Loudoun County
VIRGINIA

FY 2020 Adopted Budget / vol.2

LOUDOUN COUNTY, VIRGINIA

+ FY 2019 – FY 2024 AMENDED CAPITAL IMPROVEMENT PROGRAM
+ DEBT SERVICE
+ OTHER FUNDS
+ FISCAL TRENDS

For more information, visit **loudoun.gov/budget**

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Distinguished Budget Presentation Award

The Government Finance Officers Association of the United States and Canada (GFOA) presented an award for Distinguished Budget Presentation to Loudoun County, Virginia for the annual budget for the fiscal year beginning July 1, 2018. In order to receive this award, a government unit must publish a budget document that meets program criteria as a policy document, as an operation guide, as a financial plan and as a communication device.

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

GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

Loudoun County

Virginia

For the Fiscal Year Beginning

July 1, 2018

Christopher P. Morrill

Executive Director

Performance Management Certificate of Achievement

The International City/County Management Association (ICMA) presented Loudoun County with a Certificate of Achievement for its use of performance management techniques for the fiscal year beginning July 1, 2018. 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.

Loudoun County Board of Supervisors' Vision

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.

History of Loudoun County

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

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

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

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

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

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

County Profile

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

County Facts

County Population[1]	423,953	Land Area (square miles)	520
Per Capita Personal Income[2]	$74,834	Unemployment Rate[3]	2.5%
Median Household Income[2]	$135,842	Total Employment[3]	161,384
Public School Enrollment[1]	83,762	New Commercial Permits[3]	9,159,193 sf.
Cost Per Pupil[1]	$15,241	New Residential Use Permits[3]	3,629 units
County & School Employees[1]	16,626	Office/Industrial Vacancy Rate[3]	6.4%

Top 10 Real Property Owners (2019 value)	% of Tax Base
Digital Loudoun 3 LLC	0.50%
Toll Road Investors Partshp II LP	0.43%
Cyrusone LLC	0.40%
Digital Loudoun Pkwy Ctr North LLC	0.39%
Chelsea GCA Realty Partnership LP	0.31%
Redwood-ERC Ashburn LLC	0.30%
Equinix R P II LLC	0.25%
Solace Ashburn DFG LLC	0.23%
Dulles Town Center Mall LLC	0.21%
ICSP LLC	0.19%

*Excludes public service company properties.

Top 10 Employers (2018)
Loudoun County Public Schools
Loudoun County Government
Verizon
United Airlines
U.S. Department of Homeland Security
Northrop Grumman
Raytheon Company
Inova Health System
Swissport USA
Walmart

[1] Forecast FY 2020

[2] Calendar Year 2017

[3] Calendar Year 2018

Projected FY 2020 Major Operating Indicators

Functional Area / Measure	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	$2.13
Public Safety and Judicial Administration	
Number of emergency calls	47,020
Number of non-emergency calls	156,948
Number of Emergency Medical Service hospital transports	15,400
Number of deed and deed of trust recordings	81,000
Health and Welfare	
Number of Medicaid pre-screenings requested	440
Number of vaccination visits	4,000
Number of permitted food facilities inspected	1,250
Parks, Recreation, and Culture	
Annual park visits	885,000
Library's children, teen, and adult program attendance	325,974
Number of senior meals provided	163,000
Community Development	
Number of active capital projects under design	36
Number of active capital projects under construction	28
Number of current active prospects in pipeline to position the County for ongoing economic growth	350

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
Board of Supervisors' Mission Statement i-5
History of Loudoun County i-6
County Profile i-7
Projected FY 2020 Major Operating Indicators i-8
Table of Contents i-9

Executive Summary

Transmittal Letter E-2
Guide to the FY 2020 Adopted Budget E-6
Adopted Budget Overview E-14
Operating Impacts of New Facilities E-30
Summary of Adopted Resource Requests E-36
Summary of Financial Sources and Uses and Appropriated Fund Balance E-42
History of Expenditures and FTE by Department E-46
Long Range Planning E-48
Fiscal Policy E-52
County Funds and Fund Structure E-66
FY 2020 Appropriations Resolution E-76

General Fund Revenue

General Fund Revenue and Trends R-2
General Fund Revenue Summary R-3
General Fund Revenue Trends R-4
General Property Taxes R-7
Local Non-Property Taxes R-12
Other Local Sources of Revenue R-19
Commonwealth Aid R-30
Federal Aid R-31
Tax Exemptions by Board Action R-32

School Fund R-35
Forecast Discussion and Analysis R-37

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 1-20
Elections and Voter Registration 1-26
Finance and Procurement 1-34
General Services 1-42
Human Resources 1-50
Information Technology 1-58
Management and Budget 1-66
Treasurer 1-74

Public Safety and Judicial Administration

Public Safety and Judicial Administration Summary 2-1
Animal Services 2-2
Clerk of the Circuit Court 2-8
Commonwealth's Attorney 2-16
Community Corrections 2-20
Courts 2-26
Fire and Rescue 2-34
Juvenile Court Service Unit 2-46
Sheriff's Office 2-52

Health and Welfare

Health and Welfare Summary 3-1
Extension Services 3-2
Family Services 3-10
Health 3-20
Mental Health, Substance Abuse, and Developmental Services 3-26

Parks, Recreation, and Culture

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

Table of Contents

Community Development

Community Development Summary....5-1
Building and Development....5-2
Economic Development....5-10
Mapping and Geographic Information....5-16
Planning and Zoning....5-24
Transportation and Capital Infrastructure....5-34

Miscellaneous

Non–Departmental Expenditures....6-2
Landfill Fee Waivers....6-6
Non-Profit Organizations....6-8
Regional Organizations and Intergovernmental Contributions....6-12

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

Other Funds

Capital Asset Preservation Program....14-2
Children's Services Act Fund....14-6
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....14-17
Housing Fund....14-18
Legal Resource Center Fund (Law Library)....14-22
Major Equipment Replacement Fund....14-25
Metro Garage Fund....14-26
Public Facilities Fund....14-30

Rental Assistance Program Fund....14-36
Restricted Use Transient Occupancy Tax Fund (TOT)....14-40
Revolving Loan Fund....14-46
Route 28 Special Improvements Fund....14-48
State and Federal Grant Fund....14-52
Tall Oaks Water and Sewer Special Revenue Fund....14-59
Transportation District Fund....14-60

Fiscal Trends

Demographic and Economic Trends....15-2
Assessed Value and Tax Rates....15-13
Revenue and Expenditures....15-20

Glossary and Index

Glossary of Terms....16-2
Index....16-12

Capital Improvement Program Executive Summary

Contents

Guide to the FY 2019 – FY 2024 Amended Capital Improvement Program	7-2
Summary of the Capital Budget	7-8
Factors Affecting the FY 2020 CIP	7-12
Schedule of Appropriations	7-16
Operating Impact Analysis	7-34
Comparison Tables between Adopted FY 2019 and Adopted FY 2020	7-40
Schedule of Financing and Referenda	7-74

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Guide to the FY 2019 – FY 2024 Amended Capital Improvement Program

This section provides the reader with an overview of the structure of the six-year Capital Improvement Program (CIP) and insight into the capital budget development process. The 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 Comprehensive 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 Government and Schools' land, facility, and equipment needs, with a financing plan to implement each need. The CIP plans for the land acquisition, design, construction, and capital equipment procurement for each project. Potential projects are evaluated in relation to each other and compared to Board priorities to ensure that the highest priority projects receive funding, with essential improvements planned in a manner commensurate with the County's ability to pay.

The CIP is developed biennially, with the six-year period moving out an additional two years every other fiscal year. The current six-year CIP planning period extends from FY 2019 through FY 2024. The CIP is a multi-year plan that does not constitute or require an appropriation of funds beyond those for the current fiscal year, FY 2020. The FY 2021 – FY 2024 timeframe contains projects with planned funding that should be considered for future appropriations in subsequent fiscal year CIP budgets. Funding decisions concerning the CIP are made in conjunction with decisions regarding the County's operating budget. Final authority to spend funds for purposes specified in the County's operating and capital budgets is accomplished through the adoption of an appropriations resolution by the Board of Supervisors.

The FY 2019-FY 2024 Amended CIP abides by all County fiscal policies and debt ratios. Projects approved for FY 2020 will receive funding appropriations as part of the FY 2020 Adopted Budget; projects proposed for the FY 2021 – FY 2024 timeframe provide only planned appropriations and are subject to change in subsequent budget development processes.

Concepts

Structure of this Document

The CIP is divided into five sections: Completed Projects, Previously Authorized Projects, County Capital Projects, Transportation Projects, and School Projects. For FY 2020, project pages have been revised to provide additional and pertinent information in an easy-to-read format.

Capital Budget Development Calendar

Slightly different than the overall budget development calendar, the CIP development calendar incorporates additional work sessions with the Finance/Government Operations and Economic Development Committee (FGOEDC).

Summary of CIP

The CIP Executive Summary includes a high-level discussion, supported by charts, of changes between the adopted and amended six-year plans.

Structure of this Document

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 (LCPS).

Previously Authorized Projects Section

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

County Capital Projects

- **Administration & Information Technology** includes land and information technology systems acquisition projects.
- **General Government** includes general capital projects such as government offices, warehouses, support space, storm water management, projects at the County Landfill, and the County's Renovation Program.
- **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, the Department of Animal Services, and the Department of Family 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.

Transportation Capital Projects

These projects include preliminary engineering, right-of-way acquisition, utility relocation, and construction of roads, interchanges, roundabouts, 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 programs: road projects; sidewalks, signals, and traffic calming projects; transit projects; and town transportation/transit projects. Additionally, this section includes non-county projects, which are projects that are located in Loudoun County but administered by the Virginia Department of Transportation (VDOT) or other non-County organizations. Project pages in this category are for reference purposes only.

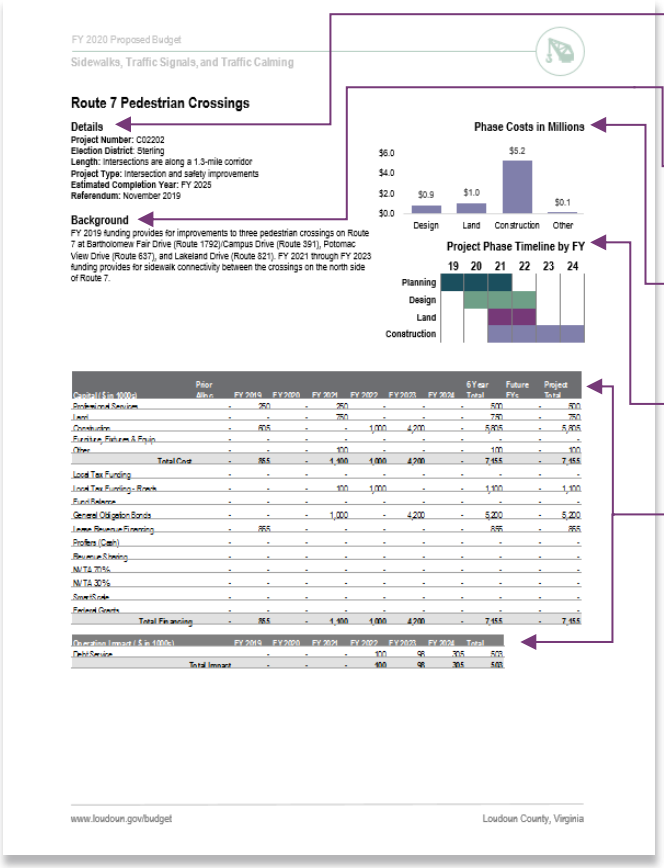
School Capital Projects

These projects include design and construction funding for LCPS. The School section of the document is divided into the following programs: elementary schools, middle schools, high schools, and other school projects.

Guide to the FY 2019 – FY 2024 Amended CIP

Redesigned Project Pages

For the FY 2019 – FY 2024 Amended CIP, project pages and maps have been redesigned to provide more information in a clearer format. Each capital project has its own project page with proposed timing of appropriations, estimates of funding sources and expenditures, narratives with background information, phase costs and timeline by fiscal year, and identifies anticipated operating impacts in future years. Due to the wide variety of project types, these project pages differ slightly throughout the document, but the overall structure remains consistent:



Details provides high-level information quickly, including relevant election district(s), estimated completion year, referendum year if applicable, length/square footage, location, and project type.

Background provides the scope of the project and any relevant information, including total estimated cost, timing of project development, and broader context.

Phase Costs in Millions displays the total cost for each phase of a project (design, land, construction, and furniture, fixtures, and equipment/other).

Project Phase Timeline by FY displays the approximate start and completion dates for each phase of a project (planning, design, land, and construction).

Financial Table(s) provide appropriations and funding sources for each fiscal year, including prior years' allocations and future fiscal years (FFY) beyond the six-year CIP planning period (FY 2025 to FY 2028). Any projected operating and maintenance and personnel costs and anticipated revenues will be included in an additional **Operating Impact** table below the main table. This table will also provide projected debt service payments for principal and interest expenses related to debt issued for the project.

Definitions

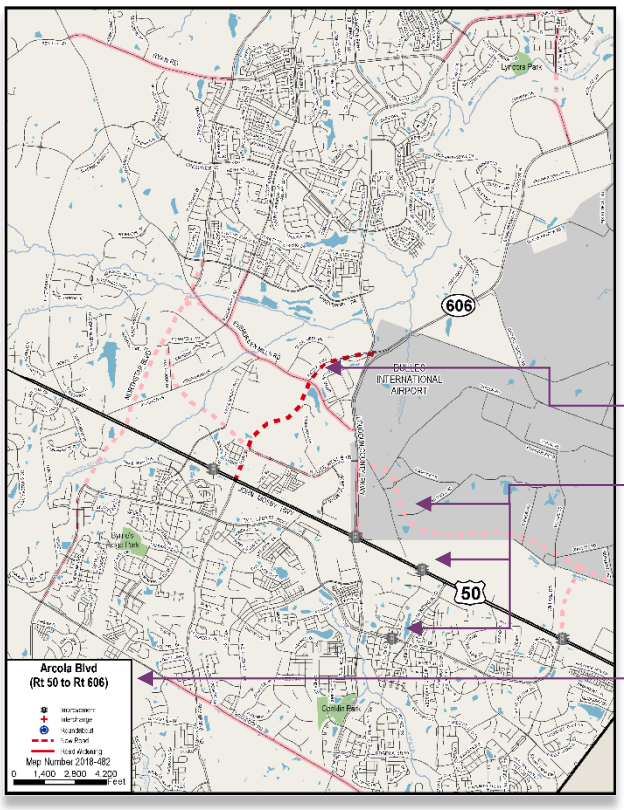
The following pertain to Phase Costs, Project Phase Timeline, and Table information:

- **Planning:** Includes activities, such as initial scoping, high-level cost, and schedule estimation, that occurs prior to a project beginning design
- **Design:** Preliminary and final design of the facility or improvements
- **Land:** Acquisition of land and right-of-way and utility relocations
- **Construction:** Site preparation and construction of the improvement
- **Furniture, Fixtures, and Equipment (FF&E):** Purchase of furniture, equipment, and fire apparatus (for fire stations) related to the opening and initial operation of the facility
- **Other:** Transfer of payments to other entities and County staffing costs

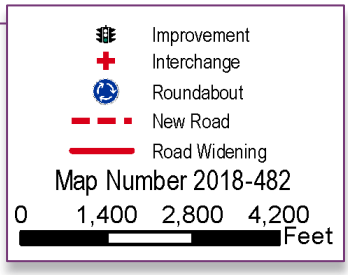
Land acquisition, design, construction, and equipment expenses for both County and School facilities are adjusted, on average, 4 percent annually to account for market inflation. For transportation projects with planning-level estimates, expenses are adjusted by 5.5 percent annually to account for recent trends in road construction. Personnel cost estimates are inflated 3 percent annually for every year after FY 2020; operations and maintenance cost estimates are inflated 1 percent annually for every year after FY 2020. The estimated number of new personnel (FTE) required to operate a facility is shown in the year in which the FTE are projected to be hired.

Transportation Maps

For transportation projects, corresponding maps show the location of planned transportation improvements. The new map shows more of the project's surrounding area, including other projects and major landmarks and roads.



Legend explains how each transportation project is represented on the maps with various symbols:



Project is in the center, full color, and opaque symbol of project type.

Other projects in the vicinity have some transparency to distinguish from the project being discussed. Interchanges, new roads, and widenings appear pink, whereas improvements and roundabouts appear faded.

Guide to the FY 2019 – FY 2024 Amended CIP

Budget Development Calendar

The calendar describes the County's internal capital budget process, which highlights the monthly activities required of County departments, as well as the external (or public) process, which highlights the role of the Board of Supervisors, its standing committees, and the public in the development process.

	Internal Process		External (Public) Process
2018	Departments begin **evaluating project needs** using capital planning tools.	**July**	FGOEDC receives **FY 2020 economic outlook** information.
	DMB, DTCI, and DFP[1] **prioritize project requests, build cost estimates and funding schedules** for County Administrator's review.	**August – November**	FGOEDC and Board provide **preliminary budget guidance**.
	DMB develops **preliminary funding scenarios** for County Administrator's consideration.	**December**	FGOEDC provides **final budget guidance** recommendation for Board consideration.
2019	Staff finalizes **funding scenario(s)** and produces budget document.	**January**	Board issues **final budget guidance**.
	Departments **prepare for work sessions** with Board.	**February**	County Administrator **presents FY 2020 Proposed Budget. FGOEDC begins work sessions** on CIP.
	Departments participate in **work sessions** on the operating and capital budgets.	**March**	Board holds **work sessions** to discuss FY 2020 Proposed Budget.
	DMB produces **adopted budget and budget story** documents.	**April**	Board **adopts** FY 2020 Budget.

[1] *DMB* is the Department of Management and Budget; *DTCI* is the Department of Transportation and Capital Infrastructure; and *DFP* is the Department of Finance and Procurement.

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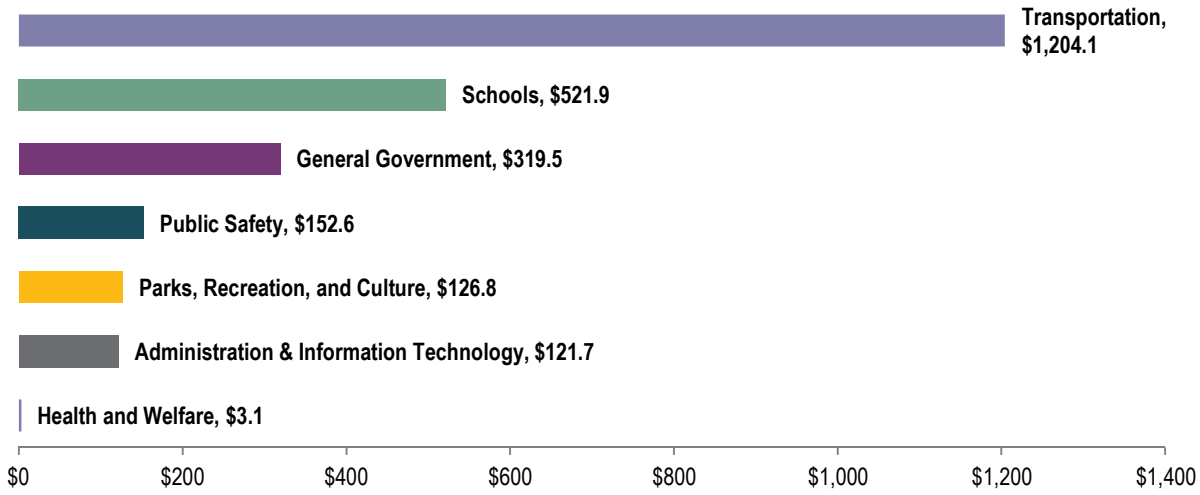
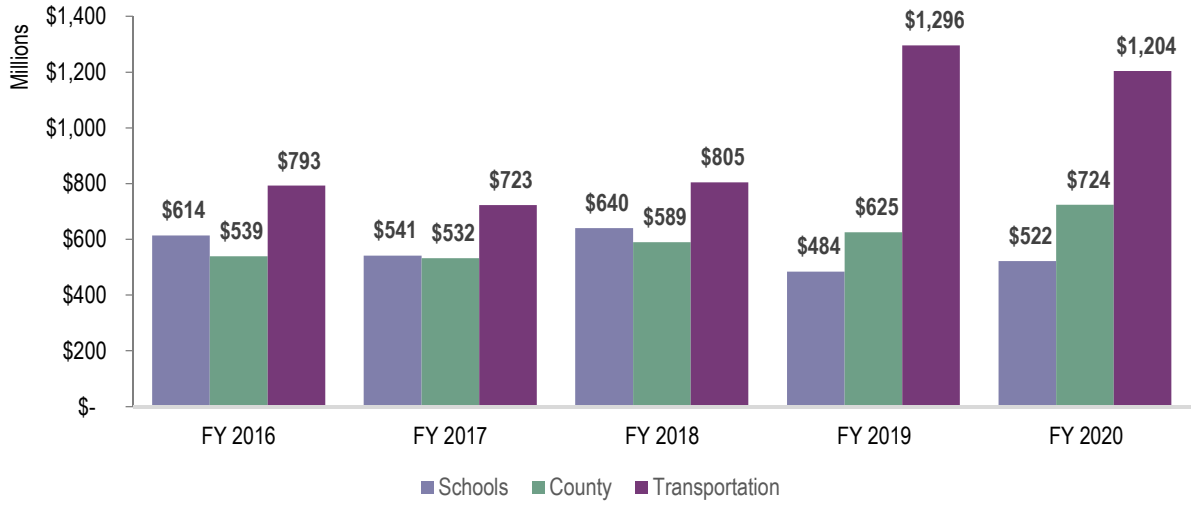
Summary of the Capital Budget

The FY 2019 – FY 2024 Amended CIP includes expenditures totaling $2.4 billion during the six-year planning period. Transportation projects total $1.2 billion, school construction and renovation projects total $521.9 million, and County capital projects total $723.7 million.

Six-Year Total Expenditures by Function (in millions)



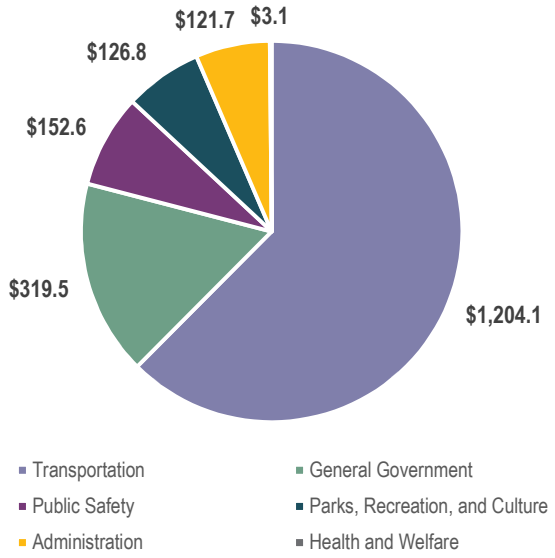
Overall expenditures in the six-year planning period have generally increased over the last six capital budgets, most notably in the area of transportation. The graph below displays the six-year funding levels for the FY 2019 – FY 2024 Amended CIP with the five previously adopted CIP totals.



Projects within the Six-Year Program

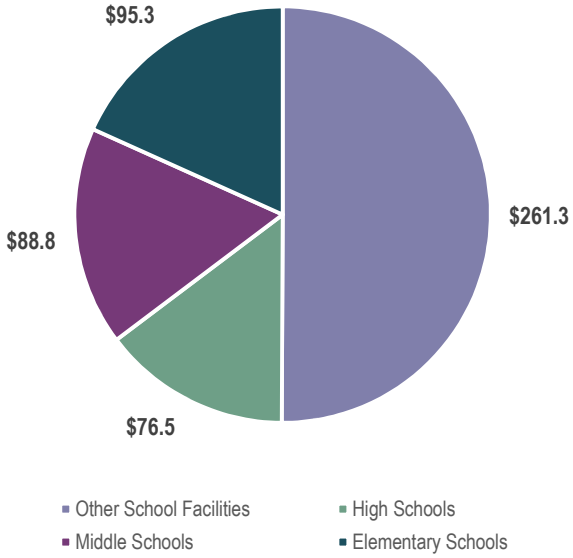
New project requests are eligible to be added to the six-year CIP timeframe if they can be accommodated using available financial resources and represent high priorities that should be addressed in the six-year timeline. Typically, new projects are included in the later years of the CIP unless otherwise prioritized. Projects in FY 2020 are proposed for funding appropriations; projects in the later years are considered for planned appropriations in future budget development processes.

County Projects



County projects total $1.9 billion over the six-year planning period. The majority of funding is dedicated to transportation projects, which include roads, sidewalks, signals, traffic calming, and transit projects. Town transportation projects are also included within this category.

School Projects



School projects total $521.9 million over the six-year planning period. Within the *Other School Facilities* category, funding for school renovation and renewal projects is included.

Summary of the Capital Budget

Funding Sources within the Six-Year Program[1]

Local Tax Funding and Fund Balance

The Board of Supervisors' fiscal policy establishes a goal of 10 percent "pay-as-you-go" cash funding in the CIP. This 10 percent cash funding can be comprised of local tax funding, which denotes funds transferred from the General Fund or the use of the prior fiscal year's fund balance for one-time expenditures in the Capital Projects Fund. By policy, $0.02 of the real property tax rate is dedicated to the CIP for roads projects.

	FY 2020	6 Year Total
Local Tax Funding	$60,263	$374,894
Local Tax Funding – $0.02	17,395	114,935
Fund Balance	0	37,512
Total	**$77,658**	**$527,341**

Debt Financing

The CIP relies upon the strategic use of debt financing to fund important projects. Projects using general obligation bond financing must be authorized through voter referendum questions during the election before bonds can be sold and funding secured. The County uses 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.

	FY 2020	6 Year Total
General Obligation Bonds	$160,318	$871,544
Lease Revenue Financing	22,865	306,697
Total	**$183,183**	**$1,178,241**

Intergovernmental Assistance

The CIP leverages intergovernmental funds to reduce the tax burden on residents in the form of Smart Scale, Revenue Sharing, or federal pass-through grants for transportation and transit projects from the Virginia Department of Transportation. 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 – to accumulate funds for regional road projects. The revenues are split 70 percent as regional funds, which are allocated at the discretion of Northern Virginia Transportation Authority (NVTA) towards regional road projects, and 30 percent 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 percent local funds are allocated to the Towns of Leesburg and Purcellville based upon the estimated percentage of revenues generated within the towns.

	FY 2020	6 Year Total
Revenue Sharing	$5,000	$29,673
NVTA 70%	157,035	303,427
NVTA 30%	15,355	102,021
Smart Scale	0	211,798
Federal Grants	25,000	25,000
CMAQ	0	3,291
Total	**$202,390**	**$675,210**

Other

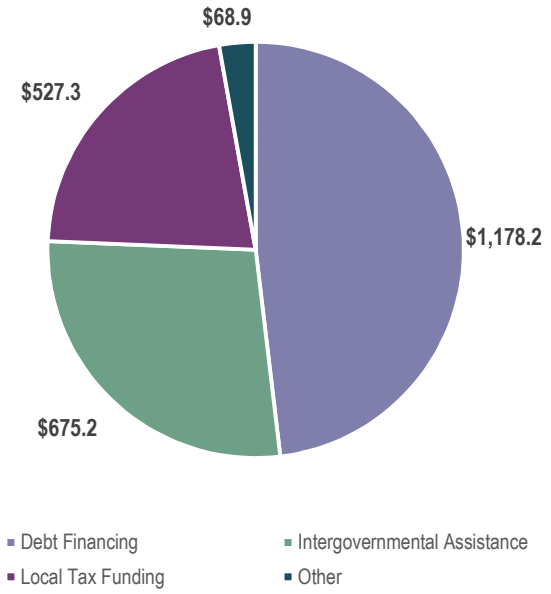
[1] All numbers shown in tables are in thousands.

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

User fees help offset capital project costs. User fees are typically related to revenues generated from the 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.

	FY 2020	6 Year Total
Proffers (Cash)	$17,266	$49,244
Local Gasoline Tax	4,358	6,179
Landfill Fees	6,090	13,524
Total	**$27,714**	**$68,947**

Six-Year Total Funding Sources



Strategic use of non-local tax funding sources as well as debt lessens the impact of capital facility construction on taxpayers. The County has also been successful in leveraging state and federal funds. Most notably, the County was awarded a $25 million TIGER grant for Northstar Boulevard from Shreveport Drive to Route 50.

Factors Affecting the FY 2019 - FY 2024 Amended CIP

Project Cost Changes and Cost Estimation Methodology

As part of its annual CIP development process, staff regularly reviews and updates cost estimation methodologies, including assumptions for inflation in future years and amounts for project contingencies. Staff generally prepares initial cost estimates based on historical data (e.g., based on the per-square foot "hard" cost of a recently completed facility, or per lane-mile for roads) plus additional costs for any known unique characteristics of a project. For facilities, the costs of design, furniture, fixtures and equipment, and other "soft" costs are calculated as a general percentage of the "hard" costs at this early stage of cost estimation.

Project cost estimates during the planning phase (before design or engineering begins) are highly uncertain and subject to variations from 50 percent to 200 percent compared to the final project cost; estimates are more accurately refined once a project begins design. Staff also contracts with outside consultants to evaluate planning-level costs for new projects that are added to the CIP to validate or update cost estimates.

For the FY 2019-FY 2024 Amended CIP, staff has refined the estimation parameters for select types of projects. For road projects with planning-level estimates, staff is using an inflation factor of 5.5 percent per year. This inflation factor is more consistent with factors used by the Virginia Department of Transportation (VDOT) in preparing planning-level estimates for its road projects. For vertical facility projects at the planning-level, staff continues to use a 4 percent inflation factor per year. LCPS staff assumes an inflation factor of 5.5 percent per year through the end of the six-year CIP period. Escalation costs are also computed to the mid-point in construction duration to better adjust for material cost inflation throughout the project construction phase.

Staff also refined contingency assumptions for projects, assuming a contingency of ten percent for projects with a total estimated project cost of under $10 million, while a 5 percent contingency factor is used for projects with a total estimated project cost above $10 million. For parks and recreation facilities, which have experienced recent cost increases due to site issues, the contingency remains at 10 percent regardless of the estimated total project cost.

County and School Renovation, Alternation, and Renewal Program

As County and School facilities age and new building construction slows, the County will need to establish budgets to provide for renovation, alteration, and renewal of existing structures. Staff from both LCPS and County Government have been collaborating on appropriate budget amounts and methodologies to address this need.

LCPS is projecting renovation needs to outpace new construction after FY 2030. Although these longer-term projections are based on general industry standards or estimates, staff anticipates that new construction driven by a burgeoning school population will likely taper off over the long term and that renovations will increase as a larger share of future LCPS CIP requests. Similarly, as new County facilities become operational and are built out, the renovation needs of existing facilities will continue to grow. Loudoun is just beginning to enter this phase of capital planning.

While long-term capital maintenance (such as replacements of roofing and other building-related systems, repaving, and mechanical, electrical, and plumbing work) is funded through the County and Schools' respective Capital Asset Preservation Programs (CAPP), more extensive renovations and facility alterations have typically been budgeted as individual projects in the CIP. Staff projects that approximately $60 million of appropriations per year for Schools and $12 million per year for County renovation, alteration, and renewal projects will eventually be required to maintain, upgrade, or expand existing facilities.

For the FY 2019 - FY 2024 Amended CIP, LCPS and County staff have coordinated to consolidate various existing and planned renovation and alteration projects, which increase the usability and longevity of existing facilities, into a renovation,

alteration, and renewal program. This program will ramp up over the next several fiscal years to the overall target appropriation level by FY 2025. Funding for this program will be a combination of cash and short- and long-term debt structured to enable projects to be executed quickly and efficiently.

Starting in FY 2020, staff has programmed a portion of the business personal property tax (BPPT) rate on computer equipment to the CIP each year for use in the renovation, alteration, and renewal program. Strategic dedication of a portion of the BPPT rate on computer equipment to the CIP would be similar to the dedication of the real property tax rate to road projects in the CIP currently. Renovation projects generally have much shorter project timelines as well as some level of components that do not have the longer-term life cycle of a new build project. This type of program generally requires more cash and different debt vehicles to provide greater flexibility. A dedicated source of cash funding will provide the flexibility needed and allow for leveraging of more short-term debt and leases. For FY 2020, this program will provide approximately $15 million of funding for renovation projects. Staff believes this is a prudent and conservative use of the additional expected increment of BPPT.

LCPS Funding Requests

The FY 2019 - FY2024 Amended CIP fully incorporates the LCPS Board's Adopted CIP, including funding requests totaling approximately $521.9 million in the six-year CIP timeframe, with significant funding requests totaling approximately $684.0 million in future fiscal years. In addition, the County's Land Acquisition Fund includes funding of approximately $83.5 million in the six-year period to acquire land for future school construction.

Metrorail Capital Contributions and NVTA Funding

In March 2019, the Washington Metropolitan Area Transit Authority (WMATA) Board adopted its FY 2020 – FY 2025 Capital Improvement Program that updates Loudoun County's share of capital funding for Metrorail/Silver Line Phase 2 service to a total of $31.9 million, with the first year of Loudoun County contributions commencing in FY 2021 for $5.8 million.

Due to a revised opening date for Phase 2 (to begin no earlier than July 1, 2020, or after the beginning of FY 2021), as well as changes in funding for WMATA by the Commonwealth, the FY 2019-FY2024 Amended CIP now anticipates that the County will meet its funding obligations through the use of NVTA 30% local funds. These funding levels are subject to revision and will be updated as forecasts for the County's share of NVTA 30% funds are updated through future CIP processes or as other financial resources are available.

Unlike the operating contribution to WMATA, 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 after the beginning of FY 2021.

Staff and Contractual Support to County Projects

The FY 2019 - FY2024 Amended CIP also incorporates County staffing and consulting costs related to the development, implementation, and monitoring of the CIP. For County staff who work directly on projects, such as design engineers, land acquisition managers, project managers, and construction/civil engineers, staff charges will be funded through individual project budgets, thereby more accurately reflecting the true cost of a project. Support positions, including staff that provide more indirect or general CIP support such as budgeting or procurement, will be budgeted through a central project in the CIP with funding from the General Fund.

Furthermore, staff will procure program management contractual support in FY 2020 to assist staff in capital project scheduling, project development performance, engineering support, design quality assurance, project oversight (including cost estimating), and providing general staff augmentation in order to meet established schedule and budget goals. As with

Factors Affecting the Adopted CIP

direct staff costs, the cost of the program management contract will be charged to individual project budgets beginning in FY 2020.

In previous capital budgets, CIP-related staff costs were funded through a transfer of local tax funding from the General Fund. For FY 2020, appropriations for individual project budgets, which include local tax funding as well as NVTA 30% local funds, NVTA 70% regional funds, and local gas tax, will be utilized, thereby reducing local tax funding transfers from the General Fund to the CIP. Staffing and program management support are summarized in the table below.

	FY 2020 Cost	FTE
Direct Positions (absorbed within project budgets)	$5,182,809	42.00
Support Positions	2,326,236	17.00
Program Management (absorbed within project budgets)	4,100,000	0.00
Total	**$11,609,045**	**59.00**

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Capital Improvement Program Summary
Schedule of Appropriations

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
General Capital Projects Fund										
Administration	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864
General Government	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459
Health and Welfare	-	-	-	3,055	-	-	-	3,055	6,646	9,701
Parks, Recreation and Culture	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904
Public Safety	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072
Transportation	196,963	186,277	247,954	169,714	150,951	171,773	277,470	1,204,139	1,454,985	2,856,087
Total Cost	915,830	299,550	323,722	314,485	283,453	265,694	440,947	1,927,851	1,843,406	4,687,087
School Capital Projects Fund										
Elementary Schools	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Middle Schools	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
High Schools	122,302	14,765	61,364	-	-	-	375	76,504	181,855	380,661
Other Schools	5,265	22,700	27,599	34,345	43,790	42,710	90,160	261,304	139,735	406,304
Total Cost	127,567	47,675	167,223	42,805	124,100	42,710	97,375	521,888	684,040	1,333,495
Funding Source										
Local Tax Funding	256,397	56,155	60,263	69,701	92,987	59,806	35,982	374,894	128,628	759,919
Local Tax Funding - Roads	20,320	16,360	17,395	19,170	20,260	20,650	21,100	114,935	8,800	144,055
Fund Balance	53,355	37,512	-	-	-	-	-	37,512	-	90,867
General Obligation Bonds	295,762	72,751	160,318	116,135	192,060	141,955	188,325	871,544	2,221,627	3,388,933
Lease Revenue Financing	159,947	21,205	22,865	64,435	41,365	31,945	124,882	306,697	54,714	521,358
Proffers (Cash)	92,029	21,123	17,266	7,486	3,369	-	-	49,244	-	141,272
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
Revenue Sharing	15,450	4,673	5,000	5,000	5,000	5,000	5,000	29,673	800	45,923
NVTA 70%	21,360	80,493	157,035	54,000	-	-	11,899	303,427	-	324,787
NVTA 30%	37,494	19,930	15,355	15,918	16,532	17,016	17,270	102,021	48,680	188,195
Smart Scale	1,685	4,477	-	5,445	35,980	32,032	133,864	211,798	64,197	277,680
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	1,244	1,821	4,358	-	-	-	-	6,179	-	7,423
CMAQ	3,821	3,291	-	-	-	-	-	3,291	-	7,112
State Capital Assistance	23,663	-	-	-	-	-	-	-	-	23,663
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	1,043,397	347,225	490,945	357,290	407,553	308,404	538,322	2,449,739	2,527,446	6,020,582

Capital Improvement Program by Functional Area
Schedule of Appropriations
County Capital Projects Fund

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Administration	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864
Health and Welfare	-	-	-	3,055	-	-	-	3,055	6,646	9,701
General Government	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459
Parks, Recreation, and Culture	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904
Public Safety	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072
Transportation	196,963	186,277	247,954	169,714	150,951	171,773	277,470	1,204,139	1,454,985	2,856,087
Total Cost	915,830	299,550	323,722	314,485	283,453	265,694	440,947	1,927,851	1,843,406	4,687,087
Funding Sources										
Local Tax Funding	243,832	45,405	45,788	49,266	78,987	49,806	25,607	294,859	118,628	657,319
Local Tax Funding - Roads	20,320	16,360	17,395	19,170	20,260	20,650	21,100	114,935	8,800	144,055
Fund Balance	53,355	32,478	-	-	-	-	-	32,478	-	85,833
General Obligation Bonds	182,510	40,860	15,970	102,505	100,595	117,830	110,300	488,060	1,585,527	2,256,097
Lease Revenue Financing	159,947	21,205	14,465	55,695	22,730	23,360	115,907	253,362	16,774	430,083
Proffers (Cash)	90,279	21,123	17,266	7,486	3,369	-	-	49,244	-	139,522
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
Revenue Sharing	15,450	4,673	5,000	5,000	5,000	5,000	5,000	29,673	800	45,923
NVTA 70%	21,360	80,493	157,035	54,000	-	-	11,899	303,427	-	324,787
NVTA 30%	37,494	19,930	15,355	15,918	16,532	17,016	17,270	102,021	48,680	188,195
Smart Scale	1,685	4,477	-	5,445	35,980	32,032	133,864	211,798	64,197	277,680
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	1,244	1,821	4,358	-	-	-	-	6,179	-	7,423
CMAQ	3,821	3,291	-	-	-	-	-	3,291	-	7,112
State Capital Assistance	23,663	-	-	-	-	-	-	-	-	23,663
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	915,830	299,550	323,722	314,485	283,453	265,694	440,947	1,927,851	1,843,406	4,687,087

Capital Improvement Program by Functional Area
Schedule of Appropriations
General Capital Projects Fund

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Administration	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864
Health and Welfare	-	-	-	3,055	-	-	-	3,055	6,646	9,701
General Government	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459
Parks, Recreation, and Culture	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904
Public Safety	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072
Total Cost	718,867	113,273	75,768	144,771	132,502	93,921	163,477	723,712	388,421	1,831,000
Funding Sources										
Local Tax Funding	240,588	35,202	44,905	49,266	78,987	49,806	25,607	283,773	118,628	642,989
Local Tax Funding - Roads	-	-	285	-	-	-	-	285	-	285
Fund Balance	42,494	27,428	-	-	-	-	-	27,428	-	69,922
General Obligation Bonds	167,430	4,300	-	37,190	46,235	20,755	23,240	131,720	253,019	552,169
Lease Revenue Financing	123,088	20,350	14,465	54,995	7,280	23,360	114,630	235,080	16,774	374,942
Proffers (Cash)	79,799	18,560	10,023	3,320	-	-	-	31,903	-	111,701
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	718,867	113,273	75,768	144,771	132,502	93,921	163,477	723,712	388,421	1,831,000

Capital Improvement Program by Functional Area
Schedule of Appropriations
Transportation Summary

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Roads	138,136	154,037	238,954	144,121	116,159	135,309	234,690	1,023,269	1,273,190	2,434,595
Sidewalks, Signals and Traffic Calming	3,200	4,467	3,467	11,395	21,355	24,010	32,165	96,859	135,530	235,589
Towns	16,728	23,573	2,759	4,548	2,987	3,721	3,215	40,803	16,665	74,196
Transit	38,899	4,200	2,775	9,650	10,450	8,733	7,400	43,208	29,600	111,707
Total Cost	196,963	186,277	247,954	169,714	150,951	171,773	277,470	1,204,139	1,454,985	2,856,087
Funding Source										
Local Tax Funding	3,244	10,203	883	-	-	-	-	11,086	-	14,330
Local Tax Funding - Roads	20,320	16,360	17,110	19,170	20,260	20,650	21,100	114,650	8,800	143,770
Fund Balance	10,861	5,050	-	-	-	-	-	5,050	-	15,911
General Obligation Bonds	15,080	36,560	15,970	65,315	54,360	97,075	87,060	356,340	1,332,508	1,703,928
Lease Revenue Financing	36,859	855	-	700	15,450	-	1,277	18,282	-	55,141
Proffers (Cash)	10,480	2,564	7,243	4,166	3,369	-	-	17,341	-	27,821
Revenue Sharing	15,450	4,673	5,000	5,000	5,000	5,000	5,000	29,673	800	45,923
NVTA 70%	21,360	80,493	157,035	54,000	-	-	11,899	303,427	-	324,787
NVTA 30%	37,494	19,930	15,355	15,918	16,532	17,016	17,270	102,021	48,680	188,195
Smart Scale	1,685	4,477	-	5,445	35,980	32,032	133,864	211,798	64,197	277,680
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	1,244	1,821	4,358	-	-	-	-	6,179	-	7,423
CMAQ	3,821	3,291	-	-	-	-	-	3,291	-	7,112
State Capital Assistance	19,065	-	-	-	-	-	-	-	-	19,065
Total Financing	196,963	186,277	247,954	169,714	150,951	171,773	277,470	1,204,139	1,454,985	2,856,087

Capital Improvement Program by Functional Area
Schedule of Appropriations
School Capital Projects Fund

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Elementary Schools	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Middle Schools	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
High Schools	122,302	14,765	61,364	-	-	-	375	76,504	181,855	380,661
Other School Projects	5,265	22,700	27,599	34,345	43,790	42,710	90,160	261,304	139,735	406,304
Total Cost	127,567	47,675	167,223	42,805	124,100	42,710	97,375	521,888	684,040	1,333,495
Funding Sources										
Local Tax Funding	12,565	10,750	14,475	20,435	14,000	10,000	10,375	80,035	10,000	102,600
Fund Balance	-	5,034	-	-	-	-	-	5,034	-	5,034
General Obligation Bonds	113,252	31,891	144,348	13,630	91,465	24,125	78,025	383,484	636,100	1,132,836
Lease Revenue Financing	-	-	8,400	8,740	18,635	8,585	8,975	53,335	37,940	91,275
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	127,567	47,675	167,223	42,805	124,100	42,710	97,375	521,888	684,040	1,333,495

Capital Improvement Program by Functional Area
Schedule of Appropriations
Administration and Information Technology

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Land Acquisition Fund	248,317	1,480	6,635	11,130	44,035	21,680	-	84,960	19,305	352,582
LMIS	6,000	3,462	-	-	-	-	-	3,462	-	9,462
Microsoft Upgrades	-	-	1,300	-	-	-	-	1,300	-	1,300
MHSADS Electronic Health Records	-	150	2,000	-	-	-	-	2,150	-	2,150
Oracle HCM Reconfiguration	-	2,500	-	-	-	-	-	2,500	-	2,500
eBuilder Upgrade	-	500	-	-	-	-	-	500	-	500
Enterprise/Data Architect	-	-	400	-	-	-	-	400	-	400
IT Contingency	-	-	1,500	-	-	-	-	1,500	-	1,500
Data Center and Fiber Plant Relocation	-	-	1,765	-	-	-	-	1,765	-	1,765
Fiber Backbone Replacement/I-Net	-	-	-	695	-	-	-	695	-	695
Public Safety 911 Phone Switch Replacement	-	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety Handheld Radio Replacements	-	-	-	-	9,745	-	-	9,745	-	9,745
Public Safety Radio Tower Coverage Sites	-	1,400	600	2,765	-	2,550	-	7,315	8,875	16,190
Public Safety Redundant Master/Prime Tower	1,625	1,450	-	-	-	-	-	1,450	-	3,075
School Emergency Radio Coverage	-	500	600	600	-	-	-	1,700	-	1,700
Budgetary Cost	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864
Funding Source										
Local Tax Funding	96,841	2,630	10,895	12,090	50,800	22,430	-	98,845	28,180	223,866
Fund Balance	36,934	6,450	-	-	-	-	-	6,450	-	43,384
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	11,830	2,362	3,905	3,100	5,280	1,800	-	16,447	-	28,277
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Total Financing	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864

Capital Improvement Program by Functional Area
Schedule of Appropriations
General Government

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Capital Project Management	64,059	6,646	2,326	2,306	2,375	2,447	2,520	18,620	10,080	92,759
Capital Project Management Consulting Services	9,013	4,250	4,541	1,587	1,634	1,683	1,734	15,429	6,935	31,377
CIP Contingency	11,900	23,428	13,662	4,500	2,500	2,500	2,500	49,090	10,000	70,990
Consolidated Shops and Warehouse	31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Eastern Services Center	-	-	-	-	-	-	17,250	17,250	-	17,250
General Government Office Space - Sycolin Road Phase I	-	-	-	-	-	15,965	97,380	113,345	10,128	123,473
Landfill - Debt Service	4,462	2,334	2,410	-	-	-	-	4,744	-	9,206
Landfill - Sequence IA Cap	-	-	1,500	-	-	-	-	1,500	-	1,500
Landfill - Sequence V Closure	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Landfill - Construction Demolition Debris Unit	-	5,100	1,080	-	-	-	-	6,180	-	6,180
Landfill - Leachate System Upgrade	-	-	2,600	-	-	-	-	2,600	-	2,600
County Renovation Program - Government Center	-	2,638	-	-	-	-	-	2,638	-	2,638
County Renovation Program - Waterford	-	-	-	-	2,000	-	-	2,000	-	2,000
County Renovation Program - Transit Maintenance Operations	-	-	400	-	-	-	-	400	-	400
County Renovation Program - Shenandoah Building	-	-	-	-	4,000	4,000	4,000	12,000	-	12,000
County Renovation Program - Renovation Fund	-	-	1,000	1,000	1,000	1,000	1,000	5,000	4,000	9,000
Town of Hillsboro - Old Stone School/Town Hall	33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	102,769
Town of Purcellville - Bush Tabernacle	80	243	184	-	-	-	-	427	-	507
Storm Water Management	-	-	-	300	-	-	-	300	-	300
Water/Wastewater Fund	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Total Cost	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459
Funding Source										
Local Tax Funding	129,147	21,456	30,095	18,503	20,689	21,199	21,729	133,671	71,415	334,233
Local Tax Funding - Roads	-	-	285	-	-	-	-	285	-	285
Fund Balance	3,700	20,978	-	-	-	-	-	20,978	-	24,678
Lease Revenue Financing	21,000	3,988	10,560	3,500	2,000	15,965	114,630	150,643	10,128	181,771
Proffers (Cash)	80	243	184	-	-	-	-	427	-	507
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459

Capital Improvement Program by Functional Area
Schedule of Appropriations
Health and Welfare

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Adolescent Independent Living Residence	-	-	-	-	-	-	-	-	6,646	6,646
DS Group Residence - Eastern Loudoun	-	-	-	3,055	-	-	-	3,055	-	3,055
Total Cost	-	-	-	3,055	-	-	-	3,055	6,646	9,701
Funding Source										
Lease Revenue Financing	-	-	-	3,055	-	-	-	3,055	6,646	9,701
Total Financing	-	-	-	3,055	-	-	-	3,055	6,646	9,701

Capital Improvement Program by Functional Area
Schedule of Appropriations
Parks, Recreation, and Culture

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Ashburn Recreation and Community Center	70,930	-	-	15,460	-	-	-	15,460	-	86,390
Ashburn Senior Center	8,285	1,200	-	-	-	-	-	1,200	-	9,485
Bolen Park Phase II	500	-	700	7,025	-	-	-	7,725	-	8,225
Brambleton Library	-	680	9,839	-	-	-	-	10,519	-	10,519
Brambleton West Bleachers	-	-	125	1,500	-	-	-	1,625	-	1,625
Broad Run Stream Valley Linear Park	-	-	-	-	-	-	1,000	1,000	23,850	24,850
Children's Science Center	-	-	-	15,000	-	-	-	15,000	-	15,000
Dulles Adult Day Center	-	-	-	-	-	-	-	-	10,345	10,345
Dulles South Neighborhood Park	-	-	-	-	-	-	1,200	1,200	8,323	9,523
Fields Farm Park	1,860	-	-	3,730	25,835	-	-	29,565	-	31,425
Franklin Park to Purcellville Trail	520	-	-	-	5,390	-	-	5,390	-	5,910
Goose Creek Stream Valley Linear Park	-	-	-	-	-	-	-	-	8,425	8,425
Hal & Berni Hanson Regional Park	76,365	14,800	-	-	-	-	-	14,800	-	91,165
Loudoun State Park	-	2,916	-	-	-	-	-	2,916	-	2,916
Lovettsville District Park - Phase II	-	-	-	5,060	-	-	-	5,060	-	5,060
Potomac Sportsplex - Field Conversions	-	1,451	-	2,575	-	-	-	4,026	-	4,026
Scott Jenkins - Phase III	-	-	-	2,635	-	-	-	2,635	-	2,635
STEM Library	-	-	-	-	-	-	4,430	4,430	51,051	55,481
Sterling Neighborhood Park with Pool	-	-	-	-	-	-	-	-	14,965	14,965
Teen Center	-	-	-	-	-	-	-	-	16,885	16,885
Town of Hamilton: Hamilton Community Park	-	50	-	-	-	-	-	50	-	50
Town of Leesburg - Veteran's Park	-	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park	238	185	-	-	-	-	-	185	-	423
Western Loudoun Recreation Center	-	-	-	-	-	-	-	-	103,575	103,575
Total Cost	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904
Funding Source										
Local Tax Funding	1,110	2,966	825	10,565	390	-	-	14,746	445	16,301
Fund Balance	1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	72,865	-	-	15,960	30,835	-	6,630	53,425	236,974	363,264
Lease Revenue Financing	-	-	-	27,140	-	-	-	27,140	-	27,140
Proffers (Cash)	77,864	18,316	9,839	3,320	-	-	-	31,475	-	109,339
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Total Financing	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904

Capital Improvement Program by Functional Area
Schedule of Appropriations
Public Safety

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Animal Services Facility	15,495	6,800	-	-	-	-	-	6,800	-	22,295
Courts Complex Phase III	79,410	10,000	-	17,885	-	-	-	27,885	-	107,295
Fire and Rescue Capital Apparatus	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,988	70,467
Fire and Rescue Recruit Training Facility	-	750	-	5,660	-	-	-	6,410	-	6,410
Fire and Rescue Station Storage Sheds	-	-	-	650	-	-	-	650	-	650
Fire and Rescue Training Academy Expansion	-	-	-	-	1,240	7,030	-	8,270	-	8,270
Fire and Rescue Training Tower	-	-	-	-	-	-	400	400	3,600	4,000
Juvenile Detention Center Phase II	-	-	-	-	-	5,595	-	5,595	-	5,595
Station #04 - Round Hill Station Replacement	-	1,900	-	17,580	-	-	-	19,480	-	19,480
Station #05/#17 - Hamilton Station Replacement	-	-	-	-	-	-	-	-	16,045	16,045
Station #07 - Aldie Station Replacement	14,860	4,000	-	-	-	-	-	4,000	-	18,860
Station #08 - Philomont Station Replacement	-	-	-	-	2,590	13,725	-	16,315	-	16,315
Station #28 - Leesburg South Station	-	-	-	2,580	15,400	-	-	17,980	-	17,980
Station #29 - Old Ox Station	-	-	-	-	-	2,800	16,610	19,410	-	19,410
Total Cost	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072
Funding Source										
Local Tax Funding	13,490	8,150	3,090	8,108	7,108	6,177	3,878	36,511	18,588	68,589
General Obligation Bonds	42,090	4,300	-	21,230	15,400	20,755	16,610	78,295	16,045	136,430
Lease Revenue Financing	90,258	14,000	-	18,200	-	5,595	-	37,795	-	128,053
Total Financing	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072

Capital Improvement Program by Functional Area
Schedule of Appropriations
Roads

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Arcola Blvd. (Route 50 to Route 606)	1,685	6,968	2,630	12,195	28,955	12,897	-	63,645	-	65,330
Belmont Ridge Rd. (Shreveport Dr. to Evergreen Mills Rd.)	-	-	-	-	1,755	3,045	20,274	25,074	-	25,074
Belmont Ridge Rd. (Truro Parish Dr. to Croson Ln.)	38,063	4,673	-	-	-	-	-	4,673	-	42,736
Braddock Rd. (Bull Run PO Rd. to Fairfax County Line)	-	-	-	-	-	-	-	-	81,800	81,800
Braddock Rd. (Paul VI HS East Entrance to Bull Run PO Rd.)	-	-	-	-	-	-	-	-	60,000	60,000
Braddock Rd. (Royal Hunter Dr. to Paul VI HS East entrance)	-	-	2,000	8,000	19,605	-	-	29,605	-	29,605
Croson Ln Widening (Claiborne Pkwy. to Old Ryan Rd.)	-	-	-	2,381	2,770	-	12,000	17,151	-	17,151
Crosstrail Blvd. (Kincaid Blvd. to Russell Branch Pkwy.)	33,300	41,560	-	-	-	-	-	41,560	-	74,860
Crosstrail Blvd. (Sycolin Rd. to Dulles Greenway)	-	-	-	3,155	-	3,300	-	6,455	36,730	43,185
Davis Dr. Bridge	-	-	-	-	-	-	-	-	46,700	46,700
Dulles West Blvd. (Dulles Landing Dr. to Northstar Blvd.)	-	47,800	2,514	-	-	9,360	-	59,674	-	59,674
Elk Lick Rd Intersection Improvements (Route 50 & Tall Cedars Pkwy.)	689	902	600	-	-	-	-	1,502	-	2,191
Evergreen Mills Rd. (Belmont Ridge Rd. to Stone Springs Blvd.)	-	-	-	-	-	10,000	6,000	16,000	800	16,800
Evergreen Mills Rd. (Northstar Boulevard to Belmont Ridge Rd.)	-	-	-	-	-	-	-	-	18,700	18,700
Evergreen Mills Rd. (Reservoir Rd. and Watson Rd.)	-	14,000	-	-	-	-	-	14,000	-	14,000
Evergreen Mills Rd. (Stone Springs Blvd. to Loudoun County Pkwy.)	-	-	-	-	-	-	5,000	5,000	41,600	46,600
Farmwell Rd. (Smith Switch to Ashburn Rd.)	7,864	-	-	24,825	-	-	-	24,825	-	32,689
Intelligent Transportation System (ITS)	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Leesburg Bypass Widening (Dulles Greenway to Route 15)	-	1,000	2,000	-	-	-	-	3,000	-	3,000
Loudoun County Pkwy. (Dulles West to Route 50)	-	6,581	1,308	-	-	-	-	7,889	-	7,889
Loudoun County Pkwy. (Ryan Rd. to Shellhorn Rd.)	-	-	-	-	-	-	4,135	4,135	18,900	23,035
Moorefield Blvd. (Mooreview Pkwy. to Moorefield Station)	-	4,340	-	-	-	-	-	4,340	-	4,340
Northstar Blvd. (Route 50 to Tall Cedars Pkwy.)	5,432	5,000	46,161	-	-	-	-	51,161	-	56,593
Northstar Blvd. (Shreveport Dr. to Route 50)	22,655	-	56,641	-	-	-	-	56,641	-	79,296
Northstar Blvd. (Tall Cedar Pkwy. to Braddock Rd.)	-	-	-	-	3,369	-	32,407	35,776	-	35,776
Prentice Rd. (Lockridge Rd. to Shellhorn Rd.)	9,000	-	76,230	-	15,000	-	-	91,230	-	100,230
Route 15 & Braddock Rd. Roundabout	-	-	-	-	-	-	1,015	1,015	5,385	6,400
Route 15 (Battlefield Pkwy. to Montresor Rd.)	-	3,500	-	54,835	-	21,435	-	79,770	-	79,770
Route 15 (Montresor Rd. and Point of Rocks Bridge)	-	-	-	-	8,830	-	26,255	35,085	75,700	110,785
Route 50 / Everfield Roundabout	-	-	-	-	-	-	1,015	1,015	6,985	8,000
Route 50 / Loudoun County Pkwy. Interchange	-	-	-	-	-	-	-	-	500,000	500,000

Capital Improvement Program by Functional Area
Schedule of Appropriations
Roads

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Route 50 / Trailhead Dr. Roundabout	-	-	2,215	6,355	-	-	-	8,570	-	8,570
Route 50 Intersection Improvements	-	645	4,820	-	-	-	3,707	9,172	-	9,172
Route 50 North Collector Rd. (Air & Space Museum Pkwy. to Tall Cedars Pkwy.)	-	-	-	-	5,150	-	22,350	27,500	68,735	96,235
Route 50 North Collector Rd. (Tall Cedars Pkwy. to Loudoun County Pkwy.)	-	-	-	-	-	-	-	-	85,900	85,900
Route 7/ Hillsboro Rd. Interchange	7,500	405	3,845	20,055	5,500	4,065	-	33,870	-	41,370
Route 7/ Route 287 Interchange Improvements	-	2,115	-	-	5,090	5,001	-	12,206	-	12,206
Route 7 (Route 690 to Route 9)	-	-	-	-	-	-	-	-	70,000	70,000
Route 7 (Route 9 to Dulles Greenway)	-	-	-	3,620	-	-	2,320	5,940	47,195	53,135
Route 7 (Route 9 to Route 690)	-	-	-	-	-	-	-	-	70,000	70,000
Route 9 / Route 287 Roundabout	1,228	-	13,255	-	-	-	-	13,255	-	14,483
Ryan Rd. (Evergreen Mills Rd. to Northstar Blvd.)	-	-	-	-	-	-	2,000	2,000	20,800	22,800
Seneca Ridge Dr. (South Cottage Rd. to Augusta Dr.)	-	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Rd. (Loudoun County Pkwy. to Randolph Dr.)	8,000	-	19,735	-	-	54,715	92,550	167,000	-	175,000
Sycolin Rd. (Loudoun Center Place to Crosstrail Blvd.)	-	-	-	-	-	2,055	1,370	3,425	10,275	13,700
Trailhead Dr. / Braddock Roundabout	-	-	-	-	-	-	1,015	1,015	6,985	8,000
Waxpool Rd./Loudoun County Pkwy. Intersection Improvements	2,720	3,628	-	-	-	-	-	3,628	-	6,348
Westwind Dr. (State Street to Ladbrook Dr.)	-	8,830	5,000	8,700	20,135	9,436	-	52,101	-	52,101
Total Cost	138,136	154,037	238,954	144,121	116,159	135,309	234,690	1,023,269	1,273,190	2,434,595
Funding Source										
Local Tax Funding	2,689	10,203	600	-	-	-	-	10,803	-	13,492
Local Tax Funding - Roads	18,546	12,748	12,096	17,070	14,705	18,650	18,770	94,039	-	112,585
Fund Balance	10,861	1,050	-	-	-	-	-	1,050	-	11,911
General Obligation Bonds	15,080	36,560	15,470	56,570	52,575	75,660	60,810	297,645	1,208,193	1,520,918
Lease Revenue Financing	30,000	-	-	700	3,400	-	1,277	5,377	-	35,377
Proffers (Cash)	5,320	2,064	7,243	4,166	3,369	-	-	16,841	-	22,161
Revenue Sharing	15,450	4,673	5,000	5,000	5,000	5,000	5,000	29,673	800	45,923
NVTA 70%	19,500	68,381	157,035	54,000	-	-	11,899	291,315	-	310,815
NVTA 30%	19,005	10,969	12,605	4,420	4,880	5,600	3,070	41,544	-	60,549
Smart Scale	1,685	2,277	-	2,195	32,230	30,399	133,864	200,965	64,197	266,847
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	-	1,821	3,905	-	-	-	-	5,726	-	5,726
CMAQ	-	3,291	-	-	-	-	-	3,291	-	3,291
Total Financing	138,136	154,037	238,954	144,121	116,159	135,309	234,690	1,023,269	1,273,190	2,434,595

Capital Improvement Program by Functional Area
Schedule of Appropriations
Sidewalks, Signals and Traffic Calming

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Contingency - Sidewalk	2,000	815	1,000	1,000	1,000	1,000	1,000	5,815	4,000	11,815
Contingency - Traffic Calming	200	250	250	250	250	250	250	1,500	1,000	2,700
Contingency - Traffic Signal	1,000	508	750	750	750	750	750	4,258	3,000	8,258
Belmont Ridge Rd. / Legacy Park Dr. Traffic Signal	-	-	-	-	-	-	330	330	800	1,130
Harmony Middle School - Sidewalk	-	-	-	-	1,390	-	1,900	3,290	-	3,290
Intersection Improvement Program	-	1,854	-	-	13,965	15,290	15,835	46,944	56,940	103,884
Loudoun County Pkwy. - Shared-Use Path	-	-	-	-	-	-	-	-	8,435	8,435
Oakgrove Rd. - Pedestrian Improvements	-	-	967	-	-	-	-	967	-	967
Old Ryan Rd. - Pedestrian Improvements	-	-	-	-	-	-	395	395	2,490	2,885
River Creek Pkwy. - Sidewalk	-	-	-	-	1,315	-	-	1,315	-	1,315
Route 7 Pedestrian Crossings	-	855	-	1,100	1,000	4,200	-	7,155	-	7,155
Sidewalk and Trail Program	-	185	-	-	1,110	1,925	11,085	14,305	58,865	73,170
Sterling Blvd./W&OD Trail - Overpass	-	-	500	7,745	-	-	-	8,245	-	8,245
W&OD At-Grade Crossing Improvements	-	-	-	550	575	595	620	2,340	-	2,340
Total Cost	3,200	4,467	3,467	11,395	21,355	24,010	32,165	96,859	135,530	235,589
Funding Source										
Local Tax Funding - Roads	-	3,612	2,514	2,100	3,000	2,000	2,330	15,556	8,800	24,356
General Obligation Bonds	-	-	500	8,745	16,390	21,415	26,250	73,300	124,315	197,615
Lease Revenue Financing	-	855	-	-	-	-	-	855	-	855
NVTA 30%	3,200	-	-	550	1,965	595	3,585	6,695	2,415	12,310
Gas Tax	-	-	453	-	-	-	-	453	-	453
Total Financing	3,200	4,467	3,467	11,395	21,355	24,010	32,165	96,859	135,530	235,589

Capital Improvement Program by Functional Area
Schedule of Appropriations
Towns

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Town of Hamilton - Sidewalk Repair	-	-	9	-	-	-	-	9	-	9
Town of Hillsboro - Traffic Calming and Pedestrian Safety	4,800	14,612	-	-	-	-	-	14,612	-	19,412
Town of Leesburg - Evergreen Mill Rd. Widening	-	4,200	-	1,800	-	-	-	6,000	3,299	9,299
Town of Leesburg NVTA Local Distribution	9,728	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
Town of Leesburg - Tuscarora Creek Trail	-	1,800	-	-	-	-	-	1,800	-	1,800
Town of Lovettsville - Broadway Streetscapes Phase 2A	150	180	-	-	150	671	-	1,001	-	1,151
Town of Lovettsville - Pedestrian Improvements	-	-	103	62	60	178	273	676	-	676
Town of Purcellville - Berlin Turnpike Traffic Signal	-	-	-	-	-	-	-	-	700	700
Town of Purcellville - NVTA Local Distribution	2,050	459	473	480	494	513	525	2,944	2,100	7,094
Town of Purcellville - Pedestrian Linkages	-	210	-	-	-	-	-	210	-	210
Town of Purcellville - Shared-Use Path	-	-	-	-	-	-	-	-	650	650
Total Cost	16,728	23,573	2,759	4,548	2,987	3,721	3,215	40,803	16,665	74,196
Funding Source										
Local Tax Funding	-	-	9	-	-	-	-	9	-	9
Local Tax Funding - Roads	1,439	-	-	-	-	-	-	-	-	1,439
Fund Balance	-	2,500	-	-	-	-	-	2,500	-	2,500
NVTA 70%	-	12,112	-	-	-	-	-	12,112	-	12,112
NVTA 30%	15,289	8,961	2,750	4,548	2,987	3,721	3,215	26,182	16,665	58,136
Total Financing	16,728	23,573	2,759	4,548	2,987	3,721	3,215	40,803	16,665	74,196

Capital Improvement Program by Functional Area
Schedule of Appropriations
Transit

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Local Fixed-Route Bus Stop Improvements	-	1,500	2,500	-	-	-	-	4,000	-	4,000
Metro Capital Contribution	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Metro Station Area Pedestrian Improvements	-	-	275	-	-	-	-	275	-	275
Transit Buses - Acquisition	34,523	2,700	-	2,550	2,450	-	-	7,700	-	42,223
Western Loudoun Park and Ride Lot	4,376	-	-	700	1,300	1,633	-	3,633	-	8,009
Total Cost	38,899	4,200	2,775	9,650	10,450	8,733	7,400	43,208	29,600	111,707
Funding Source										
Local Tax Funding	555	-	275	-	-	-	-	275	-	830
Local Tax Funding - Roads	335	-	2,500	-	-	-	-	2,500	-	2,835
Fund Balance	-	1,500	-	-	-	-	-	1,500	-	1,500
Lease Revenue Financing	6,859	-	-	-	-	-	-	-	-	6,859
Proffers (Cash)	5,160	500	-	-	-	-	-	500	-	5,660
NVTA 70%	1,860	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Smart Scale	-	2,200	-	3,250	3,750	1,633	-	10,833	-	10,833
Gas Tax	1,244	-	-	-	-	-	-	-	-	1,244
CMAQ	3,821	-	-	-	-	-	-	-	-	3,821
State Capital Assistance	19,065	-	-	-	-	-	-	-	-	19,065
Total Financing	38,899	4,200	2,775	9,650	10,450	8,733	7,400	43,208	29,600	111,707

Capital Improvement Program by Functional Area
Schedule of Appropriations
Elementary Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
ES-23 Dulles North Area	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-24 Central Loudoun Area	-	-	-	-	-	-	-	-	64,690	64,690
ES-29 Dulles South Area	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-32 Dulles South Area	-	-	-	-	-	-	-	-	64,690	64,690
ES-34 Dulles North Area	-	-	-	-	-	-	6,840	6,840	63,600	70,440
ES-36	-	-	-	-	-	-	-	-	64,690	64,690
Total Cost	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Funding Sources										
General Obligation Bonds	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Total Financing	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980

Capital Improvement Program by Functional Area
Schedule of Appropriations
Middle Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
MS-14 Dulles North Area	-	-	-	8,460	80,310	-	-	88,770	-	88,770
MS-19	-	-	-	-	-	-	-	-	104,780	104,780
Total Cost	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
Funding Sources										
General Obligation Bonds	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
Total Financing	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550

Capital Improvement Program by Functional Area
Schedule of Appropriations
High Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
CS Monroe Conversion	1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
HS- 9 Lightridge High School	116,752	8,788	-	-	-	-	-	8,788	-	125,540
HS-14 Dulles North	-	-	-	-	-	-	-	-	181,855	181,855
HS - Stadium Synthetic Turf & Track Resurface (4)	3,800	4,148	-	-	-	-	-	4,148	-	7,948
Modular Classroom Removal (10) Briar Woods HS	-	-	-	-	-	-	375	375	-	375
Total Cost	122,302	14,765	61,364	-	-	-	375	76,504	181,855	380,661
Funding Sources										
Local Tax Funding	7,300	10,000	-	-	-	-	375	10,375	-	17,675
General Obligation Bonds	113,252	4,765	61,364	-	-	-	-	66,129	181,855	361,236
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	122,302	14,765	61,364	-	-	-	375	76,504	181,855	380,661

Capital Improvement Program by Functional Area
Schedule of Appropriations
Other School Projects

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Broadband Infrastructure	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Eastern Transportation Facility	-	-	-	-	-	-	-	-	30,495	30,495
LCPS Facility Renewals and Alterations	-	14,000	18,324	19,170	21,155	34,125	80,530	187,304	43,725	231,029
Indoor Track Facility	-	-	-	-	-	-	-	-	27,575	27,575
Tolbert ES Road Connection	-	-	-	1,000	-	-	-	1,000	-	1,000
Joint Use Dry Bulk Storage Facility	-	-	-	4,560	-	-	-	4,560	-	4,560
School Bus Radio Replacements/LCPS 900 MHZ Upgrade	-	-	-	-	10,420	-	-	10,420	-	10,420
School Bus Replacement Fund	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	37,940	91,570
Student Welcome Center	-	-	-	-	4,000	-	-	4,000	-	4,000
Valley Service Center Traffic Signal	-	-	-	-	-	-	655	655	-	655
Total Cost	5,265	22,700	27,599	34,345	43,790	42,710	90,160	261,304	139,735	406,304
Funding Sources										
Local Tax Funding	5,265	750	14,475	20,435	14,000	10,000	10,000	69,660	10,000	84,925
Fund Balance	-	5,034	-	-	-	-	-	5,034	-	5,034
General Obligation Bonds	-	16,916	4,724	5,170	11,155	24,125	71,185	133,275	91,795	225,070
Lease Revenue Financing	-	-	8,400	8,740	18,635	8,585	8,975	53,335	37,940	91,275
Total Financing	5,265	22,700	27,599	34,345	43,790	42,710	90,160	261,304	139,735	406,304

Operating Impact Analysis

The cost of opening and operating facilities is evaluated during the development of a capital project. The County identifies personnel, operating, utility, and maintenance expenditures to staff and open a new facility. This section details the estimated operating impacts related to facilities scheduled to open during the six-year CIP planning period. The table provides an analysis of:

- The number and cost of personnel required to staff new or expanded facilities for each CIP category;
- Recurring operating costs related to new or expanded facilities, including utility and maintenance costs for both the program department and centralized maintenance expenditures within the Department of General Services; and
- Annual debt service payments related to the facility (as applicable).

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

For new facilities, the impact of staffing and operating the facility is presented. For facility renovations and expansions, where the facility was already in operation prior to being expanded or renovated, the personnel, operating and FTE estimates, if any, represent the incremental increase above current staffing levels and costs required to operate the facility. The estimated number of new personnel (FTE) required to operate a facility is shown in the year in which the personnel are projected to be hired. In some cases, personnel may be hired prior to a facility's opening date in order to provide training, set up operations, and other pre-opening activities.

All expenditure estimates for each facility are calculated to represent FY 2019 costs. To provide a greater level of accuracy in estimating future operating costs, personnel costs are escalated annually by 3 percent and operating costs are escalated annual by 1 percent for every year after FY 2019.

Each capital project page in the CIP budget document includes a summary table that reports the project's estimated gross operating and personnel cost impacts on the County's operating budget. If a capital project has no net impact to the County's operating budget, no operating impact table is provided on the project page. FY 2020 and FY 2021 operating impacts are included in the FY 2020 Adopted and FY 2021 Projected columns in the financial summary tables for program departments' narratives in Volume 1.

County Capital Projects (in thousands)

Category/Project	Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Administration and Information Technology								
Land Acquisition Fund	Debt	0	0	468	731	1,196	1,345	3,740
Major Computer Systems	Debt	0	123	1,018	1,575	1,514	1,453	5,682
Public Safety Radio Tower Expansion Program	Debt	35	138	135	131	128	125	692
Public Safety Radio System Redundant Master/Prime Site	Debt	36	272	267	252	246	231	1,304
Total – Administration and Information Technology	**Debt**	71	533	1,887	2,689	3,084	3,154	11,418
General Government								
Consolidated Shops & Warehouse	O&M	1,291	1,303	1,316	1,330	1,343	1,356	7,939
	Debt	0	100	395	473	721	702	2,390
Eastern Services Center	Debt	0	0	0	0	0	431	431
General Government Office Space – Sycolin Rd Phase I	Debt	0	0	0	0	143	827	970
Landfill Sequence IA Cap & Closure	Debt	0	38	148	144	141	137	608
Landfill Sequence V Closure	Debt	0	34	262	629	618	597	2,140
Landfill – Construction and Debris Disposal Unit	FTE	0.00	2.00	0.00	0.00	0.00	0.00	2.00
	Pers.	0	141	145	149	154	159	748
	O&M	0	8	8	8	8	8	39
	Capital	0	35	0	0	0	0	35
	Revenue	0	(184)	(153)	(157)	(162)	(167)	(822)
County Renovation Program	Debt	0	0	0	50	198	193	440
Total – General Government	**FTE**	**0.00**	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**
	Pers.	**0**	**141**	**145**	**149**	**154**	**159**	**748**
	O&M	**1,291**	**1,311**	**1,324**	**1,337**	**1,351**	**1,364**	**7,979**
	Capital	**0**	**35**	**0**	**0**	**0**	**0**	**35**
	Debt	**0**	**171**	**805**	**1,296**	**1,819**	**2,886**	**6,978**
	Revenue	**0**	**(184)**	**(153)**	**(157)**	**(162)**	**(167)**	**(822)**
Health and Welfare								
DS Group Residence – Eastern Loudoun	FTE	0.00	0.00	0.00	0.33	0	0	0.33
	Pers.	0	0	0	25	26	26	77
	O&M	0	0	0	21	21	21	63
	Debt	0	0	76	333	324	315	1,048
Total – Health and Welfare	**FTE**	**0.00**	**0.00**	**0.00**	**0.33**	**0**	**0**	**0.33**
	Pers.	**0**	**0**	**0**	**25**	**26**	**26**	**77**
	O&M	**0**	**0**	**0**	**21**	**21**	**21**	**63**
	Debt	**0**	**0**	**76**	**379**	**370**	**362**	**1,048**

Operating Impact Analysis

Category/Project	Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Parks, Recreation, and Culture								
Ashburn Recreation and Community Center	FTE	0.00	0.00	0.00	2.50	76.34	0.00	78.8
	Pers.	0	0	0	93	4,272	4,400	8,765
	O&M	0	0	0	0	1,875	1,894	3,768
	Debt	0	0	0	0	1,840	3,323	5,163
	Revenue	0	0	0	0	(3,226)	(3,258)	(6,484)
Ashburn Senior Center	FTE	0.00	0.00	12.00	0.00	0.00	0.00	12.0
	Pers.	0	0	741	763	786	810	3,100
	O&M	0	0	229	232	234	236	932
	Revenue	0	0	(109)	(110)	(111)	(112)	(443)
Bolen Park Phase II	O&M	0	0	0	0	0	59	59
	Debt	0	0	0	302	505	594	1,401
Brambleton Library	Pers.	2,491	2,530	2,606	2,684	2,765	2,848	15,923
	O&M	819	827	836	844	853	861	5,040
	Debt	0	145	572	557	543	528	2,345
Children's Science Center	Debt	0	0	0	200	995	1,470	2,665
Fields Farm Park	Debt	0	0	0	200	695	1,178	2,073
Franklin Park to Purcellville Trail	Debt	0	0	0	0	128	497	624
Hal & Berni Hanson Regional Park	FTE	0.00	0.00	0.00	2.00	18.62	0.00	20.62
	Pers.	0	0	0	161	1,167	1,202	2,531
	O&M	0	0	0	778	1,258	1,271	3,307
	Debt	0	0	0	1,362	2,468	3,156	6,986
	Revenue	0	0	0	(150)	(152)	(153)	(455)
Lovettsville District Park – Phase II	FTE	0.00	0.00	0.00	9.84	0.00	0.00	9.84
	Pers.	0	0	0	544	560	577	1,681
	O&M	0	0	0	105	106	107	318
	Debt	0	0	0	500	752	731	1,983
Moorefield Station Community Park	FTE	0.00	0.00	0.25	0.50	0.00	0.00	0.75
	Pers.	0	0	8	15	15	16	54
	O&M	0	0	25	25	25	25	101
Scott Jenkins – Phase III	FTE	0.00	0.50	0.84	0.00	0.00	0.00	1.34
	Pers.	0	15	38	40	41	42	176
	O&M	0	25	29	30	30	30	144
	Debt	0	0	0	178	173	169	520
Total – Parks, Recreation, and Culture	**FTE**	**0.00**	**0.50**	**13.09**	**14.84**	**94.96**	**0.00**	**123.39**
	Pers.	**2,491**	**2,545**	**3,393**	**4,300**	**9,607**	**9,895**	**32,231**
	O&M	**819**	**853**	**1,120**	**2,013**	**4,381**	**4,484**	**13,669**
	Debt	**0**	**145**	**572**	**3,299**	**8,099**	**11,644**	**23,758**
	Revenue	**0**	**0**	**(109)**	**(260)**	**(3,489)**	**(3,524)**	**(7,382)**

Operating Impact Analysis

Category/Project	Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Public Safety								
Animal Services Facility	FTE	0.00	1.00	7.00	0.00	0.00	0.00	8.00
	Pers.	0	13	683	704	725	747	2,872
	O&M	0	0	336	339	343	346	1,364
	Capital	0	0	33	33	34	34	134
	Debt	0	0	793	1,009	979	954	3,735
Courts Complex Phase III	FTE	0.00	15.00	19.00	12.00	1.00	0.00	47.00
	Pers.	0	881	3,188	4,359	4,657	4,797	17,882
	O&M	68	292	600	1,535	1,600	1,616	5,710
	Debt	0	500	2,625	4,801	6,360	7,391	21,677
Fire and Rescue Academy Expansion	FTE	0.00	0.00	0.00	0.00	1.00	0.00	1.00
	Pers.	0	0	0	0	81	84	165
	O&M	0	0	0	0	151	153	151
	Debt	0	0	0	0	0	230	230
Fire and Rescue Recruit Training Facility	FTE	0	0	0	0	1.00	0.00	1.00
	Pers.	0	0	0	0	77	79	156
	O&M	0	0	0	0	48	48	96
	Debt	0	0	0	288	435	585	1,308
Juvenile Detention Center Phase II	Debt	0	0	0	0	0	280	280
Fire Station Storage Sheds	Debt	0	0	0	60	59	57	176
Station #04 – Round Hill Station Replacement	FTE	0.00	0.00	0.00	5.00	1.00	0.00	6.00
	Pers.	0	0	0	502	517	532	1,551
	O&M	0	0	0	457	461	466	1,384
	Capital	0	0	0	14	15	15	44
	Debt	0	0	0	539	1,026	1,469	3,034
Station #07 – Aldie Station Replacement	FTE	0.00	0.00	0.00	25.33	0.00	0.00	25.33
	Pers.	0	0	0	2,374	2,445	2,519	7,339
	O&M	0	0	0	778	786	793	2,357
	Debt	0	0	0	38	211	528	776
Station #28 – Leesburg South Station	Debt	0	0	0	110	217	382	709
Total – Public Safety	**FTE**	**0.00**	**16.00**	**26.00**	**42.33**	**4.00**	**0.00**	**88.33**
	Pers.	**0**	**894**	**3,871**	**8,237**	**8,503**	**8,758**	**30,263**
	O&M	**68**	**292**	**936**	**3,109**	**3,388**	**3,422**	**11,062**
	Capital	**0**	**0**	**33**	**48**	**48**	**49**	**178**
	Debt	**0**	**500**	**3,418**	**6,844**	**9,286**	**11,875**	**31,923**

Operating Impact Analysis

Transportation Projects (in thousands)

Category/Project	Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Roads								
Braddock Rd Widening (Royal Hunter / Paul VI East)	Debt	0	0	0	638	1,373	2,130	4,140
Croson Ln (Claiborne Pkwy / Old Ryan Rd)	Debt	0	0	0	0	279	272	550
Crosstrail Blvd (Kincaid Blvd / Russell Branch Pkwy)	Debt	0	0	1,650	3,159	3,079	2,999	10,886
Dulles West Blvd (Arcola / Northstar)	Debt	0	0	0	0	0	300	300
Farmwell Road Intersection Improvements	Debt	0	0	0	280	973	1,710	2,963
Intelligent Transportation System	Debt	0	0	0	0	0	32	32
Prentice Rd	Debt	0	0	0	0	500	1,288	1,788
Route 9 / Route 287 Roundabout	Debt	0	0	100	98	395	974	1,566
Route 50 North Collector Road	Debt	0	0	0	0	229	512	741
Route 50 & Trailhead Drive - Roundabout	Debt	0	0	221	853	832	810	2,715
Rt 7 / Hillsboro Rd Interchange	Debt	0	0	0	0	0	761	761
Route 15 North from Montresor to Point of Rocks	Debt	0	0	0	0	0	250	250
Shellhorn Dr. (Lo. Co. Pkwy / Randolph Dr)	Debt	0	0	400	390	380	1,088	2,258
Westwind Drive (State St / Ladbrook Dr)	Debt	0	0	0	790	1,170	1,718	3,678
Sycolin Road Widening	Debt	0	0	0	0	0	208	208
Total – Roads	**Debt**	**0**	**0**	**2,371**	**6,207**	**9,247**	**15,205**	**33,030**
Sidewalks, Signals, and Traffic Calming								
Intersection Improvements	FTE	2.00	0.00	1.00	0.00	0.00	0.00	3.00
	Pers.	238	196	357	312	321	331	1,756
	Debt	0	0	0	0	1,300	2,629	3,928
Sidewalk and Trail Program	Debt	0	0	0	0	111	299	410
River Creek Pkwy – Sidewalk	Debt	0	0	0	0	131	128	258
Sterling Blvd/W&OD Overpass	Debt	0	0	50	131	516	810	1,507
Rt 7 Pedestrian Improvements	Debt	0	0	0	100	98	305	503
Total – Sidewalks, Signals, and Traffic Calming	**FTE**	**2.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**	**3.00**
	Pers.	**238**	**196**	**357**	**312**	**321**	**331**	**1,756**
	Debt	**0**	**0**	**50**	**231**	**2,155**	**4,170**	**6,606**
Transit								
Transit Bus Acquisition	O&M	0	0	258	0	274	282	813
Total – Transit	**O&M**	**0**	**0**	**258**	**0**	**274**	**282**	**813**

School Projects (in thousands)

Category/Project	Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Elementary Schools								
ES-23 Dulles North	Debt	0	0	1,500	2,993	3,798	3,701	11,992
ES-29 Dulles North	Debt	0	0	1,500	2,993	3,798	3,701	11,992
Total – Elementary Schools	**Debt**	**0**	**0**	**3,000**	**5,986**	**7,597**	**7,401**	**23,984**
Middle Schools								
MS-14 Dulles North	Debt	0	0	0	550	4,277	7,689	12,515
Total – Middle Schools	**Debt**	**0**	**0**	**0**	**550**	**4,277**	**7,689**	**12,515**
High Schools								
CS Monroe Technology Center	Debt	0	0	1,069	3,445	5,177	6,247	15,938
HS-9 Lightridge High School	Debt	0	0	5,000	5,847	5,698	5,554	22,099
HS – Stadium Synthetic Turf & Track Resurface	Debt	0	0	192	187	182	178	739
Total – High Schools	**Debt**	**0**	**0**	**6,261**	**9,480**	**11,058**	**11,978**	**38,777**
Division/Other School Projects								
Broadband Infrastructure	Debt	0	22	110	173	169	164	637
School Bus Radio Replacements/900MHZ System Upgrade	Debt	0	0	0	261	1,974	1,899	4,134
Facility Renewals and Alternations Program	Debt	0	0	856	1,484	2,621	4,193	9,155
School Bus Replacement Fund	Debt	0	188	1,621	3,066	4,522	5,986	15,383
Total – Division/Other School Projects	**Debt**	**0**	**210**	**2,587**	**4,984**	**9,285**	**12,243**	**29,309**

Comparison Tables

County Capital Projects

Administration and Information Technology	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Land Acquisition - Courts Expansion									
Proposed FY 2020 CIP	1,000	-	-	-	-	-	1,000	-	2,000
Local Tax Funding	1,000	-	-	-	-	-	1,000	-	2,000
Adopted FY 2019 CIP	1,000	1,500	-	-	-	-	2,500	-	3,500
Local Tax Funding	1,000	1,500	-	-	-	-	2,500	-	3,500
Land Acquisition - Eastern DS Group Residence									
Proposed FY 2020 CIP	480	-	-	-	-	-	480	-	480
Local Tax Funding	480	-	-	-	-	-	480	-	480
Adopted FY 2019 CIP	480	-	-	-	-	-	480	-	480
Local Tax Funding	480	-	-	-	-	-	480	-	480
Land Acquisition Fund									
Proposed FY 2020 CIP	-	6,635	11,130	44,035	21,680	-	83,480	19,305	350,102
Local Tax Funding	-	2,730	8,030	38,755	19,880	-	69,395	19,305	182,916
General Obligation Bonds	-	-	-	-	-	-	-	-	52,475
Fund Balance	-	-	-	-	-	-	-	-	36,934
State Capital Assistance	-	-	-	-	-	-	-	-	4,598
Proffers (Cash)	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	-	-	-	-	-	-	-	-	51,409
Lease Revenue Financing	-	3,905	3,100	5,280	1,800	-	14,085	-	19,915
Adopted FY 2019 CIP	-	-	7,990	-	23,680	9,115	40,785	5,475	293,577
Local Tax Funding	-	-	7,990	-	18,695	9,115	35,800	5,475	135,491
VPSA Bonds	-	-	-	-	4,985	-	4,985	-	4,985
General Obligation Bonds	-	-	-	-	-	-	-	-	52,475
Fund Balance	-	-	-	-	-	-	-	-	36,934
State Capital Assistance	-	-	-	-	-	-	-	-	4,598
Proffers (Cash)	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	-	-	-	-	-	-	-	-	51,409
Lease Revenue Financing	-	-	-	-	-	-	-	-	5,830

Administration and Information Technology	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Major Computer Systems									
Proposed FY 2020 CIP	6,612	5,200	-	-	-	-	11,812	-	73,212
Local Tax Funding	650	5,200	-	-	-	-	5,850	-	6,950
Fund Balance	3,600	-	-	-	-	-	3,600	-	40,000
Lease Revenue Financing	2,362	-	-	-	-	-	2,362	-	26,262
Adopted FY 2019 CIP	5,000	1,300	-	-	-	-	6,300	-	71,300
Local Tax Funding	-	-	-	-	-	-	-	-	1,100
Fund Balance	-	-	-	-	-	-	-	-	40,000
Lease Revenue Financing	5,000	1,300	-	-	-	-	6,300	-	30,200
Data Center and Fiber Plant Relocation									
Proposed FY 2020 CIP	-	1,765	-	-	-	-	1,765	-	1,765
Local Tax Funding	-	1,765	-	-	-	-	1,765	-	1,765
Fiber Backbone Replacement/I-Net									
Proposed FY 2020 CIP	-	-	695	-	-	-	695	-	695
Local Tax Funding	-	-	695	-	-	-	695	-	695
Public Safety 911 Phone Switch Replacement									
Proposed FY 2020 CIP	-	-	-	2,300	-	-	2,300	-	2,300
Local Tax Funding	-	-	-	2,300	-	-	2,300	-	2,300
Adopted FY 2019 CIP	-	-	-	2,300	-	-	2,300	-	2,300
Lease Revenue Financing	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety Handheld Radio Replacements									
Proposed FY 2020 CIP	-	-	-	9,745	-	-	9,745	-	9,745
Local Tax Funding	-	-	-	9,745	-	-	9,745	-	9,745
Adopted FY 2019 CIP	-	-	-	9,500	-	-	9,500	-	9,500
Lease Revenue Financing	-	-	-	9,500	-	-	9,500	-	9,500
Public Safety Radio Tower Expansion Program									
Proposed FY 2020 CIP	1,400	600	2,765	-	2,550	-	7,315	8,875	16,190
Local Tax Funding	-	600	2,765	-	2,550	-	5,915	8,875	14,790
Fund Balance	1,400	-	-	-	-	-	1,400	-	1,400
Adopted FY 2019 CIP	1,400	-	-	-	-	-	1,400	-	1,400
Lease Revenue Financing	1,400	-	-	-	-	-	1,400	-	1,400

Administration and Information Technology	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Public Safety Radio System Redundant Master/Prime Site									
Proposed FY 2020 CIP	1,450	-	-	-	-	-	1,450	-	3,075
Local Tax Funding	-	-	-	-	-	-	-	-	1,625
Fund Balance	1,450	-	-	-	-	-	1,450	-	1,450
Adopted FY 2019 CIP	1,450	-	-	-	-	-	1,450	-	3,075
Local Tax Funding	-	-	-	-	-	-	-	-	1,625
Lease Revenue Financing	1,450	-	-	-	-	-	1,450	-	1,450
School Radio Coverage Program									
Proposed FY 2020 CIP	500	600	600	-	-	-	1,700	-	1,700
Local Tax Funding	500	600	600	-	-	-	1,700	-	1,700
Adopted FY 2019 CIP	500	-	-	-	-	-	500	-	500
Local Tax Funding	500	-	-	-	-	-	500	-	500
General Government	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**6-Year Total**	**Future FYs**	**Project Total**
Capital Project Management									
Proposed FY 2020 CIP	6,646	2,326	2,306	2,375	2,447	2,520	18,620	10,080	28,613
Local Tax Funding	6,646	2,326	2,306	2,375	2,447	2,520	18,620	10,080	28,613
Adopted FY 2019 CIP	6,646	6,845	7,050	7,262	7,480	7,704	36,341	76,185	119,172
Local Tax Funding	6,646	6,845	7,050	7,262	7,480	7,704	36,341	76,185	119,172
Capital Project Management Consulting Services									
Proposed FY 2020 CIP	4,250	4,541	1,587	1,634	1,683	1,734	15,429	6,935	22,364
Local Tax Funding	4,250	4,541	1,587	1,634	1,683	1,734	15,429	6,935	22,364
Adopted FY 2019 CIP	4,250	4,288	1,250	1,250	1,250	1,250	13,538	5,000	18,538
Local Tax Funding	4,250	4,288	1,250	1,250	1,250	1,250	13,538	5,000	18,538
CIP Contingency									
Proposed FY 2020 CIP	23,428	13,662	4,500	2,500	2,500	2,500	49,090	10,000	59,090
Local Tax Funding	2,450	13,377	4,500	2,500	2,500	2,500	27,827	10,000	37,827
Local Tax Funding $0.02	-	285	-	-	-	-	285	-	285
Fund Balance	20,978	-	-	-	-	-	20,978	-	20,978
Adopted FY 2019 CIP	2,450	2,500	2,500	2,500	2,500	2,500	14,950	5,000	19,950
Local Tax Funding	2,450	2,500	2,500	2,500	2,500	2,500	14,950	5,000	19,950

General Government	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Consolidated Shops & Warehouse									
Proposed FY 2020 CIP	-	4,000	3,500	-	-	-	7,500	-	7,500
Lease Revenue Financing	-	4,000	3,500	-	-	-	7,500	-	7,500
Adopted FY 2019 CIP	-	4,000	3,500	-	-	-	7,500	-	7,500
Lease Revenue Financing	-	4,000	3,500	-	-	-	7,500	-	7,500
County Renovation Program									
Proposed FY 2020 CIP	2,638	1,400	1,000	7,000	5,000	5,000	22,038	4,000	26,038
Lease Revenue Financing	2,638	-	-	2,000	-	-	4,638	-	4,638
Local Tax Funding	-	1,400	1,000	5,000	5,000	5,000	17,400	4,000	21,400
Eastern Services Center									
Proposed FY 2020 CIP	-	-	-	-	-	17,250	17,250	-	17,250
Lease Revenue Financing	-		-	-	-	17,250	17,250	-	17,250
Adopted FY 2019 CIP	-	-	-	-	-	17,250	17,250	-	17,250
Lease Revenue Financing	-	-	-	-	-	17,250	17,250	-	17,250
General Government Office Space - Sycolin Road Phase I									
Proposed FY 2020 CIP	-	-	-	-	15,965	97,380	113,345	10,128	123,473
Lease Revenue Financing	-	-	-	-	15,965	97,380	113,345	10,128	123,473
Adopted FY 2019 CIP	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Lease Revenue Financing	-	-	-	-	15,565	97,380	112,945	10,128	123,073
Landfill - Construction Demolition Debris Unit									
Proposed FY 2020 CIP	5,100	1,080	-	-	-	-	6,180	-	6,180
Landfill Revenues	5,100	1,080	-	-	-	-	6,180	-	6,180
Landfill - Leachate System Upgrade									
Proposed FY 2020 CIP	-	2,600	-	-	-	-	2,600	-	2,600
Landfill Revenues	-	2,600	-	-	-	-	2,600	-	2,600
Landfill - Sequence 1A Cap									
Proposed FY 2020 CIP	-	1,500	-	-	-	-	1,500	-	1,500
Lease Revenue Financing	-	1,500	-	-	-	-	1,500	-	1,500
Adopted FY 2019 CIP	-	1,500	-	-	-	-	1,500	-	1,500
Lease Revenue Financing	-	1,500	-	-	-	-	1,500	-	1,500

General Government	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Landfill - Sequence V Closure									
Proposed FY 2020 CIP	1,350	5,060	-	-	-	-	6,410	-	6,410
Lease Revenue Financing	1,350	5,060	-	-	-	-	6,410	-	6,410
Adopted FY 2019 CIP	1,350	5,060	-	-	-	-	6,410	-	6,410
Lease Revenue Financing	1,350	5,060	-	-	-	-	6,410	-	6,410
Storm Water Management									
Proposed FY 2020 CIP	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	69,744
Local Tax Funding	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	69,744
Adopted FY 2019 CIP	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	73,673
Local Tax Funding	5,860	6,150	6,460	6,780	7,119	7,475	39,844	33,829	73,673
Town of Hillsboro - Old Stone School/Town Hall									
Proposed FY 2020 CIP	243	184	-	-	-	-	427	-	507
Cash Proffer - Interest	243	184	-	-	-	-	427	-	507
Adopted FY 2019 CIP	243	-	-	-	-	-	243	-	323
Cash Proffer - Interest	243	-	-	-	-	-	243	-	323
Town of Purcellville - Bush Tabernacle									
Proposed FY 2020 CIP	-	-	300	-	-	-	300	-	300
Local Tax Funding	-	-	300	-	-	-	300	-	300
Water/Wastewater Fund									
Proposed FY 2020 CIP	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750
Local Tax Funding	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750
Adopted FY 2019 CIP	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750
Local Tax Funding	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	24,750

Health and Welfare	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Adolescent Independent Living Residence									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	6,646	6,646
Lease Revenue Financing	-	-	-	-	-	-	-	6,646	6,646
Adopted FY 2019 CIP	-	-	-	-	-	-	-	6,646	6,646
Lease Revenue Financing	-	-	-	-	-	-	-	6,646	6,646

Health and Welfare	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
DS Group Residence - Eastern Loudoun									
Proposed FY 2020 CIP	-	-	3,055	-	-	-	3,055	-	3,055
Lease Revenue Financing	-	-	3,055	-	-	-	3,055	-	3,055
Adopted FY 2019 CIP	-	-	2,375	-	-	-	2,375	-	2,375
Lease Revenue Financing	-	-	2,375	-	-	-	2,375	-	2,375

Parks, Recreation, and Culture	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Ashburn Recreation & Community Center									
Proposed FY 2020 CIP	-	-	15,460	-	-	-	15,460	-	86,390
Cash Proffers	-	-	3,320	-	-	-	3,320	-	29,980
General Obligation Bonds	-	-	-	-	-	-	-	-	44,270
Lease Revenue Financing	-	-	12,140	-	-	-	12,140	-	12,140
Adopted FY 2019 CIP	-	-	15,000	-	-	-	15,000	-	85,930
Cash Proffers	-	-	-	-	-	-	-	-	26,660
Lease Revenue Financing	-	-	15,000	-	-	-	15,000	-	15,000
General Obligation Bonds	-	-	-	-	-	-	-	-	44,270
Ashburn Senior Center									
Proposed FY 2020 CIP	1,200	-	-	-	-	-	1,200	-	9,485
Cash Proffers	1,200	-	-	-	-	-	1,200	-	9,485
Adopted FY 2019 CIP	1,200	-	-	-	-	-	1,200	-	9,485
Cash Proffers	1,200	-	-	-	-	-	1,200	-	9,485
Brambleton Library									
Proposed FY 2020 CIP	680	9,839	-	-	-	-	10,519	-	10,519
Cash Proffers	680	9,839	-	-	-	-	10,519	-	10,519
Lease Revenue Financing	-	-	-	-	-	-	-	-	-
Adopted FY 2019 CIP	680	9,839	-	-	-	-	10,519	-	10,519
Cash Proffers	680	4,059	-	-	-	-	4,739	-	4,739
Lease Revenue Financing	-	5,780	-	-	-	-	5,780	-	5,780
Brambleton West Park Improvements									
Proposed FY 2020 CIP	-	125	1,500	-	-	-	1,625	-	1,625
Local Tax Funding	-	125	1,500	-	-	-	1,625	-	1,625
Broad Run Stream Valley Linear Park									
Proposed FY 2020 CIP	-	-	-	-	-	1,000	1,000	23,850	24,850
General Obligation Bonds	-	-	-	-	-	1,000	1,000	23,850	24,850
Children's Science Center									
Proposed FY 2020 CIP	-	-	15,000	-	-	-	15,000	-	15,000
General Obligation Bonds	-	-	15,000	-	-	-	15,000	-	15,000

Parks, Recreation, and Culture	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Dulles Adult Day Center									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	10,345	10,345
General Obligation Bonds	-	-	-	-	-	-	-	10,345	10,345
Dulles South Neighborhood Park									
Proposed FY 2020 CIP	-	-	-	-	-	1,200	1,200	8,323	9,523
General Obligation Bonds	-	-	-	-	-	1,200	1,200	8,323	9,523
Fields Farm Park									
Proposed FY 2020 CIP	-	-	3,730	25,835	-	-	29,565	-	31,425
Local Tax Funding	-	-	380	-	-	-	380	-	2,240
General Obligation Bonds	-	-	3,350	25,835	-	-	29,185	-	29,185
Adopted FY 2019 CIP	-	-	3,350	25,835	-	-	29,185	-	31,045
Local Tax Funding	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	-	-	3,350	25,835	-	-	29,185	-	29,185
Franklin Park to Purcellville - Trail									
Proposed FY 2020 CIP	-	-	-	5,390	-	-	5,390	-	5,910
Local Tax Funding	-	-	-	390	-	-	390	-	910
General Obligation Bonds	-	-	-	5,000	-	-	5,000	-	5,000
Adopted FY 2019 CIP	-	-	-	5,000	-	-	5,000	-	5,520
Local Tax Funding	-	-	-	-	-	-	-	-	520
General Obligation Bonds	-	-	-	5,000	-	-	5,000	-	5,000
Goose Creek Stream Valley Linear Park									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	8,425	8,425
General Obligation Bonds	-	-	-	-	-	-	-	8,425	8,425
Hal & Berni Hanson Regional Park									
Proposed FY 2020 CIP	14,800	-	-	-	-	-	14,800	-	91,165
Land Sale Proceeds	-	-	-	-	-	-	-	-	5,000
Local Tax Funding	-	-	-	-	-	-	-	-	90
Cash Proffers	14,800	-	-	-	-	-	14,800	-	57,480
Lease Revenue Financing	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	28,595
Adopted FY 2019 CIP	14,800	-	-	-	-	-	14,800	-	91,165
Land Sale Proceeds	-	-	-	-	-	-	-	-	5,000
Local Tax Funding	-	-	-	-	-	-	-	-	90
Cash Proffers	5,223	-	-	-	-	-	5,223	-	47,903
Lease Revenue Financing	9,577	-	-	-	-	-	9,577	-	9,577
General Obligation Bonds	-	-	-	-	-	-	-	-	28,595

Parks, Recreation, and Culture	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Loudoun State Park									
Proposed FY 2020 CIP	2,916	-	-	-	-	-	2,916	-	2,916
Local Tax Funding	2,916	-	-	-	-	-	2,916	-	2,916
Adopted FY 2019 CIP	-	-	-	-	-	-	-	-	-
Local Tax Funding	-	-	-	-	-		-	-	-
Lovettsville District Park - Phase II									
Proposed FY 2020 CIP	-	-	5,060	-	-	-	5,060	-	5,060
Local Tax Funding	-	-	380	-	-	-	380	-	380
General Obligation Bonds	-	-	4,680	-	-	-	4,680	-	4,680
Adopted FY 2019 CIP	-	-	4,680	-	-	-	4,680	-	4,680
General Obligation Bonds	-	-	4,680	-	-		4,680	-	4,680
Philip A. Bolen Park - Phase II									
Proposed FY 2020 CIP	-	700	7,025	-	-	-	7,725	-	8,225
Local Tax Funding	-	700	850	-	-	-	1,550	-	1,550
Fund Balance	-	-	-	-	-	-	-	-	500
General Obligation Bonds	-	-	6,175	-	-	-	6,175	-	6,175
Adopted FY 2019 CIP	-	-	6,725	-	-	-	6,725	-	7,225
Local Tax Funding	-	-	550	-	-	-	550	-	550
Fund Balance	-	-	-	-	-	-	-	-	500
General Obligation Bonds	-	-	6,175	-	-	-	6,175	-	6,175
Potomac Sportsplex - Field Improvements									
Proposed FY 2020 CIP	1,451	-	2,575	-	-	-	4,026	-	4,026
Cash Proffers	1,451	-	-	-	-	-	1,451	-	1,451
Local Tax Funding	-	-	2,575	-	-	-	2,575	-	2,575
Scott Jenkins Memorial Park - Phase III									
Proposed FY 2020 CIP	-	-	2,635	-	-	-	2,635	-	2,635
Local Tax Funding	-	-	880	-	-	-	880	-	880
General Obligation Bonds	-	-	1,755	-	-	-	1,755	-	1,755
Adopted FY 2019 CIP	-	-	2,255	-	-	-	2,255	-	2,255
Local Tax Funding	-	-	500	-	-	-	500	-	500
General Obligation Bonds	-	-	1,755	-	-	-	1,755	-	1,755
STEM Library									
Proposed FY 2020 CIP	-	-	-	-	-	4,430	4,430	51,051	55,481
Local Tax Funding	-	-	-	-	-	-	-	445	445
General Obligation Bonds	-	-	-	-	-	4,430	4,430	50,606	55,036
Adopted FY 2019 CIP	-	-	5,900	41,100	-	-	47,000	-	47,000
General Obligation Bonds	-	-	5,900	41,100	-	-	47,000	-	47,000

Parks, Recreation, and Culture	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future FYs	Project Total
Sterling Neighborhood Park									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	14,965	14,965
General Obligation Bonds	-	-	-	-	-	-	-	14,965	14,965
Teen Center									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	16,885	16,885
General Obligation Bonds	-	-	-	-	-	-	-	16,885	16,885
Town of Hamilton - Hamilton Community Park									
Proposed FY 2020 CIP	50	-	-	-	-	-	50	-	50
Local Tax Funding	50	-	-	-	-	-	50	-	50
Adopted FY 2019 CIP	50	-	-	-	-	-	50	-	50
Local Tax Funding	50	-	-	-	-	-	50	-	50
Town of Leesburg - Veteran's Park									
Proposed FY 2020 CIP	-	-	4,000	-	-	-	4,000	-	4,000
Local Tax Funding	-	-	4,000	-	-	-	4,000	-	4,000
Adopted FY 2019 CIP	-	-	4,000	-	-	-	4,000	-	4,000
Local Tax Funding	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park									
Proposed FY 2020 CIP	185	-	-	-	-	-	185	-	423
Cash Proffers - Interest	185	-	-	-	-	-	185	-	423
Adopted FY 2019 CIP	185	-	-	-	-	-	185	-	423
Cash Proffers - Interest	185	-	-	-	-	-	185	-	423
Western Loudoun Recreation Center									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	103,575	103,575
General Obligation Bonds	-	-	-	-	-	-	-	103,575	103,575
Adopted FY 2019 CIP	-	-	-	-	-	-	-	103,575	103,575
General Obligation Bonds							-	103,575	103,575

Public Safety	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year	Future FYs	Project
Animal Services Building									
Proposed FY 2020 CIP	6,800	-	-	-	-	-	6,800	-	25,786
Local Tax Funding	4,400	-	-	-	-	-	4,400	-	8,016
General Obligation Bonds	2,400	-	-	-	-	-	2,400	-	17,770
Adopted FY 2019 CIP	2,400	-	-	-	-	-	2,400	-	21,386
Local Tax Funding	-	-	-	-	-	-	-	-	3,616
General Obligation Bonds	2,400	-	-	-	-	-	2,400	-	17,770
Courts Complex Phase III									
Proposed FY 2020 CIP	10,000	-	17,600	-	-	-	27,600	-	107,295
Local Tax Funding	-	-	285	-	-	-	285	-	2,295
Lease Revenue Financing	10,000	-	17,600	-	-	-	27,600	-	105,000
Adopted FY 2019 CIP	10,000	-	17,600	-	-	-	27,600	-	107,010
Local Tax Funding	-	-	-	-	-	-	-	-	2,010
Lease Revenue Financing	10,000	-	17,600	-	-	-	27,600	-	105,000
F&R - Capital Apparatus									
Proposed FY 2020 CIP	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	34,393
Local Tax Funding	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	34,393
Adopted FY 2019 CIP	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	34,393
Local Tax Funding	3,000	3,090	3,183	3,278	3,377	3,478	19,405	14,988	34,393
F&R - Recruit Training Facility (formerly Vehicle Annex)									
Proposed FY 2020 CIP	750	-	5,660	-	-	-	6,410	-	6,410
Local Tax Funding	750	-	390	-	-	-	1,140	-	1,140
General Obligation Bonds	-	-	5,270	-	-	-	5,270	-	5,270
Adopted FY 2019 CIP	-	-	-	640	5,700	-	6,340	-	6,340
Local Tax Funding	-	-	-	640	-	-	640	-	640
General Obligation Bonds	-	-	-	-	5,700	-	5,700	-	5,700
F&R - Station Storage Sheds									
Proposed FY 2020 CIP	-	-	650	-	-	-	650	-	650
Local Tax Funding	-	-	50	-	-	-	50	-	50
Lease Revenue Financing	-	-	600	-	-	-	600	-	600

Public Safety	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year	Future FYs	Project
F&R - Training Academy Center Expansion									
Proposed FY 2020 CIP	-	-	-	1,240	7,030	-	8,270	-	8,270
Local Tax Funding	-	-	-	1,240	-	-	1,240	-	1,240
General Obligation Bonds	-	-	-	-	7,030	-	7,030	-	7,030
Adopted FY 2019 CIP	750	-	6,500	-	-	-	7,250	-	7,250
Local Tax Funding	750	-	-	-	-	-	750	-	750
General Obligation Bonds	-	-	6,500	-	-	-	6,500	-	6,500
F&R - Training Tower									
Proposed FY 2020 CIP	-	-	-	-	-	400	400	3,600	4,000
Local Tax Funding	-	-	-	-	-	400	400	3,600	4,000
Adopted FY 2019 CIP	-	500	-	-	-	-	500	-	500
Local Tax Funding	-	500	-	-	-	-	500	-	500
Juvenile Detention Center - Phase II									
Proposed FY 2020 CIP	-	-	-	-	5,595	-	5,595	-	5,595
Lease Revenue Financing	-	-	-	-	5,595	-	5,595	-	5,595
Adopted FY 2019 CIP	-	-	-	-	5,195	-	5,195	-	5,195
Lease Revenue Financing	-	-	-	-	5,195	-	5,195	-	5,195
Station #04 - Round Hill Station Replacement									
Proposed FY 2020 CIP	1,900	-	17,580	-	-	-	19,480	-	19,480
Local Tax Funding	-	-	3,820	-	-	-	3,820	-	3,820
General Obligation Bonds	1,900	-	13,760	-	-	-	15,660	-	15,660
Adopted FY 2019 CIP	1,900	13,760	-	-	-	-	15,660	-	15,660
General Obligation Bonds	1,900	13,760	-	-	-	-	15,660	-	15,660
Station #5/#17 - Hamilton Fire Station									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	16,045	16,045
General Obligation Bonds	-	-	-	-	-	-	-	16,045	16,045
Station #07 - Aldie Station Replacement									
Proposed FY 2020 CIP	4,000	-	-	-	-	-	4,000	-	18,860
Local Tax Funding	-	-	-	-	-	-	-	-	5,355
General Obligation Bonds	-	-	-	-	-	-	-	-	9,505
Lease Revenue Financing	4,000	-	-	-	-	-	4,000	-	4,000
Adopted FY 2019 CIP	4,000	-	-	-	-	-	4,000	-	18,860
Local Tax Funding	-	-	-	-	-	-	-	-	5,355
General Obligation Bonds	-	-	-	-	-	-	-	-	9,505
Lease Revenue Financing	4,000	-	-	-	-	-	4,000	-	4,000

Public Safety	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year	Future FYs	Project
Station #08 - Philomont Station Replacement									
Proposed FY 2020 CIP	-	-	-	2,590	13,725	-	16,315	-	16,315
Local Tax Funding	-	-	-	2,590	-	-	2,590	-	2,590
General Obligation Bonds	-	-	-	-	13,725	-	13,725	-	13,725
Adopted FY 2019 CIP	-	-	-	2,200	13,725	-	15,925	-	15,925
Local Tax Funding	-	-	-	2,200	-	-	2,200	-	2,200
General Obligation Bonds	-	-	-	-	13,725	-	13,725	-	13,725
Station #28 - Leesburg South Station Renovation									
Proposed FY 2020 CIP	-	-	2,580	15,400	-	-	17,980	-	17,980
Local Tax Funding	-	-	380	-	-	-	380	-	380
General Obligation Bonds	-	-	2,200	15,400	-	-	17,600	-	17,600
Adopted FY 2019 CIP	-	-	2,200	15,400	-	-	17,600	-	17,600
General Obligation Bonds	-	-	2,200	15,400	-	-	17,600	-	17,600
Station #29 - Old Ox Station (formerly Route 606 Station)									
Proposed FY 2020 CIP	-	-	-	-	2,800	16,610	19,410	-	19,410
Local Tax Funding	-	-	-	-	2,800	-	2,800	-	2,800
General Obligation Bonds	-	-	-	-	-	16,610	16,610	-	16,610
Adopted FY 2019 CIP	-	-	-	-	2,400	16,610	19,010	-	19,010
General Obligation Bonds	-	-	-	-	2,400	16,610	19,010	-	19,010

Transportation Capital Projects

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Arcola Boulevard (Route 50 to Route 606)									
Proposed FY 2020 CIP	6,968	2,630	12,195	28,955	12,897	-	63,645	-	65,330
Local Tax Funding $0.02	6,593	2,630	10,000	12,000	1,000	-	32,223	-	32,223
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
Cash Proffers	375	-	2,195	11,955	11,897	-	26,422	-	28,107
Adopted FY 2019 CIP	6,593	2,630	12,195	29,479	12,612	-	63,509	-	65,194
Local Tax Funding $0.02	6,593	2,630	10,000	12,000	-	-	31,223	-	31,223
Revenue Sharing	-	-	-	5,000	-	-	5,000	-	5,000
Smart Scale		-	2,195	12,479	12,612	-	27,286	-	28,971
Belmont Ridge Road (Shreveport Drive to Evergreen Mills Road)									
Proposed FY 2020 CIP	-	-	-	1,755	3,045	20,274	25,074	-	25,074
Local Tax Funding $0.02	-	-	-	1,755	3,045	1,490	6,290	-	6,290
General Obligation Bonds	-	-	-	-	-	1,685	1,685	-	1,685
NVTA 70% Regional	-	-	-	-	-	11,899	11,899	-	11,899
Smart Scale						5,200	5,200	-	5,200
Adopted FY 2019 CIP	-	-	-	1,755	3,045	16,375	21,175	-	21,175
Local Tax Funding $0.02	-	-	-	-	625	2,375	3,000	-	3,000
General Obligation Bonds	-	-	-	1,755	2,420	-	4,175	-	4,175
NVTA 70% Regional	-	-	-	-	-	14,000	14,000	-	14,000
Belmont Ridge Road (Truro Parish Drive to Croson Lane)									
Proposed FY 2020 CIP	4,673	-	-	-	-	-	4,673	-	42,736
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	13,800
Cash Proffers	-	-	-	-	-	-	-	-	1,283
General Obligation Bonds	-	-	-	-	-	-	-	-	1,080
Revenue Sharing	4,673	-	-	-	-	-	4,673	-	4,673
NVTA 70% Regional	-	-	-	-	-	-	-	-	19,500
NVTA 30% Local	-	-	-	-	-	-	-	-	2,400
Adopted FY 2019 CIP	5,000	-	-	-	-	-	5,000	-	43,063
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	13,800
Cash Proffers	-	-	-	-	-	-	-	-	1,283
General Obligation Bonds	-	-	-	-	-	-	-	-	1,080
Revenue Sharing	5,000	-	-	-	-	-	5,000	-	5,000
NVTA 70% Regional	-	-	-	-	-	-	-	-	19,500
NVTA 30% Local	-	-	-	-	-	-	-	-	2,400

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Braddock Road Widening (Bull Run Post Office Road to Fairfax County Line)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	81,800	81,800
General Obligation Bonds	-	-	-	-	-	-	-	81,800	81,800
Adopted FY 2019 CIP	-	-	-	-	-	-	-	154,760	154,760
General Obligation Bonds	-	-	-	-	-	-	-	102,212	102,212
NVTA 70% Regional	-	-	-	-	-	-	-	52,548	52,548
Braddock Road Widening (Paul VI East entrance to Bull Run Post Office Road)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	60,000	60,000
General Obligation Bonds	-	-	-	-	-	-	-	60,000	60,000
Braddock Road Widening (Royal Hunter Drive to Paul VI East entrance)									
Proposed FY 2020 CIP	-	2,000	8,000	19,605	-	-	29,605	-	29,605
Local Tax Funding $0.02	-	220	140	2,805	-	-	3,165	-	3,165
Local Gas Tax	-	780	-	-	-	-	780	-	780
Cash Proffers	-	1,000	1,500	-	-	-	2,500	-	2,500
Lease Revenue Financing	-	-	700	15,450	-	-	16,150	-	16,150
NVTA 30% Local	-	-	-	1,350	-	-	1,350	-	1,350
General Obligation Bonds	-	-	5,660	-	-	-	5,660	-	5,660
Adopted FY 2019 CIP	-	1,000	1,000	4,095	-	-	6,095	-	6,095
Local Tax Funding $0.02	-	220	140	75	-	-	435	-	435
General Obligation Bonds	-	780	860	4,020	-	-	5,660	-	5,660
Croson Lane Widening (Claiborne Parkway to Old Ryan Road)									
Proposed FY 2020 CIP	-	-	2,380	2,770	-	12,000	17,150	-	17,150
Local Tax Funding $0.02	-	-	640	-	-	-	640	-	640
Cash Proffers	-	-	1,740	-	-	-	1,740	-	1,740
General Obligation Bonds	-	-	-	2,770	-	12,000	14,770	-	14,770
Adopted FY 2019 CIP	-	-	2,700	1,750	-	16,450	20,900	-	20,900
Local Tax Funding $0.02	-	-	-	-	-	9,450	9,450	-	9,450
Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
General Obligation Bonds	-	-	2,700	1,750	-	2,000	6,450	-	6,450

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Crosstrail Boulevard (Kincaid Boulevard to Russell Branch Parkway)									
Proposed FY 2020 CIP	41,560	-	-	-	-	-	41,560	-	74,860
Local Tax Funding	-	-	-	-	-	-	-	-	2,000
Cash Proffers	1,689	-	-	-	-	-	1,689	-	1,689
Local Gas Tax	1,821	-	-	-	-	-	1,821	-	1,821
NVTA 30% Local	1,490	-	-	-	-	-	1,490	-	1,490
Lease Revenue Financing	-	-	-	-	-	-	-	-	30,000
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	1,300
General Obligation Bonds	36,560	-	-	-	-	-	36,560	-	36,560
Adopted FY 2019 CIP	41,560	-	-	-	-	-	41,560	-	74,860
Local Tax Funding	5,000	-	-	-	-	-	5,000	-	7,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	30,000
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	1,300
General Obligation Bonds	36,560	-	-	-	-	-	36,560	-	36,560
Crosstrail Boulevard (Sycolin Road to Dulles Greenway)									
Proposed FY 2020 CIP	-	-	3,155	-	3,300	-	6,455	36,730	43,185
Local Tax Funding $0.02	-	-	3,155	-	3,300	-	6,455	-	6,455
General Obligation Bonds	-	-	-	-	-	-	-	36,730	36,730
Davis Drive Bridge									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	46,700	46,700
Smart Scale	-	-	-	-	-	-	-	46,700	46,700
Dulles West Boulevard (Dulles Landing Drive to Northstar Blvd.)									
Proposed FY 2020 CIP	47,800	2,514	-	-	9,360	-	59,674	-	59,674
General Obligation Bonds	-	-	-	-	9,360	-	9,360	-	9,360
Cash Proffers	-	2,514	-	-	-	-	2,514	-	2,514
NVTA 70% Regional	47,800	-	-	-	-	-	47,800	-	47,800
Adopted FY 2019 CIP	4,100	4,000	6,000	12,114	3,000	31,700	60,914	-	60,914
General Obligation Bonds	-	-	6,000	5,514	-	-	11,514	-	11,514
NVTA 70% Regional	4,100	4,000	-	6,600	3,000	31,700	49,400	-	49,400
Elk Lick Rd Intersections (Route 50 & Tall Cedars Parkway)									
Proposed FY 2020 CIP	902	600	-	-	-	-	1,502	-	2,191
Local Tax Funding	-	600	-	-	-	-	600	-	1,289
Local Tax Funding $0.02	902	-	-	-	-	-	902	-	902
Adopted FY 2019 CIP	-	-	-	1,565	-	-	1,565	-	1,654
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	89
General Obligation Bonds	-	-	-	1,565	-	-	1,565	-	1,565

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Evergreen Mills Road (Northstar Boulevard to Belmont Ridge Road)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	18,700	18,700
General Obligation Bonds	-	-	-	-	-	-	-	18,700	18,700
Adopted FY 2019 CIP	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Local Tax Funding $0.02	-	-	-	1,795	-	-	1,795	-	1,795
General Obligation Bonds	-	3,285	5,600	4,205	-	-	13,090	-	13,090
NVTA 70% Regional	-	-	-	-	16,000	-	16,000	-	16,000
Evergreen Mills Road (Belmont Ridge Road to Stone Springs Boulevard)									
Proposed FY 2020 CIP	-	-	-	-	10,000	6,000	16,000	800	16,800
General Obligation Bonds	-	-	-	-	5,000	6,000	11,000	800	11,800
Revenue Sharing	-	-	-	-	5,000	-	5,000	-	5,000
Adopted FY 2019 CIP	-	3,285	5,600	6,000	16,000	-	30,885	-	30,885
Local Tax Funding $0.02	-	-	-	1,795	-	-	1,795	-	1,795
General Obligation Bonds	-	3,285	5,600	4,205	-	-	13,090	-	13,090
NVTA 70% Regional	-	-	-	-	16,000	-	16,000	-	16,000
Evergreen Mills Road Realignments (Watson & Reservoir)									
Proposed FY 2020 CIP	14,000	-	-	-	-	-	14,000	-	14,000
NVTA 70% Regional	14,000	-	-	-	-	-	14,000	-	14,000
Adopted FY 2019 CIP	2,000	2,500	9,500	-	-	-	14,000	-	14,000
NVTA 70% Regional	2,000	2,500	9,500	-	-	-	14,000	-	14,000
Evergreen Mills Road (Stone Springs Boulevard to Loudoun County Parkway)									
Proposed FY 2020 CIP	-	-	-	-	-	5,000	5,000	41,600	46,600
General Obligation Bonds	-	-	-	-	-	-	-	41,600	41,600
Revenue Sharing	-	-	-	-	-	5,000	5,000	-	5,000
Adopted FY 2019 CIP	-	-	6,000	10,000	22,000	-	38,000	-	38,000
General Obligation Bonds	-	-	-	5,000	2,908	-	7,908	-	7,908
NVTA 70% Regional	-	-	6,000	5,000	19,092	-	30,092	-	30,092

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Farmwell Road Intersection Improvements									
Proposed FY 2020 CIP	-	-	24,825	-	-	-	24,825	-	32,689
Local Tax Funding $0.02	-	-	1,465	-	-	-	1,465	-	1,465
Proffers Cash	-	-	925	-	-	-	925	-	1,789
General Obligation Bonds	-	-	17,435	-	-	-	17,435	-	17,435
Revenue Sharing	-	-	5,000	-	-	-	5,000	-	8,500
NVTA 30% Local	-	-	-	-	-	-	-	-	3,500
Adopted FY 2019 CIP	-	12,000	12,235	-	-	-	24,235	-	32,099
Proffers Cash	-	-	-	-	-	-	-	-	864
General Obligation Bonds	-	12,000	7,235	-	-	-	19,235	-	19,235
Revenue Sharing	-	-	5,000	-	-	-	5,000	-	8,500
NVTA 30% Local	-	-	-	-	-	-	-	-	3,500
Intelligent Transportation System (ITS)									
Proposed FY 2020 CIP	1,050	-	-	-	-	1,277	2,327	-	2,327
Fund Balance	1,050	-	-	-	-	-	1,050	-	1,050
Lease Revenue Financing	-	-	-	-	-	1,277	1,277	-	1,277
Adopted FY 2019 CIP	1,050	-	-	-	-	1,277	2,327	-	2,327
Lease Revenue Financing	1,050	-	-	-	-	1,277	2,327	-	2,327
Leesburg Bypass Widening (Dulles Greenway to Route 15)									
Proposed FY 2020 CIP	1,000	2,000	-	-	-	-	3,000	-	3,000
Local Tax Funding $0.02	1,000	2,000	-	-	-	-	3,000	-	3,000
Loudoun County Parkway Widening (Dulles West to Route 50)									
Proposed FY 2020 CIP	6,581	1,308	-	-	-	-	7,889	-	7,889
NVTA 30% Local	-	1,308	-	-	-	-	1,308	-	1,308
NVTA 70% Regional	6,581	-	-	-	-	-	6,581	-	6,581
Loudoun County Parkway Widening (Ryan Road to Shellhorn Road)									
Proposed FY 2020 CIP	-	-	-	-	-	4,135	4,135	18,900	23,035
General Obligation Bonds	-	-	-	-	-	4,135	4,135	18,900	23,035
Adopted FY 2019 CIP	-	-	-	-	-	3,795	3,795	18,395	22,190
General Obligation Bonds	-	-	-	-	-	3,795	3,795	18,395	22,190
Moorefield Boulevard (Mooreview Pkwy to Moorefield Station)									
Proposed FY 2020 CIP	4,340	-	-	-	-	-	4,340	-	4,340
NVTA 30% Local	4,340	-	-	-	-	-	4,340	-	4,340
Adopted FY 2019 CIP	4,340	-	-	-	-	-	4,340	-	4,340
NVTA 30% Local	4,340	-	-	-	-	-	4,340	-	4,340

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Northstar Boulevard (Route 50 to Tall Cedars Parkway)									
Proposed FY 2020 CIP	5,000	46,161	-	-	-	-	51,161	-	56,593
Cash Proffers	-	-	-	-	-	-	-	-	732
Revenue Sharing	-	5,000	-	-	-	-	5,000	-	7,350
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	7,350
NVTA 70% Regional	-	41,161		-	-	-	41,161	-	41,161
Adopted FY 2019 CIP	5,000	157,850	-	47,288	20,000	49,000	254,146	-	381,690
Cash Proffers	-	-	-	-	-	-	-	-	732
Revenue Sharing	-	5,000	-	-	-	-	5,000	-	7,350
NVTA 30% Local	5,000	-	-	-	-	-	5,000	-	7,350
NVTA 70% Regional	-	24,992	-	-	-	-	-	-	31,492
Northstar Boulevard (Shreveport Road to Route 50)									
Proposed FY 2020 CIP	-	56,641	-	-	-	-	56,641	-	79,296
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	3,300
Cash Proffers	-	3,470	-	-	-	-	3,470	-	3,470
Revenue Sharing	-	-	-	-	-	-	-	-	9,600
NVTA 30% Local	-	4,527	-	-	-	-	4,527	-	14,282
NVTA 70% Regional	-	23,644	-	-	-	-	23,644	-	23,644
TIGER Grant	-	25,000	-	-	-	-	25,000	-	25,000
Adopted FY 2019 CIP	-	7,288	-	23,644	10,000	24,500	65,432	-	88,087
Local Tax Funding $0.02	-	7,288	-	-	-	-	7,288	-	10,588
Revenue Sharing	-	-	-	-	-	-	-	-	9,600
NVTA 30% Local	-	-	-	-	-	-	-	-	9,755
NVTA 70% Regional	-	-	-	23,644	10,000	24,500	58,144	-	58,144
Northstar Boulevard (Tall Cedar Parkway to Braddock Road)									
Proposed FY 2020 CIP	-	-	-	3,369	-	32,407	35,776	-	35,776
Cash Proffers	-	-	-	3,369	-	-	3,369	-	3,369
Smart Scale	-	-	-	-	-	32,407	32,407	-	32,407
Adopted FY 2019 CIP	-	-	-	2,693	-	25,675	28,368	-	28,368
General Obligation Bonds	-	-	-	2,500	-	-	2,500	-	2,500
Cash Proffers	-	-	-	193	-	-	193	-	193
NVTA 70% Regional	-	-	-	-	-	25,675	25,675	-	25,675

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Prentice Road (Lockridge Road to Shellhorn Road)									
Proposed FY 2020 CIP	-	76,230	-	15,000	-	-	91,230	-	100,230
Fund Balance	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	-	-	15,000	-	-	15,000	-	15,000
NVTA 70% Regional	-	76,230	-	-	-	-	76,230	-	76,230
Adopted FY 2019 CIP	-	18,000	6,900	33,425	30,000	5,000	93,325	-	102,325
Local Tax Funding $0.02	-	-	3,400	1,695	-	-	5,095	-	5,095
Fund Balance	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	12,000	-	-	-	-	12,000	-	12,000
NVTA 70% Regional	-	6,000	3,500	31,730	30,000	5,000	76,230	-	76,230
Route 15 & Braddock Road - Roundabout									
Proposed FY 2020 CIP	-	-	-	-	-	1,015	1,015	5,385	6,400
General Obligation Bonds	-	-	-	-	-	1,015	1,015	2,985	4,000
Smart Scale	-	-	-	-	-	-	-	2,400	2,400
Adopted FY 2019 CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495
Route 15 (Battlefield Parkway to Montresor Road)									
Proposed FY 2020 CIP	3,500	-	54,835	-	21,435	-	79,770	-	79,770
Local Tax Funding $0.02	3,500	-	835	-	-	-	4,335	-	4,335
General Obligation Bonds	-	-	-	-	15,835	-	15,835		15,835
NVTA 30% Local	-	-	-	-	5,600	-	5,600	-	5,600
NVTA 70% Regional	-	-	54,000	-	-	-	54,000	-	54,000
Adopted FY 2019 CIP	3,500	-	6,000	11,592	57,841	-	78,933	-	78,933
Local Tax Funding $0.02	3,500	-	-	-	5,665	-	9,165	-	9,165
General Obligation Bonds	-	-	-	5,592	10,176	-	15,768	-	15,768
NVTA 70% Regional	-	-	6,000	6,000	42,000	-	54,000	-	54,000
Route 15 Improvements (Montresor Road to Point of Rocks Bridge)									
Proposed FY 2020 CIP	-	-	-	8,830	-	26,255	35,085	75,700	110,785
General Obligation Bonds	-	-	-	5,300	-	25,505	30,805	75,700	106,505
NVTA 30% Local	-	-	-	3,530	-	750	4,280	-	4,280
Route 28 Northbound (Dulles Toll Road to Sterling Boulevard)									
Proposed FY 2020 CIP	20,000	-	-	-	-	-	20,000	-	20,000
NVTA 70% Regional	20,000	-	-	-	-	-	20,000	-	20,000
Adopted FY 2019 CIP	20,000	-	-	-	-	-	20,000	-	20,000
NVTA 70% Regional	20,000	-	-	-	-	-	20,000	-	20,000

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Route 50 & Everfield Drive - Roundabout									
Proposed FY 2020 CIP	-	-	-	-	-	1,015	1,015	6,985	8,000
General Obligation Bonds	-	-	-	-	-	1,015	1,015	6,985	8,000
Adopted FY 2019 CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495
Route 50 & Loudoun County Parkway Interchange									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	500,000	500,000
General Obligation Bonds	-	-	-	-	-	-	-	500,000	500,000
Adopted FY 2019 CIP	-	-	-	-	-	-	-	500,000	500,000
General Obligation Bonds	-	-	-	-	-	-	-	500,000	500,000
Route 50 & Trailhead Drive - Roundabout									
Proposed FY 2020 CIP	-	2,215	6,355	-	-	-	8,570	-	8,570
General Obligation Bonds	-	2,215	6,355	-	-	-	8,570	-	8,570
Adopted FY 2019 CIP	-	-	-	1,215	1,290	7,495	10,000	-	10,000
General Obligation Bonds	-	-	-	1,215	1,290	7,495	10,000		10,000
Route 50 Intersection Improvements									
Proposed FY 2020 CIP	645	4,820	-	-	-	3,707	9,172	-	9,172
Local Tax Funding $0.02	645	1,436	-	-	-	-	2,081	-	2,081
Cash Proffers	-	259	-	-	-	-	259	-	259
Smart Scale	-	-	-	-	-	3,707	3,707	-	3,707
Local Gas Tax	-	3,125	-	-	-	-	3,125	-	3,125
Adopted FY 2019 CIP	645	6,125	-	-	-	-	6,770	-	6,770
Local Tax Funding $0.02	645	-	-	-	-	-	645	-	645
Local Tax Funding	-	3,000	-	-	-	-	3,000	-	3,000
General Obligation Bonds	-	3,125	-	-	-	-	3,125	-	3,125
Route 50 North Collector Road (Air & Space Museum Parkway to Tall Cedars Parkway)									
Proposed FY 2020 CIP	-	-	-	5,150	-	22,350	27,500	68,735	96,235
Local Tax Funding $0.02	-	-	-	-	-	17,280	17,280	-	17,280
General Obligation Bonds	-	-	-	5,150	-	5,070	10,220	68,735	78,955
Adopted FY 2019 CIP	-	-	-	8,190	-	36,800	44,990	47,720	92,710
Local Tax Funding $0.02	-	-	-	-	-	5,695	5,695	-	5,695
General Obligation Bonds	-	-	-	8,190	-	31,105	39,295	47,720	87,015
Route 50 North Collector Road (Tall Cedars Parkway to Loudoun County Parkway)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	85,900	85,900
General Obligation Bonds	-	-	-	-	-	-	-	85,900	85,900
Adopted FY 2019 CIP	-	-	-	-	-	-	-	77,380	77,380
General Obligation Bonds	-	-	-	-	-	-	-	77,380	77,380

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Route 7 & Hillsboro Road Interchange									
Proposed FY 2020 CIP	405	3,845	20,055	5,500	4,065	-	33,870	-	41,370
Local Tax Funding $0.02	405	-	835	-	-	-	1,240	-	1,240
Fund Balance	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	-	-	19,220	-	-	-	19,220	-	25,220
NVTA 30% Local	-	3,845	-	-	-	-	3,845	-	3,845
Smart Scale	-	-	-	5,500	4,065	-	9,565	-	9,565
Adopted FY 2019 CIP	405	3,845	19,420	5,500	4,065	-	33,235	-	40,735
Local Tax Funding $0.02	405	-	2,320	-	-	-	2,725	-	2,725
Fund Balance	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	-	-	17,100	-	-	-	17,100	-	23,100
NVTA 30% Local	-	3,845	-	-	-	-	3,845	-	3,845
Smart Scale	-	-	-	5,500	4,065	-	9,565	-	9,565
Route 7 & Route 287 Interchange Improvements									
Proposed FY 2020 CIP	2,115	-	-	5,090	5,001	-	12,206	-	12,206
Local Tax Funding $0.02	115	-	-	700	-	-	815	-	815
Smart Scale	2,000	-	-	4,390	5,001	-	11,391	-	11,391
Adopted FY 2019 CIP	2,115	-	-	4,390	5,001	-	11,506	-	11,506
Local Tax Funding $0.02	115	-	-	-	-	-	115	-	115
Smart Scale	2,000	-	-	4,390	5,001	-	11,391	-	11,391
Route 7 Widening (Route 690 to Route 9)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	70,000	70,000
G.O. Bonds	-	-	-	-	-	-	-	70,000	70,000
Route 7 Widening (Route 9 to Dulles Greenway)									
Proposed FY 2020 CIP	-	-	3,620	-	-	2,320	5,940	47,195	53,135
G.O. Bonds	-	-	-	-	-	-	-	32,098	32,098
Smart Scale	-	-	-	-	-	-	-	15,097	15,097
NVTA 30% Local	-	-	3,620	-	-	2,320	5,940	-	5,940
Route 7 Widening (Route 9 to Route 690)									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	70,000	70,000
G.O. Bonds	-	-	-	-	-	-	-	70,000	70,000

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Route 9 & Route 287 Roundabout									
Proposed FY 2020 CIP	-	13,255	-	-	-	-	13,255	-	14,483
Cash Proffers	-	-	-	-	-	-	-	-	228
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
General Obligation Bonds	-	13,255	-	-	-	-	13,255	-	13,255
Adopted FY 2019 CIP	-	13,255	-	-	-	-	13,255	-	14,483
Cash Proffers	-	-	-	-	-	-		-	228
NVTA 30% Local	-	-	-	-	-	-	-	-	1,000
General Obligation Bonds	-	13,255	-	-	-	-	13,255	-	13,255
Ryan Road Widening (Evergreen Mills Road to Northstar Boulevard)									
Proposed FY 2020 CIP	-	-	-	-	-	2,000	2,000	20,800	22,800
General Obligation Bonds	-	-	-	-	-	2,000	2,000	20,800	22,800
Adopted FY 2019 CIP	-	-	-	-	-	1,835	1,835	19,145	20,980
General Obligation Bonds	-	-	-	-	-	1,835	1,835	19,145	20,980
Seneca Ridge Drive Improvements (South Cottage Road to Augusta Drive)									
Proposed FY 2020 CIP	1,040	-	-	-	-	-	1,040	-	1,040
Local Tax Funding	1,040	-	-	-	-	-	1,040	-	1,040
Adopted FY 2019 CIP	1,040	-	-	-	-	-	1,040	-	1,040
Local Tax Funding $0.02	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Road (Loudoun County Parkway to Randolph Drive)							-		
Proposed FY 2020 CIP	-	19,735	-	-	54,715	92,550	167,000	-	175,000
Local Tax Funding $0.02	-	3,735	-	-	11,305	-	15,040	-	15,040
General Obligation Bonds	-	-	-	-	43,410	-	43,410	-	51,410
NVTA 70% Regional	-	16,000	-	-	-	-	16,000	-	16,000
Smart Scale	-	-	-	-	-	92,550	92,550	-	92,550
Adopted FY 2019 CIP	-	10,000	6,000	-	102,750	-	118,750	-	126,750
Revenue Sharing	-	-	-	-	5,000	-	5,000	-	5,000
Local Tax Funding $0.02	-	-	-	-	10,963	-	10,963	-	10,963
General Obligation Bonds	-	-	-	-	86,787	-	86,787	-	94,787
NVTA 70% Regional	-	10,000	6,000	-	-	-	16,000	-	16,000
Sycolin Road - Loudoun Center Place to Crosstrail Boulevard									
Proposed FY 2020 CIP	-	-	-	-	2,055	1,370	3,425	10,275	13,700
General Obligation Bonds	-	-	-	-	2,055	1,370	3,425	10,275	13,700

Roads	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Trailhead Drive & Braddock Road - Roundabout									
Proposed FY 2020 CIP	-	-	-	-	-	1,015	1,015	6,985	8,000
General Obligation Bonds	-	-	-	-	-	1,015	1,015	6,985	8,000
Adopted FY 2019 CIP	-	-	-	-	-	1,015	1,015	10,480	11,495
General Obligation Bonds	-	-	-	-	-	1,015	1,015	10,480	11,495
Waxpool & Loudoun County Parkway Intersection Improvements									
Proposed FY 2020 CIP	3,628	-	-	-	-	-	3,628	-	6,348
Local Tax Funding $0.02	60	-	-	-	-	-	60	-	206
Fund Balance	-	-	-	-	-	-	-	-	361
Cash Proffers	-	-	-	-	-	-	-	-	2,213
Smart Scale	277	-	-	-	-	-	277	-	277
CMAQ	3,291	-	-	-	-	-	3,291	-	3,291
Adopted FY 2019 CIP	3,628	-	-	-	-	-	3,628	-	6,348
Local Tax Funding $0.02	60	-	-	-	-	-	60	-	206
Fund Balance	-	-	-	-	-	-	-	-	361
Cash Proffers	-	-	-	-	-	-	-	-	2,213
Smart Scale	277	-	-	-	-	-	277	-	277
CMAQ	3,291	-	-	-	-	-	3,291	-	3,291
Westwind Drive (State Street to Ladbrook Drive)									
Proposed FY 2020 CIP	8,830	5,000	8,700	20,135	9,436	-	52,101	-	52,101
Local Tax Funding	8,261	-	-	-	-	-	8,261	-	8,261
Local Tax Funding $0.02	430	2,075	-	-	-	-	2,505	-	2,505
General Obligation Bonds	-	-	7,900	9,750	-	-	17,650	-	17,650
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	139	2,925	800	-	-	-	3,864	-	3,864
Smart Scale	-	-	-	10,385	9,436	-	19,821	-	19,821
Adopted FY 2019 CIP	8,830	5,000	7,900	20,135	9,436	-	51,301	-	51,301
Local Tax Funding	8,261	-	-	-	-	-	8,261	-	8,261
Local Tax Funding $0.02	430	5,000	-	-	-	-	5,430	-	5,430
General Obligation Bonds	-	-	7,900	9,750	-	-	17,650	-	17,650
Revenue Sharing	-	-	-	-	-	-	-	-	-
NVTA 30% Local	139	-	-	-	-	-	139	-	139
Smart Scale	-	-	-	10,385	9,436	-	19,821	-	19,821

Sidewalks, Signals, and Traffic Calming	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Contingency - Sidewalk									
Proposed FY 2020 CIP	815	1,000	1,000	1,000	1,000	1,000	5,815	4,000	11,815
Local Tax Funding $0.02	815	1,000	1,000	1,000	1,000	1,000	5,815	4,000	11,815
Adopted FY 2019 CIP	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	12,000
Local Tax Funding $0.02	1,000	1,000	1,000	1,000	1,000	1,000	6,000	4,000	12,000
Contingency - Traffic Calming									
Proposed FY 2020 CIP	250	250	250	250	250	250	1,500	1,000	2,700
Local Tax Funding $0.02	250	250	250	250	250	250	1,500	1,000	2,700
Adopted FY 2019 CIP	250	250	250	250	250	250	1,500	1,000	2,700
Local Tax Funding $0.02	250	250	250	250	250	250	1,500	1,000	2,700
Contingency - Traffic Signals									
Proposed FY 2020 CIP	508	750	750	750	750	750	4,258	3,000	8,258
Local Tax Funding $0.02	508	750	750	750	750	750	4,258	3,000	8,258
Adopted FY 2019 CIP	750	750	750	750	750	750	4,500	3,000	8,500
Local Tax Funding $0.02	750	750	750	750	750	750	4,500	3,000	8,500
Belmont Ridge Road and Legacy Park Drive - Traffic Signal									
Proposed FY 2020 CIP	-	-	-	-	-	330	330	800	1,130
Local Tax Funding $0.02	-	-	-	-	-	330	330	800	1,130
Adopted FY 2019 CIP	-	-	-	-	-	200	200	800	1,000
Local Tax Funding $0.02	-	-	-	-	-	200	200	800	1,000
Harmony Middle School - Sidewalk									
Proposed FY 2020 CIP	-	-	-	1,390	-	1,900	3,290	-	3,290
NVTA 30% Local	-	-	-	1,390	-	1,900	3,290	-	3,290
Adopted FY 2019 CIP	-	-	-	1,260	-	1,900	3,160	-	3,160
General Obligation Bonds	-	-	-	1,260	-	1,900	3,160	-	3,160
Intersection Improvement Program									
Proposed FY 2020 CIP	1,854	-	-	13,965	15,290	15,835	46,944	56,940	103,884
Local Tax Funding $0.02	1,854	-	-	-	-	-	1,854	-	1,854
General Obligation Bonds	-	-	-	13,965	15,290	15,835	45,090	56,940	102,030
Adopted FY 2019 CIP	1,612	2,215	6,355	13,165	13,690	14,235	51,272	56,940	108,212
Local Tax Funding $0.02	1,612	-	-	-	-	-	1,612	-	1,612
General Obligation Bonds	-	2,215	6,355	13,165	13,690	14,235	49,660	56,940	106,600

Sidewalks, Signals, and Traffic Calming	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Loudoun County Parkway - Shared-Use Path									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	8,435	8,435
General Obligation Bonds	-	-	-	-	-	-	-	8,435	8,435
Adopted FY 2019 CIP	-	-	-	-	-	-	-	8,435	8,435
General Obligation Bonds	-	-	-	-	-	-	-	8,435	8,435
Oakgrove Road - Pedestrian Improvements									
Proposed FY 2020 CIP	-	967	-	-	-	-	967	-	967
Local Gas Tax	-	453	-	-	-	-	453	-	453
Local Tax Funding $0.02	-	514	-	-	-	-	514	-	514
Old Ryan Road - Pedestrian Improvements									
Proposed FY 2020 CIP	-	-	-	-	-	395	395	2,490	2,885
General Obligation Bonds	-	-	-	-	-	395	395	2,490	2,885
Poland Road - Shared Use Path									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	-	-
NVTA 30% Local	-	-	-	-	-	-	-	-	-
Adopted FY 2019 CIP	-	-	-	1,220	-	1,065	2,285	-	2,285
General Obligation Bonds	-	-	-	1,220	-	1,065	2,285	-	2,285
River Creek Parkway - Sidewalk									
Proposed FY 2020 CIP	-	-	-	1,315	-	-	1,315	-	1,315
General Obligation Bonds	-	-	-	1,315	-	-	1,315	-	1,315
Adopted FY 2019 CIP	-	-	-	1,315	-	-	1,315	-	1,315
General Obligation Bonds	-	-	-	1,315	-	-	1,315	-	1,315
Route 7 Pedestrian Crossings									
Proposed FY 2020 CIP	855	-	1,100	1,000	4,200	-	7,155	-	7,155
Lease Revenue Financing	855	-	-	-	-	-	855	-	855
Local Tax Funding $0.02	-	-	100	1,000	-	-	1,100	-	1,100
General Obligation Bonds	-	-	1,000	-	4,200	-	5,200	-	5,200
Adopted FY 2019 CIP	855	-	1,000	1,000	4,200	-	7,055	-	7,055
Lease Revenue Financing	855	-	-	-	-	-	855	-	855
Local Tax Funding $0.02	-	-	-	1,000	-	-	1,000	-	1,000
General Obligation Bonds	-	-	1,000	-	4,200	-	5,200	-	5,200
Sidewalk and Trail Program									
Proposed FY 2020 CIP	185	-	-	1,110	1,925	11,085	14,305	58,865	73,170
General Obligation Bonds	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
Local Tax Funding $0.02	185	-	-	-	-	-	185	-	185
NVTA 30% Local	-	-	-	-	-	1,065	1,065	2,415	3,480
Adopted FY 2019 CIP	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
General Obligation Bonds	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505

Sidewalks, Signals, and Traffic Calming	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Sterling Boulevard/W&OD Trail - Overpass									
Proposed FY 2020 CIP	-	500	7,745	-	-	-	8,245	-	8,245
General Obligation Bonds	-	500	7,745	-	-	-	8,245	-	8,245
Adopted FY 2019 CIP	-	-	7,745	-	-	-	7,745	-	7,745
General Obligation Bonds	-	-	7,745	-	-	-	7,745	-	7,745
W&OD At-Grade Crossing Improvements									
Proposed FY 2020 CIP	-	-	550	575	595	620	2,340	-	2,340
NVTA 30% Local	-	-	550	575	595	620	2,340	-	2,340
Towns	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**6-Year Total**	**Future**	**Project Total**
Town of Hamilton - Sidewalk Repair									
Proposed FY 2020 CIP	-	9	-	-	-	-	9	-	9
Local Tax Funding	-	9	-	-	-	-	9	-	9
Town of Hillsboro - Traffic Calming and Pedestrian Safety									
Proposed FY 2020 CIP	14,612	-	-	-	-	-	14,612	-	19,412
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	1,439
Fund Balance	2,500	-	-	-	-	-	2,500	-	2,500
NVTA 30% Local	-	-	-	-	-	-	-	-	3,361
NVTA 70% Regional	12,112	-	-	-	-	-	12,112	-	12,112
Adopted FY 2019 CIP	12,112	-	-	-	-	-	12,112	-	16,912
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	1,439
NVTA 30% Local	-	-	-	-	-	-	-	-	3,361
NVTA 70% Regional	12,112	-	-	-	-	-	12,112	-	12,112
Town of Leesburg - NVTA Local Distribution									
Proposed FY 2020 CIP	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
NVTA 30% Local	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
Adopted FY 2019 CIP	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
NVTA 30% Local	2,429	2,534	2,607	2,683	2,759	2,837	15,849	11,348	36,925
Town of Leesburg - Evergreen Mill Road									
Proposed FY 2020 CIP	4,200	-	1,800	-	-	-	6,000	3,299	9,299
NVTA 30% Local	4,200	-	1,800	-	-	-	6,000	3,299	9,299
Adopted FY 2019 CIP	4,200	-	1,800	-	-	-	6,000	-	6,000
Local Tax Funding	-	-	1,800	-	-	-	1,800	-	1,800
NVTA 30% Local	4,200	-	-	-	-	-	4,200	-	4,200

Towns	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Town of Leesburg - Tuscarora Creek Trail									
Proposed FY 2020 CIP	1,800	-	-	-	-	-	1,800	-	1,800
NVTA 30% Local	1,800	-	-	-	-	-	1,800	-	1,800
Adopted FY 2019 CIP	1,800	-	-	-	-	-	1,800	-	1,800
NVTA 30% Local	1,800	-	-	-	-	-	1,800	-	1,800
Town of Lovettsville - Broadway Streetscapes Phase 2A									
Proposed FY 2020 CIP	180	-	-	150	671	-	1,001	-	1,151
NVTA 30% Local	180	-	-	150	671	-	1,001	-	1,001
Fund Balance	-	-	-	-	-	-	-	-	150
Adopted FY 2019 CIP	180	700	-	-	-	-	880	-	1,030
NVTA 30% Local	180	700	-	-	-	-	880	-	880
Fund Balance	-	-	-	-	-	-	-	-	150
Town of Lovettsville - Pedestrian Improvements									
Proposed FY 2020 CIP	-	103	62	60	178	273	676	-	676
NVTA 30% Local	-	103	62	60	178	273	676	-	676
Town of Purcellville - Berlin Turnpike Traffic Signal									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	700	700
NVTA 30% Local	-	-	-	-	-	-	-	700	700
Town of Purcellville - NVTA Local Distribution									
Proposed FY 2020 CIP	459	473	480	494	513	525	2,944	2,100	7,094
NVTA 30% Local	459	473	480	494	513	525	2,944	2,100	7,094
Adopted FY 2019 CIP	490	511	526	542	558	574	3,201	2,296	7,547
NVTA 30% Local	490	511	526	542	558	574	3,201	2,296	7,547
Town of Purcellville - Pedestrian Linkages									
Proposed FY 2020 CIP	210	-	-	-	-	-	210	-	210
NVTA 30% Local	210	-	-	-	-	-	210	-	210
Adopted FY 2019 CIP	210	-	-	-	-	-	210	-	210
NVTA 30% Local	210	-	-	-	-	-	210	-	210
Town of Purcellville - Shared-Use Path									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	650	650
NVTA 30% Local	-	-	-	-	-	-	-	650	650

Transit	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Local Fixed-Route Bus Stop Improvements									
Proposed FY 2020 CIP	1,500	2,500	-	-	-	-	4,000	-	4,000
Fund Balance	1,500	-	-	-	-	-	1,500	-	1,500
Local Tax Funding $0.02	-	2,500	-	-	-	-	2,500	-	2,500
Metro Capital Contribution									
Proposed FY 2020 CIP	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
NVTA 30% Local	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Adopted FY 2019 CIP	-	16,400	24,900	28,300	29,100	29,700	128,400	112,000	240,400
NVTA 30% Local	-	12,000	17,021	17,511	18,001	18,504	83,037	74,000	157,037
Local Tax Funding	-	4,400	7,879	10,789	11,099	11,196	45,363	38,000	83,363
Metro Station Area Pedestrian Improvements									
Proposed FY 2020 CIP	-	275	-	5,400	9,760	9,760	25,195	-	30,912
Local Tax Funding	-	275	-	-	-	-	275	-	275
RSTP	-	-	-	-	5,800	5,800	11,600	-	11,600
CMAQ	-	-	-	5,400	3,960	3,960	13,320	-	19,037
Adopted FY 2019 CIP	-	-	-	5,400	9,760	9,760	24,920	-	30,637
RSTP	-	-	-		5,800	5,800	11,600	-	11,600
CMAQ	-	-	-	5,400	3,960	3,960	13,320	-	19,037
Transit Buses									
Proposed FY 2020 CIP	2,700	-	2,550	2,450	-	-	7,700	-	42,223
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	335
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,859
Cash Proffers	500	-	-	-	-	-	500	-	5,660
State Capital Assistance	-	-	-	-	-	-	-	-	19,065
NVTA 70% Regional	-	-	-	-	-	-	-	-	1,860
Smart Scale	2,200	-	2,550	2,450	-	-	7,200	-	7,200
Gas Tax	-	-	-	-	-	-	-	-	1,244
Adopted FY 2019 CIP	3,200	2,500	1,410	2,090	1,000	1,000	11,200	4,000	49,723
Local Tax Funding $0.02	-	-	-	-	-	-	-	-	335
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,859
Cash Proffers	500	424	-	-	-	-	924	-	6,084
State Capital Assistance	500	500	-	-	-	-	1,000	-	20,065
NVTA 70% Regional	-	-	-	-	-	-	-	-	1,860
Transit Fees	-	76	-	-	1,000	1,000	2,076	4,000	6,076
Smart Scale	2,200	1,500	1,410	2,090	-	-	7,200	-	7,200
Gas Tax	-	-	-	-	-	-	-	-	1,244

Transit	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Western Loudoun Park and Ride Lot									
Proposed FY 2020 CIP	-	-	700	1,300	1,633	-	3,633	-	3,633
Smart Scale	-	-	700	1,300	1,633	-	3,633	-	3,633
Adopted FY 2019 CIP	300	-	700	1,300	1,633	-	3,933	-	7,754
CMAQ	150	-	-	-	-	-	150	-	3,971
Smart Scale	150	-	700	1,300	1,633	-	3,783	-	3,783

School Capital Projects

Elementary Schools	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
ES - 23 Dulles North Area									
Proposed FY 2020 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-	-	-	-	44,235	-	44,235
Adopted FY 2019 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-			-	44,235	-	44,235
ES - 24 Central Loudoun Area									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	64,690	64,690
General Obligation Bonds	-	-	-	-	-	-	-	64,690	64,690
Adopted FY 2019 CIP	-	-	-	-	-	6,365	6,365	47,830	54,195
General Obligation Bonds	-	-	-	-	-	6,365	6,365	47,830	54,195
ES - 29 Dulles South Area									
Proposed FY 2020 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-	-	-	-	44,235	-	44,235
Adopted FY 2019 CIP	5,105	39,130	-	-	-	-	44,235	-	44,235
General Obligation Bonds	5,105	39,130	-	-	-	-	44,235	-	44,235
ES - 32 Dulles South Area									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	64,690	64,690
General Obligation Bonds	-	-	-	-	-	-	-	64,690	64,690
ES - 34 Dulles North Area									
Proposed FY 2020 CIP	-	-	-	-	-	6,840	6,840	63,600	70,440
General Obligation Bonds	-	-	-	-	-	6,840	6,840	63,600	70,440
Adopted FY 2019 CIP	-	-	-	-	-	-	-	53,215	53,215
General Obligation Bonds	-	-	-	-	-	-	-	53,215	53,215
ES - 36									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	64,690	64,690
General Obligation Bonds	-	-	-	-	-	-	-	64,690	64,690

Middle Schools	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
MS-14 Dulles North Area									
Proposed FY 2020 CIP	-	-	8,460	80,310	-	-	88,770	-	88,770
General Obligation Bonds	-	-	8,460	80,310	-	-	88,770	-	88,770
Adopted FY 2019 CIP	-	-	-	11,585	88,775	-	100,360	-	100,360
General Obligation Bonds	-	-	-	11,585	88,775	-	100,360	-	100,360
MS-19									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	104,780	104,780
General Obligation Bonds	-	-	-	-	-	-	-	104,780	104,780
Adopted FY 2019 CIP	-	-	-	-	-	-	-	113,195	113,195
General Obligation Bonds	-	-	-	-	-	-	-	113,195	113,195
High Schools	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**6-Year Total**	**Future**	**Project Total**
CS Monroe Technology Center - Douglas School Renovations									
Proposed FY 2020 CIP	1,829	61,364	-	-	-	-	63,193	-	64,943
Cash Proffers	-	-	-	-	-	-	-	-	1,750
General Obligation Bonds	1,829	61,364	-	-	-	-	63,193	-	63,193
Adopted FY 2019 CIP	1,829	61,364	-	-	-	-	63,193	-	64,943
Cash Proffers	-	-	-	-	-	-	-	-	1,750
General Obligation Bonds	1,829	61,364	-	-	-	-	63,193	-	63,193
HS - 9									
Proposed FY 2020 CIP	8,788	-	-	-	-	-	8,788	-	125,540
Local Tax Funding	8,788	-	-	-	-	-	8,788	-	12,288
General Obligation Bonds	-	-	-	-	-	-	-	-	113,252
Adopted FY 2019 CIP	8,788	-	-	-	-	-	8,788	-	125,540
Local Tax Funding	8,788	-	-	-	-	-	8,788	-	12,288
General Obligation Bonds	-	-	-	-	-	-	-	-	113,252
HS-14 Dulles North Area									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	181,855	181,855
General Obligation Bonds	-	-	-	-	-	-	-	181,855	181,855
Adopted FY 2019 CIP	-	-	-	-	-	-	-	182,605	182,605
General Obligation Bonds	-	-	-	-	-	-	-	182,605	182,605

High Schools	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
High School Stadium Turf & Track Resurfacing									
Proposed FY 2020 CIP	4,148	-	-	-	-	-	4,148	-	7,948
Fund Balance	-	-	-	-	-	-	-	-	3,800
Local Tax Funding	1,212	-	-	-	-	-	1,212	-	1,212
General Obligation Bonds	2,936	-	-	-	-	-	2,936	-	2,936
Adopted FY 2019 CIP	4,148	-	-	-	-	-	4,148	-	7,948
Fund Balance	-	-	-	-	-	-	-	-	3,800
Local Tax Funding	1,212	-	-	-	-	-	1,212	-	1,212
General Obligation Bonds	2,936	-	-	-	-	-	2,936	-	2,936
Modular Classroom Removal at Briar Woods HS									
Proposed FY 2020 CIP	-	-	-	-	-	375	375	-	375
Local Tax Funding	-	-	-	-	-	375	375	-	375
Adopted FY 2019 CIP	-	-	-	335	-	-	335	-	335
Local Tax Funding	-	-	-	335	-	-	335	-	335

Division/Other School Projects	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
Broadband Infrastructure									
Proposed FY 2020 CIP	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Local Tax Funding	750	875	875	-	-	-	2,500	-	2,500
Lease Revenue Financing	-	875	875	-	-	-	1,750	-	1,750
Fund Balance	750	-	-	-	-	-	750	-	750
Adopted FY 2019 CIP	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Local Tax Funding	750	875	875	-	-	-	2,500	-	2,500
Lease Revenue Financing	750	875	875	-	-	-	2,500	-	2,500
Eastern Transportation Support Facility									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	30,495	30,495
General Obligation Bonds	-	-	-	-	-	-	-	30,495	30,495
Adopted FY 2019 CIP	-	-	-	-	-	-	-	31,790	31,790
General Obligation Bonds	-	-	-	-	-	-	-	31,790	31,790
Facility Renewals and Alterations Program									
Proposed FY 2020 CIP	14,000	18,324	19,170	21,155	34,125	80,530	187,304	43,725	231,029
Local Tax Funding	-	13,600	14,000	10,000	10,000	10,000	57,600	10,000	67,600
General Obligation Bonds	14,000	4,724	5,170	11,155	24,125	70,530	129,704	33,725	163,429
Indoor Track Facility									
Proposed FY 2020 CIP	-	-	-	-	-	-	-	27,575	27,575
General Obligation Bonds	-	-	-	-	-	-	-	27,575	27,575

Division/Other School Projects	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total	Future	Project Total
John W. Tolbert Jr. Elementary School Road Connection									
Proposed FY 2020 CIP	-	-	1,000	-	-	-	1,000	-	1,000
Local Tax Funding	-	-	1,000	-	-	-	1,000	-	1,000
Adopted FY 2019 CIP	-	-	-	-	-	845	845	-	845
General Obligation Bonds	-	-	-	-	-	845	845	-	845
Joint Use Dry Bulk Storage Facility									
Proposed FY 2020 CIP	-	-	4,560	-	-	-	4,560	-	4,560
Local Tax Funding	-	-	4,560	-	-	-	4,560	-	4,560
Adopted FY 2019 CIP	-	-	4,280	-	-	-	4,280	-	4,280
Lease Revenue Financing	-	-	4,280	-	-	-	4,280	-	4,280
School Bus Radio Replacements / 900MHZ System Upgrade									
Proposed FY 2020 CIP	-	-	-	10,420	-	-	10,420	-	10,420
Lease Revenue Financing	-	-	-	10,420	-	-	10,420	-	10,420
Adopted FY 2019 CIP	-	-	-	-	3,845	-	3,845	-	3,845
General Obligation Bonds	-	-	-	-	3,845	-	3,845	-	3,845
School Bus Replacement and Acquisition									
Proposed FY 2020 CIP	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Lease Revenue Financing	-	7,525	7,865	8,215	8,585	8,975	41,165	38,185	79,350
General Obligation Bonds	2,916	-	-	-	-	-	2,916	-	2,916
Fund Balance	4,284	-	-	-	-	-	4,284	-	4,284
Local Tax Funding	-	-	-	-	-	-	-	-	5,265
Adopted FY 2019 CIP	7,200	7,525	7,865	8,215	8,585	8,975	48,365	38,185	91,815
Lease Revenue Financing	3,052	7,525	7,865	8,215	8,585	8,975	44,217	38,185	82,402
General Obligation Bonds	4,148	-	-	-	-	-	4,148	-	4,148
Local Tax Funding	-	-	-	-	-	-	-	-	5,265
Student Welcome Center									
Proposed FY 2020 CIP	-	-	-	4,000	-	-	4,000	-	4,000
Local Tax Funding	-	-	-	4,000	-	-	4,000	-	4,000
Adopted FY 2019 CIP	-	-	1,130	-	-	-	1,130	-	1,130
Local Tax Funding	-	-	1,130	-	-	-	1,130	-	1,130
Valley Service Center Traffic Signal									
Proposed FY 2020 CIP	-	-	-	-	-	655	655	-	655
General Obligation Bonds	-	-	-	-	-	655	655	-	655
Adopted FY 2019 CIP	-	-	-	-	-	585	585	-	585
General Obligation Bonds	-	-	-	-	-	585	585	-	585

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Schedule of Financing and Referenda

General Obligation Bond Financing

The following projects are scheduled for general obligation bond financing requiring referendum in the FY 2019 – FY 2024 capital planning period. The referendum requires voter approval for the use of general obligation bond financing of public facilities. Following this table is a summary of previously authorized bond referenda by Loudoun County voters.

General Obligation Bond Financing

Referendum Date	Project	Amount
November 2019		
General Government	Fields Farm Park	$29,185,000
	Fire and Rescue Recruit Training Facility	5,270,000
	Leesburg South Fire Station Renovation	17,600,000
	Lovettsville District Park Phase II	4,680,000
	Philip A. Bolen Park Phase II	6,175,000
	Route 7 Pedestrian Crossings	5,200,000
	Route 7 & Hillsboro Rd. Interchange	17,220,000
	Scott Jenkins Park Phase III	1,755,000
	Route 50 & Trailhead - Roundabout	8,570,000
	Westwind Drive (State St. to Ladbrook Dr.)	17,650,000
	Sterling Boulevard / WO&D Overpass	8,245,000
	Subtotal – General Government	**$121,550,000**
Schools	Middle School Classroom Additions	$5,170,000
	MS-14, Dulles North	88,770,000
	Subtotal – Schools	**$93,940,000**
Total		**$215,490,000**
November 2020		
General Government	Croson Lane Widening (Claiborne Pkwy to Old Ryan Rd.)	$14,770,000
	Franklin Park to Purcellville Trail	5,000,000
	River Creek Parkway- Sidewalk	1,315,000
	Route 50 North Collector Road (Air & Space Museum Parkway to Route 50)	10,220,000
	Route 15 from Montresor to Point of Rocks	30,805,000
	Sidewalk & Trail Program	13,055,000
	Subtotal – General Government	**$75,165,000**
Schools	Elementary School Three-Classroom Additions	$11,155,000
	Subtotal – Schools	**$11,155,000**

Schedule of Financing and Referenda

Referendum Date	Project	Amount
Total		**$86,320,000**
November 2021		
General Government	Dulles West Boulevard (Dulles Landing Dr. to Northstar Blvd.)	$9,360,000
	Evergreen Mills Road (Belmont Ridge Road to Stone Springs Blvd.)	$11,000,000
	Fire and Rescue Academy Expansion	7,030,000
	Philomont Fire Station Replacement	13,725,000
	Route 15 (Battlefield Pkwy. to Montresor Rd.)	15,835,000
	Shellhorn Road (Loudoun County Pkwy to Randolph Dr.)	43,410,000
	Sycolin Road Widening	13,700,000
	Subtotal – General Government	**$114,060,000**
Schools	High School Weight Room Expansion	7,105,000
	Round Hill Center Renewal	15,135,000
	Staff Training Center Renewal	13,655,000
	Valley Service Center Replacement/Culbert ES Bus Parking	36,450,000
	Subtotal – Schools	**$72,345,000**
Total		**$186,405,000**
November 2022		
General Government	Belmont Ridge Road (Shreveport Dr. to Evergreen Mills Rd.)	$1,685,000
	Broad Run Steam Valley Linear Park	9,523,000
	Dulles South Neighborhood Park	1,200,000
	Loudoun County Parkway Widening (Ryan Rd. to Shellhorn Rd.)	23,035,000
	Old Ox Road (Route 606) Fire Station	16,610,000
	Old Ryan Road Pedestrian Improvements	2,885,000
	Route 50 & Everfield – Roundabout	8,000,000
	Route 15 & Braddock Road - Roundabout	4,000,000
	Ryan Road Widening (Evergreen Mills Rd. to Northstar Blvd.)	22,800,000
	STEM Library	55,036,000
	Trailhead Drive & Braddock Road - Roundabout	8,000,000
	Subtotal – General Government	**$152,774,000**
Schools	Algonkian ES Renewal and Alterations	12,320,000
	Cool Spring ES Renovations (formerly ES - Renovation 2)	13,750,000
	ES-34	70,440,000
	High School Practice Field Artificial Turf and Lights	16,470,000
	High School Tennis Court Lighting	3,955,000

Schedule of Financing and Referenda

Referendum Date	Project	Amount
	School Walking Tracks	935,000
	Valley Service Center Traffic Signal	655,000
	Subtotal – Schools	**$118,525,000**
Total		**$271,299,000**

Previously Approved General Obligation Bond Financing

Referendum Date	Project	Amount
November 2018		
General Government	Braddock Road (Gum Spring Rd. to Royal Hunter Dr.)	$5,660,000
	Crosstrail Boulevard (Kincaid Blvd. to Russell Branch Pkwy.)	36,560,000
	Evergreen Mills Road (Northstar Blvd. to Stone Springs Blvd.)	13,090,000
	Farmwell Road Intersection Improvements	19,235,000
	Intersection Improvement Program	49,660,000
	Prentice Dr. (Lockridge Rd. to Shellhorn Rd.)	12,000,000
	Route 9/ Route 287 Roundabout	13,255,000
	Route 50 Intersection Improvements	3,125,000
	Subtotal – General Government	**$152,585,000**
Schools	ES-23	$44,235,000
	ES-29	44,235,000
	School Security Vestibules	10,350,000
	Subtotal – Schools	**$98,820,000**
Total		**$251,405,000**
November 2017		
General Government	Round Hill Fire Station Replacement	$15,660,000
	Subtotal – General Government	**$15,660,000**
Schools	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
	Subtotal – Schools	**$81,761,000**
Total		**$97,421,000**
November 2016		
General Government	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

Schedule of Financing and Referenda

Referendum Date	Project	Amount
	Route 7 & Hillsboro Rd. Interchange	8,000,000
	Shellhorn Road (Loudoun Co Pkwy. to Randolph Dr.)	8,000,000
	Subtotal – General Government	**$111,615,000**
Schools	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
	Subtotal – Schools	**$233,070,000**
Total		**$344,685,000**
November 2015		
General Government	Fire Apparatus	$2,940,000
	Subtotal – General Government	**$2,940,000**
Schools	Dulles North Elementary School (ES-31)	$38,270,000
	Dulles North High School (HS-11)	112,725,000
	Subtotal – Schools	**$150,995,000**
Total		**$153,935,000**
November 2014		
General Government	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
	Subtotal – General Government	**$45,625,000**
Schools	Dulles North Elementary School (ES-27)	$31,540,000
	Dulles North Middle School (MS-9)	48,185,000
	Academies of Loudoun	83,175,000
	Subtotal – Schools	**$162,900,000**
Total		**$208,525,000**

Schedule of Financing and Referenda

Lease Revenue Financing

The following projects are planned to be financed through lease revenue financing during the FY 2019 – FY 2024 planning period. Lease revenue financings do not require a referendum. Following this table is a summary of previously authorized lease revenue financings.

Anticipated Lease Revenue Financing

Anticipated Sale	Project	Amount
FY 2019	Aldie Fire and Rescue Station Replacement	$4,000,000
	County Landfill Sequence V Closure	1,350,000
	Courts Complex Phase III (Expansion)	10,000,000
	Major Computer Systems (LMIS Replacement)	5,000,000
	Route 7 Pedestrian Crossings	855,000
	Subtotal – FY 2019	**$21,205,000**
FY 2020	Broadband Infrastructure	875,000
	Consolidated Shops and Warehouse	4,000,000
	County Landfill Sequence 1A Cap	1,500,000
	County Landfill Sequence V Closure	5,060,000
	Land Acquisition Fund	3,905,000
	School Bus Replacement and Acquisition	7,525,000
	Subtotal – FY 2020	**$22,865,000**
FY 2021	Ashburn Recreation and Community Center	$12,140,000
	Broadband Infrastructure	875,000
	Consolidated Shops and Warehouse	3,500,000
	Courts Complex Phase III (Renovation)	17,600,000
	DS Group Residence – Eastern Loudoun	3,055,000
	Fire Station Storage Sheds	600,000
	Land Acquisition Fund	3,100,000
	School Bus Replacement and Acquisition	7,865,000
	Subtotal – FY 2021	**$48,735,000**
FY 2022	Land Acquisition Fund	$5,280,000
	School Bus Radio Replacements/LCPS 900MHZ Upgrade	10,420,000
	School Bus Replacement and Acquisition	8,215,000
	Waterford Animal Shelter Renovation	2,000,000
	Subtotal – FY 2022	**$25,915,000**
FY 2023	General Government Office Space - Sycolin Road Phase I	$15,965,000
	Juvenile Detention Center - Phase II	5,595,000
	Land Acquisition Fund	1,800,000
	School Bus Replacement and Acquisition	8,585,000
	Subtotal – FY 2023	**$31,945,000**

Anticipated Sale	Project	Amount
FY 2024	Eastern Services Center	$17,250,000
	General Government Office Space - Sycolin Road Phase I	97,380,000
	Intelligent Transportation System	1,277,000
	School Bus Replacement and Acquisition	8,975,000
	Subtotal – FY 2024	**$124,882,000**
Total		**$262,762,000**

Previously Approved Lease Revenue Financing

Sale	Project	Amount
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
	Subtotal – FY 2015	**$66,815,000**
FY 2016	County Landfill Reclamation Project	$5,500,000
	Public Safety CAD	1,400,000
	Public Safety Firing Range	7,000,000
	Consolidated Shops and Warehouse	21,000,000
	Dulles Corridor Rapid Transit	20,000,000
	Subtotal – FY 2016	**$54,900,000**
FY 2017	Courts Complex Phase III	$57,100,000
	General Government Office Space Purchase	7,635,000
	Lovettsville Community Center Replacement	2,000,000
	Juvenile Detention Center Phase I	3,000,000
	Subtotal – FY 2017	**$69,735,000**
FY 2018	County Landfill Reclamation Project	$5,980,000
	DS Group Residence - Purcellville	2,125,000
	Major Computer Systems (LMIS Replacement)	6,000,000
	Juvenile Detention Center Phase I	5,000,000
	Subtotal – FY 2018	**$19,105,000**
Total		**$210,555,000**

Schedule of Financing and Referenda

Notice of Intent

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

The Board of Supervisors of the County of Loudoun, Virginia (the "County"), has determined in connection with adoption of the County's Capital Improvement Program that it is necessary and desirable to undertake certain capital improvements consisting of the projects and estimated costs described in this Capital Improvement Program with financing as indicated on the **Schedule of Major Financing — Fiscal Years 2019 – 2024** in the maximum amount of $1,258,253,046. 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.

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1757

Capital Improvement Program
Completed Projects

Completed Projects

General Government	Completion Date	Planning Subarea	Election District	Budget
Willisville Community Wastewater System	Fall 2016	Southwest	Blue Ridge	$275,000
This project provided for the extension of wastewater treatment service to three properties in the Willisville community with failing septic systems.				
Health and Welfare	**Completion Date**	**Planning Subarea**	**Election District**	**Budget**
Mirror Ridge Group Residence Basement	Winter 2016	Potomac	Algonkian	$233,900
This project provided for the build-out of the basement of the Mirror Ridge Group Residence to provide additional residential living and program space.				
Youth Shelter Renovation	Summer 2017	Leesburg	Catoctin	$2,000,000
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, and Culture	**Completion Date**	**Planning Subarea**	**Election District**	**Budget**
Athletic Field Turf & Irrigation	Fall 2017	Countywide	Countywide	$2,100,000
This project funds turf and irrigation upgrades to 25 athletic fields at elementary and middle school sites throughout the County to improve playing field conditions.				
Bles Park Restrooms	Fall 2017	Ashburn	Algonkian	$281,435
This project provides funding to install a public restroom building in Bles Park.				
Brambleton District Park East Restrooms	Winter 2016	Dulles	Dulles	$3,125,000
This project installed public restrooms and completed three rectangular athletic fields with lighting and associated parking areas.				
Brambleton District Park West	Summer 2016	Ashburn, Dulles	Dulles, Blue Ridge	$7,874,900
This project provides for the development of a proffered park site in the Brambleton community. The park will consist of a total of nine athletic fields, fencing, paved parking lots, trails, public restrooms, and athletic field lighting.				
Claude Moore Recreation Center Pool Seating Expansion & HVAC Replacement	Fall 2018	Ashburn	Ashburn	$7,560,100
This project provides funding to expand the facility to accommodate spectator seating in the competition swimming pool area and replace the HVAC and air evacuation system.				
Dulles Multipurpose Center Phase II	Spring 2018	Dulles	Dulles	$42,420,000
This project provides funding for the Phase II construction of an approximately 81,300-square-foot aquatics and recreation center addition to the Dulles Multipurpose Center located on Riding Center Drive in the South Riding community.				
Edgar Tillett Memorial Park	Summer 2017	Ashburn	Blue Ridge	$2,379,405
This project provides for improvements to the 52-acre park site off of Belmont Ridge Road near the Broadlands development. The park contains two lighted baseball and two lighted softball fields with associated parking.				
E. E. Lake Store	Summer 2017	Route 7 West	Blue Ridge	$920,300
This project renovates and stabilizes the circa 1901 E.E. Lake General Store to open the building as a tourist center for hikers and cyclists in the Bluemont community. Included in the work are structural repairs and renovations for Americans with Disabilities Act accessibility to include public restrooms.				

Completed Projects

Parks, Recreation, and Culture	Completion Date	Planning Subarea	Election District	Budget
Franklin Park Rectangular Field Lights	Winter 2016	Route 7 West	Blue Ridge	$2,070,000
This project funds the design and construction to light the rectangular sports fields at Franklin Park.				
Lyndora Park Restrooms	Winter 2017	Ashburn	Dulles	$535,000
This project funds the installation of a public restroom building in Lyndora Park.				
Sterling Library	Winter 2017	Sterling	Sterling	$6,500,000
This project relocates the Sterling Library to a storefront or office space location in the Sterling community to renovate its current location to become a larger Sterling Community Center. This project is part of the Board of Supervisors' adopted Sterling Public Facilities Master Plan.				

Public Safety	Completion Date	Planning Subarea	Election District	Budget
Ashburn Fire & Rescue Station	Fall 2016	Ashburn	Broad Run	$6,250,000
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.				
Ashburn Sheriff Station	Fall 2019	Ashburn	Broad Run	$14,839,890
This project constructs an 18,000-square-foot Sheriff station on a County-owned site of approximately five-acres in the One Loudoun community. The station will include offices, work rooms, interview rooms, processing areas, evidence storage, and equipment storage.				
Fire Station Alerting System	Spring 2018	Countywide	Countywide	$740,000
This project upgrades existing older stations with new incident alerting technology. Stations scheduled to be upgraded include Dulles South PSC, Hamilton, Philomont, Loudoun Rescue-Leesburg, Sterling, and Leesburg Fire.				
Fire & Rescue Training Prop Lots	Summer 2017	Leesburg	Catoctin	$2,103,545
This project constructs a training facility that provides incident training prop lots. The current phase of the project provides for the relocation of two Metro Rail Cars to a Metro Rail Car Prop and purchases a Flash-Over Simulator. These props will complete the Training Prop Lot.				
Kirkpatrick Fire & Rescue Station	Winter 2017	Dulles	Blue Ridge	$12,930,000
This project is a new Fire & Rescue station in the Dulles Planning Subarea of the County on a proffered five-acre site south of Braddock Road and west of Loudoun County Parkway.				
Western Loudoun Sheriff Station	Winter 2017	Route 7 West	Blue Ridge	$6,935,000
This project constructs an 8,775-square-foot Sheriff station in the Round Hill area of the County. Located along the Route 7 corridor, the station will replace leased space in the Town of Round Hill.				

Transportation	Completion Date	Planning Subarea	Election District	Budget
Allder School Road Paving	Spring 2019	Route 7 West	Blue Ridge	$8,395,550
This project provides for the paving of Allder School Road (Route 711) from Woodgrove Road (Route 719) to Hillsboro Road (Route 690).				
Belmont Ridge Road (Gloucester to Hay)	Construction	Fall 2018	Ashburn	$61,030,800
This project provides funding to expand the road from two lanes to a four-lane, median-divided roadway. The project also includes two bridge spans over the Washington & Old Dominion Trail (W&OD) Trail.				
Belmont Ridge Road - Truro Parish Signal	Fall 2016	Ashburn	Broad Run, Blue Ridge	$29,950
This project designs a traffic signal to be installed at Belmont Ridge Road and Truro Parish Drive.				

Completed Projects

Transportation	Completion Date	Planning Subarea	Election District	Budget
Claiborne Parkway	Construction	Summer 2018	Ashburn	$7,785,450
This project provides funding to design and construct the segment of Claiborne Parkway between Ryan Road and Croson Lane. This is the final section of Claiborne Parkway (Route 901) necessary to complete the road, allowing for a continuous facility from Route 7 to Loudoun County Parkway (Route 607).				
Croson Lane	Fall 2017	Ashburn	Broad Run	$5,653,500
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 meet the Virginia Department of Transportation (VDOT) standards and will become part of the VDOT system for maintenance.				
Gloucester Parkway	Summer 2016	Ashburn	Broad Run	$40,000,000
This project designs and constructs a four-lane missing link of Gloucester Parkway between Loudoun County Parkway and Pacific Boulevard. This is a design-build project being administered by VDOT.				
Gloucester/Smith Switch/Ashby Ponds Intersection	Fall 2017	Ashburn	Broad Run	$681,350
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.				
Mooreview Parkway	Spring 2018	Ashburn	Dulles	$9,678,600
This project provides funding to construct the segment of Mooreview Parkway between Croson Lane and Old Ryan Road. This segment of Mooreview Parkway is critical to have in place in time for the opening of the Route 772 Metro station in order to get commuters to the Metro station and commuter parking areas within the Moorefield Station development, as well as to provide access to ES-16 and the future Moorefield Station Community Park.				
Loudoun County Parkway & Center Street Intersection	Spring 2017	Dulles	Dulles	$648,330
The purpose of this project is to conduct a study to determine safety improvements to mitigate angle crashes at the intersection of Loudoun County Parkway and Center Street.				
Northstar Boulevard & Ryan Road Intersection	Winter 2017	Dulles	Blue Ridge	$534,700
This project includes the installation of a new traffic signal at Northstar Boulevard and Ryan Road.				
Pleasant Valley Drive & Braddock Road Intersection	Summer 2016	N/A	N/A	$1,400,000
This project designs and constructs a roundabout at the intersection of Pleasant Valley Drive and Braddock Road in Fairfax County. This is a design-build project being administered by VDOT.				
Route 606 Widening	Summer 2018	Dulles	Dulles, Blue Ridge	$40,285,570
This project provides funding for preliminary engineering, design, and construction of two additional lanes to widen Route 606 to four lanes from Evergreen Mills Road to the Dulles Greenway.				
Route 772 Connector Bridge	Winter 2018	Ashburn	Broad Run	$26,528,350
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 Metro Station.				
Russell Branch Parkway	Summer 2016	Ashburn	Broad Run	$6,012,400
This project designs and constructs a section of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard.				

Completed Projects

Transportation	Completion Date	Planning Subarea	Election District	Budget
Sterling Area Sidewalks	Spring 2017	Sterling	Sterling	$668,950
This project provides for the design and construction of sidewalk improvements in the Sterling area.				
Sterling Boulevard Sidewalk	Spring 2017	Sterling	Sterling	$47,400
This project provides funding to design and construct a missing sidewalk link along the western side of Sterling Boulevard between the W&OD and the Chase Heritage apartments.				
Stone Ridge Park & Ride Lot	Summer 2017	Dulles	Dulles	$6,120,400
This project provides funding to design and construct a 300-space lot on a County-owned five-acre site on proffered land in the Stone Ridge development.				
Sterling Boulevard Beautification	Summer 2016	Sterling	Sterling	$286,500
This project installs landscaping along both sides of Sterling Boulevard between Route 7 and E. Holly Avenue. In addition, the project scope includes constructing sidewalk and crosswalk connections to provide safe pedestrian movements.				
Tall Cedars Parkway	Spring 2017	Dulles	Dulles	$13,188,300
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.				
Tall Cedars Parkway & Poland Road Intersection	Winter 2017	Dulles	Dulles	$690,000
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	Southwest	Blue Ridge	$1,790,000
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.				
Waxpool Road	Fall 2017	Ashburn	Ashburn, Broad Run	$5,486,000
This project designs and constructs a four-lane section of Waxpool Road between Faulkner Parkway and Unbridled Way. The project also includes the installation of a traffic signal at the intersection of Waxpool Road and Ashburn Village Parkway.				
Woods Road	Fall 2016	Route 15 South	Catoctin	$2,050,000
This project constructed a two-lane roadway from Evergreen Mills Road to just north of the Loudoun County Landfill.				

Schools	Completion Date	Planning Subarea	Election District	Budget
Loudoun County HS Naval JROTC Facility	Winter 2015	Leesburg	Leesburg	$2,897,291
This project provides for the installation of a new traffic signal at Sycolin Road and Loudoun Center Place.				

Expected completion dates are subject to change and are based upon information provided in the FY 2019, Second Quarter CIP Project Status Report provided to the Board of Supervisors' Finance/Government Operations and Economic Development Committee meeting on January 8, 2019.

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Capital Improvement Program
Previously Authorized Projects

Previously Authorized Projects

General Government	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Landfill Reclamation Project	Construction	TBD	Leesburg	Catoctin	$21,480
This project is a reclamation project to remediate the oldest landfill cell, which will eliminate environmental liabilities and increase capacity at the landfill.					

Health and Welfare	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Round Hill Group Residence	Construction	Spring 2019	Route 7 West	Blue Ridge	$2,435,000
This project designs and constructs a group residence on a proffered site located at 17394 Arrowwood Place in the Villages at Round Hill.					

Parks, Recreation, and Culture	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Bles District Park Facility Improvements	Design	Fall 2021	Ashburn	Algonkian	$3,425,000
This project provides funding for park improvements including: additional parking spaces, safety netting, a updated playground with new equipment, a picnic pavilion, and a canoe/kayak launch.					
Bolen Park Site & Parking Improvements	Design	Fall 2018	Leesburg	Catoctin	$13,625,000
This project provides funding to design and construct approximately 1,000 parking spaces at Bolen Park to support events at the DC United Sports Complex.					
Claude Moore Park Restrooms & Lights	Construction	Winter 2019	Sterling	Sterling	$924,175
This project funds the installation of a public restroom building in Claude Moore Park and lights a football field in the active recreation area.					
Lovettsville Community Center Replacement	Construction	TBD	Northwest	Catoctin	$9,380,000
This project provides for the design and construction of a new community center building in the Town of Lovettsville to replace the existing building.					
Lovettsville District Park Phase I	Design	Winter 2019	Northwest	Catoctin	$14,408,515
This project provides for the design and construction of a District Park to serve the Lovettsville area on a 91-acre County-owned site. The park will contain seven athletic fields, restrooms, concessions, maintenance facilities, and an equestrian area.					
Moorefield Station Community Park	Construction	TBD	Ashburn	Dulles	$7,490,000
This community park, on the same site as the Moorefield Elementary School site, will contain two rectangular fields, one diamond field, field lighting, trail and sidewalk network, public restrooms and concessions, and parking.					
Potomac Green Community Park	Construction	TBD	Ashburn	Broad Run	$3,250,000
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.					

Previously Authorized Projects

Parks, Recreation, and Culture	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Scott Jenkins Memorial Park Phase II	Construction	Summer 2019	Route 7 West	Catoctin	$9,422,610
This project constructs Phase II park amenities which include three small baseball fields, one rectangular athletic field, associated parking, public restrooms and concessions to serve the park.					
Sterling Community Center	Design	Winter 2019	Sterling	Sterling	$15,502,000
This project provides for the renovation of the community center building including the expansion of community center programming in the current Sterling Library space.					
Trailside Park Restrooms	Construction	Winter 2019	Ashburn	Ashburn	$477,804
This project funds the installation of a public restroom building in Trailside Park.					
Waterford Mill	Design	TBD	Northwest	Catoctin	$952,950
This project provides for landscaping and scenic beautification along Virginia Scenic Byways at the Waterford Old School site.					
Woodgrove Park Restrooms	Construction	Winter 2019	Route 7 West	Blue Ridge	$562,462
This project funds the installation of a public restroom building in Woodgrove Park.					

Public Safety	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Juvenile Detention Center Phase I	Construction	TBD	Leesburg	Catoctin	$20,411,931
This project designs and constructs a new 40-bed Juvenile Detention Center on the Government Support Center site off of Sycolin Road in Leesburg.					
Leesburg Fire & Rescue Station 20 Expansion	Construction	Spring 2020	Leesburg	Catoctin	$6,489,163
This project provides funding to construct an approximately 8,100 square foot expansion to the Leesburg Fire and Rescue Station #20.					
Lovettsville Fire & Rescue Station Replacement	Design	TBD	Northwest	Catoctin	$14,500,000
This project provides the funding for the first phase to replace the Lovettsville Fire and Rescue Station.					
Public Safety Firing Range	Construction	Winter 2020	Leesburg	Catoctin	$25,900,000
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	Spring 2020	Sterling	Sterling	$18,421,000
This project provides funding to design and construct a new 22,000-square-foot replacement station for the Sterling Volunteer Fire and Rescue Companies.					

Transportation	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Traffic Signal Preemption Devices	Construction	Summer 2019	Countywide	Countywide	$1,570,000
This project provides funding to equip 76 key intersections in the County with traffic signal preemption devices.					

Previously Authorized Projects

Transportation	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Ashburn Road Sidewalks	Construction	Summer 2019	Ashburn	Broad Run	$638,000
This project provides funding to design and construct a sidewalk along the eastern side of Ashburn Road between Partlow Road and the Washington and Old Dominion Trail.					
Braddock/Summerall/ Supreme	Design	Spring 2019	Dulles	Dulles, Blue Ridge	$4,421,000
This project provides for the installation of a traffic signal and turn lanes at the intersection of Braddock Road (Route 620) and Supreme Drive (Route 1257)/Summerall Drive (Route 1258). The missing half-section of Braddock Road near the subject intersection will be widened from two lanes to four lanes.					
Edgewater Street & Poland Road Intersection	Construction	Summer 2019	Dulles	Dulles	$950,000
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 the Virginia Department of Transportation.					
Metro Parking Garages	Construction	Summer 2019	Ashburn	Broad Run	$84,500,000
This project designs three Metro parking structures to serve the two Metro Silver Line stations in Loudoun County.					
Riverside Parkway Loudoun County Parkway to Lexington Drive	Utilities	Winter 2019	Ashburn	Algonkian	$18,337,175
This project funds the design and construction of a four-lane divided road segment between Loudoun County Parkway and Lexington Drive, as well as a new Loudoun Water main along Smith Circle and a temporary traffic signal at Loudoun County Parkway and George Washington Boulevard.					
Riverside Parkway	Construction	Winter 2019	Ashburn	Ashburn, Algonkian	$3,750,000
This project constructs the missing link segment of the Riverside Parkway/Lexington Drive Extension at Janelia Farm. The missing link segment is proposed as an interim four-lane median divided roadway of approximately 1,550-linear-feet. The ultimate planned condition is for a six-lane median-divided roadway.					
Round Hill to Franklin Park Trail	Construction	Fall 2020	Route 7 West	Blue Ridge	$2,739,949
This project involves the construction of sidewalks and a shared-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 2019	Ashburn	Ashburn, Broad Run, Algonkian	$7,253,450
This project provides cash proffers to the developer of One Loudoun to off-set the costs of utility relocation, stormwater management, wetlands mitigation, permitting costs, and traffic management plans at the intersection of Route 7 and Ashburn Village Boulevard.					
Route 7 / Battlefield Parkway Interchange	Design	TBD	Leesburg	Leesburg	$58,000,000
This project provides for the planning, design, right-of-way acquisition, and construction of an interchange at the intersection of Route 7 and Battlefield Parkway within the Town of Leesburg.					
Route 7 / Route 659 Interchange & Widening	Construction	Spring 2019	Ashburn	Ashburn	$77,228,875
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.					

Previously Authorized Projects

Transportation	Phase	Expected Completion Date	Planning Subarea	Election District	Budget
Route 28 Hot Spot Improvements	Construction	TBD	Ashburn, Dulles, Sterling	Broad Run, Dulles	$12,400,000
This project constructs an additional southbound lane of Route 28 from Sterling Boulevard to the Dulles Toll Road.					
Shaw Road	Land	Spring 2019	Sterling	Sterling	$2,938,879
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.					
Sterling Boulevard Extension	Design	Winter 2019	Sterling	Sterling	$24,128,650
This project provides funding to design and construct an extension of Sterling Boulevard between Pacific Boulevard and Moran Road.					
Traffic Signal Emergency Backup System	FFE	Fall 2019	Countywide	Countywide	$1,005,000
This project provides funding to equip specific, high-priority traffic volume intersections in the County with emergency backup power to keep key traffic signals in operation in the event of a prolonged widespread power outage.					
Waxpool Road Intersection Improvements	Land	Fall 2019	Ashburn	Broad Run	$7,400,000
This project designs and constructs intersection improvements and turn lanes at Waxpool Road and Pacific Boulevard and at Waxpool Road and Broderick Drive.					
Woodgrove High School/Fields Farm Park Road	Design	Fall 2018	Route 7 West	Blue Ridge	$3,815,000
This project provides funding to design and construct a two-lane road connecting Woodgrove High School to Route 690 through the County-owned Fields Farm park property.					
Expected completion dates are subject to change and are based upon information provided in the FY 2019, Second Quarter CIP Project Status Report provided to the Board of Supervisors' Finance/Government Operations and Economic Development Committee meeting on January 8, 2019.					

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1757

Capital Improvement Program
County Capital Projects

Contents

Administration	10-4
General Government	10-16
Health and Welfare	10-32
Parks, Recreation and Culture	10-36
Public Safety	10-62

County Capital Projects

Table of Contents

Administration Projects Summary **10-4**

Land Acquisition Fund 10-6
Major Computer Systems 10-7
Data Center and Fiber Plant Relocation 10-8
Fiber Backbone Replacement/I-Net 10-9
Public Safety 911 Phone Switch Replacement 10-10
Public Safety Handheld Radio Replacements 10-11
Public Safety Radio Tower Coverage Program 10-12
Public Safety Redundant Master/Prime Tower 10-13
School Radio Coverage Program 10-14

General Government Projects Summary **10-16**

Capital Project Management 10-18
CIP Contingency 10-19
Consolidated Shops and Warehouse 10-20
County Renovation Program 10-21
Eastern Service Center 10-22
General Government Office Space - Sycolin Road Phase I 10-23
Landfill - Construction Demolition Debris Unit 10-24
Landfill - Leachate System Upgrade 10-25
Landfill - Sequence 1A Cap 10-26
Landfill - Sequence V Closure 10-27
Storm Water Management 10-28
Town of Hillsboro - Old Stone School/Town Hall 10-29
Town of Purcellville - Bush Tabernacle 10-30
Water/Wastewater Fund 10-31

Health and Welfare Projects Summary **10-32**

Adolescent Independent Living Residence 10-34
DS Group Residence - Eastern Loudoun 10-35

County Capital Projects

Parks, Recreation and Culture Projects Summary **10-36**

Ashburn Recreation and Community Center 10-38
Ashburn Senior Center 10-39
Brambleton Library 10-40
Brambleton West Park Improvements 10-41
Broad Run Stream Valley Linear Park 10-42
Children's Science Center 10-43
Dulles Adult Day Center 10-44
Dulles South Neighborhood Park 10-45
Fields Farm Park 10-46
Franklin Park to Purcellville Trail 10-47
Goose Creek Stream Valley Linear Park 10-48
Hal and Berni Hanson Regional Park 10-49
Loudoun State Park 10-50
Lovettsville District Park Phase II 10-51
Philip A. Bolen Park Phase II 10-52
Potomac Sportsplex - Field Improvements 10-53
Scott Jenkins Park Phase III 10-54
STEM Library 10-55
Sterling Neighborhood Park 10-56
Teen Center 10-57
Town of Hamilton - Hamilton Community Park 10-58
Town of Leesburg - Veteran's Park 10-59
Town of Round Hill - Sleeter Lake Park 10-60
Western Loudoun Recreation Center 10-61

.

Public Safety Projects Summary **10-62**

Animal Services Facility 10-64
Courts Complex Phase III 10-65
Fire and Rescue Capital Apparatus 10-66
Fire and Rescue Vehicle Recruit Training Facility 10-67
Fire and Rescue Station Storage Sheds 10-68
Fire and Rescue Training Academy Expansion 10-69
Fire and Rescue Training Tower 10-70
Juvenile Detention Center Phase II 10-71
Fire and Rescue Station #04 - Round Hill Station Replacement 10-72
Fire and Rescue Station #05/17 - Hamilton Station Replacement 10-73
Fire and Rescue Station #07 - Aldie Station Replacement 10-74
Fire and Rescue Station #08 - Philomont Station Replacement 10-75
Fire and Rescue Station #28 - Leesburg South Station 10-76
Fire and Rescue Station #29 - Old Ox Station 10-77

Capital Improvement Program by Functional Area
Schedule of Appropriations
General Capital Projects Fund

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Administration	255,942	11,442	14,800	15,190	56,080	24,230	-	121,742	28,180	405,864
Health and Welfare	-	-	-	3,055	-	-	-	3,055	6,646	9,701
General Government	158,388	54,099	47,214	22,003	22,689	37,164	136,359	319,528	81,543	559,459
Parks, Recreation, and Culture	158,699	21,282	10,664	56,985	31,225	-	6,630	126,786	237,419	522,904
Public Safety	145,838	26,450	3,090	47,538	22,508	32,527	20,488	152,601	34,633	333,072
Total Cost	**718,867**	**113,273**	**75,768**	**144,771**	**132,502**	**93,921**	**163,477**	**723,712**	**388,421**	**1,831,000**
Funding Sources										
Local Tax Funding	240,588	35,202	44,905	49,266	78,987	49,806	25,607	283,773	118,628	642,989
Local Tax Funding - Roads	-	-	285	-	-	-	-	285	-	285
Fund Balance	42,494	27,428	-	-	-	-	-	27,428	-	69,922
General Obligation Bonds	167,430	4,300	-	37,190	46,235	20,755	23,240	131,720	253,019	552,169
Lease Revenue Financing	123,088	20,350	14,465	54,995	7,280	23,360	114,630	235,080	16,774	374,942
Proffers (Cash)	79,799	18,560	10,023	3,320	-	-	-	31,903	-	111,701
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	**718,867**	**113,273**	**75,768**	**144,771**	**132,502**	**93,921**	**163,477**	**723,712**	**388,421**	**1,831,000**

Capital Improvement Program Administration

Capital Improvement Program by Functional Area
Schedule of Appropriations
Administration and Information Technology

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Land Acquisition Fund	248,317	1,480	6,635	11,130	44,035	21,680	-	84,960	19,305	352,582
LMIS	6,000	3,462	-	-	-	-	-	3,462	-	9,462
Microsoft Upgrades	-	-	1,300	-	-	-	-	1,300	-	1,300
MHSADS Electronic Health Records	-	150	2,000	-	-	-	-	2,150	-	2,150
Oracle HCM Reconfiguration	-	2,500	-	-	-	-	-	2,500	-	2,500
eBuilder Upgrade	-	500	-	-	-	-	-	500	-	500
Enterprise/Data Architect	-	-	400	-	-	-	-	400	-	400
IT Contingency	-	-	1,500	-	-	-	-	1,500	-	1,500
Data Center and Fiber Plant Relocation	-	-	1,765	-	-	-	-	1,765	-	1,765
Fiber Backbone Replacement/I-Net	-	-	-	695	-	-	-	695	-	695
Public Safety 911 Phone Switch Replacement	-	-	-	-	2,300	-	-	2,300	-	2,300
Public Safety Handheld Radio Replacements	-	-	-	-	9,745	-	-	9,745	-	9,745
Public Safety Radio Tower Coverage Sites	-	1,400	600	2,765	-	2,550	-	7,315	8,875	16,190
Public Safety Redundant Master/Prime Tower	1,625	1,450	-	-	-	-	-	1,450	-	3,075
School Emergency Radio Coverage	-	500	600	600	-	-	-	1,700	-	1,700
Budgetary Cost	**255,942**	**11,442**	**14,800**	**15,190**	**56,080**	**24,230**	**-**	**121,742**	**28,180**	**405,864**
Funding Source										
Local Tax Funding	96,841	2,630	10,895	12,090	50,800	22,430	-	98,845	28,180	223,866
Fund Balance	36,934	6,450	-	-	-	-	-	6,450	-	43,384
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	11,830	2,362	3,905	3,100	5,280	1,800	-	16,447	-	28,277
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Total Financing	**255,942**	**11,442**	**14,800**	**15,190**	**56,080**	**24,230**	**-**	**121,742**	**28,180**	**405,864**

Land Acquisition Fund

Details

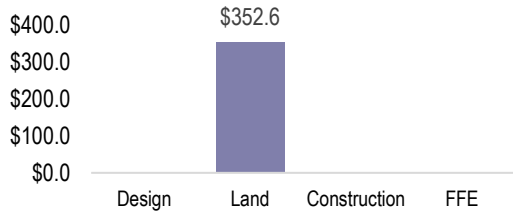
Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: n/a
Referendum: n/a

Background:

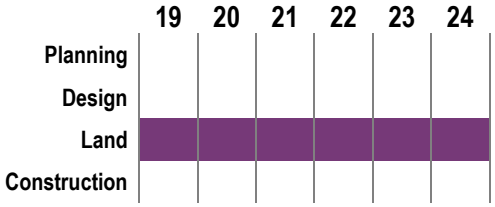
To develop the facilities in the Capital Plan, the County utilizes land sites already owned by the County and the Loudoun County School Board, proffered land sites to be dedicated to the County, and sites that need to be acquired. This project page outlines the projects where land sites need to be acquired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

During the FY 2019 - FY 2024 capital planning period, County site acquisitions are planned for the Courts Complex and Eastern DS Group Residence in FY 2019. Land acquisition for Loudoun County Public School projects is planned in FY 2020, FY 2021, FY 2022, and FY 2023.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Land Acquiisition - County Projects	118,435	1,480	-	-	-	-	-	1,480	-	119,915
Land Acquisition - School Projects	129,882	-	6,635	11,130	44,035	21,680	-	83,480	19,305	232,667
Total Cost	**248,317**	**1,480**	**6,635**	**11,130**	**44,035**	**21,680**	**-**	**84,960**	**19,305**	**352,582**
Local Tax Funding	95,216	1,480	2,730	8,030	38,755	19,880	-	70,875	19,305	185,396
Fund Balance	36,934	-	-	-	-	-	-	-	-	36,934
General Obligation Bonds	52,475	-	-	-	-	-	-	-	-	52,475
Lease Revenue Financing	5,830	-	3,905	3,100	5,280	1,800	-	14,085	-	19,915
Proffers (Cash)	1,855	-	-	-	-	-	-	-	-	1,855
Proffers (In-Kind)	51,409	-	-	-	-	-	-	-	-	51,409
State Capital Assistance	4,598	-	-	-	-	-	-	-	-	4,598
Total Financing	**248,317**	**1,480**	**6,635**	**11,130**	**44,035**	**21,680**	**-**	**84,960**	**19,305**	**352,582**

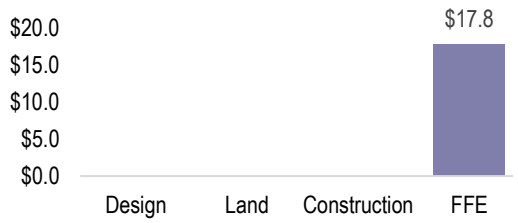
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	468	731	1,196	1,345	3,740
Total Impact	**-**	**-**	**468**	**731**	**1,196**	**1,345**	**3,740**

Major Computer Systems

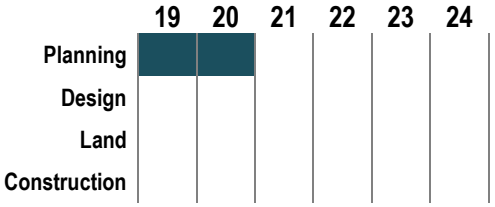
Details

Project Number: TBD
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

This program plans for the acquisition or replacement of major computer systems that cost more than $500,000 per system, as well as including a contingency fund for information technology projects. Planned major computer systems acquisitions include costs related to:

FY 2019 Land Management Information System (LMIS) Replacement;
Oracle System Upgrades for module integration;
eBuilder/Oracle Integration;

FY 2020 Microsoft Upgrades to Windows 10/desktop productivity software;
Enterprise Data Architect;
MHSADS Electronic Health Records System (EHR) Replacement;

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.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
LMIS	6,000	3,462	-	-	-	-	-	3,462	-	9,462
MS Upgrades	-	-	1,300	-	-	-	-	1,300	-	1,300
Oracle Upgrade	-	2,500	-	-	-	-	-	2,500	-	2,500
eBuilder Upgrade	-	500	-	-	-	-	-	500	-	500
Enterprise Data Architect	-	-	400	-	-	-	-	400	-	400
IT Contingency	-	-	1,500	-	-	-	-	1,500	-	1,500
MHSADS E.H.R.	-	150	2,000	-	-	-	-	2,150	-	2,150
Total Cost	**6,000**	**6,612**	**5,200**	**-**	**-**	**-**	**-**	**11,812**	**-**	**17,812**
Local Tax Funding	-	650	5,200	-	-	-	-	5,850	-	5,850
Fund Balance	-	3,600	-	-	-	-	-	3,600	-	3,600
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	6,000	2,362	-	-	-	-	-	2,362	-	8,362
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**6,000**	**6,612**	**5,200**	**-**	**-**	**-**	**-**	**11,812**	**-**	**17,812**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	123	1,018	1,575	1,514	1,453	5,682
Total Impact	**-**	**123**	**1,018**	**1,575**	**1,514**	**1,453**	**5,682**

Data Center and Fiber Plant Relocation

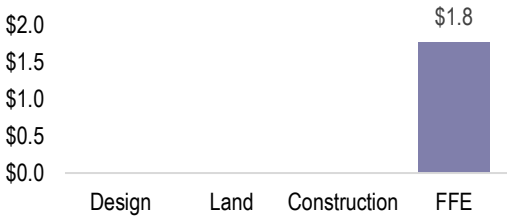
Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: FY 2020
Referendum: n/a

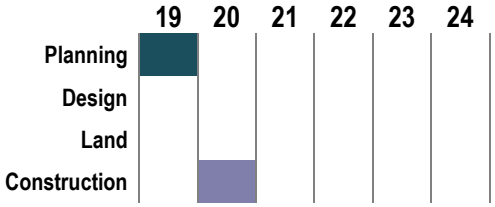
Background

Existing data center facilities are aging and present a significant risk to continuity of operations. This project begins the process to migrate the County's data center facilities to a private fit-for-purpose data center within Loudoun County. This will allow DIT to collapse the existing, aging data center facilities into a primary fit-for-purpose location.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	1,765	-	-	-	-	1,765	-	1,765
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**1,765**	**-**	**-**	**-**	**-**	**1,765**	**-**	**1,765**
Local Tax Funding	-	-	1,765	-	-	-	-	1,765	-	1,765
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**1,765**	**-**	**-**	**-**	**-**	**1,765**	**-**	**1,765**

Fiber Backbone Replacement/I-Net

Details

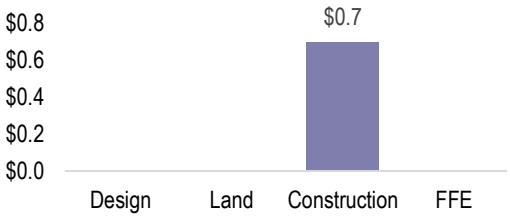
Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: FY 2021
Referendum: n/a

Background

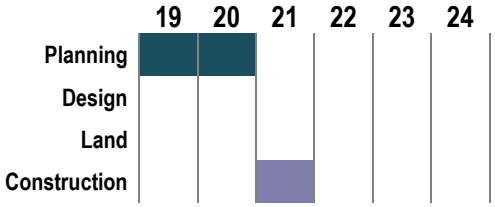
This project provides funding for replacing the current Comcast I-Net fiber network around Leesburg. Funding will replace this 20-plus year-old fiber with leased fiber.

The Loudoun County fiber backbone provides connectivity to approximately 20 sites in the Leesburg area, including the Government Center, Shenandoah Office Building, Emergency Communications Center (ECC), Backup ECC, Emergency Operations Center (EOC), and the Courts Complex.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	695	-	-	-	695	-	695
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**695**	**-**	**-**	**-**	**695**	**-**	**695**
Local Tax Funding	-	-	-	695	-	-	-	695	-	695
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**695**	**-**	**-**	**-**	**695**	**-**	**695**

911 Phone Switch Replacement

Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: FY 2022
Referendum: n/a

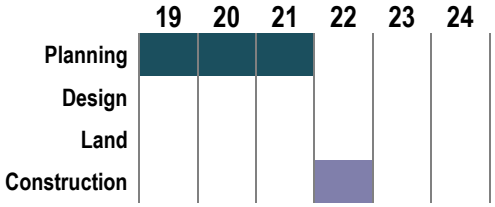
Background

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

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

Phase Costs in Millions

Project Phase Timeline by FY



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

Handheld Public Safety Radio Replacements

Details

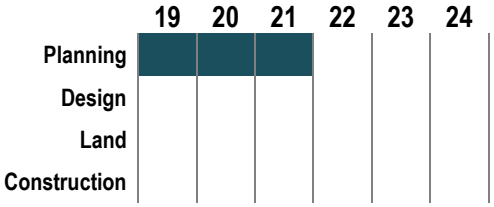
Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: FY 2022
Referendum: n/a

Background

This project will replace approximately 1,600 handheld radios, including the replacement of 115 radios for the Town of Leesburg and 800-plus battery chargers currently in use by Fire and Rescue and the Sheriff's Office. Handheld radios have an estimated lifespan of seven years; the replacement of the battery chargers is due to technology updates requiring replacement in FY 2022.

Phase Costs in Millions

Project Phase Timeline by FY



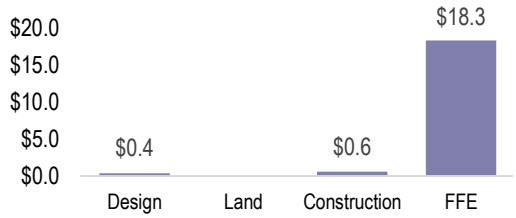
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	9,745	-	-	9,745	-	9,745
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**9,745**	**-**	**-**	**9,745**	**-**	**9,745**
Local Tax Funding	-	-	-	-	9,745	-	-	9,745	-	9,745
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**9,745**	**-**	**-**	**9,745**	**-**	**9,745**

Public Safety Radio Tower Expansion Program

Details

Project Number: C02218
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



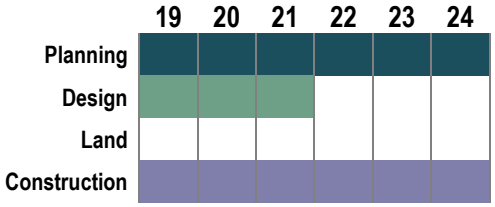
Background

Due to population growth within the County it is expected that additional public safety radio towers are needed to provide the required radio coverage for first responders. The Phase I coverage study identified that nine additional towers are needed in various locations in the County.

Phase I: $2 million was budgeted in FY 2019 and FY 2020 in order to provide one new tower in South Riding as identified in the coverage study.

Phase II: Installation of new towers as identified in the coverage study starting in FY 2021 and every two years after that. Future funding for this program will be re-evaluated based on updated requirements.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	375	-	-	-	375	-	375
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	600	-	-	-	-	600	-	600
Furniture, Fixtures & Equip	-	1,400	-	2,390	-	2,550	-	6,340	8,875	15,215
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,400**	**600**	**2,765**	**-**	**2,550**	**-**	**7,315**	**8,875**	**16,190**
Local Tax Funding	-	-	600	2,765	-	2,550	-	5,915	8,875	14,790
Fund Balance	-	1,400	-	-	-	-	-	1,400	-	1,400
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,400**	**600**	**2,765**	**-**	**2,550**	**-**	**7,315**	**8,875**	**16,190**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	35	138	135	131	128	125	692
Total Impact	**35**	**138**	**135**	**131**	**128**	**125**	**692**

Public Safety Redundant Master/Prime Site

Details

Project Number: C02174
Election District: Countywide
Square Feet: n/a
Location: Countywide
Completion Year: FY 2019
Referendum: n/a

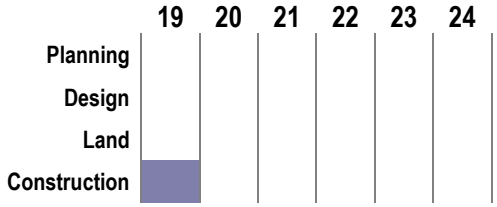
Background

In 2016, the County's public safety radio system experienced a system failure caused by an external electrical malfunction that destroyed critical infrastructure.

In an effort to ensure similar failures are minimized and mitigated in the future, this project provided $1.625 million in local tax funding from the Major Equipment Replacement Fund in FY 2018, and $1.450 million in lease revenue financing in the Capital Projects Fund in FY 2019 to build a geographically-redundant master/prime site. This work will allow the radio system to operate normally in the event of a failure at a single master/prime site. A new location for a redundant site is recommended in leased commercial data center space, which is an operating expense included in DIT's base budget.

Phase Costs in Millions

Project Phase Timeline by FY



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

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

School Radio Coverage Program

Details

Project Number: C02217
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: n/a
Referendum: n/a

Background

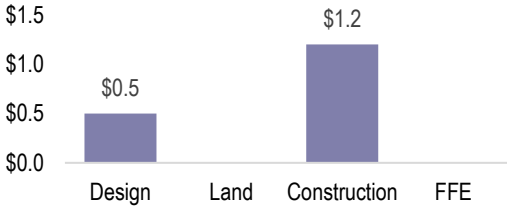
Bi-Directional Amplifiers (BDAs) in public school buildings provide Public Safety radio coverage for the School Resource Officers. The coverage study included in this project in FY 2019 will identify the location of schools needing boosters and determine the proper replacement schedule of existing BDAs.

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

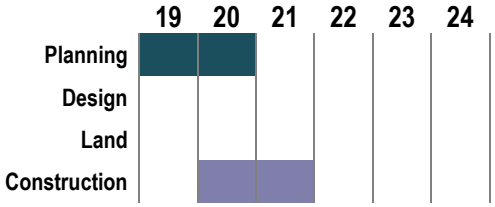
Phase II: Funding in FY 2020 and FY 2021 is for the initial installation and replacement of 12 BDAs as identified by LCPS.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	500	-	-	-	-	-	500	-	500
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	600	600	-	-	-	1,200	-	1,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**500**	**600**	**600**	**-**	**-**	**-**	**1,700**	**-**	**1,700**
Local Tax Funding	-	500	600	600	-	-	-	1,700	-	1,700
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proffers (In-Kind)	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**500**	**600**	**600**	**-**	**-**	**-**	**1,700**	**-**	**1,700**

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Capital Improvement Program
General Government

Capital Improvement Program by Functional Area
Schedule of Appropriations
General Government

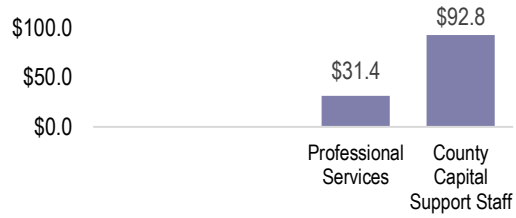
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Capital Project Management	64,059	6,646	2,326	2,306	2,375	2,447	2,520	18,620	10,080	92,759
Capital Project Management Consulting Services	9,013	4,250	4,541	1,587	1,634	1,683	1,734	15,429	6,935	31,377
CIP Contingency	11,900	23,428	13,662	4,500	2,500	2,500	2,500	49,090	10,000	70,990
Consolidated Shops and Warehouse	31,200	-	4,000	3,500	-	-	-	7,500	-	38,700
Eastern Services Center	-	-	-	-	-	-	17,250	17,250	-	17,250
General Government Office Space - Sycolin Road Phase I	-	-	-	-	-	15,965	97,380	113,345	10,128	123,473
Landfill - Debt Service	4,462	2,334	2,410	-	-	-	-	4,744	-	9,206
Landfill - Sequence IA Cap	-	-	1,500	-	-	-	-	1,500	-	1,500
Landfill - Sequence V Closure	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Landfill - Construction Demolition Debris Unit	-	5,100	1,080	-	-	-	-	6,180	-	6,180
Landfill - Leachate System Upgrade	-	-	2,600	-	-	-	-	2,600	-	2,600
County Renovation Program - Government Center	-	2,638	-	-	-	-	-	2,638	-	2,638
County Renovation Program - Waterford	-	-	-	-	2,000	-	-	2,000	-	2,000
County Renovation Program - Transit Maintenance Operations	-	-	400	-	-	-	-	400	-	400
County Renovation Program - Shenandoah Building	-	-	-	-	4,000	4,000	4,000	12,000	-	12,000
County Renovation Program - Renovation Fund	-	-	1,000	1,000	1,000	1,000	1,000	5,000	4,000	9,000
Town of Hillsboro - Old Stone School/Town Hall	33,025	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	102,769
Town of Purcellville - Bush Tabernacle	80	243	184	-	-	-	-	427	-	507
Storm Water Management	-	-	-	300	-	-	-	300	-	300
Water/Wastewater Fund	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Total Cost	**158,388**	**54,099**	**47,214**	**22,003**	**22,689**	**37,164**	**136,359**	**319,528**	**81,543**	**559,459**
Funding Source										
Local Tax Funding	129,147	21,456	30,095	18,503	20,689	21,199	21,729	133,671	71,415	334,233
Local Tax Funding - Roads	-	-	285	-	-	-	-	285	-	285
Fund Balance	3,700	20,978	-	-	-	-	-	20,978	-	24,678
Lease Revenue Financing	21,000	3,988	10,560	3,500	2,000	15,965	114,630	150,643	10,128	181,771
Proffers (Cash)	80	243	184	-	-	-	-	427	-	507
Landfill Fees	4,462	7,434	6,090	-	-	-	-	13,524	-	17,986
Total Financing	**158,388**	**54,099**	**47,214**	**22,003**	**22,689**	**37,164**	**136,359**	**319,528**	**81,543**	**559,459**

Capital Project Management

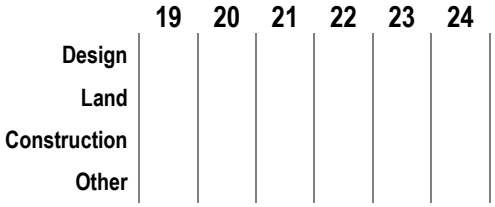
Details

Project Number: C02011
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

The Capital Project Management account provides funding for County resources in the Department of Transportation & Capital Infrastructure, Department of Management and Budget, the Department of Finance and Procurement, and the Department of Information Technology to support the County's capital projects. Types of support include budget development, procurement, accounting, and program oversight, and staffing costs for these support positions are included in this account.

Direct project-related staffing costs, such as land acquisition, design engineering, and construction management are included in project budgets.

Due to the high volume of design and construction projects, this account includes annual allocations of local tax funding to hire consulting services from private firms to assist with project planning, such as scoping, cost estimation, and scheduling.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	9,013	4,250	4,541	1,587	1,634	1,683	1,734	15,429	6,935	31,377
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	64,059	6,646	2,326	2,306	2,375	2,447	2,520	18,620	10,080	92,759
Total Cost	**73,072**	**10,896**	**6,868**	**3,893**	**4,009**	**4,130**	**4,254**	**34,050**	**17,015**	**124,136**
Local Tax Funding	73,072	10,896	6,868	3,893	4,009	4,130	4,254	34,050	17,015	124,136
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**73,072**	**10,896**	**6,868**	**3,893**	**4,009**	**4,130**	**4,254**	**34,050**	**17,015**	**124,136**

CIP Contingency

Details

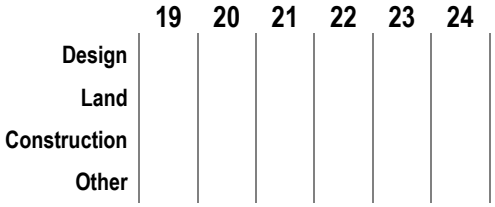
Project Number: C00030
Election District Countywide
Square Feet: n/a
Location: Countywide
Estimated Completion Year: Ongoing
Referendum: n/a

Background

The Capital Improvement Program (CIP) Contingency account includes annual allocations of local tax funding to maintain a sustainable capital project contingency commensurate with a capital financing plan that is over $2 billion dollars.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	11,900	23,428	14,537	4,500	2,500	2,500	2,500	49,965	10,000	71,865
Total Cost	**11,900**	**23,428**	**14,537**	**4,500**	**2,500**	**2,500**	**2,500**	**49,965**	**10,000**	**71,865**
Local Tax Funding	8,700	2,450	14,252	4,500	2,500	2,500	2,500	28,702	10,000	47,402
Local Tax Funding - Roads	-	-	285	-	-	-	-	285	-	285
Fund Balance	3,200	20,978	-	-	-	-	-	20,978	-	24,178
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**11,900**	**23,428**	**14,537**	**4,500**	**2,500**	**2,500**	**2,500**	**49,965**	**10,000**	**71,865**

Consolidated Shops and Warehouse Facility

Details

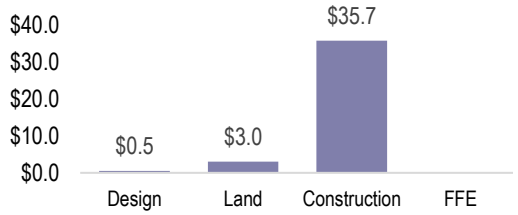
Project Number: C02071
Election District: Catoctin
Square Feet: 176,250
Location: 750 & 751 Miller Drive
Estimated Completion Year: FY 2022
Referendum: n/a

Background:

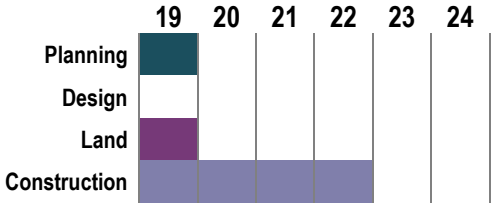
The Consolidated Shops and Warehouse Facility will provide storage and warehouse space for all County Government departments into a centralized facility, eliminating the use of leased warehouse, shop and storage space spread throughout the County. Based on the County's current Space Plan: The 751 Miller Drive facility will provide functional and secure warehousing space for Fire and Rescue Self-Contained Breathing (SCBA) Apparatus, Apparatus up-fitting, Candidate Physical Ability Test (CPAT) and provide space for the future wellness center and apparatus storage. The 750 Miller Drive facility will continue to serve, Voter Registration and other programing as well as swing space for county departments that undergo renovations.

Project appropriations include $24.5 million from a prior fiscal year to purchase existing facilities and $6.5 million to provide initial renovations of the space not occupied by leases from non-County tenants. An additional $4 million is planned in FY 2020 and $3.5 million in FY 2021 to renovate all remaining space vacated by current tenants as their leases within the facility expire.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	500	-	-	-	-	-	-	-	-	500
Land	3,000	-	-	-	-	-	-	-	-	3,000
Construction	27,700	-	4,000	3,500	-	-	-	7,500	-	35,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**31,200**	**-**	**4,000**	**3,500**	**-**	**-**	**-**	**7,500**	**-**	**38,700**
Local Tax Funding	10,200	-	-	-	-	-	-	-	-	10,200
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	21,000	-	4,000	3,500	-	-	-	7,500	-	28,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**31,200**	**-**	**4,000**	**3,500**	**-**	**-**	**-**	**7,500**	**-**	**38,700**

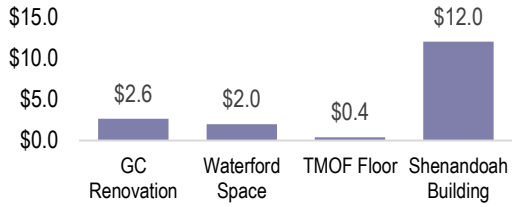
Operating Impact ($ in 1000s)		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
O&M	-	1,291	1,303	1,316	1,330	1,343	1,356	7,939
Debt Service	-	-	100	395	473	721	702	2,390
Total Impact		**1,291**	**1,403**	**1,711**	**1,802**	**2,064**	**2,058**	**10,329**

County Renovation Program

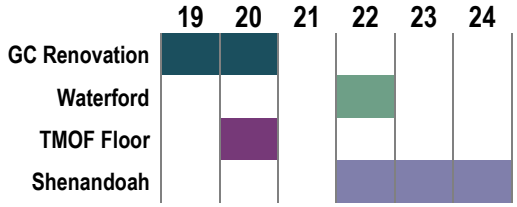
Details

Project Number: TBD
Election District: Countywide
Square Feet: Varies
Location: Multiple Locations
Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

In FY 2020 the County's ongoing renovation funding was moved from the Capital Asset Preservation Program (CAPP) Fund to an expanded Renovation Program in the CIP. This Program has both project-based renovations, which tend to be larger in scale and require longer-term planning, and smaller renovation projects resulting from changes in program/department requirements. Projects in the six-year planning period include:

Government Center: Renovations to the third floor related to the replacement of the LMIS system with completion expected in FY 2020.

Waterford Space: Renovation of 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 expected completion date is FY 2022.

Transit Maintenance Operations Facility (TMOF): Replacement of the floor for the bus dump and wash station floors with completion expected in FY 2020.

Shenandoah Office Building: Three-year phased renovations to each floor of the building with completion expected in FY 2024.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Government Center	-	2,638	-	-	-	-	-	2,638	-	2,638
Waterford	-	-	-	-	2,000	-	-	2,000	-	2,000
Transit Maintenance Operatio	-	-	400	-	-	-	-	400	-	400
Shenandoah Building	-	-	-	-	4,000	4,000	4,000	12,000	-	12,000
Renovation Fund	-	-	1,000	1,000	1,000	1,000	1,000	5,000	4,000	9,000
Total Cost	**-**	**2,638**	**1,400**	**1,000**	**7,000**	**5,000**	**5,000**	**22,038**	**4,000**	**26,038**
Local Tax Funding	-	-	1,400	1,000	5,000	5,000	5,000	17,400	4,000	21,400
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance										
Lease Revenue Financing	-	2,638	-	-	2,000	-	-	4,638	-	4,638
Proffers (Cash)										
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**2,638**	**1,400**	**1,000**	**7,000**	**5,000**	**5,000**	**22,038**	**4,000**	**26,038**

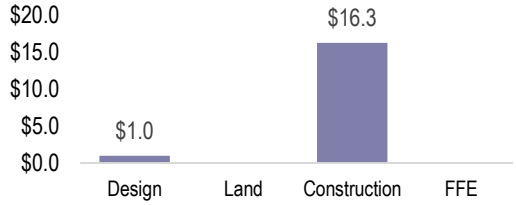
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	1,291	1,311	1,324	1,387	1,548	1,557	8,419
Total Impact	**1,291**	**1,311**	**1,324**	**1,387**	**1,548**	**1,557**	**8,419**

Eastern Service Center

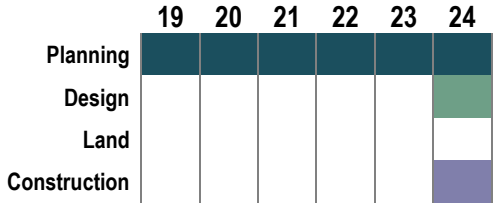
Details

Project Number: TBD
Election District: TBD
Square Feet: 60,000
Location: TBD
Estimated Completion Year: TBD
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

This project provides funding to acquire and renovate office space 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 and Human Services; and Mental Health, 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.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	17,250	17,250	-	17,250
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**17,250**	**17,250**	**-**	**17,250**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	17,250	17,250	-	17,250
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**17,250**	**17,250**	**-**	**17,250**

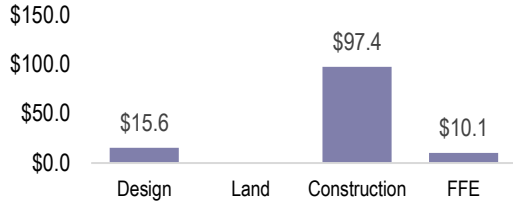
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	431	431
Total Impact	**-**	**-**	**-**	**-**	**-**	**431**	**431**

General Government Office Space – Phase I Sycolin Road

Details

Project Number: TBD
Planning Subarea: Leesburg
Election District: Catoctin
Square Feet: 150,000
Location: Government Support Center site on Sycolin Road
Estimated Completion Year: TBD
Referendum: N/A

Phase Costs in Millions



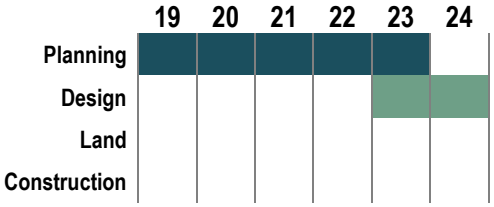
Background

Phase I of the project proposes to provide funding to design and construct a new County government office space at the Government Support Center site along Sycolin Road in the Leesburg Planning Subarea in FY 2023 and FY 2024.

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.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	15,565	-	15,565	-	15,565
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	97,380	97,380	-	97,380
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	10,128	10,128
Other	-	-	-	-	-	400	-	400	-	400
Total Cost	**-**	**-**	**-**	**-**	**-**	**15,965**	**97,380**	**113,345**	**10,128**	**123,473**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	15,965	97,380	113,345	10,128	123,473
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**15,965**	**97,380**	**113,345**	**10,128**	**123,473**

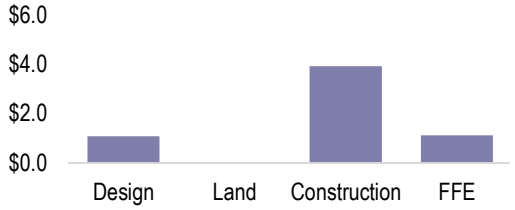
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	143	827	970
Total Impact	**-**	**-**	**-**	**-**	**143**	**827**	**970**

Landfill - Construction Demolition Debris Unit

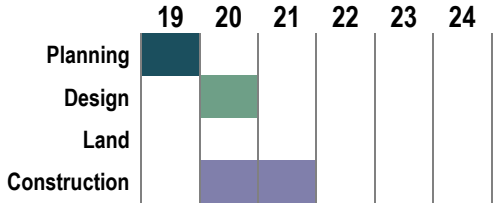
Details

Project Number: C02231
Election District: Catoctin
Acreage: approximately 9
Location: Loudoun County Landfill
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

This project funds the engineering, design, and permitting of the Construction Demolition Debris (CDD) Unit at the Loudoun County Solid Waste Management Facility. This project also includes preparation of bidding documents and construction of the first 8-acre CDD-only Cell Area 1 (Cell A1) of an approximate total 48-acre CDD Unit area. The CDD Unit is intended to divert CDD waste from the municipal solid waste disposal unit, thus extending the life of the landfill and providing continued long-term support for County growth.

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 operations resources are required for the CDD Unit permitting and Cell Area 1 construction project.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,080	-	-	-	-	-	1,080	-	1,080
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	3,920	-	-	-	-	-	3,920	-	3,920
Furniture, Fixtures & Equip	-	100	1,080	-	-	-	-	1,180	-	1,180
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**5,100**	**1,080**	**-**	**-**	**-**	**-**	**6,180**	**-**	**6,180**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	5,100	1,080	-	-	-	-	6,180	-	6,180
Total Financing	**-**	**5,100**	**1,080**	**-**	**-**	**-**	**-**	**6,180**	**-**	**6,180**

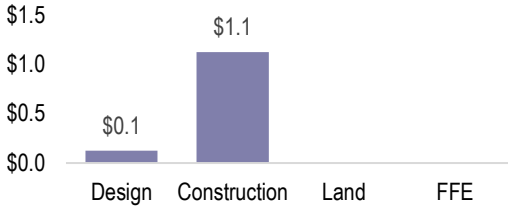
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	2.00	-	-	-	-	2.00
Personnel	-	141	145	149	154	159	748
O&M	-	8	8	8	8	8	39
Capital Outlay	-	35	-	-	-	-	35
Revenues	-	(184)	(153)	(157)	(162)	(167)	(822)
Total Impact	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Landfill – Leachate System

Details

Project Number: TBD
Election District: Catoctin
Square Feet: n/a
Location: Loudoun County Landfill
Estimated Completion Year: FY 2021
Referendum: n/a

Phase Costs in Millions

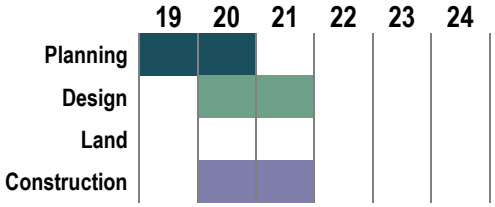


Background

This project funds the engineering, design, permitting, and construction of an upgraded replacement of the existing leachate system at the Loudoun County Solid Waste Management Facility. The existing system has reached its capacity and is nearing the end of its service life and must be replaced in order to comply with regulations and manage increased leachate volumes from a growing facility.

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 operations resources are required.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	125	-	-	-	-	125	-	125
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	1,125	-	-	-	-	1,125	-	1,125
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**1,250**	**-**	**-**	**-**	**-**	**1,250**	**-**	**1,250**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	1,250	-	-	-	-	1,250	-	1,250
Total Financing	**-**	**-**	**1,250**	**-**	**-**	**-**	**-**	**1,250**	**-**	**1,250**

Landfill Sequence 1A Cap

Details

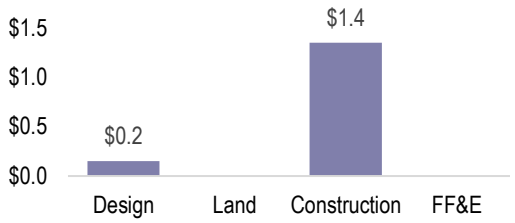
Project Number: TBD
Election District: Catoctin
Acreage: approximately 20
Location: Loudoun County Landfill
Estimated Completion Year: FY 2022
Referendum: n/a

Background

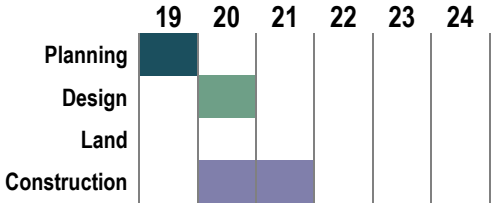
This project consists of design and construction of erosion and sediment controls, fine grading, and installation of a temporary synthetic cap over Cell 1A of the landfill once it is filled to capacity, per approved permit conditions.

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.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	150	-	-	-	-	150	-	150
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	1,350	-	-	-	-	1,350	-	1,350
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**1,500**	**-**	**-**	**-**	**-**	**1,500**	**-**	**1,500**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	1,500	-	-	-	-	1,500	-	1,500
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**1,500**	**-**	**-**	**-**	**-**	**1,500**	**-**	**1,500**

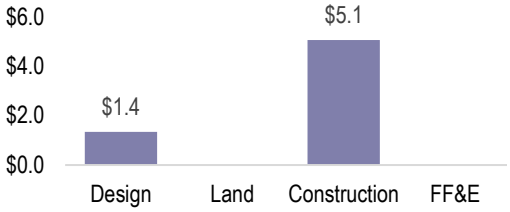
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	38	148	144	141	137	608
Total Impact	**-**	**38**	**148**	**144**	**141**	**137**	**608**

Landfill Sequence V Closure

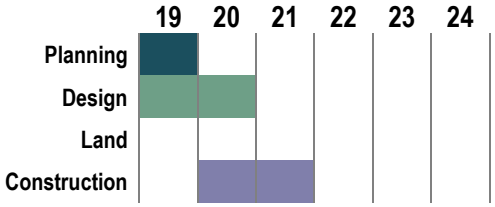
Details

Project Number: C02228
Election District: Catoctin
Acreage: approximately 10
Location: Loudoun County Landfill
Estimated Completion Year: TBD
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

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.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,350	-	-	-	-	-	1,350	-	1,350
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	5,060	-	-	-	-	5,060	-	5,060
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,350**	**5,060**	**-**	**-**	**-**	**-**	**6,410**	**-**	**6,410**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	1,350	5,060	-	-	-	-	6,410	-	6,410
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,350**	**5,060**	**-**	**-**	**-**	**-**	**6,410**	**-**	**6,410**

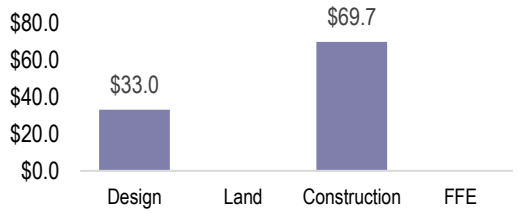
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	34	262	629	618	597	2,140
Total Impact	**-**	**34**	**262**	**629**	**618**	**597**	**2,140**

Storm Water Management

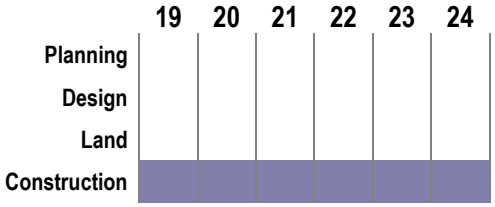
Details

Project Number: C00003
Election District: Countywide
Square Feet: n/a
Location: Countywide
Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

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

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

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

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	33,025	-	-	-	-	-	-	-	-	33,025
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	69,744
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**33,025**	**5,860**	**6,150**	**6,460**	**6,780**	**7,119**	**7,475**	**39,844**	**29,900**	**102,769**
Local Tax Funding	32,525	5,860	6,150	6,460	6,780	7,119	7,475	39,844	29,900	102,269
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	500	-	-	-	-	-	-	-	-	500
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**33,025**	**5,860**	**6,150**	**6,460**	**6,780**	**7,119**	**7,475**	**39,844**	**29,900**	**102,769**

Town of Hillsboro – Old Stone School/Town Hall

Details

Project Number: C02175
Election District: Blue Ridge
Square Feet: 8,000
Location: 37098 Charles Town Pike, Purcellville, VA 20132
Estimated Completion Year: TBD
Referendum: n/a

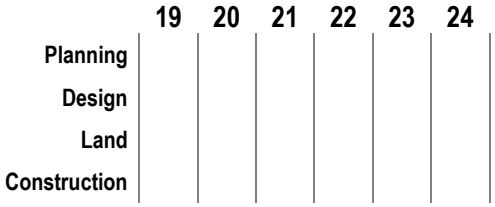
Background

Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Hillsboro.

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 to preserve the building and generate revenue from daily rentals and special events. Prior year County funding helped to install a heating and cooling system to the second floor, and make additional roof repairs. FY 2020 funding is intended to help repair water damage, repointing exterior brick, expand the capacity of the restrooms, redesign the kitchen, and for interior upgrades.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	80	243	184	-	-	-	-	427	-	507
Total Cost	**80**	**243**	**184**	**-**	**-**	**-**	**-**	**427**	**-**	**507**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	80	243	184	-	-	-	-	427	-	507
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**80**	**243**	**184**	**-**	**-**	**-**	**-**	**427**	**-**	**507**

Town of Purcellville – Bush Tabernacle & Fireman's Field

Details

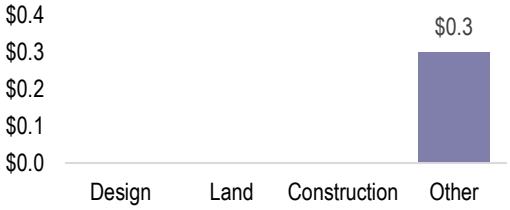
Project Number: TBD
Election District: Blue Ridge
Square Feet: 8,500 (total building)
Location: 250 S. Nursery Ave., Purcellville, VA 20132
Completion Fiscal Year: 2021
Referendum: n/a

Background

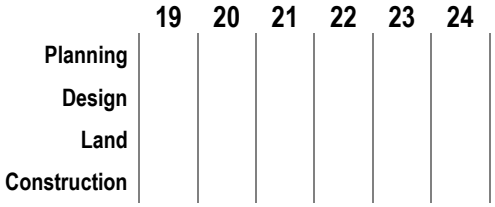
Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Purcellville.

This project provides for the replacement of the hardwood floor of the skating rink, minor structural repairs of the subbase, and a renovation of the public restroom facilities at both sites.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	300	-	-	-	300	-	300
Total Cost	**-**	**-**	**-**	**300**	**-**	**-**	**-**	**300**	**-**	**300**
Local Tax Funding	-	-	-	300	-	-	-	300	-	300
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**300**	**-**	**-**	**-**	**300**	**-**	**300**

Water/Wastewater Fund

Details

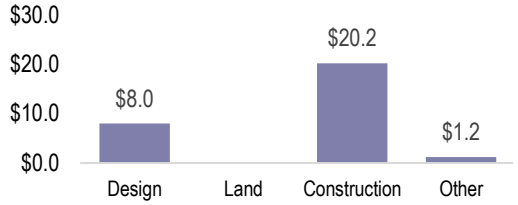
Project Number: C02091
Election District: Countywide
Square Feet: n/a
Location: Countywide
Completion Year: Ongoing
Referendum: n/a

Background

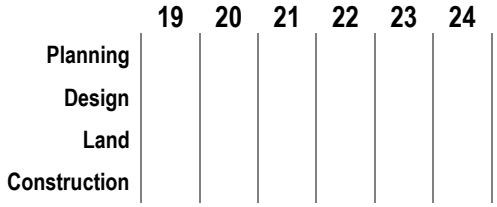
In 2015, the Board of Supervisors approved the Water and Wastewater Projects Funding Policy which established the Water/Wastewater Fund (Fund). The Fund supports communities experiencing issues with inadequate water and/or wastewater systems by funding feasibility studies, designs, construction costs,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

In FY 2017, the Fund supported the Town of Hillsboro with a wastewater feasibility study. In FY 2018, the Fund supported the Howardsville community wastewater project and funded a feasibility study for the Village of Paeonian Springs. In FY 2019 the Fund supported a feasibility study for the Marches subdivision. For FY 2020 additional support from the Fund for these communities will be determined through an established eligibility process. No operating expenses will be incurred during the six-year CIP planning period.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	3,450	2,250	2,300	-	-	-	-	4,550	-	8,000
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	2,350	2,400	2,450	2,500	9,700	10,500	20,200
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	1,200	-	-	-	-	-	-	-	-	1,200
Total Cost	**4,650**	**2,250**	**2,300**	**2,350**	**2,400**	**2,450**	**2,500**	**14,250**	**10,500**	**29,400**
Local Tax Funding	4,650	2,250	2,300	2,350	2,400	2,450	2,500	14,250	10,500	29,400
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Landfill Fees	-	-	-	-	-	-	-	-	-	-
Total Financing	**4,650**	**2,250**	**2,300**	**2,350**	**2,400**	**2,450**	**2,500**	**14,250**	**10,500**	**29,400**

Capital Improvement Program
Health and Welfare

Capital Improvement Program by Functional Area
Schedule of Appropriations
Health and Welfare

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Adolescent Independent Living Residence	-	-	-	-	-	-	-	-	6,646	6,646
DS Group Residence - Eastern Loudoun	-	-	-	3,055	-	-	-	3,055	-	3,055
Total Cost	**-**	**-**	**-**	**3,055**	**-**	**-**	**-**	**3,055**	**6,646**	**9,701**
Funding Source										
Lease Revenue Financing	-	-	-	3,055	-	-	-	3,055	6,646	9,701
Total Financing	**-**	**-**	**-**	**3,055**	**-**	**-**	**-**	**3,055**	**6,646**	**9,701**

Adolescent Independent Living Residence

Details

Project Number: n/a
Election District: Catoctin
Square Feet: 9,000
Location: Government Support Center off Sycolin Road
Estimated Completion Year: FY 2028
Referendum: n/a

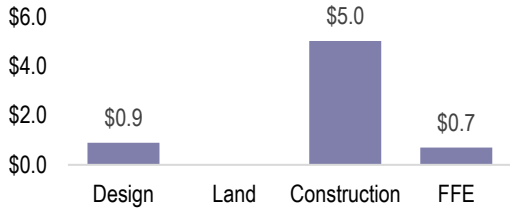
Background

This project will contain a 12-bed capacity to serve youth, ages 16 to 21, who have no realistic expectation of returning to their home.

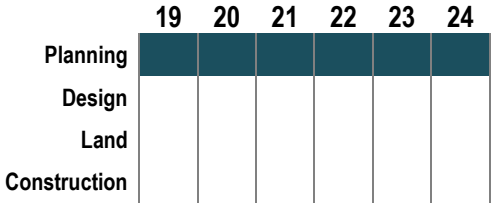
Future programming will place an emphasis on preparing youth for living independently within the community. The future program will address key areas such as: housing, vocational/educational services, independent living skills, and/or community networking. Youth participating in this program will be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

The facility will be operated by the Department of Family Services.

Phase Costs in Millions



Project Phase Timeline by FY



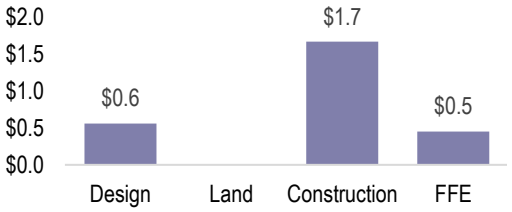
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	944	944
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	5,018	5,018
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	684	684
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6,646**	**6,646**
Lease Revenue Financing	-	-	-	-	-	-	-	-	6,646	6,646
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6,646**	**6,646**

Developmental Services Group Residence – Eastern Loudoun

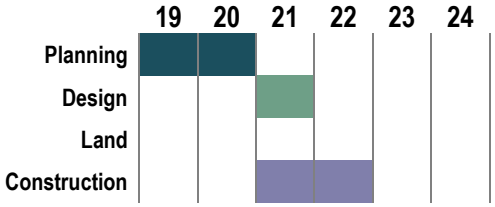
Details

Project Number: C02201
Election District: TBD
Square Feet: 3,400
Location: Eastern Loudoun
Estimated Completion Year: FY 2022
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

This project involves the design and construction of a single level 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 in 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.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	560	-	-	-	560	-	560
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,665	-	-	-	1,665	-	1,665
Furniture, Fixtures & Equip	-	-	-	450	-	-	-	450	-	450
Other	-	-	-	380	-	-	-	380	-	380
Total Cost	**-**	**-**	**-**	**3,055**	**-**	**-**	**-**	**3,055**	**-**	**3,055**
Lease Revenue Financing	-	-	-	3,055	-	-	-	3,055	-	3,055
Total Financing	**-**	**-**	**-**	**3,055**	**-**	**-**	**-**	**3,055**	**-**	**3,055**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	0.33	-	-	0.33
Personnel	-	-	-	25	26	26	77
O & M	-	-	-	21	21	21	63
Debt Service	-	-	76	333	324	315	1,048
Total Impact	**-**	**-**	**76**	**379**	**370**	**362**	**1,188**

Capital Improvement Program
Parks, Recreation and Culture

Capital Improvement Program by Functional Area
Schedule of Appropriations
Parks, Recreation, and Culture

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Ashburn Recreation and Community Center	70,930	-	-	15,460	-	-	-	15,460	-	86,390
Ashburn Senior Center	8,285	1,200	-	-	-	-	-	1,200	-	9,485
Bolen Park Phase II	500	-	700	7,025	-	-	-	7,725	-	8,225
Brambleton Library	-	680	9,839	-	-	-	-	10,519	-	10,519
Brambleton West Bleachers	-	-	125	1,500	-	-	-	1,625	-	1,625
Broad Run Stream Valley Linear Park	-	-	-	-	-	-	1,000	1,000	23,850	24,850
Children's Science Center	-	-	-	15,000	-	-	-	15,000	-	15,000
Dulles Adult Day Center	-	-	-	-	-	-	-	-	10,345	10,345
Dulles South Neighborhood Park	-	-	-	-	-	-	1,200	1,200	8,323	9,523
Fields Farm Park	1,860	-	-	3,730	25,835	-	-	29,565	-	31,425
Franklin Park to Purcellville Trail	520	-	-	-	5,390	-	-	5,390	-	5,910
Goose Creek Stream Valley Linear Park	-	-	-	-	-	-	-	-	8,425	8,425
Hal & Berni Hanson Regional Park	76,365	14,800	-	-	-	-	-	14,800	-	91,165
Loudoun State Park	-	2,916	-	-	-	-	-	2,916	-	2,916
Lovettsville District Park - Phase II	-	-	-	5,060	-	-	-	5,060	-	5,060
Potomac Sportsplex - Field Conversions	-	1,451	-	2,575	-	-	-	4,026	-	4,026
Scott Jenkins - Phase III	-	-	-	2,635	-	-	-	2,635	-	2,635
STEM Library	-	-	-	-	-	-	4,430	4,430	51,051	55,481
Sterling Neighborhood Park with Pool	-	-	-	-	-	-	-	-	14,965	14,965
Teen Center	-	-	-	-	-	-	-	-	16,885	16,885
Town of Hamilton: Hamilton Community Park	-	50	-	-	-	-	-	50	-	50
Town of Leesburg - Veteran's Park	-	-	-	4,000	-	-	-	4,000	-	4,000
Town of Round Hill - Sleeter Lake Park	238	185	-	-	-	-	-	185	-	423
Western Loudoun Recreation Center	-	-	-	-	-	-	-	-	103,575	103,575
Total Cost	**158,699**	**21,282**	**10,664**	**56,985**	**31,225**	**-**	**6,630**	**126,786**	**237,419**	**522,904**
Funding Source										
Local Tax Funding	1,110	2,966	825	10,565	390	-	-	14,746	445	16,301
Fund Balance	1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	72,865	-	-	15,960	30,835	-	6,630	53,425	236,974	363,264
Lease Revenue Financing	-	-	-	27,140	-	-	-	27,140	-	27,140
Proffers (Cash)	77,864	18,316	9,839	3,320	-	-	-	31,475	-	109,339
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Total Financing	**158,699**	**21,282**	**10,664**	**56,985**	**31,225**	**-**	**6,630**	**126,786**	**237,419**	**522,904**

Ashburn Recreation and Community Center

Details

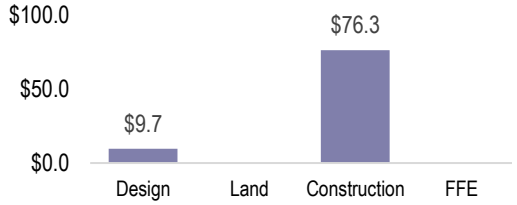
Project Number: C02142
Election District: Ashburn
Square Feet: 125,000
Location: Broadlands Boulevard
Estimated Completion Year: FY 2023
Referendum: n/a

Background

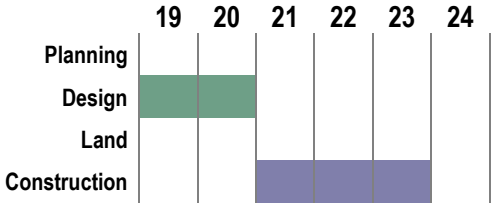
This project provides funding to develop a recreation and community center on a parcel along Broadlands Blvd. The facility was initially planned for construction on an approximately 18-acre proffered site off of Belmont Ridge Road in the Ashburn Planning Subarea. Site conditions at this site led the County to pursue an exchange of parcels with Van Metre, which resulted in the acquisition of a new site along Broadlands Blvd.

The project combines recreation and community center program space 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, two wet classrooms, and associated locker rooms.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	9,680	-	-	-	-	-	-	-	-	9,680
Land	-	-	-	-	-	-	-	-	-	-
Construction	61,250	-	-	15,000	-	-	-	15,000	-	76,250
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	460	-	-	-	460	-	460
Total Cost	**70,930**	**-**	**-**	**15,460**	**-**	**-**	**-**	**15,460**	**-**	**86,390**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	44,270	-	-	-	-	-	-	-	-	44,270
Lease Revenue Financing	-	-	-	12,140	-	-	-	12,140	-	12,140
Proffers (Cash)	26,660	-	-	3,320	-	-	-	3,320	-	29,980
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**70,930**	**-**	**-**	**15,460**	**-**	**-**	**-**	**15,460**	**-**	**86,390**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	2.50	76.34	-	78.84
Personnel	-	-	-	93	4,272	4,400	8,765
O & M	-	-	-	-	1,875	1,894	3,768
Debt Service	-	-	-	-	1,840	3,323	5,163
Revenues	-	-	-	-	(3,226)	(3,258)	(6,484)
Total Impact	**-**	**-**	**-**	**93**	**4,761**	**6,358**	**11,212**

Ashburn Senior Center

Details

Project Number: C02105
Election District: Broad Run
Square Feet: 16,000
Location: Marblehead Drive at Granite Run Terrace
Estimated Completion Year: FY 2021
Referendum: n/a

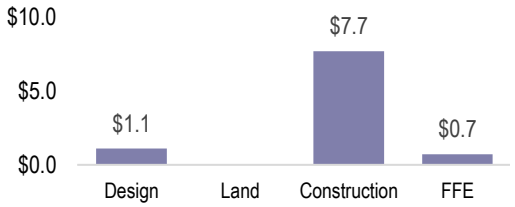
Background

This project provides funding to construct a senior center on a five-acre proffered site in the Ashburn Planning Subarea. The site was dedicated to the County by the developer of the Regency at Ashburn (ZMAP-2005-0023).

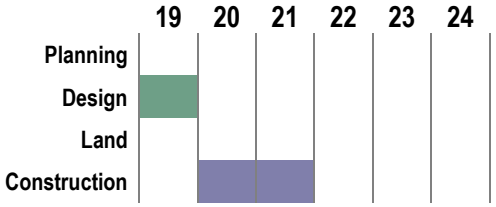
The Senior Center would provide administrative and program space for staff, older adults age 55 and above, and volunteers at the center. The facility would provide a small gymnasium, large multi-purpose room with an adjoining commercial kitchen, exercise/fitness room, classrooms, a game room, pickleball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

Funding in FY 2019 was appropriated for additional site improvement costs associated with this proffered site.

Phase Costs in Millions



Project Phase Timeline by FY



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

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	12.00	-	-	-	12.00
Personnel	-	-	741	763	786	810	3,100
O & M	-	-	229	232	234	236	932
Revenues	-	-	(109)	(110)	(111)	(112)	(443)
Total Impact	**-**	**-**	**861**	**885**	**909**	**934**	**3,589**

Brambleton Library

Details

Project Number: C02220
Election District: Blue Ridge
Square Feet: 40,000
Location: Brambleton Town Center
Estimated Completion Year: FY 2019
Referendum: n/a

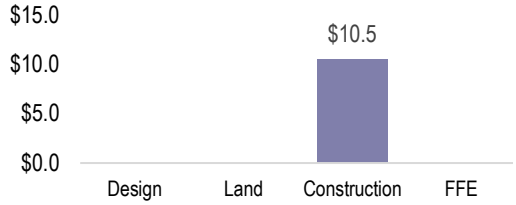
Background

This project provides for payments from the County to the developer of Brambleton for cost associated with the design, construction and furnishing of a public library in the Brambleton community.

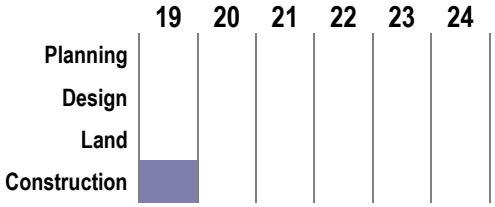
The Board of Supervisors approved an agreement to accelerate the construction of the library. The developer of Brambleton, in consultation with the County, designed, built and furnished the Library, which opened in December 2018. The County will provide Brambleton with an annual lease payment in FY 2019, and the County will make a final development fee payment to have the library conveyed to the County in FY 2020.

The Brambleton Library has dedicated areas for adults, children and teens, with ample reading, research, and studying space. 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 "makerspace" that includes innovative technology and programs to foster creativity and inventiveness for residents of all ages.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	680	9,839	-	-	-	-	10,519	-	10,519
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**680**	**9,839**	**-**	**-**	**-**	**-**	**10,519**	**-**	**10,519**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	680	9,839	-	-	-	-	10,519	-	10,519
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**680**	**9,839**	**-**	**-**	**-**	**-**	**10,519**	**-**	**10,519**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Personnel	2,491	2,530	2,606	2,684	2,765	2,848	15,923
O & M	819	827	836	844	853	861	5,040
Debt Service	-	145	572	557	543	528	2,345
Total Impact	**3,310**	**3,502**	**4,013**	**4,085**	**4,160**	**4,237**	**23,308**

Brambleton West Park Improvements

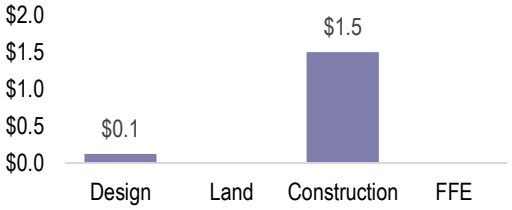
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: n/a
Location: Brambleton West District Park
Estimated Completion Year: FY 2021
Referendum: n/a

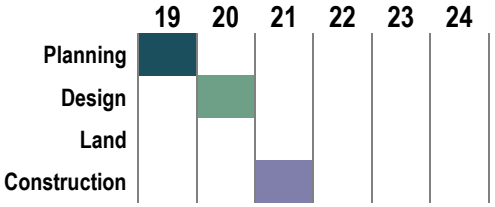
Background

This project provides funding for the design and construction of a press box and stadium seating for a field at the Brambleton West Park. The seating upgrade would provide a high-level, tournament-grade field that does not currently exist within the County.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	125	-	-	-	-	125	-	125
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,500	-	-	-	1,500	-	1,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**125**	**1,500**	**-**	**-**	**-**	**1,625**	**-**	**1,625**
Local Tax Funding	-	-	125	1,500	-	-	-	1,625	-	1,625
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**125**	**1,500**	**-**	**-**	**-**	**1,625**	**-**	**1,625**

Broad Run Stream Valley Linear Park

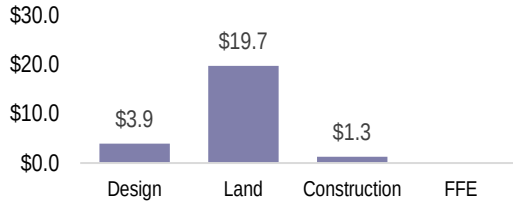
Details

Project Number: n/a
Election District: TBD
Square Feet: n/a
Location: Adjacent to the Broad Run Stream
Estimated Completion Year: FY 2034
Referendum: n/a

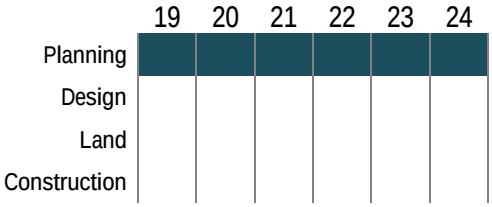
Background

This project includes land acquisition, design, and construction costs for various sections of the Broad Run Stream Valley Park and Trail between the Potomac River and the Hal and Berni Hanson Memorial Regional Park.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	1,000	1,000	2,900	3,900
Land	-	-	-	-	-	-	-	-	19,659	19,659
Construction	-	-	-	-	-	-	-	-	1,291	1,291
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,000	1,000	23,850	24,850
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,000	1,000	23,850	24,850
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,000	1,000	23,850	24,850

Children's Science Center

Details

Project Number: n/a
Election District: Broad Run
Square Feet: TBD
Location: Kincora development
Estimated Completion Year: FY 2023
Referendum: N/A

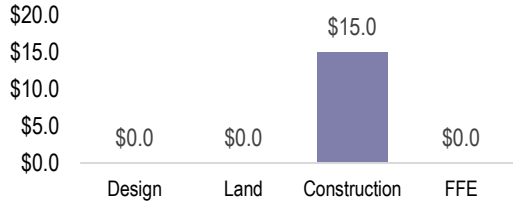
Background

This project includes contributory funding for a regional science center through a partnership between the Science Museum of Virginia, the state's flagship institution for informal STEM learning, and the Children's Science Center (CSC), a regional 501(c)3 non-profit organization.

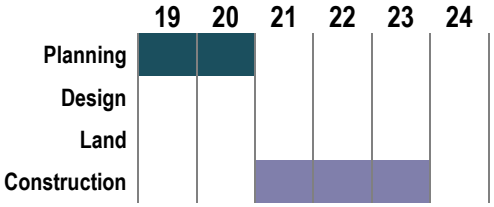
The proposed Science Center will be a modern, innovative, and purpose-built facility expected to attract more than 300,000 visitors annually. In addition, with its emphasis on the sciences generally, and STEM education specifically, the Science Center will also serve to enhance and promote Northern Virginia's growing reputation as the tech capital of the east coast. The regional science center is expected to be located on Route 28 on proffered land located in the Kincora development.

The overall funding formula for the museum includes $45 million from the Commonwealth for construction of the facility, $15 million from the County for the fixed exhibits within the museum and $15 million of private fundraising from the CSC for other exhibits, operating and an endowment. The actual payout of the County's contribution is contingent on the successful execution of a Memorandum of Understanding between the County and the party responsible for the expenditure of funds.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	15,000	-	-	-	15,000	-	15,000
Total Cost	**-**	**-**	**-**	**15,000**	**-**	**-**	**-**	**15,000**	**-**	**15,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	15,000	-	-	-	15,000	-	15,000
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**15,000**	**-**	**-**	**-**	**15,000**	**-**	**15,000**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-		200	995	1,470	2,665
Total Impact	**-**	**-**	**-**	**200**	**995**	**1,470**	**2,665**

Dulles Adult Day Center

Details

Project Number: n/a
Election District: Dulles
Square Feet: 7,000
Location: TBD
Estimated Completion Year: FY 2030
Referendum: n/a

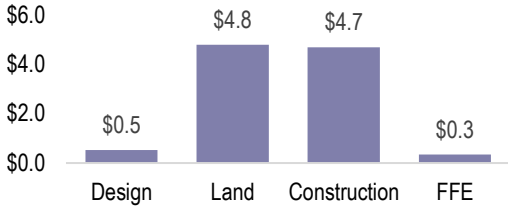
Background

This project will provide funding for an adult day center within the Dulles area.

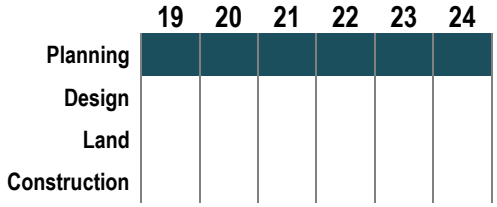
This facility provides a safe and engaging environment through professionally designed programs that meet the specific needs of each participant. Services include: physical activities and exercise, medication administration, nutritious meals, health monitoring, mentally stimulating activities, assistance with personal care needs, and some transportation.

Facility amenities include: a kitchen, dining room, quiet room, restrooms, small and large activity rooms, a clinic, staff offices, storage, screened porch, and an enclosed courtyard.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	527	527
Land	-	-	-	-	-	-	-	-	4,684	4,684
Construction	-	-	-	-	-	-	-	-	4,792	4,792
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	342	342
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10,345**	**10,345**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	10,345	10,345
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10,345**	**10,345**

Dulles South Neighborhood Park

Details

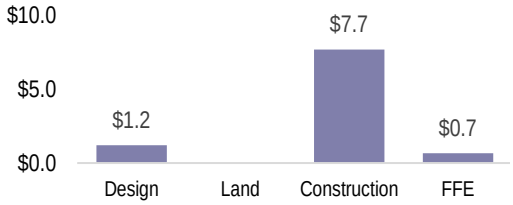
Project Number: n/a
Election District: Dulles
Square Feet: n/a
Location: Co-located with HS-9
Estimated Completion Year: FY 2030
Referendum: n/a

Background

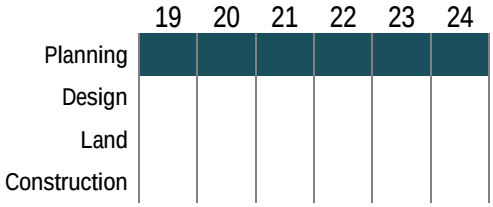
This project provides funding for a neighborhood park in the Dulles South area.

The Park will include passive and/or active (programmed or un-programmed) recreation. Passive areas may include playgrounds, picnic areas, trails, wooded areas, and streams. Active areas may include a baseball/softball starplex (four fields) or three large rectangle fields. In addition, the Park will include field lighting, fencing, site utilities, parking, and site access from the public road. It will also include landscaping, public restrooms, concessions, groundwater wells, irrigation, playground, storage, picnic pavilions, bleachers, and signage.

Phase Costs in Millions



Project Phase Timeline by FY



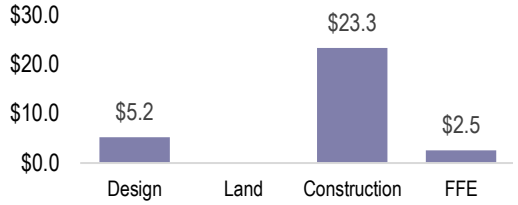
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	1,200	1,200	-	1,200
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	7,665	7,665
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	658	658
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	-	-	-	-	1,200	1,200	8,323	9,523
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,200	1,200	8,323	9,523
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	-	-	-	-	1,200	1,200	8,323	9,523

Fields Farm Park

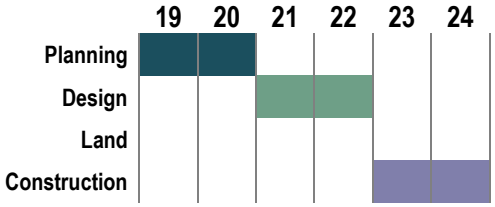
Details

Project Number: C00098
Election District: Blue Ridge
Square Feet: n/a
Location: Route 7 and Hillsboro Road (Route 690)
Estimated Completion Year: FY 2025
Referendum: November 2019

Phase Costs in Millions



Project Phase Timeline by FY



Background

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

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

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	1,860	-	-	3,350	-	-	-	3,350	-	5,210
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	23,290	-	-	23,290	-	23,290
Furniture, Fixtures & Equip	-	-	-	-	2,545	-	-	2,545	-	2,545
Other	-	-	-	380	-	-	-	380	-	380
Total Cost	**1,860**	**-**	**-**	**3,730**	**25,835**	**-**	**-**	**29,565**	**-**	**31,425**
Local Tax Funding	-	-	-	380	-	-	-	380	-	380
Fund Balance	1,860	-	-	-	-	-	-	-	-	1,860
General Obligation Bonds	-	-	-	3,350	25,835	-	-	29,185	-	29,185
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**1,860**	**-**	**-**	**3,730**	**25,835**	**-**	**-**	**29,565**	**-**	**31,425**

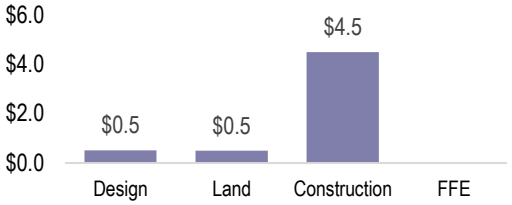
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	200	695	1,178	2,073
Total Impact	**-**	**-**	**-**	**200**	**695**	**1,178**	**2,073**

Franklin Park to Purcellville Trail

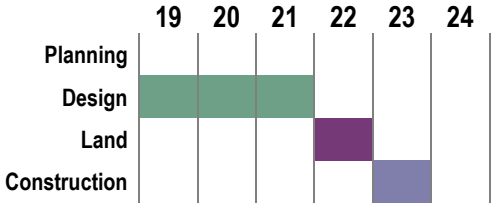
Details

Project Number: C02036
Election District: Blue Ridge
Square Feet: n/a
Location: Route TBD
Estimated Completion Year: FY 2024
Referendum: November 2020

Phase Costs in Millions



Project Phase Timeline by FY



Background

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

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

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

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	520	-	-	-	-	-	-	-	-	520
Land	-	-	-	-	500	-	-	500	-	500
Construction	-	-	-	-	4,500	-	-	4,500	-	4,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	390	-	-	390	-	390
Total Cost	**520**	**-**	**-**	**-**	**5,390**	**-**	**-**	**5,390**	**-**	**5,910**
Local Tax Funding	520	-	-	-	390	-	-	390	-	910
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,000	-	-	5,000	-	5,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**520**	**-**	**-**	**-**	**5,390**	**-**	**-**	**5,390**	**-**	**5,910**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	128	497	624
Total Impact	**-**	**-**	**-**	**-**	**128**	**497**	**624**

Goose Creek Stream Valley Linear Park

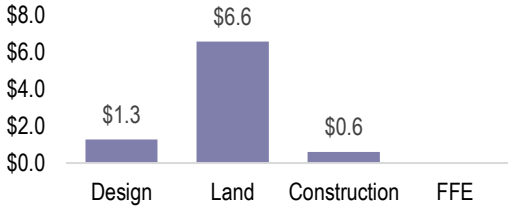
Details

Project Number: n/a
Election District: TBD
Square Feet: n/a
Location: Adjacent to the Goose Creek Stream
Estimated Completion Year: FY 2034
Referendum: n/a

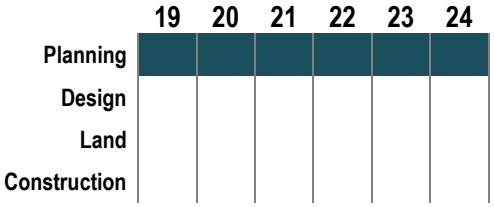
Background

This project includes land acquisition, design, and construction costs for various sections of the Goose Creek Stream Valley Park and Trail between the Potomac River and Route 15.

Phase Costs in Millions



Project Phase Timeline by FY



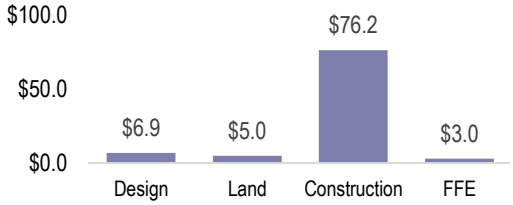
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	1,265	1,265
Land	-	-	-	-	-	-	-	-	6,560	6,560
Construction	-	-	-	-	-	-	-	-	600	600
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8,425**	**8,425**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	8,425	8,425
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8,425**	**8,425**

Hal and Berni Hanson Regional Park

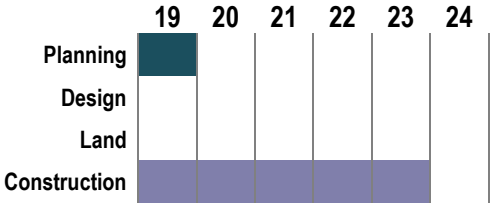
Details

Project Number: C00089
Election District: Blue Ridge and Dulles
Square Feet: n/a
Location: Evergreen Mills Road
Estimated Completion Year: FY 2023
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

This project funds the development of the Hal and Berni Hanson Regional Park. In addition to the renovation of the Hanson House, funding includes the construction of active and passive recreational amenities, including up to 17 athletic fields, recreational trails, park offices, a nature center, activity lodge, and picnic pavilions. It also includes maintenance shops, a sprayground, tennis courts, a skate park, playgrounds, a championship plaza, restroom concession facilities, parking and associated infrastructure.

The Loudoun County Board of Supervisors approved the acquisition of the 257-acre parcel from the Hanson Family Partnership for a Regional Park in fall 2008. The acquisition was the culmination of negotiations with the Hanson family, Dominion Power, and the National Park Service as part of a United States Department of the 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.

Funding in FY 2019 was appropriated for additional site costs associated with this proffered site.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	6,940	-	-	-	-	-	-	-	-	6,940
Land	5,000	-	-	-	-	-	-	-	-	5,000
Construction	61,425	14,800	-	-	-	-	-	14,800	-	76,225
Furniture, Fixtures & Equip	3,000	-	-	-	-	-	-	-	-	3,000
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**76,365**	**14,800**	**-**	**-**	**-**	**-**	**-**	**14,800**	**-**	**91,165**
Local Tax Funding	90	-	-	-	-	-	-	-	-	90
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	28,595	-	-	-	-	-	-	-	-	28,595
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	42,680	14,800	-	-	-	-	-	14,800	-	57,480
Proceeds from Land Sale	5,000	-	-	-	-	-	-	-	-	5,000
Total Financing	**76,365**	**14,800**	**-**	**-**	**-**	**-**	**-**	**14,800**	**-**	**91,165**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	2.00	18.62	-	20.62
Personnel	-	-	-	161	1,167	1,202	2,531
O & M	-	-	-	778	1,258	1,271	3,307
Debt Service	-	-	-	1,362	2,468	3,156	6,986
Revenues	-	-	-	(150)	(152)	(153)	(455)
Total Impact	**-**	**-**	**-**	**2,151**	**4,742**	**5,477**	**12,370**

Loudoun State Park

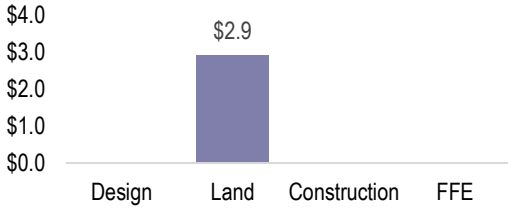
Details

Project Number: C02194
Election District: Catoctin
Square Feet: n/a
Location: Blue Ridge Environmental Stewardship Center
Estimated Completion Year: FY 2019
Referendum: n/a

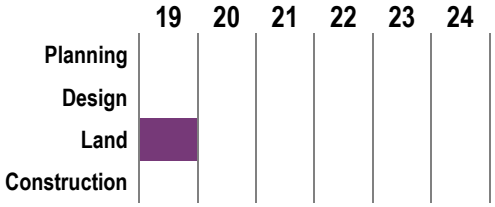
Background

This project provides funding for the purchase of a 281-acre parcel off of Harper's Ferry Road near Neersville. The purchased property includes the trails and park facilities of the Blue Ridge Center for Environmental Stewardship. The newly acquired property joins 604 acres previously donated to the State by the Leggett Foundation.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	2,916	-	-	-	-	-	2,916	-	2,916
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**2,916**	**-**	**-**	**-**	**-**	**-**	**2,916**	**-**	**2,916**
Local Tax Funding	-	2,916	-	-	-	-	-	2,916	-	2,916
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**2,916**	**-**	**-**	**-**	**-**	**-**	**2,916**	**-**	**2,916**

Lovettsville District Park – Phase II

Details

Project Number: C00246
Election District: Catoctin
Square Feet: n/a
Location: Broad Way and Milltown Road
Estimated Completion Year: FY 2022
Referendum: November 2004, 2013, and 2019

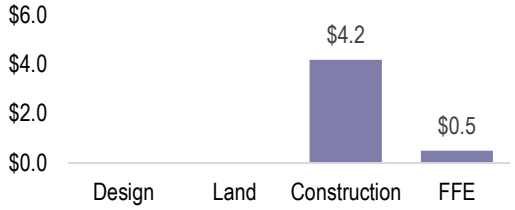
Background

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.

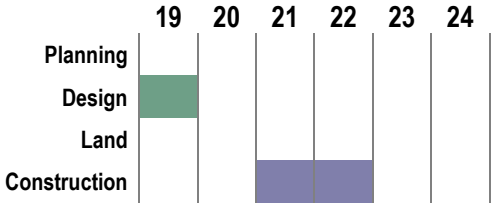
The Park will include up to seven athletic fields – four diamond fields and three rectangular fields. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, and access from a public road. It will also include landscaping, public restrooms, concessions, an equestrian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

In FY 2021, funding is proposed to complete the remaining three to four athletic fields, athletic field lighting, parking, equestrian area, and maintenance facility which were not built in Phase I of the project.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,180	-	-	-	4,180	-	4,180
Furniture, Fixtures & Equip	-	-	-	500	-	-	-	500	-	500
Other	-	-	-	380	-	-	-	380	-	380
Total Cost	**-**	**-**	**-**	**5,060**	**-**	**-**	**-**	**5,060**	**-**	**5,060**
Local Tax Funding	-	-	-	380	-	-	-	380	-	380
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	4,680	-	-	-	4,680	-	4,680
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**5,060**	**-**	**-**	**-**	**5,060**	**-**	**5,060**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	9.84	-	-	9.84
Personnel	-	-	-	544	560	577	1,681
O & M	-	-	-	105	106	107	318
Debt Service	-	-	-	500	752	731	1,983
Total Impact	**-**	**-**	**-**	**1,149**	**1,418**	**1,415**	**3,982**

Philip A. Bolen Memorial Park – Phase II

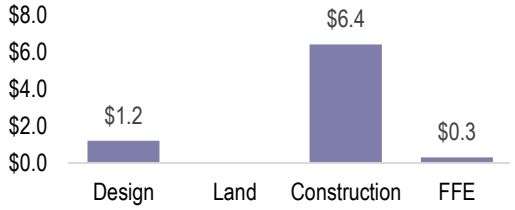
Details

Project Number: C02152
Election District: Catoctin
Square Feet: n/a
Location: Sycolin Road
Estimated Completion Year: FY 2024
Referendum: November 2019

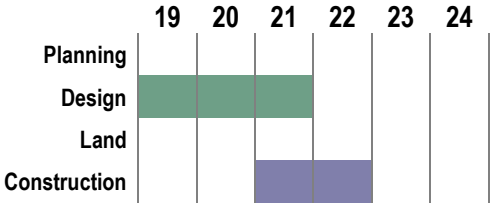
Background

This project provides for funding to construct four permanent restroom and concession facilities. 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, requiring permanent restroom and concession facilities. The Town of Leesburg developed a pump station in the vicinity of the Park that provides access to public water and sewer.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	500	-	700	-	-	-	-	700	-	1,200
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	6,415	-	-	-	6,415	-	6,415
Furniture, Fixtures & Equip	-	-	-	310	-	-	-	310	-	310
Other	-	-	-	300	-	-	-	300	-	300
Total Cost	**500**	**-**	**700**	**7,025**	**-**	**-**	**-**	**7,725**	**-**	**8,225**
Local Tax Funding	500	-	700	850	-	-	-	1,550	-	2,050
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	6,175	-	-	-	6,175	-	6,175
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**500**	**-**	**700**	**7,025**	**-**	**-**	**-**	**7,725**	**-**	**8,225**

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

Potomac Lakes Sportsplex – Field Improvements

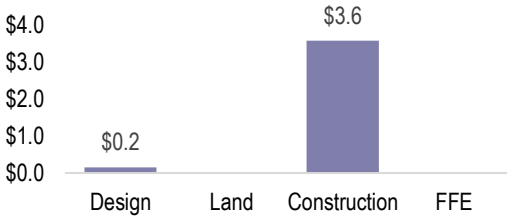
Details

Project Number: C02233
Election District: Algonkian
Square Feet: n/a
Location: Potomac Lakes Sportsplex
Completion Year: FY 2021
Referendum: n/a

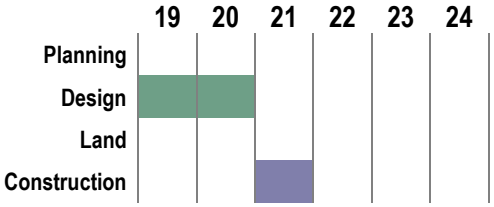
Background/Other word

This project provides for the conversion of two Bermuda athletic fields into synthetic turf at the Potomac Lakes Sportsplex. The Department of Parks, Recreation, and Community Services is transitioning to synthetic turf for athletic fields. This material is more weather resistant and requires less routine maintenance than traditional turf.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	150	-	-	-	-	-	150	-	150
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	1,301	-	2,275	-	-	-	3,576	-	3,576
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	300	-	-	-	300	-	300
Total Cost	**-**	**1,451**	**-**	**2,575**	**-**	**-**	**-**	**4,026**	**-**	**4,026**
Local Tax Funding	-	-	-	2,575	-	-	-	2,575	-	2,575
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	1,451	-	-	-	-	-	1,451	-	1,451
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,451**	**-**	**2,575**	**-**	**-**	**-**	**4,026**	**-**	**4,026**

Scott Jenkins Memorial Park – Phase III

Details

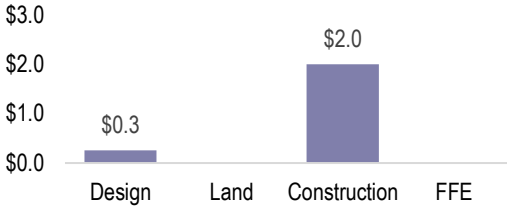
Project Number: n/a
Election District: Catoctin
Square Feet: n/a
Location: Old Colonial Highway; co-located with Harmony Park and Ride
Estimated Completion Year: FY 2022
Referendum: November 2019

Background

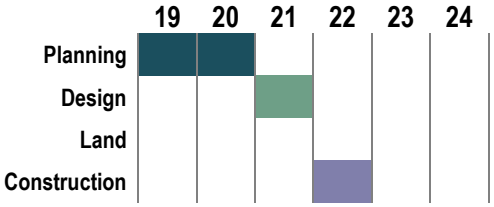
The Park will include five athletic fields – four diamond fields and one rectangular field. Supporting amenities will include athletic field lighting, fencing, public utilities, parking, and access from a public road. It will also include landscaping, public restrooms, concessions, groundwater wells,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

This phase of the project, Phase III, proposes to provide funding in FY 2021 to light all five athletic fields. Phase I and Phase II received funding previously. Phase I of the project graded the entire site and constructed the 250-space Harmony Park and Ride Lot, public restrooms, and one large baseball field with associated parking. Phase II of the project funded the construction of a rectangular athletic field, three diamond fields, concessions, and associated parking.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	255	-	-	-	255	-	255
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	2,000	-	-	-	2,000	-	2,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	380	-	-	-	380	-	380
Total Cost	**-**	**-**	**-**	**2,635**	**-**	**-**	**-**	**2,635**	**-**	**2,635**
Local Tax Funding	-	-	-	880	-	-	-	880	-	880
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	1,755	-	-	-	1,755	-	1,755
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**2,635**	**-**	**-**	**-**	**2,635**	**-**	**2,635**

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

STEM Library

Details

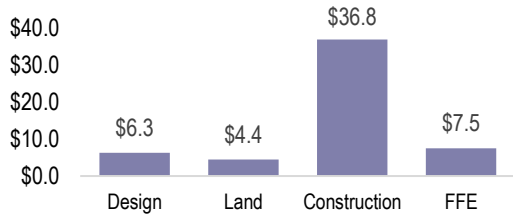
Project Number: n/a
Election District: TBD
Square Feet: 52,000
Location: TBD
Estimated Completion Year: FY 2029
Referendum: November 2022

Background

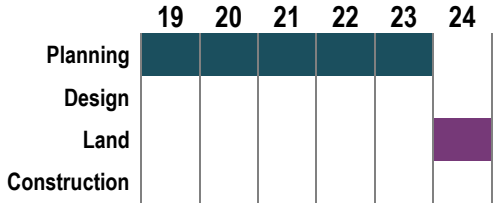
This project provides funding to design and construct a public STEM (Science, Technology, Engineering and Mathematics) library. In addition to a STEM-focused collection for all ages in all formats, this Library will have ample seating and study space; numerous meeting rooms of varying sizes for programs 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 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 customers can collaborate.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	6,290	6,290
Land	-	-	-	-	-	-	4,430	4,430	-	4,430
Construction	-	-	-	-	-	-	-	-	36,836	36,836
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	7,480	7,480
Other	-	-	-	-	-	-	-	-	445	445
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**4,430**	**4,430**	**51,051**	**55,481**
Local Tax Funding	-	-	-	-	-	-	-	-	445	445
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	4,430	4,430	50,606	55,036
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**4,430**	**4,430**	**51,051**	**55,481**

Sterling Neighborhood Park

Details

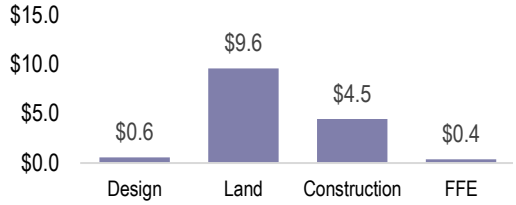
Project Number: n/a
Election District: Sterling
Square Feet: n/a
Location: TBD
Estimated Completion Year: FY 2028
Referendum: n/a

Background

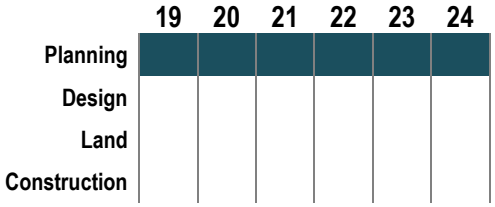
This project provides funding for a neighborhood park in the Sterling area.

The Park will include passive and/or active (programmed or un-programmed) recreation. Passive areas may include playgrounds, picnic areas, trails, wooded areas, and streams. Active areas may include a baseball/softball starplex (four fields) or three large rectangle fields. In addition, the Park will include field lighting, fencing, site utilities, parking, and site access from the public road. It will also include landscaping, public restrooms, concessions, groundwater wells, irrigation, staff offices, a playground, storage, scorekeeper and umpire areas, maintenance facilities, picnic pavilions, bleachers, and signage. The Park's facilities may also include a pool.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	560	560
Land	-	-	-	-	-	-	-	-	9,580	9,580
Construction	-	-	-	-	-	-	-	-	4,460	4,460
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	365	365
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**14,965**	**14,965**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	14,965	14,965
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**14,965**	**14,965**

Teen Center

Details

Project Number: n/a
Election District: TBD
Square Feet: 20,000
Location: TBD
Estimated Completion Year: FY 2032
Referendum: n/a

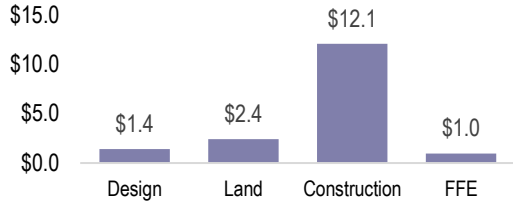
Background

This project provides funding for the creation of a teen center.

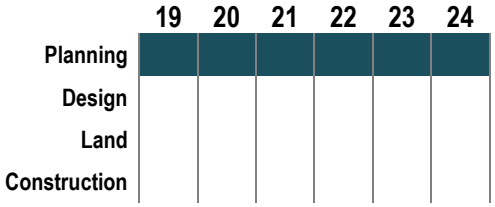
The Center would provide a large multi-purpose room, fitness room, two meeting rooms, a multi-media room, a computer lab, and a digital arts studio. It would also provide a kitchen, snack bar, game area, restrooms, indoor and outdoor congregation areas, storage, and staff/support space.

Co-locating the facility with a community center or a recreation center would offer program benefits and potential cost savings through shared program space.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	1,406	1,406
Land	-	-	-	-	-	-	-	-	2,434	2,434
Construction	-	-	-	-	-	-	-	-	12,069	12,069
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	976	976
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16,885**	**16,885**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	16,885	16,885
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16,885**	**16,885**

Town of Hamilton – Hamilton Community Park

Details

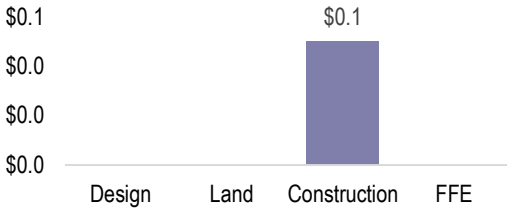
Project Number: C02200
Election District: Catoctin
Square Feet: n/a
Location: Town of Hamilton, Old Colonial Highway
Estimated Completion Year: FY 2019
Referendum: n/a

Background

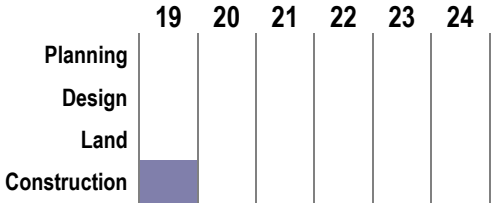
Each year the County solicits capital project funding requests from towns within the County for facilities owned by, or located within, the town but operated by the County; or for local pedestrian/transportation related improvements that benefit the County. As a capital expense, the funding for the projects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

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

Phase Costs in Millions



Project Phase Timeline by FY



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

Town of Leesburg – Veterans Park

Details

Project Number: n/a
Election District: Leesburg
Square Feet: n/a
Location: Town of Leesburg, adjacent to Ball's Bluff Regional Park
Estimated Completion Year: FY 2021
Referendum: n/a

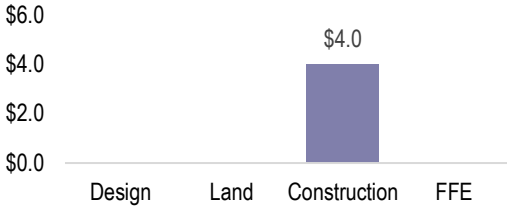
Background

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.

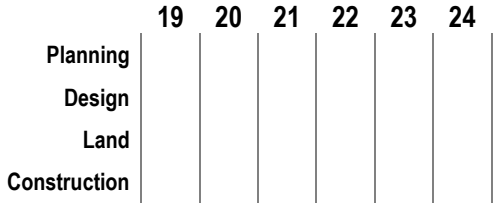
This project proposes to provide funding for the design and construction of improvements to Veteran's Park in the Town of Leesburg. The Town acquired the 86-acre park along the Potomac River in March of 2000. The Town requested that the County provide funding for the development of the Park since County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

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
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)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**4,000**	**-**	**-**	**-**	**4,000**	**-**	**4,000**

Town of Round Hill – Sleeter Lake Park

Details

Project Number: C02123
Election District: Blue Ridge
Square Feet: n/a
Location: Town of Round Hill
Estimated Completion Year: FY 2019
Referendum: n/a

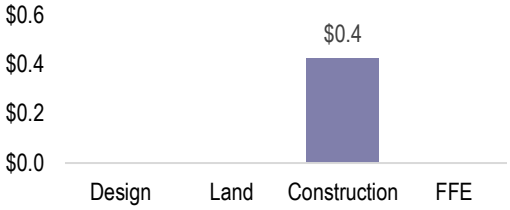
Background

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

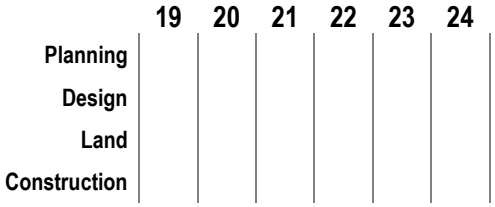
This project received funding in FY 2017 for the development of Sleeter Lake Park in the Town of Round Hill. The funding will provide for the construction of improvements to the existing road network and development of a new system of trails to facilitate the opening of Sleeter Lake Park.

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

Phase Costs in Millions



Project Phase Timeline by FY



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

Western Loudoun Recreation Center

Details

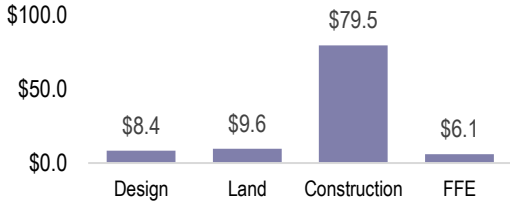
Project Number: n/a
Election District: Blue Ridge
Square Feet: 83,000
Location: TBD
Estimated Completion Year: FY 2030
Referendum: TBD

Background

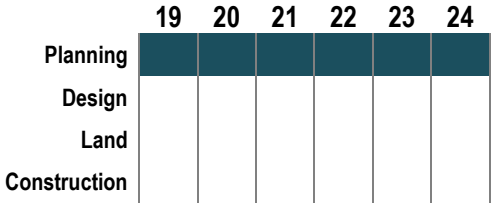
This project provides funding to develop a new recreation center in the Route 7 West planning subarea. A location for the facility has not yet been identified.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	8,422	8,422
Land	-	-	-	-	-	-	-	-	9,573	9,573
Construction	-	-	-	-	-	-	-	-	79,508	79,508
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	6,072	6,072
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**103,575**	**103,575**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	103,575	103,575
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Proceeds from Land Sale	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**103,575**	**103,575**

Capital Improvement Program
Public Safety

Capital Improvement Program by Functional Area
Schedule of Appropriations
Public Safety

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Animal Services Facility	15,495	6,800	-	-	-	-	-	6,800	-	22,295
Courts Complex Phase III	79,410	10,000	-	17,885	-	-	-	27,885	-	107,295
Fire and Rescue Capital Apparatus	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,988	70,467
Fire and Rescue Recruit Training Facility	-	750	-	5,660	-	-	-	6,410	-	6,410
Fire and Rescue Station Storage Sheds	-	-	-	650	-	-	-	650	-	650
Fire and Rescue Training Academy Expansion	-	-	-	-	1,240	7,030	-	8,270	-	8,270
Fire and Rescue Training Tower	-	-	-	-	-	-	400	400	3,600	4,000
Juvenile Detention Center Phase II	-	-	-	-	-	5,595	-	5,595	-	5,595
Station #04 - Round Hill Station Replacement	-	1,900	-	17,580	-	-	-	19,480	-	19,480
Station #05/#17 - Hamilton Station Replacement	-	-	-	-	-	-	-	-	16,045	16,045
Station #07 - Aldie Station Replacement	14,860	4,000	-	-	-	-	-	4,000	-	18,860
Station #08 - Philomont Station Replacement	-	-	-	-	2,590	13,725	-	16,315	-	16,315
Station #28 - Leesburg South Station	-	-	-	2,580	15,400	-	-	17,980	-	17,980
Station #29 - Old Ox Station	-	-	-	-	-	2,800	16,610	19,410	-	19,410
Total Cost	**145,838**	**26,450**	**3,090**	**47,538**	**22,508**	**32,527**	**20,488**	**152,601**	**34,633**	**333,072**
Funding Source										
Local Tax Funding	13,490	8,150	3,090	8,108	7,108	6,177	3,878	36,511	18,588	68,589
General Obligation Bonds	42,090	4,300	-	21,230	15,400	20,755	16,610	78,295	16,045	136,430
Lease Revenue Financing	90,258	14,000	-	18,200	-	5,595	-	37,795	-	128,053
Total Financing	**145,838**	**26,450**	**3,090**	**47,538**	**22,508**	**32,527**	**20,488**	**152,601**	**34,633**	**333,072**

Animal Services Facility

Details

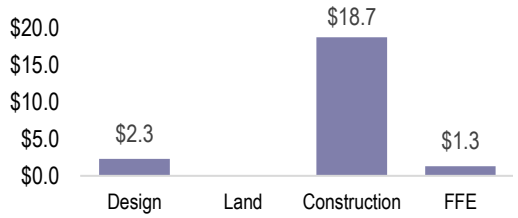
Project Number: C00240
Election District: Catoctin
Square Feet: 25,000
Location: Government Support Center off of Sycolin Road
Estimated Completion Year: FY 2021
Referendum: November 2014

Background

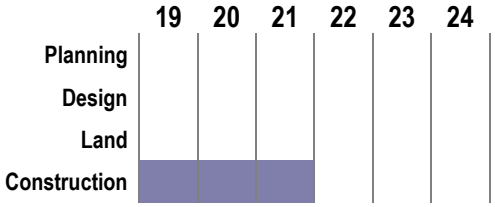
This project provides funding for the design and construction of an animal shelter to replace the existing County Animal Services facility in Waterford. The new shelter will be better able to provide animal services to the densest concentration of human and pet populations in the County, while remaining readily accessible to western Loudoun residents.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	2,295	-	-	-	-	-	-	-	-	2,295
Land	-	-	-	-	-	-	-	-	-	-
Construction	11,920	6,800	-	-	-	-	-	6,800	-	18,720
Furniture, Fixtures & Equip	1,280	-	-	-	-	-	-	-	-	1,280
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**15,495**	**6,800**	**-**	**-**	**-**	**-**	**-**	**6,800**	**-**	**22,295**
Local Tax Funding	125	4,400	-	-	-	-	-	4,400	-	4,525
General Obligation Bonds	15,370	2,400	-	-	-	-	-	2,400	-	17,770
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**15,495**	**6,800**	**-**	**-**	**-**	**-**	**-**	**6,800**	**-**	**22,295**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	1.00	7.00	-	-	-	8.00
Personnel	-	13	683	704	725	747	2,872
O & M	-	-	336	339	343	346	1,364
Capital Outlay	-	-	33	33	34	34	134
Debt Service	-	-	793	1,009	979	954	3,735
Total Impact	**-**	**13**	**1,845**	**2,085**	**2,081**	**2,081**	**8,105**

Courts Complex – Phase III

Details

Project Number: C00150/C02140
Election District: Leesburg
Square Feet: Renovation of 40,000; new addition of 92,000
Location: Courts Complex in the Town of Leesburg
Estimated Completion Year: FY 2023
Referendum: n/a

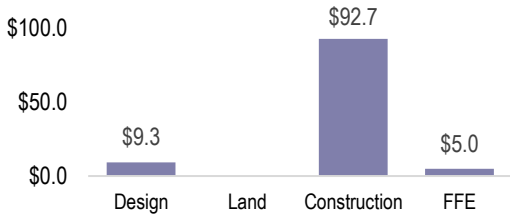
Background

This project provides funding to construct a new facility for the General District Court and court administrative support functions, a 725-space parking garage, and the renovation of the current Courts Complex facility.

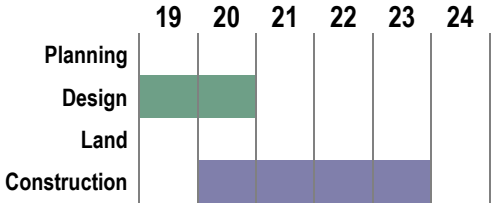
Funding in FY 2017 and FY 2019 will be used to construct the Phase III addition to the Court Complex, and provide a 195-space expansion to the structured parking facility at the Pennington Lot. Funding in FY 2021 is planned for the renovation of the Phase I and II Courts Complex.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	9,310	-	-	-	-	-	-	-	-	9,310
Land	-	-	-	-	-	-	-	-	-	-
Construction	65,100	10,000	-	17,600	-	-	-	27,600	-	92,700
Furniture, Fixtures & Equip	5,000	-	-	-	-	-	-	-	-	5,000
Other	-	-	-	285	-	-	-	285	-	285
Total Cost	**79,410**	**10,000**	**-**	**17,885**	**-**	**-**	**-**	**27,885**	**-**	**107,295**
Local Tax Funding	2,010	-	-	285	-	-	-	285	-	2,295
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	77,400	10,000	-	17,600	-	-	-	27,600	-	105,000
Total Financing	**79,410**	**10,000**	**-**	**17,885**	**-**	**-**	**-**	**27,885**	**-**	**107,295**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	15.00	19.00	12.00	1.00	-	47.00
Personnel	-	881	3,188	4,359	4,657	4,797	17,882
O & M	68	292	600	1,535	1,600	1,616	5,710
Capital Outlay	-	-	-	-	-	-	-
Debt Service	-	500	2,625	4,801	6,360	7,391	21,677
Total Impact	**68**	**1,673**	**6,412**	**10,695**	**12,617**	**13,803**	**45,268**

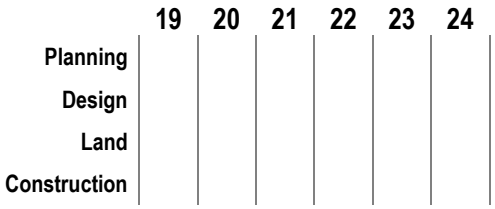
Fire and Rescue Capital Apparatus

Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions

Project Phase Timeline by FY



Background

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

Apparatus procurement planned for FY 2020 include:

County		
EMS Transport	Countywide	$ 414,974
Logistical Support Unit	Countywide	$ 340,000
Brush Unit	Philomont	$ 195,850
Volunteer		
Brush Unit	Arcola	$ 106,436
Engine	Ashburn	$ 470,360
EMS Transport	Hamilton	$ 186,567
EMS Transport	Loudoun Rescue	$ 186,567
EMS Transport	Lovettsville	$ 186,567
EMS Transport	Purcellville	$ 186,567
EMS Transport	Sterling	$ 186,567
FY 2020 Total		$ 2,460,455

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	36,073	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,988	70,467
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**36,073**	**3,000**	**3,090**	**3,183**	**3,278**	**3,377**	**3,478**	**19,406**	**14,988**	**70,467**
Local Tax Funding	6,000	3,000	3,090	3,183	3,278	3,377	3,478	19,406	14,988	40,394
General Obligation Bonds	17,215	-	-	-	-	-	-	-	-	17,215
Lease Revenue Financing	12,858	-	-	-	-	-	-	-	-	12,858
Total Financing	**36,073**	**3,000**	**3,090**	**3,183**	**3,278**	**3,377**	**3,478**	**19,406**	**14,988**	**70,467**

Fire and Rescue – Recruit Training Facility

Details

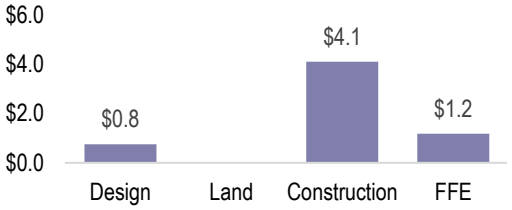
Project Number: n/a
Election District: Catoctin
Square Feet: TBD
Location: Government Support Center off of Sycolin Road
Estimated Completion Year: FY 2023
Referendum: November 2019

Background

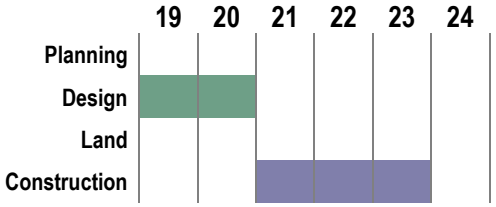
This project provides funding to design and construct a recruit training facility at the existing Fire-Rescue Training Center property. The facility, to be located in proximity to the current structural burn building, training props, and high bay building, would provide climate-protected garaging for the Training Division, Ready Reserve, and other specialized apparatus, as well as provide support facilities for drill grounds-centric training exercises/programs.

The 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 the location of this facility at the existing fire-rescue parcel within the Government Support Center site.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	750	-	-	-	-	-	750	-	750
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,095	-	-	-	4,095	-	4,095
Furniture, Fixtures & Equip	-	-	-	1,175	-	-	-	1,175	-	1,175
Other	-	-	-	390	-	-	-	390	-	390
Total Cost	**-**	**750**	**-**	**5,660**	**-**	**-**	**-**	**6,410**	**-**	**6,410**
Local Tax Funding	-	750	-	390	-	-	-	1,140	-	1,140
General Obligation Bonds	-	-	-	5,270	-	-	-	5,270	-	5,270
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**750**	**-**	**5,660**	**-**	**-**	**-**	**6,410**	**-**	**6,410**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
O & M	-	-	-	-	48	48	96
Debt Service	-	-	-	288	435	585	1,308
Total Impact	**-**	**-**	**-**	**288**	**560**	**713**	**1,560**

Fire and Rescue – Station Storage Sheds

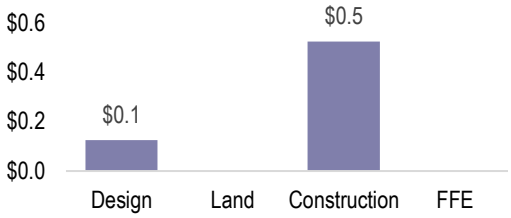
Details

Project Number: n/a
Election District: Various
Square Feet: 4,800 total
Location: Countywide
Estimated Completion Year: FY 2021
Referendum: n/a

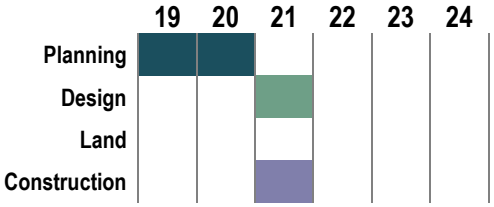
Background

This project provides for the construction of storage facilities at three fire stations. These free-standing buildings will meet the need for general storage, as well as for storing utility vehicles.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	125	-	-	-	125	-	125
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	525	-	-	-	525	-	525
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**650**	**-**	**-**	**-**	**650**	**-**	**650**
Local Tax Funding	-	-	-	50	-	-	-	50	-	50
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	600	-	-	-	600	-	600
Total Financing	**-**	**-**	**-**	**650**	**-**	**-**	**-**	**650**	**-**	**650**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	60	59	57	176
Total Impact	**-**	**-**	**-**	**60**	**59**	**57**	**176**

Fire and Rescue – Training Academy Expansion

Details

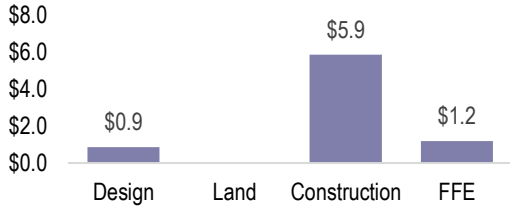
Project Number: n/a
Election District: Catoctin
Square Feet: TBD
Location: Government Support Center off of Sycolin Road
Estimated Completion Year: FY 2025
Referendum: November 2021

Background

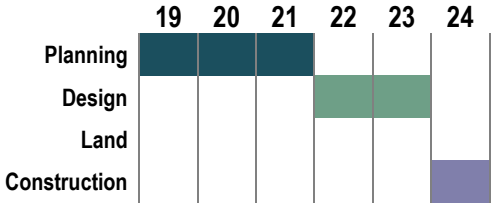
This project provides funding to design and construct an addition to the Fire and Rescue Training Academy.

The Fire and Rescue Training Center Master Plan 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 Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	850	-	-	850	-	850
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	5,850	-	5,850	-	5,850
Furniture, Fixtures & Equip	-	-	-	-	-	1,180	-	1,180	-	1,180
Other	-	-	-	-	390	-	-	390	-	390
Total Cost	**-**	**-**	**-**	**-**	**1,240**	**7,030**	**-**	**8,270**	**-**	**8,270**
Local Tax Funding	-	-	-	-	1,240	-	-	1,240	-	1,240
General Obligation Bonds	-	-	-	-	-	7,030	-	7,030	-	7,030
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**1,240**	**7,030**	**-**	**8,270**	**-**	**8,270**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	-	1.00	-	1.00
Personnel	-	-	-	-	81	84	165
O & M	-	-	-	-	151	153	151
Debt Service	-	-	-	-	-	230	230
Total Impact	**-**	**-**	**-**	**-**	**232**	**466**	**546**

Fire and Rescue – Training Tower

Details

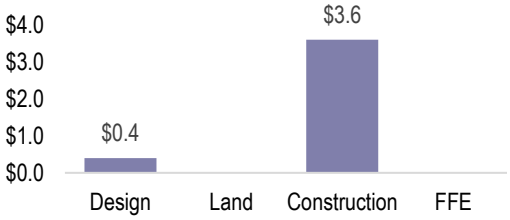
Project Number: n/a
Election District: Catoctin
Square Feet: TBD
Location: Government Support Center on Sycolin Road
Estimated Completion Year: FY 2026
Referendum: n/a

Background

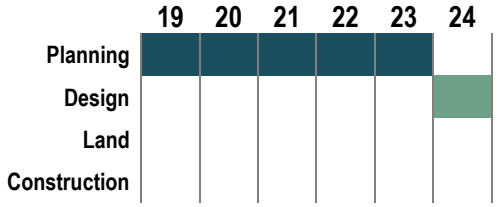
This project provides for the construction of a training tower to simulate a range of potential threats or emergencies in high-rise or multi-story buildings. The training tower prop will provide a safe, realistic, and effective environment for public safety personnel to train in the efficient response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

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	400	400	-	400
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	3,600	3,600
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**400**	**400**	**3,600**	**4,000**
Local Tax Funding	-	-	-	-	-	-	400	400	3,600	4,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**400**	**400**	**3,600**	**4,000**

Juvenile Detention Center – Phase II

Details

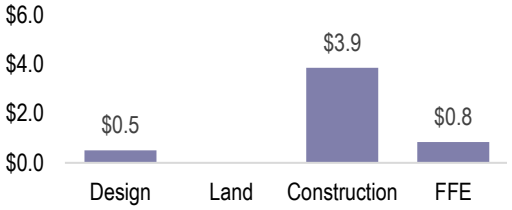
Project Number: C00146
Election District: Catoctin
Square Feet: 5,000
Location: Government Support Center off of Sycolin Road
Estimated Completion Year: FY 2026
Referendum: n/a

Background

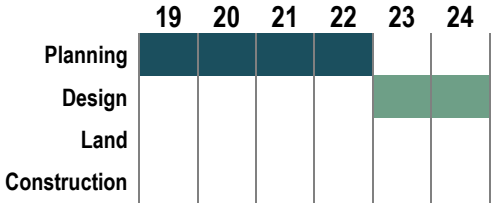
This project provides funding to construct an addition to the new Juvenile Detention Center (JDC). The addition will include increased bed capacity, program areas, as well as a Juvenile Assessment Center.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	505	-	505	-	505
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,850	-	3,850	-	3,850
Furniture, Fixtures & Equip	-	-	-	-	-	840	-	840	-	840
Other	-	-	-	-	-	400	-	400	-	400
Total Cost	**-**	**-**	**-**	**-**	**-**	**5,595**	**-**	**5,595**	**-**	**5,595**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	5,595	-	5,595	-	5,595
Total Financing	**-**	**-**	**-**	**-**	**-**	**5,595**	**-**	**5,595**	**-**	**5,595**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	280	280
Total Impact	**-**	**-**	**-**	**-**	**-**	**280**	**280**

Fire and Rescue - Station #04 - Round Hill Station Replacement

Details

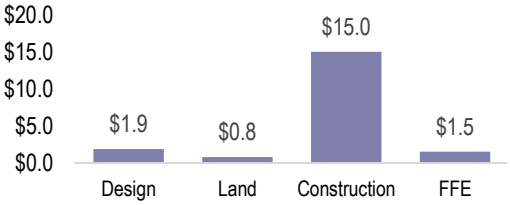
Project Number: C02215
Election District: Blue Ridge
Square Feet: 18,500
Location: Co-located with the Western Loudoun Sheriff's Station
Estimated Completion Year: FY 2022
Referendum: November 2017

Background

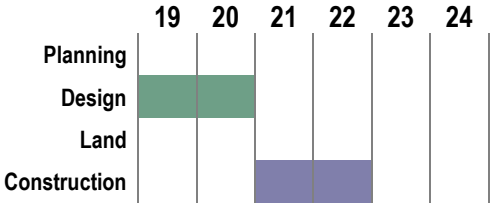
This project provides funding to design and construct a new Round Hill Fire Station on a County-owned site adjacent to the Town of Round Hill for Round Hill Fire and Rescue Company #4.

The facility will include apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, and supply storage. It will also include a gear and hose drying area, a breathing apparatus air compressor room, a fitness room, offices, and a repair shop. The Station will include the addition of a brush truck.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,900	-	-	-	-	-	1,900	-	1,900
Land	-	-	-	800	-	-	-	800	-	800
Construction	-	-	-	15,020	-	-	-	15,020	-	15,020
Furniture, Fixtures & Equip	-	-	-	1,540	-	-	-	1,540	-	1,540
Other	-	-	-	220	-	-	-	220	-	220
Total Cost	**-**	**1,900**	**-**	**17,580**	**-**	**-**	**-**	**19,480**	**-**	**19,480**
Local Tax Funding	-	-	-	3,820	-	-	-	3,820	-	3,820
General Obligation Bonds	-	1,900	-	13,760	-	-	-	15,660	-	15,660
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,900**	**-**	**17,580**	**-**	**-**	**-**	**19,480**	**-**	**19,480**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	5.00	1.00	-	6.00
Personnel	-	-	-	502	517	532	1,551
O & M	-	-	-	457	461	466	1,384
Capital Outlay	-	-	-	14	15	15	44
Debt Service	-	-	-	539	1,026	1,469	3,034
Total Impact	**-**	**-**	**-**	**1,512**	**2,019**	**2,482**	**6,012**

Fire and Rescue – Station #05/#17 - Hamilton Station Replacement

Details

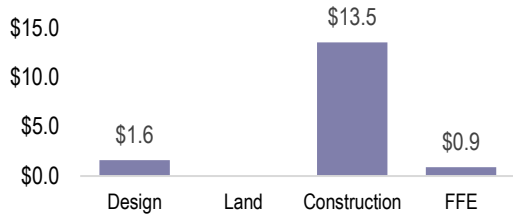
Project Number: n/a
Election District: Catoctin
Square Feet: 22,000
Location: Town of Hamilton
Estimated Completion Year: FY 2028
Referendum: n/a

Background

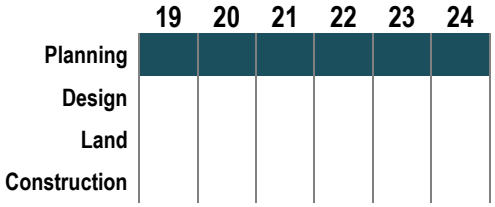
This project is intended to replace the current Hamilton Fire Station with a larger facility as the needs of the area have outgrown the capacity of the current facility.

The facility will include amenities such as restrooms, showers, lockers, exercise area, food preparation/dining facilities, apparatus bays, bunkrooms, training/break room facilities, laundry/decontamination area, supply storage, a gear/hose drying area, a breathing apparatus air compressor room, offices, and a repair shop. 24/7 coverage by career staff is in place with possible combined coverage by career and volunteer staff. The station will also include the addition of a brush truck.

Phase Costs in Millions



Project Phase Timeline by FY



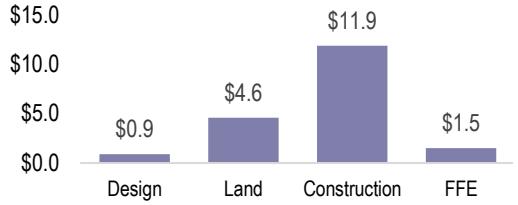
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	1,612	1,612
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	13,523	13,523
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	910	910
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16,045**	**16,045**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	16,045	16,045
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**16,045**	**16,045**

Fire and Rescue - Station #07 - Aldie Station Replacement

Details

Project Number: C00140
Election District: Blue Ridge
Square Feet: 20,500
Location: John Mosby Highway, near the Village of Aldie
Estimated Completion Year: FY 2022
Referendum: n/a

Phase Costs in Millions



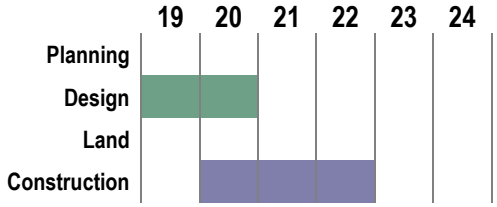
Background

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 will include: apparatus bays, bunkroom facilities, a training room, break room, restrooms, showers, food preparation and dining areas, laundry and decontamination areas, and supply storage. It will also include a gear and hose drying area, a breathing apparatus air compressor room, a fitness room, offices, and a repair shop. The Station will include the addition of a tanker and a brush truck.

Original appropriations for the project were part of the FY 2008 and FY 2009 CIP budgets, with an additional $3.6 million appropriated in the FY 2014 CIP for land acquisition. In the fall of 2015, the County acquired three contiguous sites for the new Aldie Fire Station.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	900	-	-	-	-	-	-	-	-	900
Land	4,590	-	-	-	-	-	-	-	-	4,590
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
General Obligation Bonds	9,505	-	-	-	-	-	-	-	-	9,505
Lease Revenue Financing	-	4,000	-	-	-	-	-	4,000	-	4,000
Total Financing	**14,860**	**4,000**	**-**	**-**	**-**	**-**	**-**	**4,000**	**-**	**18,860**

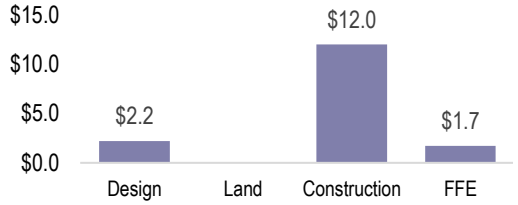
Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	-	-	-	25.33	-	-	25.33
Personnel	-	-	-	2,374	2,445	2,519	7,339
O & M	-	-	-	778	786	793	2,357
Debt Service	-	-	-	38	211	528	776
Total Impact	**-**	**-**	**-**	**3,190**	**3,442**	**3,840**	**10,471**

Fire and Rescue - Station #08 - Philomont Station Replacement

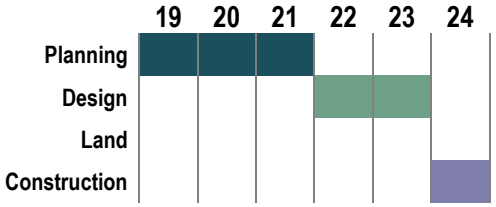
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: 18,500
Location: Snickersville Turnpike, in the Village of Philomont
Estimated Completion Year: FY 2026
Referendum: November 2021

Phase Costs in Millions



Project Phase Timeline by FY



Background

This project provides funding to design and construct a station to replace the current Philomont Volunteer Fire and Rescue Company #8 Station.

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

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

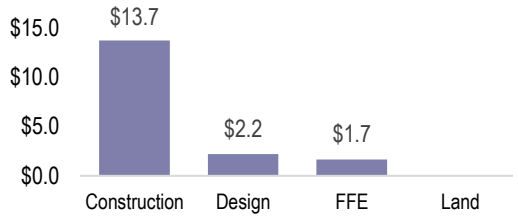
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	2,200	-	-	2,200	-	2,200
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	11,990	-	11,990	-	11,990
Furniture, Fixtures & Equip	-	-	-	-	-	1,735	-	1,735	-	1,735
Other	-	-	-	-	390	-	-	390	-	390
Total Cost	**-**	**-**	**-**	**-**	**2,590**	**13,725**	**-**	**16,315**	**-**	**16,315**
Local Tax Funding	-	-	-	-	2,590	-	-	2,590	-	2,590
General Obligation Bonds	-	-	-	-	-	13,725	-	13,725	-	13,725
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**2,590**	**13,725**	**-**	**16,315**	**-**	**16,315**

Fire and Rescue - Station #28 - Leesburg South Station

Details

Project Number: n/a
Election District: Catoctin
Square Feet: 25,000
Location: Adjacent to Sycolin Elementary School
Estimated Completion Year: FY 2025
Referendum: November 2019

Phase Costs in Millions



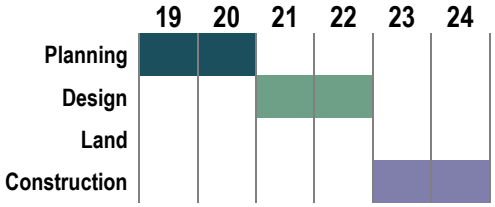
Background

This project provides funding to construct a fire and rescue station at an appropriately zoned, five-acre site.

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 deficiencies were identified on Shreve Mill Road prompting the search for alternative site locations in the Evergreen Mills corridor that avoid the identified roadway restrictions on Shreve Mill Road for large vehicles and extend the County's improved Insurance Service Office (ISO) rating to more communities.

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, a fitness room, offices, and a repair shop. Staffing for the Fire and Rescue Station will be 24 hours, seven days a week for a pumper, ambulance, tanker and the Loudoun County Fire and Rescue's Hazardous Materials Team. The Hazardous Materials Team is currently located at Fire Station 19 (South Riding which is a less central geographic location). The re-location of this program will more effectively ensure timely response to high risk events involving the release of hazardous materials.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	2,200	-	-	-	2,200	-	2,200
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	13,730	-	-	13,730	-	13,730
Furniture, Fixtures & Equip	-	-	-	-	1,670	-	-	1,670	-	1,670
Other	-	-	-	380	-	-	-	380	-	380
Total Cost	**-**	**-**	**-**	**2,580**	**15,400**	**-**	**-**	**17,980**	**-**	**17,980**
Local Tax Funding	-	-	-	380	-	-	-	380	-	380
General Obligation Bonds	-	-	-	2,200	15,400	-	-	17,600	-	17,600
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**2,580**	**15,400**	**-**	**-**	**17,980**	**-**	**17,980**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	110	217	382	709
Total Impact	**-**	**-**	**-**	**110**	**217**	**382**	**709**

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

Details

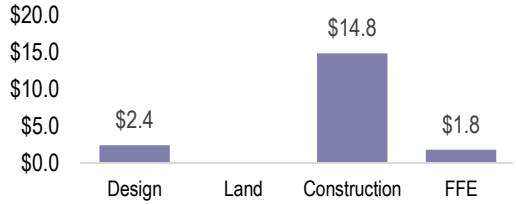
Project Number: n/a
Election District: Broad Run
Square Feet: 18,500
Location: Old Ox Road, near Davis Drive
Estimated Completion Year: FY 2026
Referendum: November 2021

Background

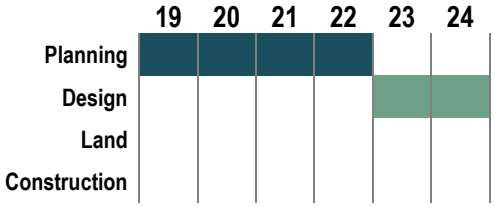
This project provides funding to design and construct a new Old Ox Road (Route 606) Fire Station on a 5-acre proffered site in the Sterling Planning Subarea. The site is proffered to the County by the developer of Waterside, ZMAP-2012-0006.

The Station 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, a fitness room, offices, and a repair shop. The station will also include the addition of an engine and a medical unit.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	2,400	-	2,400	-	2,400
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	14,810	14,810	-	14,810
Furniture, Fixtures & Equip	-	-	-	-	-	-	1,800	1,800	-	1,800
Other	-	-	-	-	-	400	-	400	-	400
Total Cost	**-**	**-**	**-**	**-**	**-**	**2,800**	**16,610**	**19,410**	**-**	**19,410**
Local Tax Funding	-	-	-	-	-	2,800	-	2,800	-	2,800
General Obligation Bonds	-	-	-	-	-	-	16,610	16,610	-	16,610
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**2,800**	**16,610**	**19,410**	**-**	**19,410**

Capital Improvement Program
Transportation Capital Projects

Contents

Roads	11-10
Sidewalks, Signals, and Traffic Calming	11-114
Towns	11-128
Transit	11-142

Transportation Capital Projects

Table of Contents

Road Projects **11-10**

Arcola Blvd (Rt 50 to Route 606) 11-11
Belmont Ridge Rd (Shreveport Dr to Evergreen Mills Rd) 11-13
Belmont Ridge Road (Truro Parish Dr to Croson Ln) 11-15
Braddock Rd (Bull Run Post Office Road to Fairfax County Line) 11-17
Braddock Rd (Paul VI Eastern Enterance to Bull Run Post Office Road) 11-19
Braddock Rd (Royal Hunter Drive to Paul VI Eastern Enterance) 11-21
Croson Ln (Claiborne Pkwy to Old Ryan Rd) 11-23
Crosstrail Blvd (Kincaid Blvd to Russell Branch Pkwy) 11-25
Crosstrail Blvd (Sycolin Rd to Dulles Greenway) 11-27
Davis Drive Bridge 11-29
Dulles West Blvd (Dulles Landing Dr to Northstar Blvd) 11-31
Elk Lick Rd Intersection Improvements 11-33
Evergreen Mills Rd (Belmont Ridge Rr to Stone Springs Blvd) 11-35
Evergreen Mills Rd (Northstar Blvd to Belmont Ridge Rd) 11-37
Evergreen Mills Rd Realignment (Reservoir Rd & Watson Rd) 11-39
Evergreen Mills Rd (Stone Springs to Loudoun Co Pkwy) 11-41
Farmwell Road Intersection Improvements 11-43
George Washington Blvd Overpass 11-45
Intelligent Transportation System 11-47
Leesburg Bypass (Dulles Greenway to Rt 15) 11-49
Loudoun Co Pkwy (Dulles West Blvd to Rt 50) 11-51
Loudoun Co Pkwy (Ryan Rd to Shellhorn Rd) 11-53
Moorefield Blvd (Mooreview Pkwy to Moorefield Station) 11-55
Northstar Blvd (Route 50 to Tall Cedars Pkwy) 11-57
Northstar Blvd (Shreveport Dr to Route 50) 11-59
Northstar Blvd (Tall Cedars Pkwy to Braddock Rd) 11-61
Prentice Dr (Lockridge Rd to Shellhorn Rd) 11-63
Route 15 & Braddock Rd Roundabout 11-65
Route 15 & Edwards Ferry Rd Interchange 11-67
Route 15 (Battlefield Pkwy To Montresor Rd) 11-69
Route 15 (Montresor Rd to Point of Rocks Bridge) 11-71
Route 28 North (Dulles Toll Rd to Sterling Blvd) 11-73
Route 50 & Everfield Dr Roundabout 11-75
Route 50 & Rt 606 Interchange 11-77
Route 50 & Trailhead Dr Roundabout 11-79
Route 50 Intersection Improvements 11-81
Route 50 North Collector Rd (Air & Space Pkwy to Tall Cedars Pkwy) 11-83
Route 50 North Collector Rd (Tall Cedars Pkwy to Loudoun Co Pkwy) 11-85
Route 7 & Hillsboro Rd Interchange 11-87
Route 7 & Rt 287 Interchange Improvements 11-89
Route 7 (Route 690 to Route 9) 11-91

Road Projects Continued

Route 7 (Route 9 to Dulles Greenway) 11-93
Route 7 (Route 9 to Route 690) 11-95
Route 9 & Rt 287 Roundabout 11-97
Ryan Rd (Evergreen Mills Rd to Northstar Blvd) 11-99
Seneca Ridge Dr (S Cottage Rd to Augusta Dr) 11-101
Shellhorn Rd (Loudoun Co Pkwy to Randolph Dr) 11-103
Sycolin Rd (Loudoun Center Place to Crosstrail Blvd) 11-105
Trailhead Dr & Braddock Rd Roundabout 11-107
Waxpool Rd & Loudoun Co Pkwy Intersection 11-109
Westwind Dr (Loudoun Co Pkwy to Old Ox Rd) 11-111

Sidewalks, Signals and Traffic Calming Projects **11-114**

Contingency Accounts 11-116
Belmont Ridge Rd & Legacy Park Dr Traffic Signal 11-117
Harmony Middle School Sidewalk 11-118
Intersection Improvement Program 11-119
Loudoun Co Pkwy Shared Use Path 11-120
Oakgrove Rd Pedestrian Improvements 11-121
Old Ryan Rd Pedestrian Improvements 11-122
River Creek Pkwy Sidewalk 11-123
Route 7 Pedestrian Improvements 11-124
Sidewalk & Trail Program 11-125
Sterling Blvd and W&OD Overpass 11-126
W&OD At-Grade Crossing Improvements 11-127

Town Projects **11-128**

Hamilton - Sidewalk Repair 11-130
Hillsboro - Traffic Calming and Pedestrian Safety 11-131
Leesburg - Evergreen Mill Road Widening 11-132
Leesburg - Tuscarora Creek Trail 11-133
Leesburg - NVTA Local Distribution 11-134
Lovettsville - Broadway Streetscape 11-135
Lovettsville - Pedestrian Improvements 11-136
Purcellville - Berlin Turnpike Traffic Signal 11-137
Purcellville - NVTA Local Distribution 11-138
Purcellville - Pedestrian Linkages 11-139
Purcellville - Shared Use Path 11-140

Transit Projects **11-142**

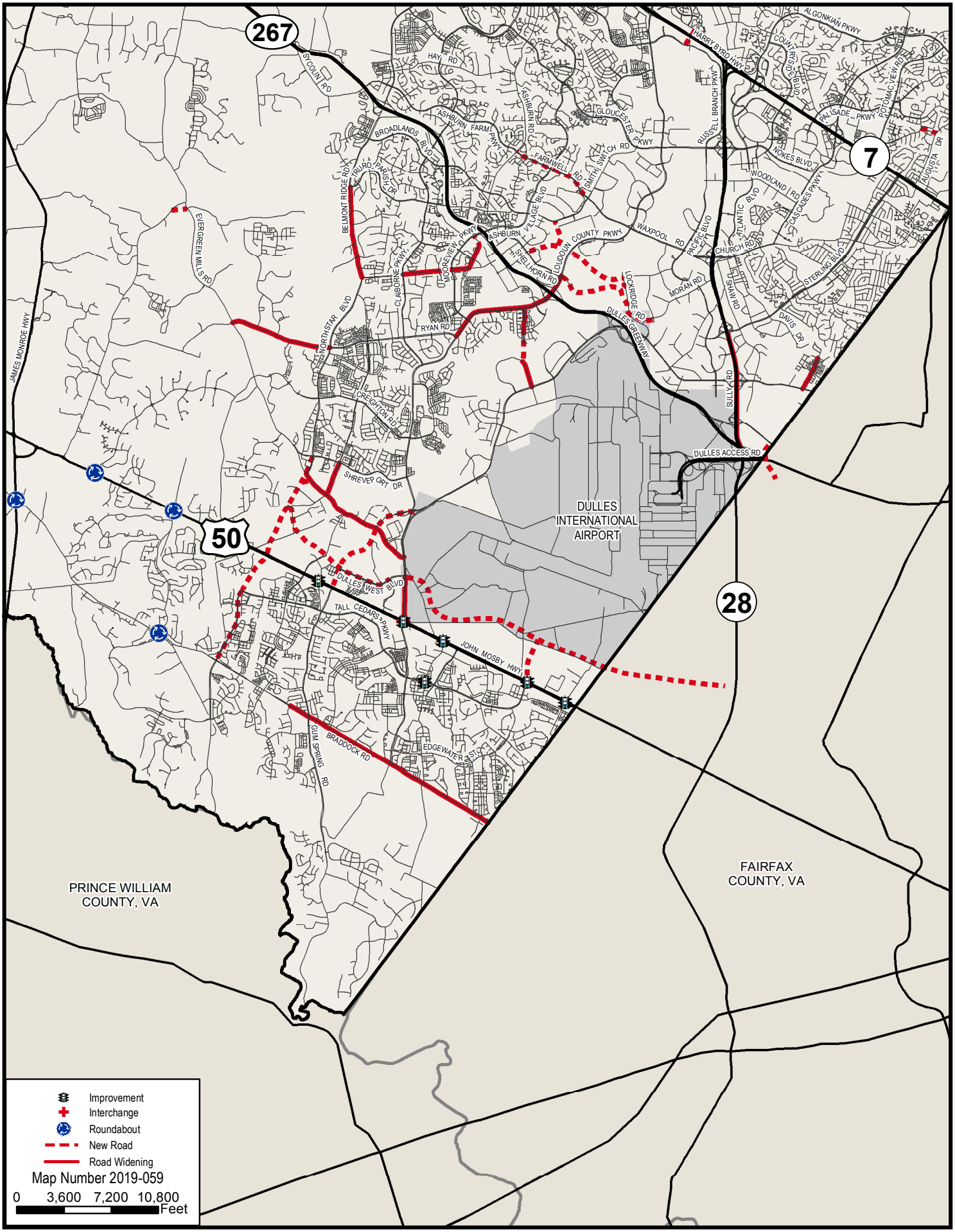
Local Fixed-Route Bus Stop Improvements 11-144
Metrorail Capital Contribution 11-145
Metrorail Station Area Pedestrian Improvements 11-146
Transit Buses - Acquisition 11-147
Western Loudoun Park and Ride Lot 11-148

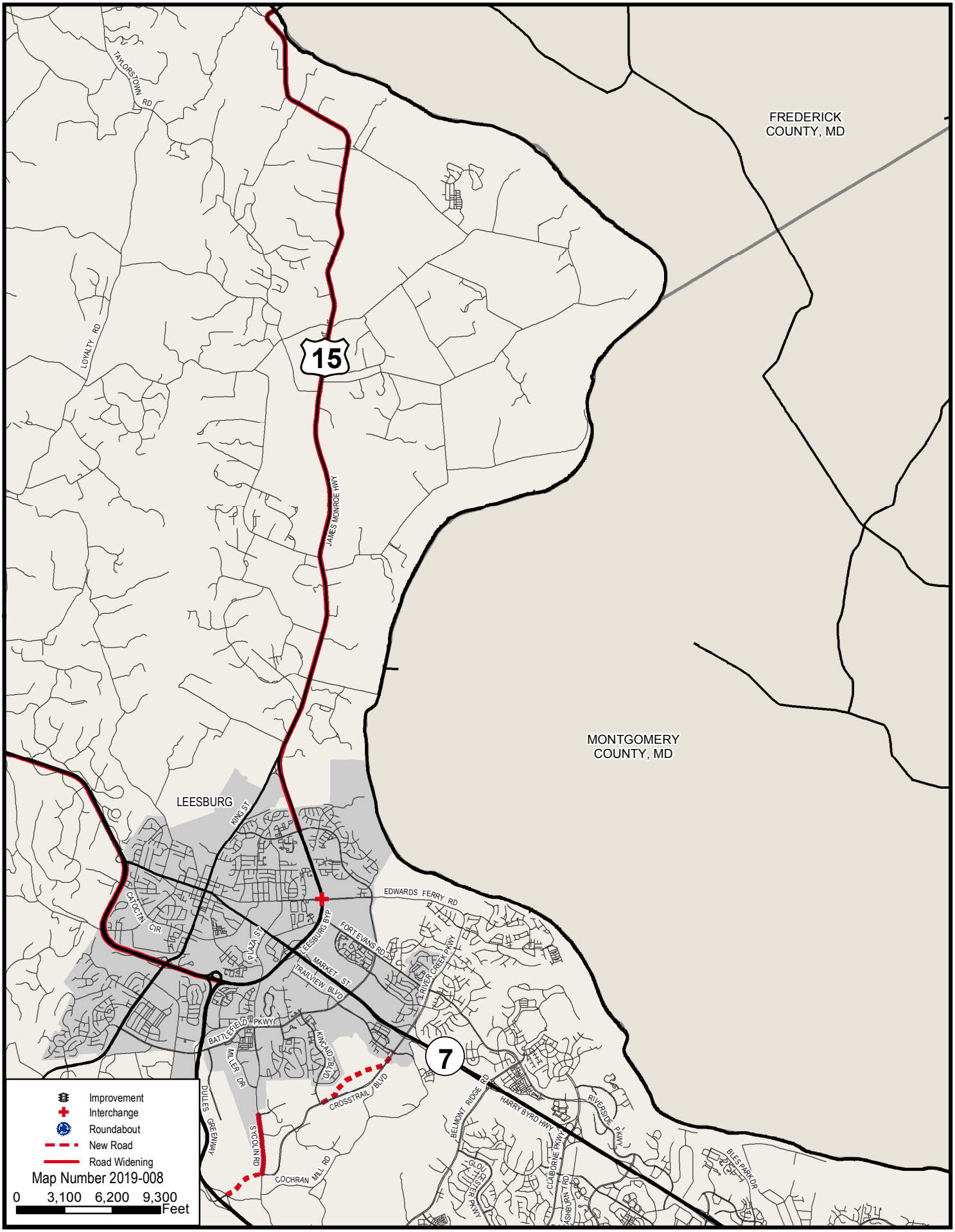
Capital Improvement Program by Functional Area
Schedule of Appropriations
Roads

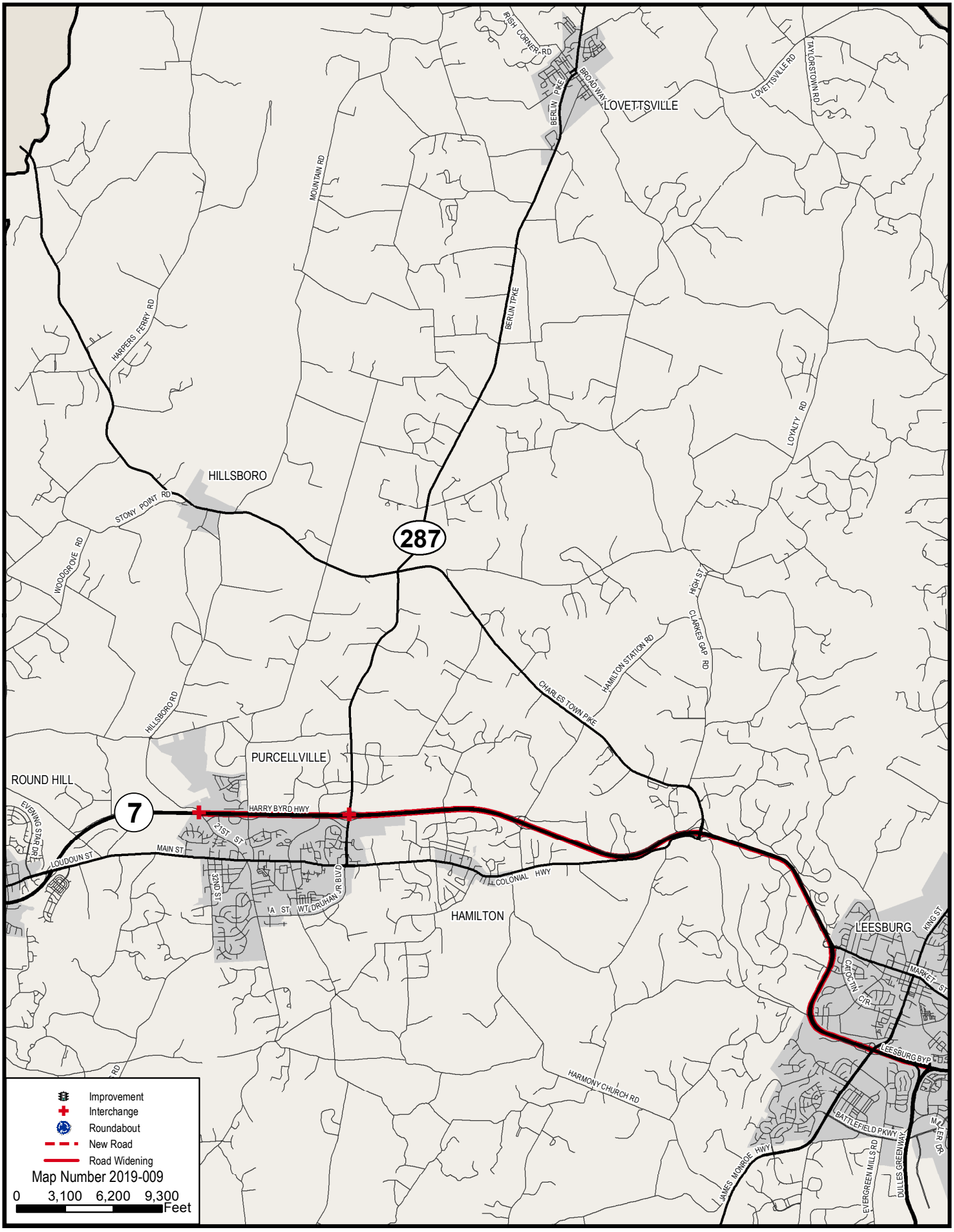
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Arcola Blvd. (Route 50 to Route 606)	1,685	6,968	2,630	12,195	28,955	12,897	-	63,645	-	65,330
Belmont Ridge Rd. (Truro Parish Dr. to Croson Ln.)	38,063	4,673	-	-	-	-	-	4,673	-	42,736
Belmont Ridge Rd. (Shreveport Dr. to Evergreen Mills Rd.)	-	-	-	-	1,755	3,045	20,274	25,074	-	25,074
Braddock Rd. (Bull Run PO Rd. to Fairfax County Line)	-	-	-	-	-	-	-	-	81,800	81,800
Braddock Rd. (Paul VI HS East Entrance to Bull Run PO Rd.)	-	-	-	-	-	-	-	-	60,000	60,000
Braddock Rd. (Royal Hunter Dr. to Paul VI HS East entrance)	-	-	2,000	8,000	19,605	-	-	29,605	-	29,605
Croson Ln Widening (Claiborne Pkwy. to Old Ryan Rd.)	-	-	-	2,381	2,770	-	12,000	17,151	-	17,151
Crosstrail Blvd. (Kincaid Blvd. to Russell Branch Pkwy.)	33,300	41,560	-	-	-	-	-	41,560	-	74,860
Crosstrail Blvd. (Sycolin Rd. to Dulles Greenway)	-	-	-	3,155	-	3,300	-	6,455	36,730	43,185
Davis Dr. Bridge	-	-	-	-	-	-	-	-	46,700	46,700
Dulles West Blvd. (Dulles Landing Dr. to Northstar Blvd.)	-	47,800	2,514	-	-	9,360	-	59,674	-	59,674
Elk Lick Rd Intersection Improvements (Route 50 & Tall Cedars Pkwy.)	689	902	600	-	-	-	-	1,502	-	2,191
Evergreen Mills Rd. (Belmont Ridge Rd. to Stone Springs Blvd.)	-	-	-	-	-	10,000	6,000	16,000	800	16,800
Evergreen Mills Rd. (Northstar Boulevard to Belmont Ridge Rd.)	-	-	-	-	-	-	-	-	18,700	18,700
Evergreen Mills Rd. (Reservoir Rd. and Watson Rd.)	-	14,000	-	-	-	-	-	14,000	-	14,000
Evergreen Mills Rd. (Stone Springs Blvd. to Loudoun County Pkwy.)	-	-	-	-	-	-	5,000	5,000	41,600	46,600
Farmwell Rd. (Smith Switch to Ashburn Rd.)	7,864	-	-	24,825	-	-	-	24,825	-	32,689
Intelligent Transportation System (ITS)	-	1,050	-	-	-	-	1,277	2,327	-	2,327
Leesburg Bypass Widening (Dulles Greenway to Route 15)	-	1,000	2,000	-	-	-	-	3,000	-	3,000
Loudoun County Pkwy. (Dulles West to Route 50)	-	6,581	1,308	-	-	-	-	7,889	-	7,889
Loudoun County Pkwy. (Ryan Rd. to Shellhorn Rd.)	-	-	-	-	-	-	4,135	4,135	18,900	23,035
Moorefield Blvd. (Mooreview Pkwy. to Moorefield Station)	-	4,340	-	-	-	-	-	4,340	-	4,340
Northstar Blvd. (Shreveport Dr. to Route 50)	22,655	-	56,641	-	-	-	-	56,641	-	79,296
Northstar Blvd. (Route 50 to Tall Cedars Pkwy.)	5,432	5,000	46,161	-	-	-	-	51,161	-	56,593
Northstar Blvd. (Tall Cedar Pkwy. to Braddock Rd.)	-	-	-	-	3,369	-	32,407	35,776	-	35,776
Prentice Rd. (Lockridge Rd. to Shellhorn Rd.)	9,000	-	76,230	-	15,000	-	-	91,230	-	100,230
Route 7/ Route 287 Interchange Improvements	-	2,115	-	-	5,090	5,001	-	12,206	-	12,206
Route 7/ Hillsboro Rd. Interchange	7,500	405	3,845	20,055	5,500	4,065	-	33,870	-	41,370
Route 7 (Route 9 to Dulles Greenway)	-	-	-	3,620	-	-	2,320	5,940	47,195	53,135
Route 7 (Route 690 to Route 9)	-	-	-	-	-	-	-	-	70,000	70,000
Route 7 (Route 9 to Route 690)	-	-	-	-	-	-	-	-	70,000	70,000
Route 9 / Route 287 Roundabout	1,228	-	13,255	-	-	-	-	13,255	-	14,483
Route 15 & Braddock Rd. Roundabout	-	-	-	-	-	-	1,015	1,015	5,385	6,400
Route 15 (Battlefield Pkwy. to Montresor Rd.)	-	3,500	-	54,835	-	21,435	-	79,770	-	79,770
Route 15 (Montresor Rd. and Point of Rocks Bridge)	-	-	-	-	8,830	-	26,255	35,085	75,700	110,785
Route 28 (Dulles Toll Rd. to Sterling Blvd.)	-	-	-	-	-	-	-	-	-	-
Route 50 / Everfield Roundabout	-	-	-	-	-	-	1,015	1,015	6,985	8,000

Route 50 Intersection Improvements	-	645	4,820	-	-	-	3,707	9,172	-	9,172
Route 50 North Collector Rd. (Air & Space Museum Pkwy. to Tall Cedars Pk	-	-	-	-	5,150	-	22,350	27,500	68,735	96,235
Route 50 North Collector Rd. (Tall Cedars Pkwy. to Loudoun County Pkwy.)	-	-	-	-	-	-	-	-	85,900	85,900
Route 50 / Loudoun County Pkwy. Interchange	-	-	-	-	-	-	-	-	500,000	500,000
Route 50 / Trailhead Dr. Roundabout	-	-	2,215	6,355	-	-	-	8,570	-	8,570
Ryan Rd. (Evergreen Mills Rd. to Northstar Blvd.)	-	-	-	-	-	-	2,000	2,000	20,800	22,800
Seneca Ridge Dr. (South Cottage Rd. to Augusta Dr.)	-	1,040	-	-	-	-	-	1,040	-	1,040
Shellhorn Rd. (Loudoun County Pkwy. to Randolph Dr.)	8,000	-	19,735	-	-	54,715	92,550	167,000	-	175,000
Sycolin Rd. (Loudoun Center Place to Crosstrail Blvd.)	-	-	-	-	-	2,055	1,370	3,425	10,275	13,700
Trailhead Dr. / Braddock Roundabout	-	-	-	-	-	-	1,015	1,015	6,985	8,000
Waxpool Rd./Loudoun County Pkwy. Intersection Improvements	2,720	3,628	-	-	-	-	-	3,628	-	6,348
Westwind Dr. (Loudoun Co Pkwy to Old Ox Rd)	-	8,830	5,000	8,700	20,135	9,436	-	52,101	-	52,101
Total Cost	138,136	154,037	238,954	144,121	116,159	135,309	234,690	1,023,269	1,273,190	2,434,595
Funding Source										
Local Tax Funding	2,689	10,203	600	-	-	-	-	10,803	-	13,492
Local Tax Funding - Roads	18,546	12,748	12,096	17,070	17,260	18,650	18,770	96,594	-	115,140
Fund Balance	10,861	1,050	-	-	-	-	-	1,050	-	11,911
General Obligation Bonds	15,080	36,560	15,470	56,570	37,970	75,660	60,810	283,040	1,208,193	1,506,313
Lease Revenue Financing	30,000	-	-	700	15,450	-	1,277	17,427	-	47,427
Proffers (Cash)	5,320	2,064	7,243	4,166	3,369	-	-	16,841	-	22,161
Revenue Sharing	15,450	4,673	5,000	5,000	5,000	5,000	5,000	29,673	800	45,923
NVTA 70%	19,500	68,381	157,035	54,000	-	-	11,899	291,315	-	310,815
NVTA 30%	19,005	10,969	12,605	4,420	4,880	5,600	3,070	41,544	-	60,549
Smart Scale	1,685	2,277	-	2,195	32,230	30,399	133,864	200,965	64,197	266,847
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	-	1,821	3,905	-	-	-	-	5,726	-	5,726
CMAQ	-	3,291	-	-	-	-	-	3,291	-	3,291
Total Financing	138,136	154,037	238,954	144,121	116,159	135,309	234,690	1,023,269	1,273,190	2,434,595

Capital Improvement Program
Regional Road Maps


267
7
50
28
DULLES INTERNATIONAL AIRPORT
PRINCE WILLIAM COUNTY, VA
FAIRFAX COUNTY, VA
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-059
0 3,600 7,200 10,800
Feet


FREDERICK
COUNTY, MD
MONTGOMERY
COUNTY, MD
LEESBURG
TAYLORSTOWN RD
LOYALTY RD
15
JAMES MONROE HWY
KING ST
EDWARDS FERRY RD
CATOCTIN CIR
PLAZA ST
LEESBURG BYP
FORT EVANS RD
RIVER CREEK PKWY
MARKET ST
TRAILVIEW BLVD
BATTLEFIELD PKWY
KINCAID BLVD
MILLER DR
DULLES GREENWAY
SYCOLIN RD
CROSSTRAIL BLVD
COCHRAN MILL RD
7
BELMONT RIDGE RD
HARRY BYRD HWY
RIVERSIDE PKWY
CLAIBORNE PKWY
ASHBURN RD
GLOUCESTER PKWY
BLESSPARK DR
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-008
0 3,100 6,200 9,300
Feet


LOVETTSVILLE
IRISH CORNER RD
BERLIN PIKE
BROAD WAY
LOVETTSVILLE RD
TAYLORSTOWN RD
MOUNTAIN RD
HARPERS FERRY RD
BERLIN TPKE
LOYALTY RD
HILLSBORO
STONY POINT RD
287
WOODGROVE RD
HIGH ST
CLARKES GAP RD
HAMILTON STATION RD
CHARLES TOWN PIKE
HILLSBORO RD
PURCELLVILLE
ROUND HILL
7
HARRY BYRD HWY
EVENING STAR DR
LOUDOUN ST
MAIN ST
21ST ST
32ND ST
A ST
W.T. DRUHAN JR BLVD
COLONIAL HWY
HAMILTON
LEESBURG
KING ST
MARKET ST
CATOCTIN CIR
LEESBURG BYP
HARMONY CHURCH RD
BATTLEFIELD PKWY
JAMES MONROE HWY
EVERGREEN MILLS RD
DULLES GREENWAY
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-009
0 3,100 6,200 9,300
Feet

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Capital Improvement Program
Roads

Arcola Boulevard – Route 50 to Route 606

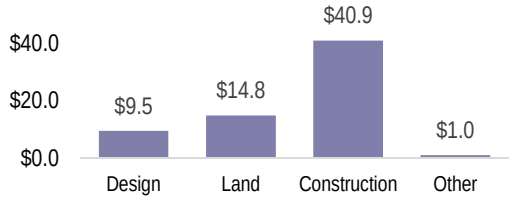
Details:

Project Number: C02182
Election District: Blue Ridge
Length: 1.7 miles
Project Type: New roadway
Estimated Completion Year: FY 2026
Referendum: November 2019

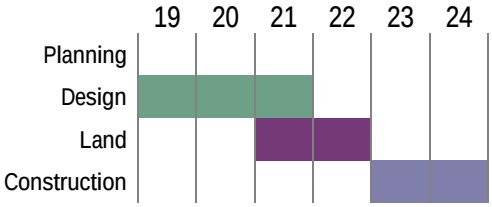
Background:

This project provides for the planning, design, right-of-way acquisition, and construction of a major collector roadway between Route 50 and Old Ox Road (Route 606). This project combines two projects from the FY 2018 CIP: Route 50 to Dulles West and Dulles West to Route 606. The Route 50 to Dulles West segment is prioritized within the current scope of this project. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way, and intersection improvements at the Route 50 intersection.

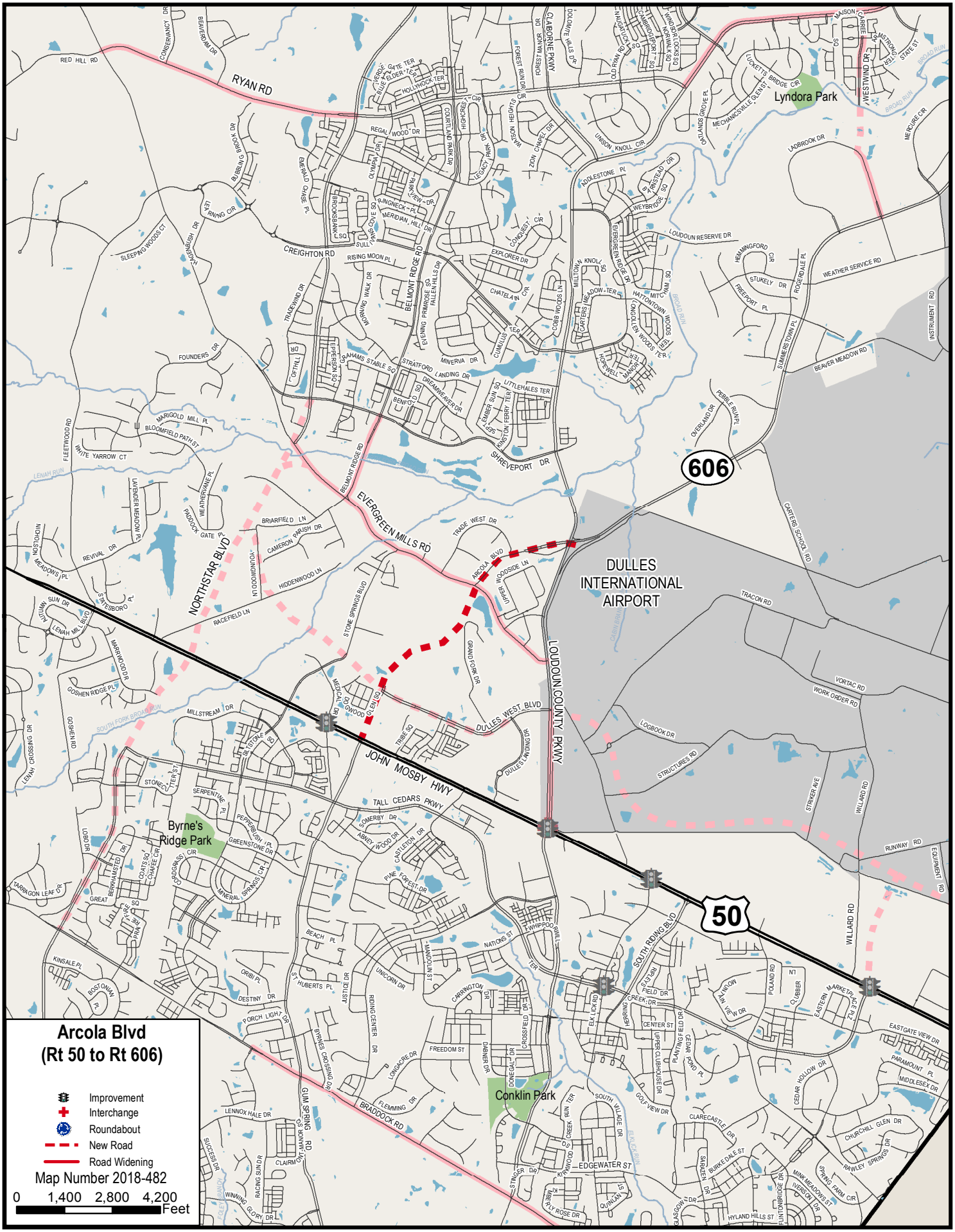
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	1,685	6,968	-	-	-	-	-	6,968	-	8,653
Land	-	-	2,630	12,195	-	-	-	14,825	-	14,825
Construction	-	-	-	-	28,955	11,897	-	40,852	-	40,852
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	1,000	-	1,000	-	1,000
Total Cost	1,685	6,968	2,630	12,195	28,955	12,897	-	63,645	-	65,330
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	6,593	2,630	10,000	12,000	1,000	-	32,223	-	32,223
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	375	-	-	-	-	-	375	-	375
Revenue Sharing	-	-	-	-	5,000	-	-	5,000	-	5,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	1,685	-	-	2,195	11,955	11,897	-	26,047	-	27,732
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	1,685	6,968	2,630	12,195	28,955	12,897	-	63,645	-	65,330


Arcola Blvd
(Rt 50 to Rt 606)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-482
0 1,400 2,800 4,200
Feet
RYAN RD
CREIGHTON RD
BELMONT RIDGE RD
EVERGREEN MILLS RD
NORTHSTAR BLVD
BEAVERDAM DR
CONSERVANCY DR
RED HILL RD
BUBBLING BROOK DR
SLEEPING WOODS CT
PADDOCK GATE PL
FOUNDERS DR
FLEETWOOD RD
WHITE YARROW CT
MARIGOLD MILL PL
BLOOMFIELD PATH ST
LENAH RUN
LAVENDER MEADOW PL
WEATHERVANE PL
REVIVAL DR
NOSTOHOIN MEADOWS PL
SUN DR
SPATESBORO PL
LENAH MILL BLVD
MARIWOOD DR
GOSHEN RIDGE PL
GOSHEN RD
LENAH CROSSING DR
SOUTH FORK BROAD RUN
MILLSTREAM DR
STONECUTTER ST
SERPENTINE PL
PEPPERBUSH PL
GREENSTONE DR
CRAGGRASS CIR
MINERAL SPRINGS CIR
COATS SQ
CAMFEE GIRL
BERKMANS ED DR
GREAT SQ
TARRAGON LEAF DR
LOBO DR
KINSALE PL
BOSTONIAN PL
ORIBI PL
DESTINY DR
PORCH LIGHT DR
LENNOX HALE DR
SUCCESS DR
RACING SUN DR
WINNING GLORY DR
CLAIRMONT RD
GUM SPRING RD
BRADDOCK RD
FLEMMING DR
LONGACRE DR
BYRNES CROSSING DR
FREEDOM ST
RIDING CENTER DR
JUSTICE DR
UNICORN DR
ST HUBERTS PL
BEACH PL
NATIONS ST
MANDOLIN ST
CARRINGTON DR
DONEGAL DR
DARNER DR
CROSSFIELD DR
Conklin Park
Byrne's Ridge Park
JOHN MOSBY HWY
TALL CEDARS PKWY
SOMERBY DR
ABNEY WOOD DR
CASTLETON DR
PINE FOREST DR
SOUTH RIDING BLVD
ELK LICK RD
HERRING CREEK DR
CENTER ST
UPPER CLUBHOUSE DR
PLANTING FIELD DR
OAK POND PL
GOLF VIEW DR
SOUTH VILLAGE DR
RUN TER
CREEK TER
KINGWOOD ST
EDGEWATER ST
STINGER DR
MERRY ROSE DR
QUINLAN ST
GLASGOW DR
HYLAND HILLS ST
BURKEDALE ST
SARAVEN DR
CLARECASTLE DR
CHURCHILL GLEN DR
RAWLEY SPRINGS DR
SPRING FARM CIR
MINK MEADOWS ST
INVERSION DR
HUNTSBRIDGE DR
CLABBER
POLAND RD
MOUNT VIEW DR
MARKETPLACE PLZ
EASTERN
EASTGATE VIEW DR
PARAMOUNT PL
MIDDLESEX DR
CEDAR HOLLOW DR
DULLES INTERNATIONAL AIRPORT
LOUDOUN COUNTY PKWY
DULLES WEST BLVD
DULLES CENTRE PKWY
ARCOLA BLVD
TRADE WEST DR
WOODSIDE LN
GRAND FORK DR
STONE SPRINGS BLVD
MEDICINE DR
GOLDEN GLEN CT
TRIBE SQ
DULLES CROSSING DR
RACEFIELD LN
HIDDENWOOD LN
CAMERON PARISH DR
BRIARFIELD LN
TRACON RD
VORTAC RD
WORK ORDER RD
LOGBOOK DR
STRUCTURES RD
STRIKER AVE
WILLARD RD
RUNWAY RD
EQUIPMENT RD
CARTERS SCHOOL RD
BEAVER MEADOW RD
INSTRUMENT RD
SUMMERSTOWN PL
STUKELY DR
FREEPORT PL
RIDGEDALE PL
WEATHER SERVICE RD
HEMMINGFORD CIR
LOUDOUN RESERVE DR
LADBROOK DR
MERCURE CIR
BROAD RUN
Lyndora Park
WESTWIND DR
ARMSTRONG TER
STATE ST
MASON CIR
MECHANICSVILLE TURNPIKE
OAKLANDS GROVE PL
LUCKETTS BRIDGE CIR
UNISON KNOLL CIR
ZION CHAPEL DR
OLD RYAN RD
CAMBRIDGEPORT SQ
WINDLOCK WALK SQ
NIGHTLOCK SQ
DOUGLASTON DR
CLAIBORNE PKWY
FOREST MANOR DR
FOREST RUN DR
WATSON HEIGHTS CIR
LEGACY PARK DR
HIGHCREST CIR
COURTLAND PARK DR
REGAL WOOD DR
HOLLYHOCK TER
CEDAR GATE TER
ELDER TER
BLUE SAGE TER
EMERALD CHASE PL
BROOKSBANK SQ
OLIVIA DR
HENRY DR
RINGNECK PL
MERIDIAN HILL DR
SQUIRE SQ
SULLY WAY
IRVING CIR
CONQUEST CIR
EXPLORER DR
RISING MOON PL
MORNING WALK DR
TRADEWIND DR
FALLEN HILLS DR
EVENING PRIMROSE SQ
CHATELAIN CIR
CUMULUS TER
COBB WOODS LN
MILLTOWN KNOLL SQ
CARTERS MEADOW TER
EVERGREEN RIDGE DR
WEYBRIDGE SQ
PRISTEAD DR
ADDLESTONE PL
HATTONTOWN WOODS TER
HOPEWELL MANOR TER
MITCHAM SQ
MINERVA DR
STRATFORD LANDING DR
DREAMRIDER DR
BAHAMS STABLE SQ
BENFORD SQ
EPPERSON DR
CAPTHILL DR
LITTLEHALES TER
EMBER SUN SQ
KINGSTON FERRY TER
SHREVEPORT DR
OVERLAND DR
PEBBLE RUN PL
606
50

Belmont Ridge Road – Shreveport Drive to Evergreen Mills Road

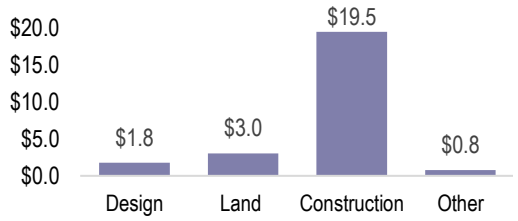
Details

Project Number: n/a
Election District: Blue Ridge
Length: 0.5 miles
Project Type: Widening and intersection improvements
Estimated Completion Year: FY 2027
Referendum: November 2022

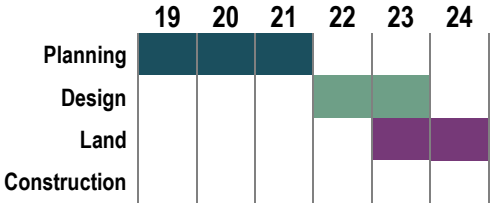
Background

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

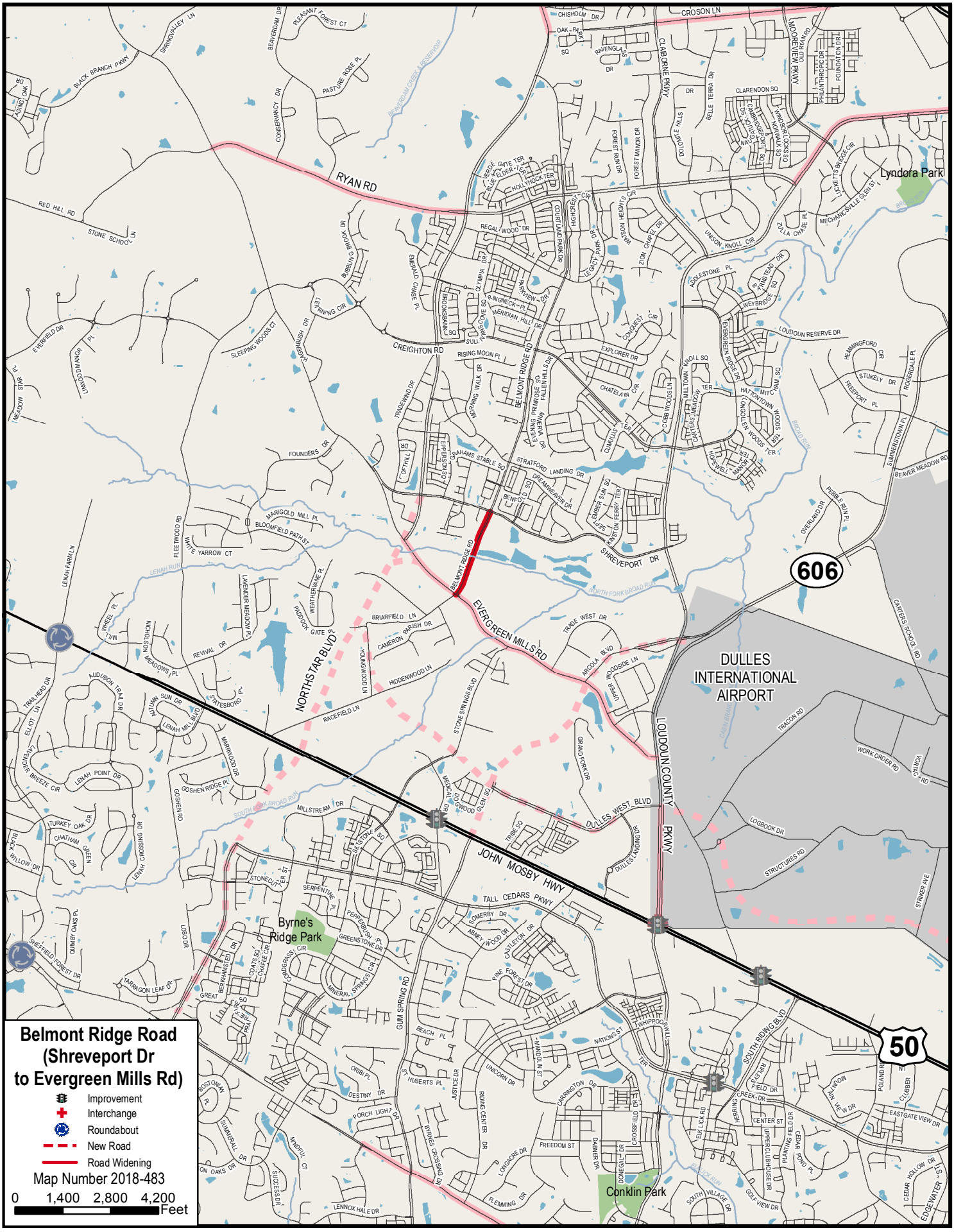
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	1,755	-	-	1,755	-	1,755
Land	-	-	-	-	-	3,045	-	3,045	-	3,045
Construction	-	-	-	-	-	-	19,474	19,474	-	19,474
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	800	800	-	800
Total Cost	**-**	**-**	**-**	**-**	**1,755**	**3,045**	**20,274**	**25,074**	**-**	**25,074**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	1,755	3,045	1,490	6,290	-	6,290
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,685	1,685	-	1,685
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	11,899	11,899	-	11,899
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	5,200	5,200	-	5,200
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**1,755**	**3,045**	**20,274**	**25,074**	**-**	**25,074**


Belmont Ridge Road
(Shreveport Dr
to Evergreen Mills Rd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-483
0 1,400 2,800 4,200
Feet
RYAN RD
CREIGHTON RD
BELMONT RIDGE RD
SHREVEPORT DR
EVERGREEN MILLS RD
NORTHSTAR BLVD
JOHN MOSBY HWY
DULLES WEST BLVD
LOUDOUN COUNTY PKWY
GUM SPRING RD
SOUTH RIDING BLVD
CROSON LN
CLAIBORNE PKWY
LOUDOUN RESERVE DR
BEAVER MEADOW RD
TALL CEDARS PKWY
DULLES INTERNATIONAL AIRPORT
Byrne's Ridge Park
Conklin Park
Lyndora Park
606
50

Belmont Ridge Road – Truro Parish Drive to Croson Lane

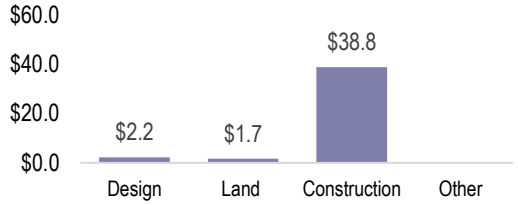
Details

Project Number: C02043
Election District: Blue Ridge, Broad Run
Length: 1.5 miles
Project Type: Widening
Estimated Completion Year: FY 2023
Referendum: November 2016

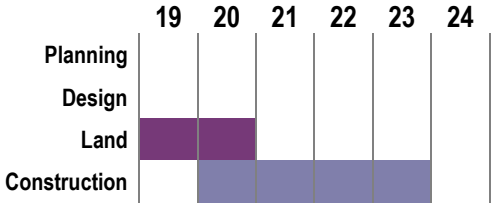
Background

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

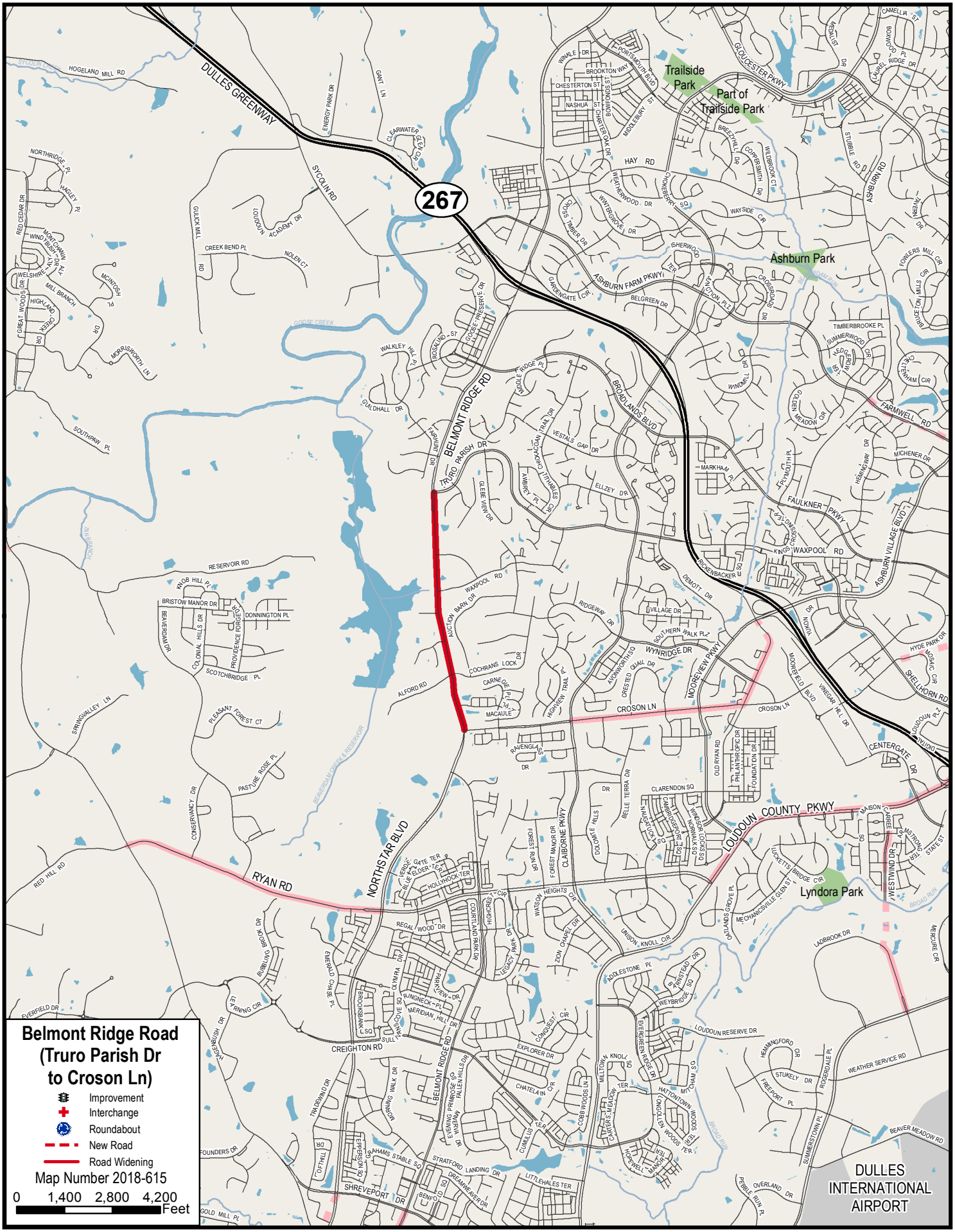
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	2,230	-	-	-	-	-	-	-	-	2,230
Land	1,700	-	-	-	-	-	-	-	-	1,700
Construction	34,133	4,673	-	-	-	-	-	4,673	-	38,806
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**38,063**	**4,673**	**-**	**-**	**-**	**-**	**-**	**4,673**	**-**	**42,736**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	13,800	-	-	-	-	-	-	-	-	13,800
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	1,080	-	-	-	-	-	-	-	-	1,080
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	1,283	-	-	-	-	-	-	-	-	1,283
Revenue Sharing	-	4,673	-	-	-	-	-	4,673	-	4,673
NVTA 70%	19,500	-	-	-	-	-	-	-	-	19,500
NVTA 30%	2,400	-	-	-	-	-	-	-	-	2,400
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**38,063**	**4,673**	**-**	**-**	**-**	**-**	**-**	**4,673**	**-**	**42,736**


Belmont Ridge Road
(Truro Parish Dr
to Croson Ln)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-615
0 1,400 2,800 4,200
Feet
DULLES GREENWAY
267
SYCOLIN RD
HOGELAND MILL RD
BELMONT RIDGE RD
TRURO PARISH DR
HAY RD
ASHBURN FARM PKWY
Ashburn Park
Trailside Park
Part of Trailside Park
GLOUCESTER PKWY
ASHBURN RD
FARMWELL RD
FAULKNER PKWY
WAXPOOL RD
ASHBURN VILLAGE BLVD
BROADLANDS BLVD
WYNRIDGE DR
MOOREFIELD BLVD
CROSON LN
LOUDOUN COUNTY PKWY
RYAN RD
NORTHSTAR BLVD
CLAIBORNE PKWY
CREIGHTON RD
Lyndora Park
DULLES INTERNATIONAL AIRPORT

Braddock Road – Bull Run Post Office Rd. to Fairfax County Line

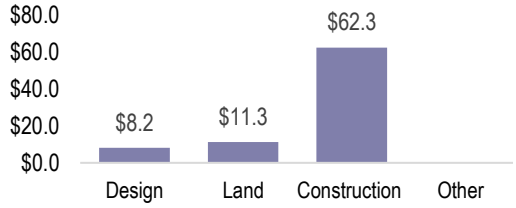
Details

Project Number: TBD
Election District: Dulles
Length: 1.0 mile
Project Type: Widening
Estimated Completion Year: TBD
Referendum: TBD

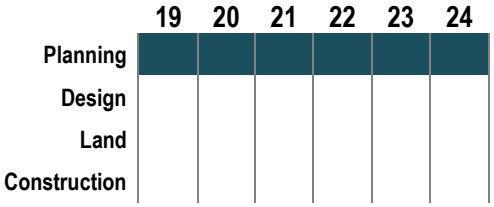
Background

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

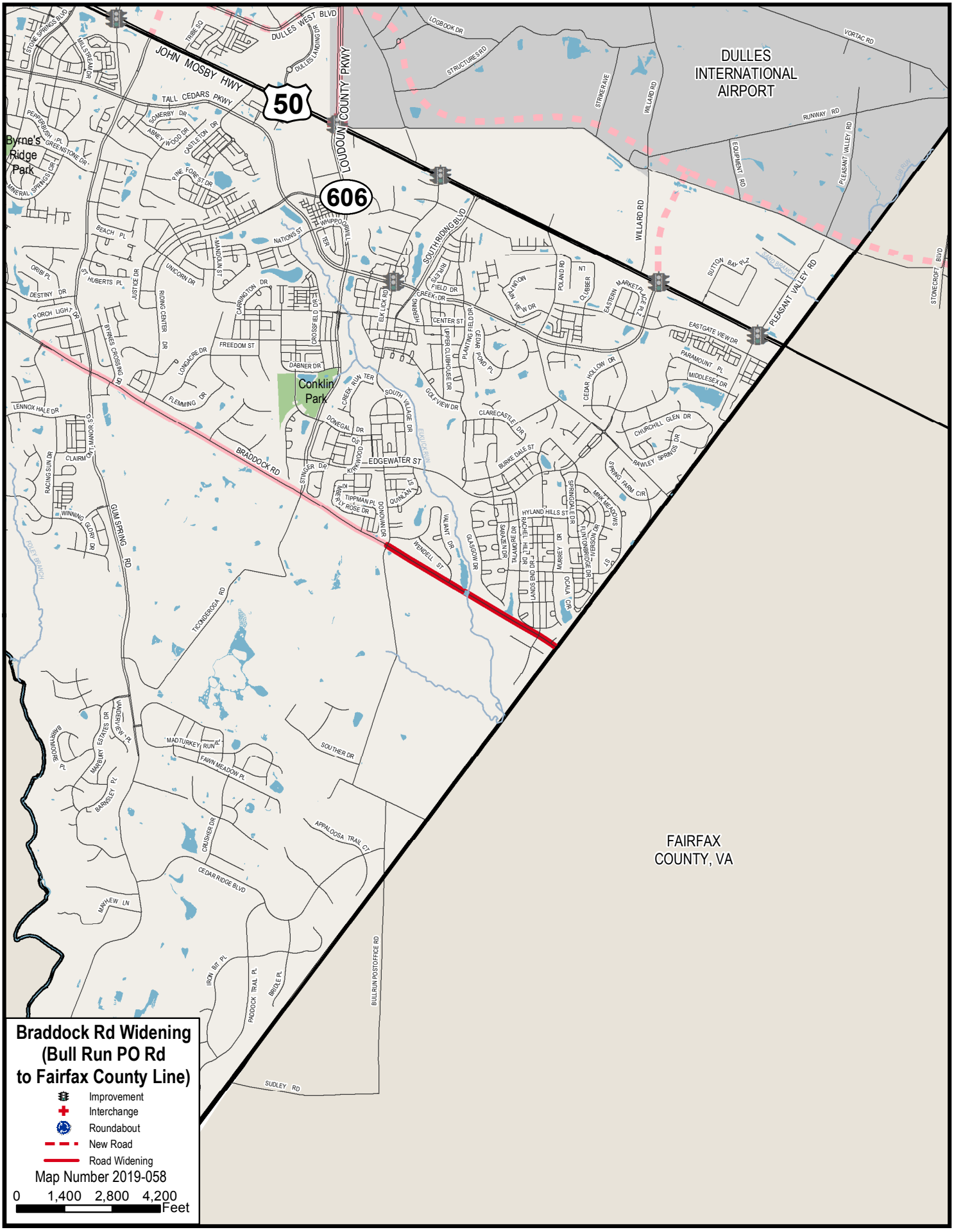
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	8,160	8,160
Land	-	-	-	-	-	-	-	-	11,300	11,300
Construction	-	-	-	-	-	-	-	-	62,340	62,340
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**81,800**	**81,800**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	81,800	81,800
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**81,800**	**81,800**


JOHN MOSBY HWY
50
606
LOUDOUN COUNTY PKWY
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
Byrne's Ridge Park
Conklin Park
BRADDOCK RD
GUM SPRING RD
SOUTHRIDING BLVD
WILLARD RD
PLEASANT VALLEY RD
EDGEWATER ST
DULLES WEST BLVD
TALL CEDARS PKWY
Braddock Rd Widening (Bull Run PO Rd to Fairfax County Line)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-058
0 1,400 2,800 4,200 Feet

Braddock Road – Paul VI Eastern Entrance to Bull Run Post Office Rd.

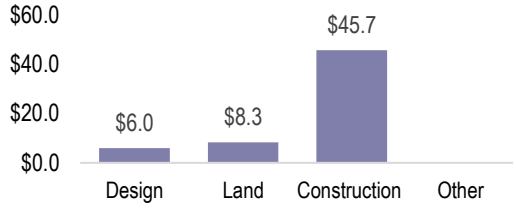
Details

Project Number: TBD
Election District: Dulles
Length: 1.0 mile
Project Type: Widening
Estimated Completion Year: TBD
Referendum: TBD

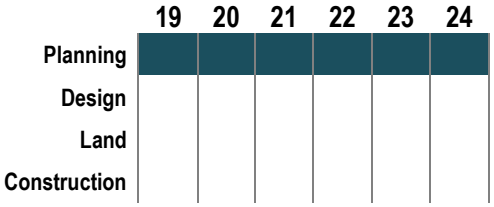
Background

This project provides for the planning, design, right-of-way acquisition, and construction to widen Braddock Road (Route 620) to four lanes between the Eastern Entrance of the Paul VI high school and Bull Run Post Office Road. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way.

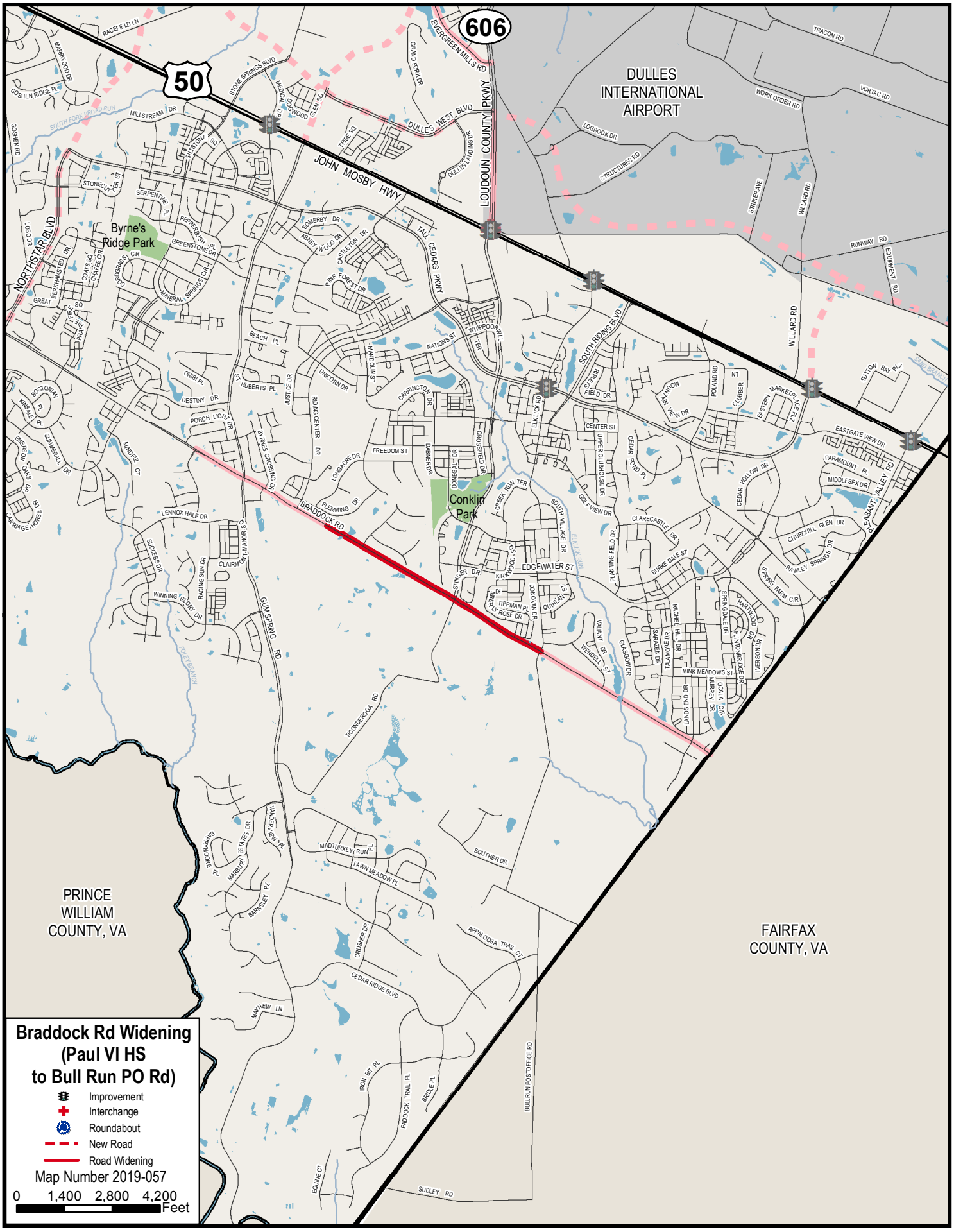
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	6,000	6,000
Land	-	-	-	-	-	-	-	-	8,300	8,300
Construction	-	-	-	-	-	-	-	-	45,700	45,700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**60,000**	**60,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Road	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	60,000	60,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**60,000**	**60,000**


606
50
DULLES INTERNATIONAL AIRPORT
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
DULLES WEST BLVD
EVERGREEN MILLS RD
STONE SPRINGS BLVD
NORTHSTAR BLVD
Byrne's Ridge Park
Conklin Park
BRADDOCK RD
GUM SPRING RD
SOUTH RIDING BLVD
WILLARD RD
EDGEWATER ST
PRINCE WILLIAM COUNTY, VA
FAIRFAX COUNTY, VA
Braddock Rd Widening (Paul VI HS to Bull Run PO Rd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-057
0 1,400 2,800 4,200
Feet

Braddock Road – Royal Hunter Drive to Paul VI East Entrance

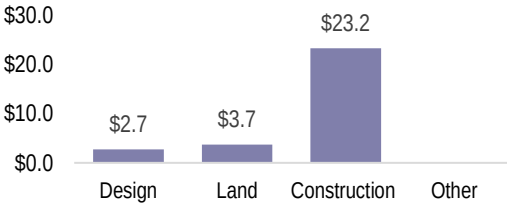
Details

Project Number: C02263
Election District: Blue Ridge and Dulles
Length: 4,500 feet
Project Type: Widening
Estimated Completion Year: FY 2024
Referendum: November 2018

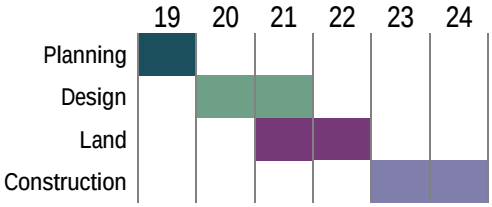
Background

This project provides for the planning, design, right-of-way acquisition, and widening of a major collector roadway between Royal Hunter Drive and the eastern entrance to Paul VI high school. The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way.

Phase Costs in Millions

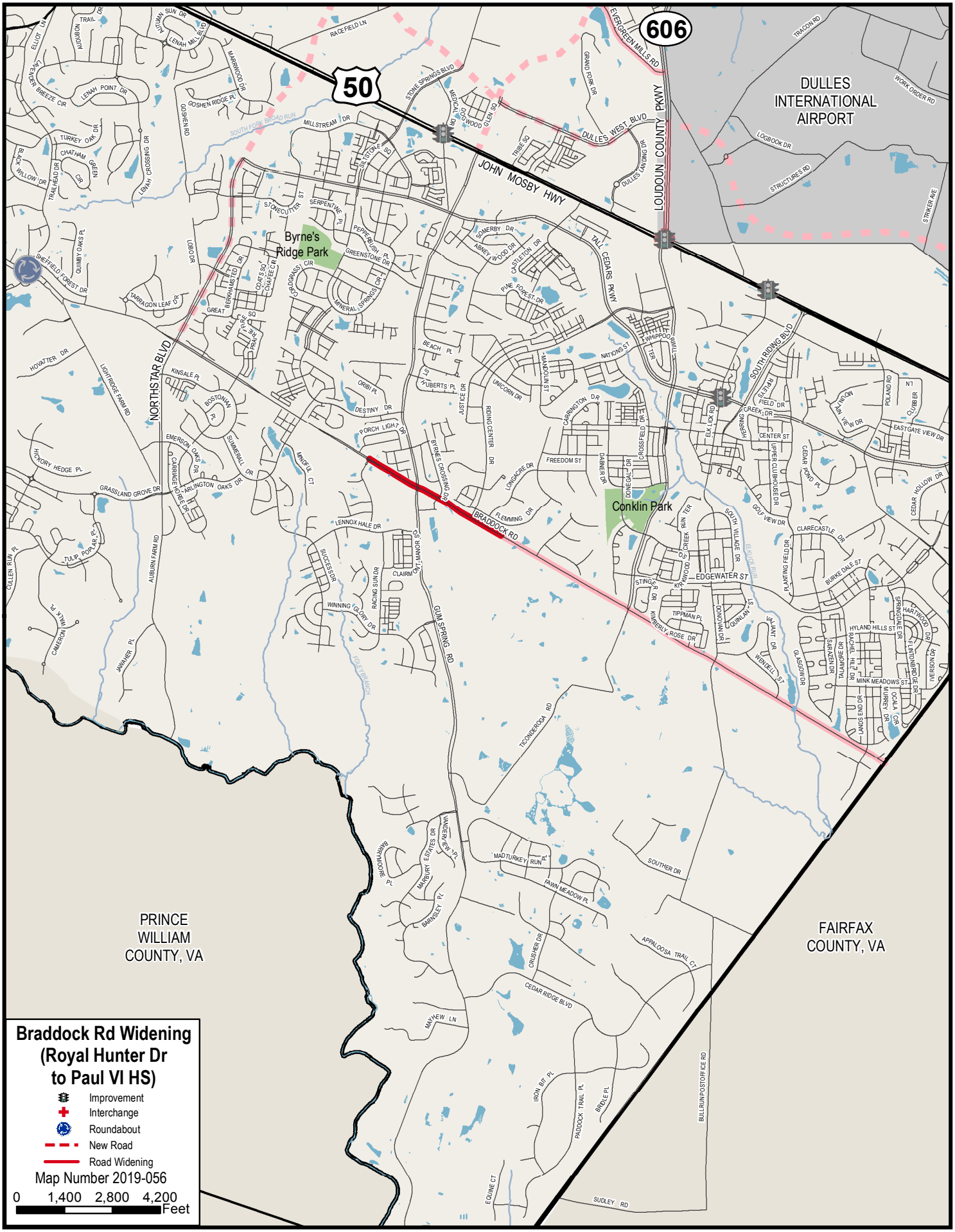


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	2,000	700	-	-	-	2,700	-	2,700
Land	-	-	-	3,700	-	-	-	3,700	-	3,700
Construction	-	-	-	3,600	19,605	-	-	23,205	-	23,205
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	-	-	2,000	8,000	19,605	-	-	29,605	-	29,605
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	220	140	2,805	-	-	3,165	-	3,165
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	5,660	-	-	-	5,660	-	5,660
Lease Revenue Financing	-	-	-	700	15,450	-	-	16,150	-	16,150
Proffers (Cash)	-	-	1,000	1,500	-	-	-	2,500	-	2,500
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	1,350	-	-	1,350	-	1,350
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	780	-	-	-	-	780	-	780
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	-	-	2,000	8,000	19,605	-	-	29,605	-	29,605

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	638	1,373	2,130	4,140
Total Impact	-	-	-	638	1,373	2,130	4,140

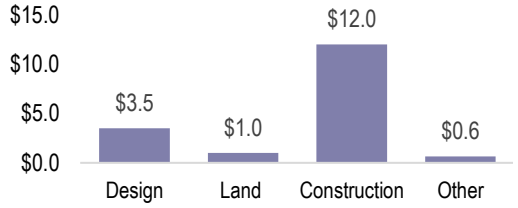

606
50
DULLES INTERNATIONAL AIRPORT
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
EVERGREEN MILLS RD
DULLES WEST BLVD
Byrne's Ridge Park
NORTHSTAR BLVD
BRADDOCK RD
Conklin Park
SOUTH RIDING BLVD
EDGEWATER ST
GUM SPRING RD
TICONDEROGA RD
PRINCE WILLIAM COUNTY, VA
FAIRFAX COUNTY, VA
Braddock Rd Widening (Royal Hunter Dr to Paul VI HS)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-056
0 1,400 2,800 4,200 Feet

Croson Lane – Claiborne Parkway to Old Ryan Road

Details:

Project Number: TBD
Election District: Broad Run, Dulles
Length: 0.8 miles
Project Type: Widening
Estimated Completion Fiscal Year: 2025
Referendum: November 2019

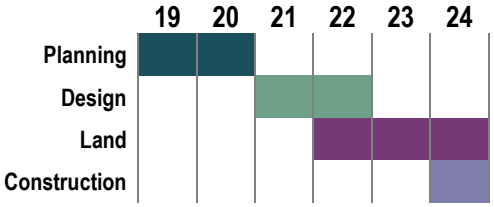
Phase Costs in Millions



Background:

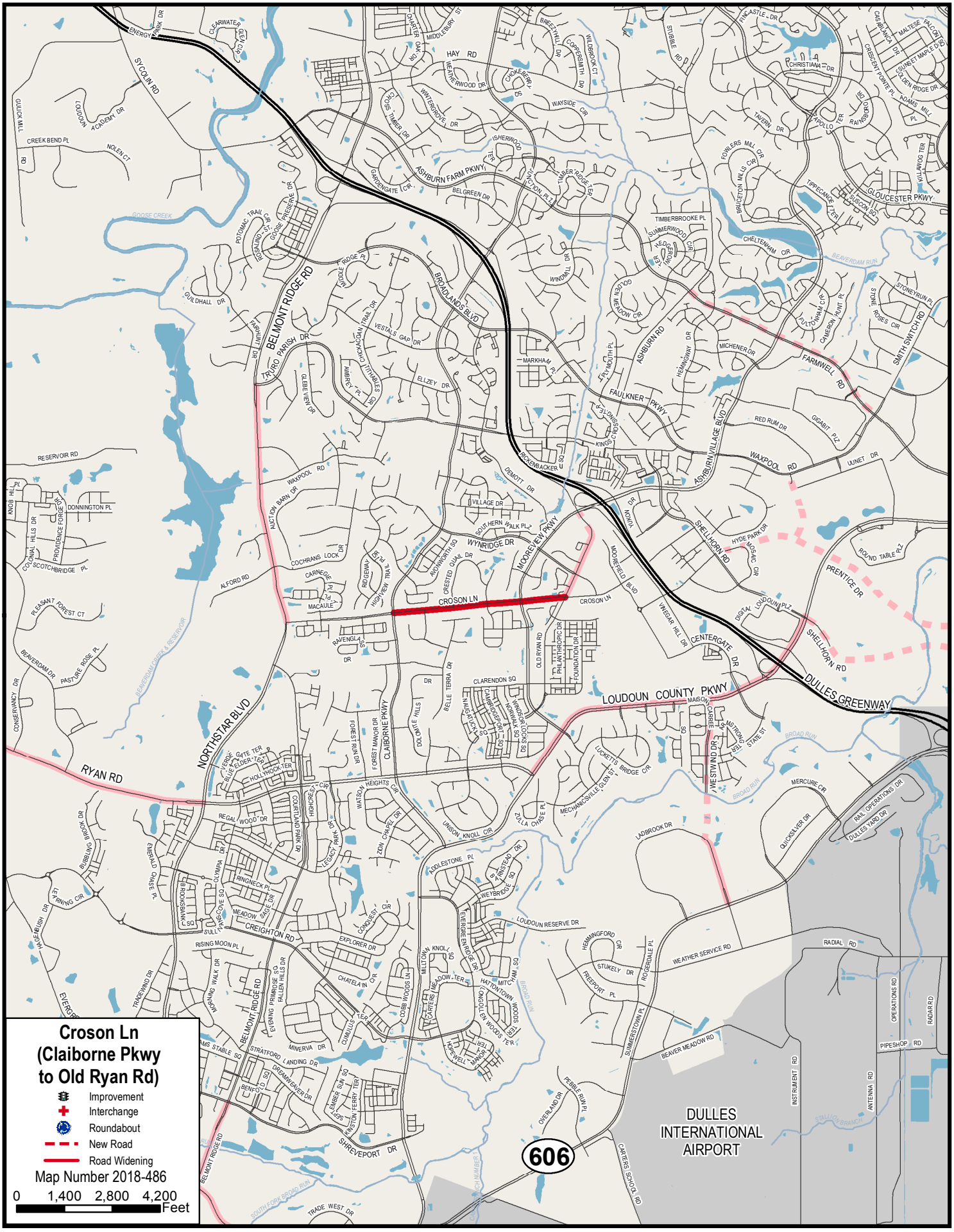
This project provides for the planning, design, right-of-way acquisition, and construction to widen Croson Lane (Route 645) to four lanes between Claiborne Parkway (Route 901) and Old Ryan Road (Route 722). The project entails the construction of a four-lane, median-divided roadway within a 120-foot right-of-way.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	1,741	1,770	-	-	3,511	-	3,511
Land	-	-	-	-	1,000	-	-	1,000	-	1,000
Construction	-	-	-	-	-	-	12,000	12,000	-	12,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	640	-	-	-	640	-	640
Total Cost	**-**	**-**	**-**	**2,381**	**2,770**	**-**	**12,000**	**17,151**	**-**	**17,151**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	640	-	-	-	640	-	640
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	2,770	-	12,000	14,770	-	14,770
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	1,741	-	-	-	1,741	-	1,741
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**2,381**	**2,770**	**-**	**12,000**	**17,151**	**-**	**17,151**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	279	272	550
Total Impact	**-**	**-**	**-**	**-**	**279**	**272**	**550**


Croson Ln
(Claiborne Pkwy
to Old Ryan Rd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-486
0 1,400 2,800 4,200
Feet
606
DULLES
INTERNATIONAL
AIRPORT
CROSON LN
LOUDOUN COUNTY PKWY
DULLES GREENWAY
RYAN RD
NORTHSTAR BLVD
BELMONT RIDGE RD
ASHBURN FARM PKWY
BELMONT RIDGE RD
ASHBURN VILLAGE BLVD
FARMWELL RD
WAXPOOL RD
CENTERGATE DR
SHELLHORN RD
CLAIBORNE PKWY
MOOREVIEW PKWY
WYNRIDGE DR
CREIGHTON RD
SHREVEPORT DR
HAY RD
STONE RIDGE DR
GLOUCESTER PKWY
SMITH SWITCH RD
PRENTICE DR
RAIL OPERATIONS DR
DULLES YARD DR
MERCURE CIR
LADBROOK DR
WEATHER SERVICE RD
RADIAL RD
BEAVER MEADOW RD
PIPESHOP RD
OPERATIONS RD
RADAR RD
INSTRUMENT RD
ANTENNA RD
LOUDOUN RESERVE DR
FAULKNER PKWY
TRURO PARISH DR
BROADLANDS BLVD
GOOSE CREEK
BEAVERDAM CREEK & RESERVOIR
BROAD RUN
SOUTH FORK BROAD RUN
TRADE WEST DR
CARTERS SCHOOL RD
OVERLAND DR
PEBBLE RUN PL
STALLION BRANCH

Crosstrail Boulevard – Kincaid Boulevard to Russell Branch Parkway

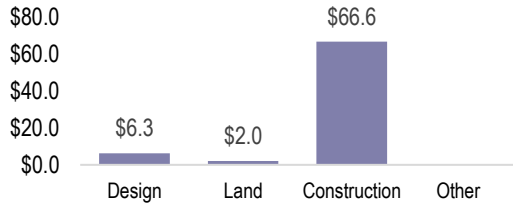
Details

Project Number: C02127
Election District: Catoctin and Leesburg
Length: 1.5 miles
Project Type: New roadway
Estimated Completion Year: FY 2021
Referendum: November 2018

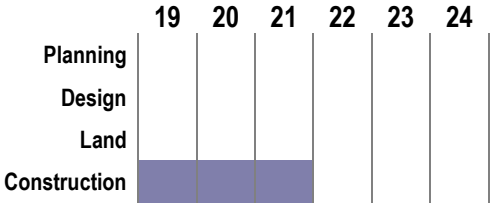
Background

This project provides for the planning, design, right-of-way acquisition, and construction of segments of Crosstrail Boulevard in the vicinity of Philip A. Bolen Memorial Park and the Leesburg Airport. 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.

Phase Costs in Millions

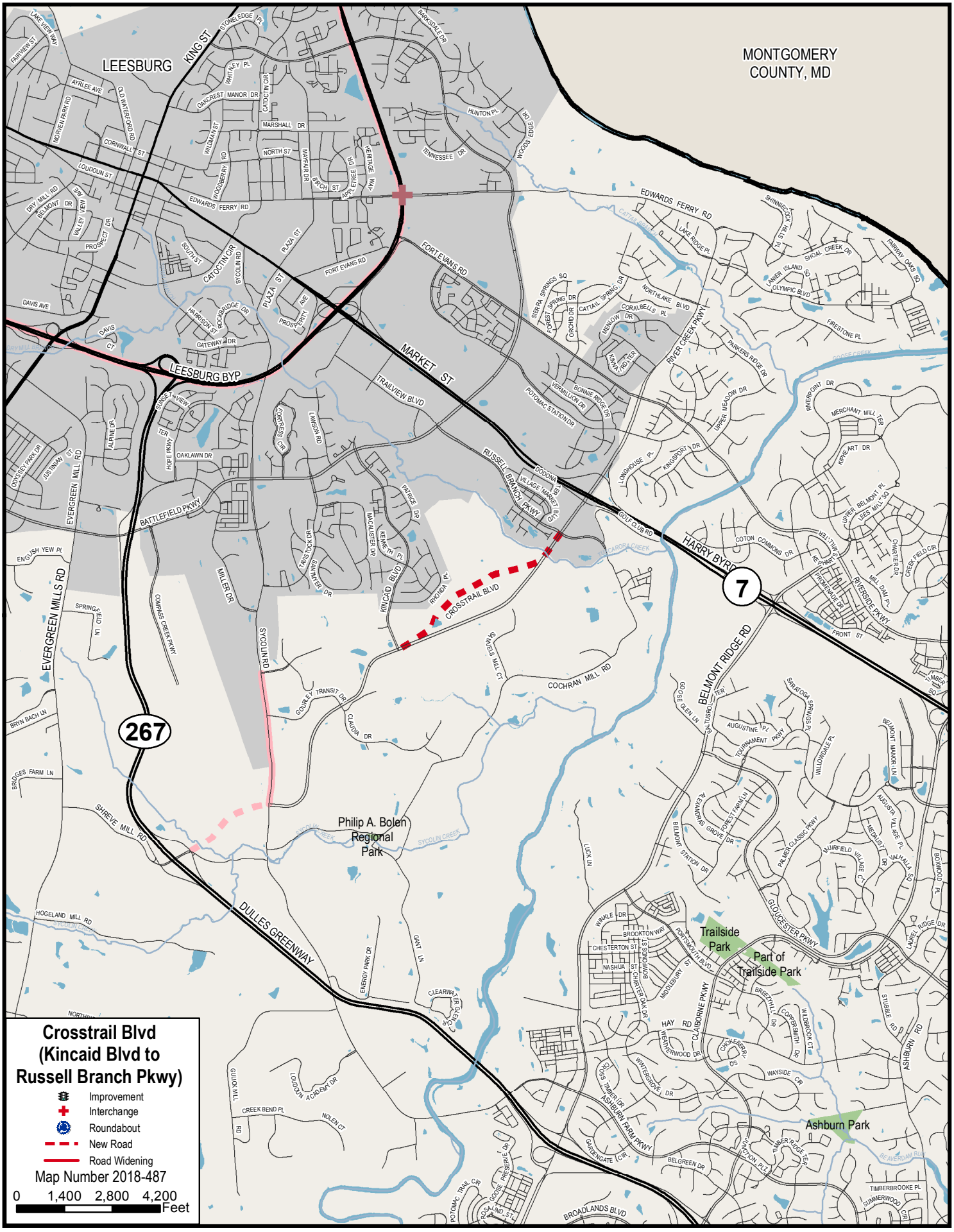


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	6,300	-	-	-	-	-	-	-	-	6,300
Land	2,000	-	-	-	-	-	-	-	-	2,000
Construction	25,000	41,560	-	-	-	-	-	41,560	-	66,560
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**33,300**	**41,560**	**-**	**-**	**-**	**-**	**-**	**41,560**	**-**	**74,860**
Local Tax Funding	2,000	-	-	-	-	-	-	-	-	2,000
Local Tax Funding - Roads	1,300	-	-	-	-	-	-	-	-	1,300
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	36,560	-	-	-	-	-	36,560	-	36,560
Lease Revenue Financing	30,000	-	-	-	-	-	-	-	-	30,000
Proffers (Cash)	-	1,689	-	-	-	-	-	1,689	-	1,689
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	1,490	-	-	-	-	-	1,490	-	1,490
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	1,821	-	-	-	-	-	1,821	-	1,821
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**33,300**	**41,560**	**-**	**-**	**-**	**-**	**-**	**41,560**	**-**	**74,860**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	1,650	3,159	3,079	2,999	10,886
Total Impact	**-**	**-**	**1,650**	**3,159**	**3,079**	**2,999**	**10,886**


LEESBURG
MONTGOMERY COUNTY, MD
KING ST
LEESBURG BYP
MARKET ST
EDWARDS FERRY RD
FORT EVANS RD
TRAILVIEW BLVD
RUSSELL BRANCH PKWY
BATTLEFIELD PKWY
EVERGREEN MILL RD
EVERGREEN MILLS RD
MILLER DR
SYCOLIN RD
CROSSTRAIL BLVD
KINCAID BLVD
GOLF CLUB RD
HARRY BYRD
7
RIVERSIDE PKWY
BELMONT RIDGE RD
COCHRAN MILL RD
RIVER CREEK PKWY
NORTHLAKE BLVD
CATOCTIN CIR
PLAZA ST
DAVIS AVE
GATEWAY DR
HOPE PKWY
OAKLAWN DR
ALPINE DR
JUSTINIAN ST
ODYSSEY PARK DR
ENGLISH YEW PL
SPRINGFIELD LN
COMPASS CREEK PKWY
BRYN BACH LN
BRIDGES FARM LN
SHREVE MILL RD
HOGELAND MILL RD
DULLES GREENWAY
267
Philip A. Bolen Regional Park
Trailside Park
Part of Trailside Park
Ashburn Park
HAY RD
CLAIBORNE PKWY
ASHBURN RD
ASHBURN FARM PKWY
BROADLANDS BLVD
BELGREEN DR
GLOUCESTER PKWY
STABLE RD
SYCOLIN CREEK
GOOSE CREEK
CATOCTIN CREEK
Crosstrail Blvd (Kincaid Blvd to Russell Branch Pkwy)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-487
0 1,400 2,800 4,200
Feet

Crosstrail Boulevard – Sycolin Road to Dulles Greenway

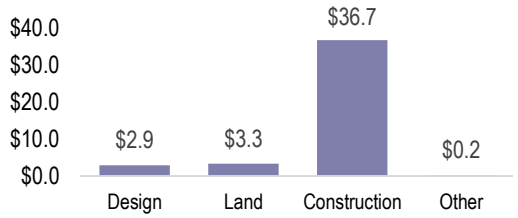
Details

Project Number: TBD
Election District: Catoctin
Length: 3,000 feet
Project Type: New roadway
Estimated Completion Year: FY 2026
Referendum: November 2024

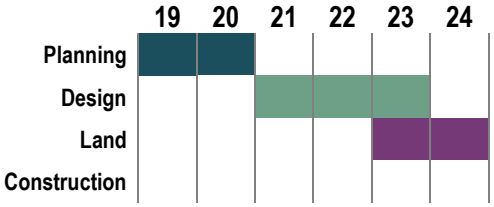
Background

This project provides for the planning, design, right-of-way acquisition, and the construction of a four-lane median divided road between Sycolin Road and the Dulles Greenway. The project also includes a shared use path on both sides of Crosstrail Boulevard. This is the third and final phase of the Crosstrail Boulevard improvements planned by the County.

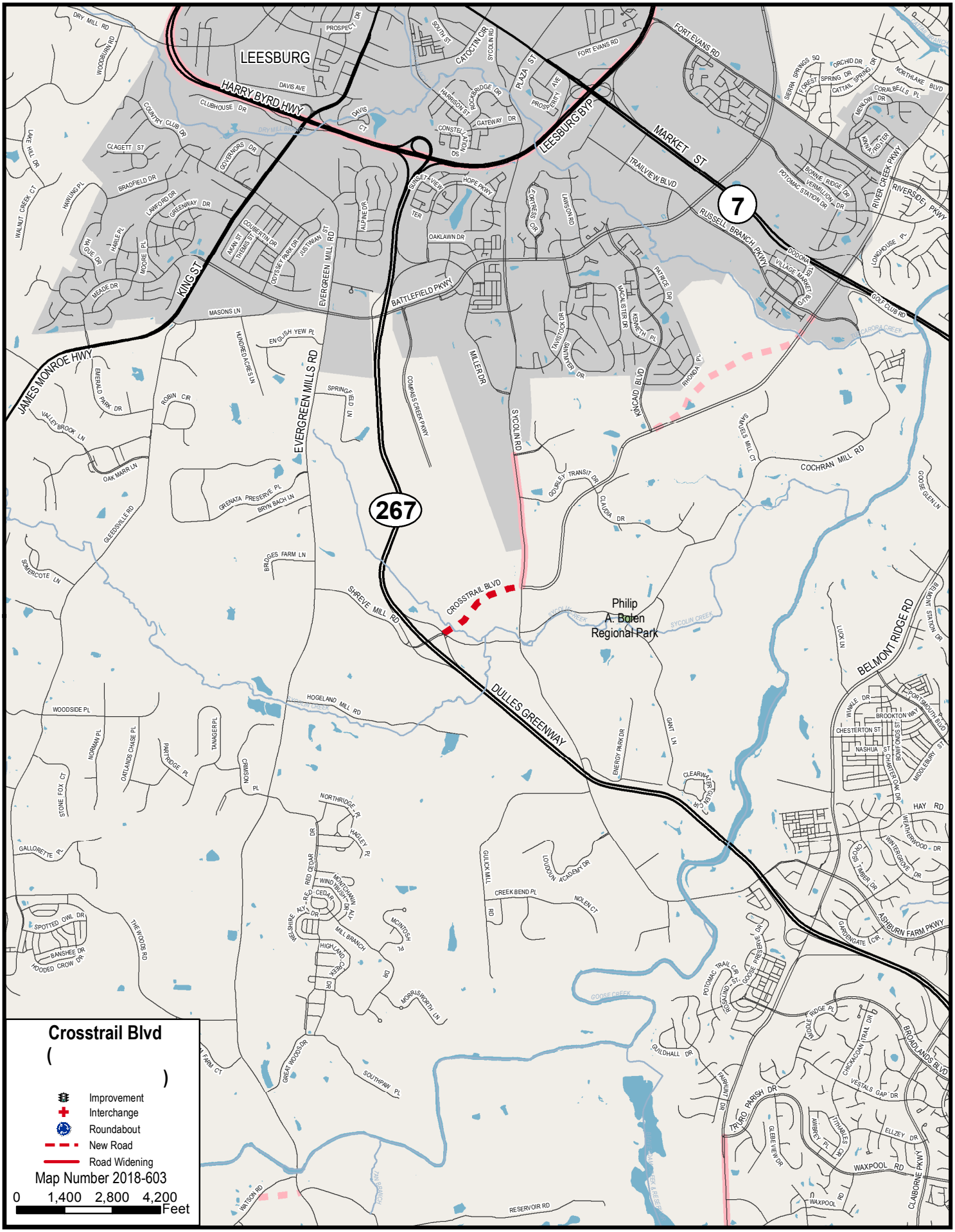
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	2,935	-	-	-	2,935	-	2,935
Land	-	-	-	-	-	3,300	-	3,300	-	3,300
Construction	-	-	-	-	-	-	-	-	36,730	36,730
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	220	-	-	-	220	-	220
Total Cost	**-**	**-**	**-**	**3,155**	**-**	**3,300**	**-**	**6,455**	**36,730**	**43,185**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	3,155	-	3,300	-	6,455	-	6,455
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	36,730	36,730
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**3,155**	**-**	**3,300**	**-**	**6,455**	**36,730**	**43,185**


Crosstrail Blvd
(
)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-603
0 1,400 2,800 4,200
Feet
LEESBURG
HARRY BYRD HWY
LEESBURG BYP
MARKET ST
FORT EVANS RD
TRAILVIEW BLVD
RUSSELL BRANCH PKWY
RIVERSIDE PKWY
RIVER CREEK PKWY
GOLF CLUB RD
7
JAMES MONROE HWY
KING ST
EVERGREEN MILL RD
BATTLEFIELD PKWY
MASONS LN
OAKLAWN DR
HOPE PKWY
MILLER DR
SYCOLIN RD
COMPASS CREEK PKWY
VINCAID BLVD
COCHRAN MILL RD
GOBBLE TRANSIT DR
267
CROSSTRAIL BLVD
SHREVE MILL RD
DULLES GREENWAY
Philip
A. Bolen
Regional Park
BELMONT RIDGE RD
HAY RD
ASHBURN FARM PKWY
HOGELAND MILL RD
GLEEDSVILLE RD
CLAIBORNE PKWY
WAXPOOL RD
TRURO PARISH DR
BROADLANDS BLVD
RESERVOIR RD
WATSON RD
GOOSE CREEK
SYCOLIN CREEK

Davis Drive Bridge

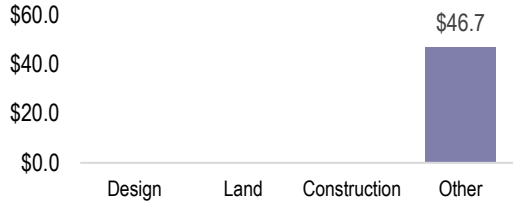
Details

Project Number: TBD
Election District: Broad Run
Length: TBD
Project Type: New bridge/roadway
Estimated Completion Year: TBD
Referendum: n/a

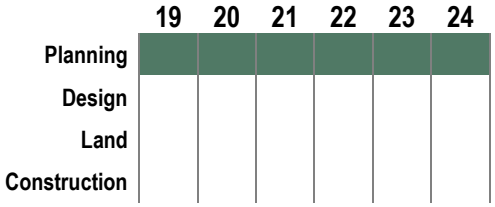
Background

The project shows funding planned for contribution towards the planning, design, right-of-way acquisition, and construction of a new four-lane divided bridge and approaches over the Dulles Toll Road between Sunrise Valley Drive in Fairfax County and Innovation Avenue in Loudoun County. The project is expected to include a sidewalk on one side of the roadway and a shared use path on the other.

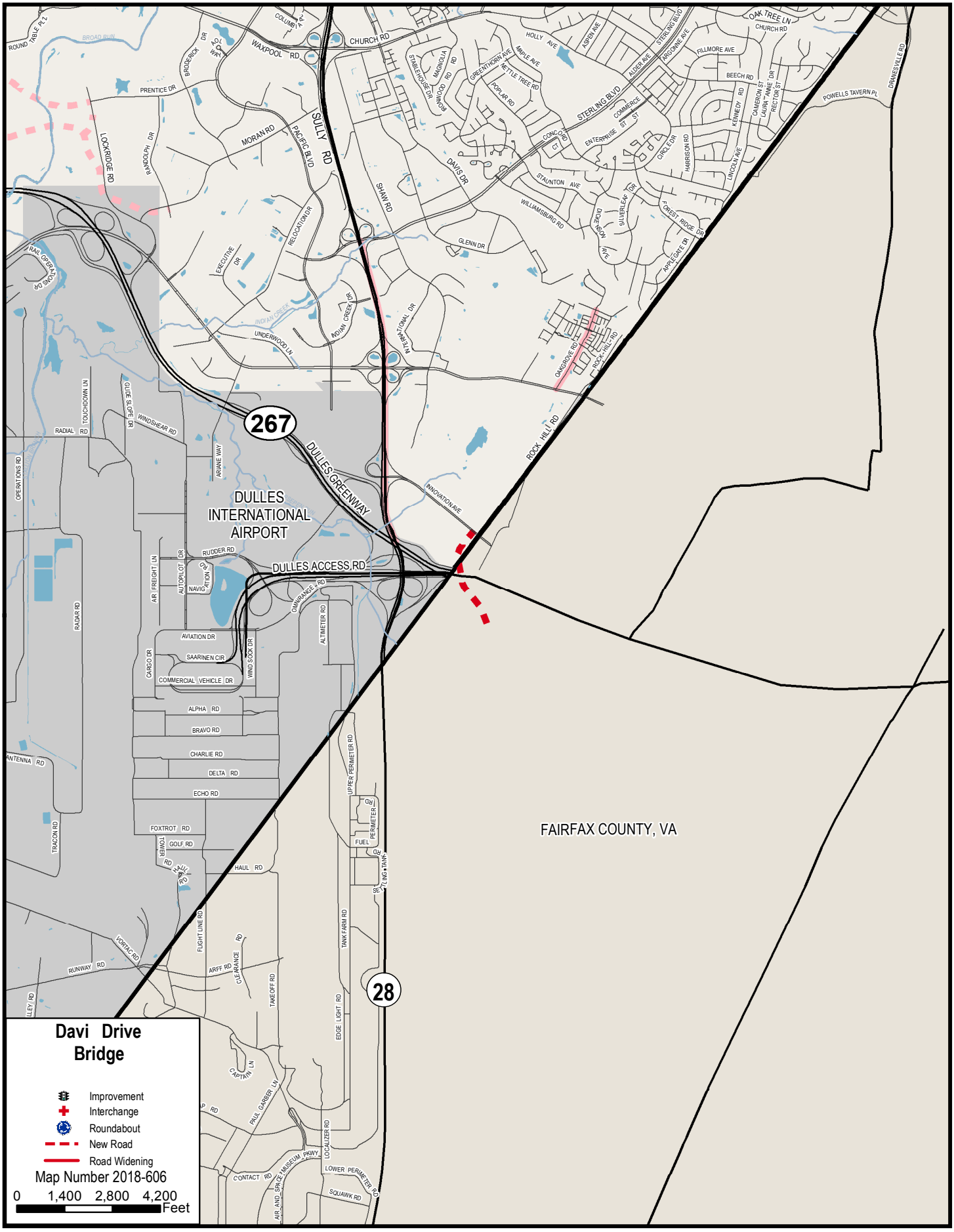
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	46,700	46,700
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46,700**	**46,700**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	46,700	46,700
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**46,700**	**46,700**


Davi Drive Bridge
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-606
0 1,400 2,800 4,200 Feet
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
267
28
DULLES GREENWAY
DULLES ACCESS RD
ROCK HILL RD
SULLY RD
CHURCH RD
WAXPOOL RD
STERLING BLVD
WILLIAMSBURG RD
SHAW RD
DAVIS DR
PACIFIC BLVD
LOCKRIDGE RD
MORAN RD
PRENTICE DR
RADIAL RD
WINDSHEAR RD
RUDDER RD
AVIATION DR
SAARINEN CIR
COMMERCIAL VEHICLE DR
ALPHA RD
BRAVO RD
CHARLIE RD
DELTA RD
ECHO RD
FOXTROT RD
GOLF RD
HAUL RD
RUNWAY RD
TAKE OFF RD
EDGE LIGHT RD
TANK FARM RD
FLIGHT LINE RD
ARFF RD
LOCALIZER RD
LOWER PERIMETER RD
SQUAWK RD
CONTACT RD
AIR AND SPACE MUSEUM PKWY
PAUL GARBER LN
CAPTAIN LN
UPPER PERIMETER RD
INNOVATION AVE
ALTIMETER RD
OMNIRANGE RD
WIND SOCK DR
CARGO DR
AUTOPILOT DR
AR FREIGHT LN
RADAR RD
ANTENNA RD
TRACON RD
VORTAC RD
OPERATIONS RD
TOUCHDOWN LN
GLIDE SLOPE DR
ARIANE WAY
RAIL OPERATIONS DR
EXECUTIVE DR
RELOCATION DR
INDIAN CREEK DR
UNDERWOOD LN
NATIONAL DR
OAKGROVE RD
ROCK HILL RD
GLENN DR
STAUNTON AVE
SILVERLEAF DR
CREST RIDGE DR
APPLEGATE DR
OAK TREE LN
BEECH RD
FILLMORE AVE
ARGONNE AVE
STERLING BLVD
ALDER AVE
ASPEN AVE
HOLLY AVE
MAPLE AVE
KETTLE TREE RD
POPLAR RD
GREENTHORN AVE
MAGNOLIA RD
STABLEHOUSE DR
CONCORD CT
COMMERCE ST
ENTERPRISE ST
CIRCLE DR
HARRISON RD
LINCOLN AVE
KENNEDY RD
CAMERON ST
LAURA LANE DR
RECTOR ST
POWELLS TAVERN PL
DRANESVILLE RD
BROADRICK DR
RANDOLPH DR
ROUND TABLE PL
BROAD RUN
COLUMBIA PL

Dulles West Boulevard – Dulles Landing Drive to Northstar Boulevard

Details:

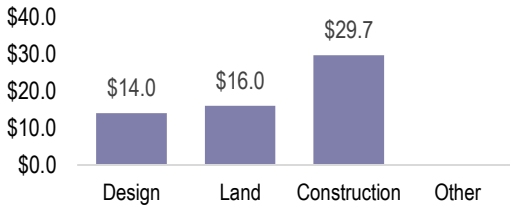
Project Number: C02213
Election District: Blue Ridge
Length: 1.9 miles
Project Type: New roadway
Estimated Completion Year: FY 2024
Referendum: November 2021

Background:

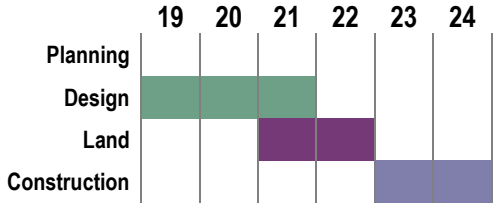
This project provides for the planning, design, right-of-way acquisition, and construction of a four-lane segment of Dulles West Boulevard between Dulles Landing Drive and Northstar Boulevard. This project combines two projects from the FY 2019 CIP: Dulles Landing Drive to Arcola Boulevard and Arcola Boulevard to Northstar.

A smaller section of this project, the Dulles Landing Drive to Hutchinson Farm Drive segment continues to be prioritized within the current scope of this project.

Phase Costs in Millions

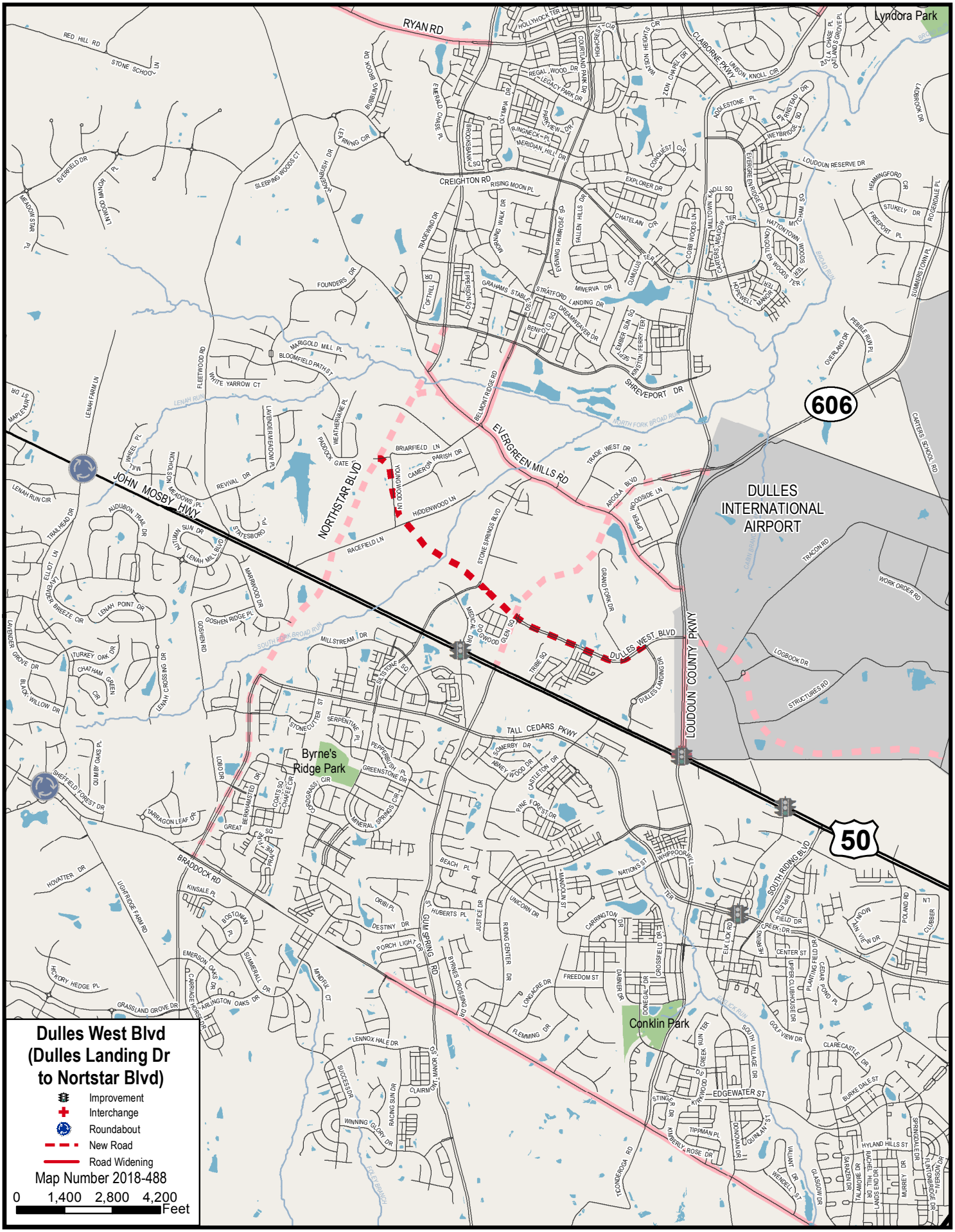


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	14,020	-	-	-	-	-	14,020	-	14,020
Land	-	16,000	-	-	-	-	-	16,000	-	16,000
Construction	-	17,780	2,514	-	-	9,360	-	29,654	-	29,654
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**47,800**	**2,514**	**-**	**-**	**9,360**	**-**	**59,674**	**-**	**59,674**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	9,360	-	9,360	-	9,360
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	2,514	-	-	-	-	2,514	-	2,514
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	47,800	-	-	-	-	-	47,800	-	47,800
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**47,800**	**2,514**	**-**	**-**	**9,360**	**-**	**59,674**	**-**	**59,674**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	300	300
Total Impact	**-**	**-**	**-**	**-**	**-**	**300**	**300**


Lyndora Park
RYAN RD
CREIGHTON RD
EVERGREEN MILLS RD
SHREVEPORT DR
NORTHSTAR BLVD
BELMONT RIDGE RD
JOHN MOSBY HWY
606
50
DULLES INTERNATIONAL AIRPORT
LOUDOUN COUNTY PKWY
DULLES WEST BLVD
TALL CEDARS PKWY
BRADDOCK RD
GUM SPRING RD
SOUTH RIDING BLVD
EDGEWATER ST
Byrne's Ridge Park
Conklin Park
Dulles West Blvd
(Dulles Landing Dr
to Nortstar Blvd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-488
0 1,400 2,800 4,200
Feet

Elk Lick Road – Intersection Improvements

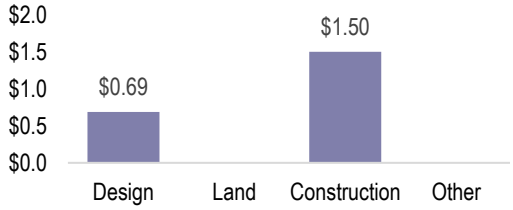
Details

Project Number: C02115
Election District: Dulles
Length: n/a
Project Type: Intersection improvements
Estimated Completion Year: FY 2021
Referendum: N/A

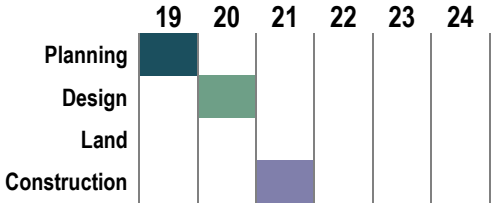
Background

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

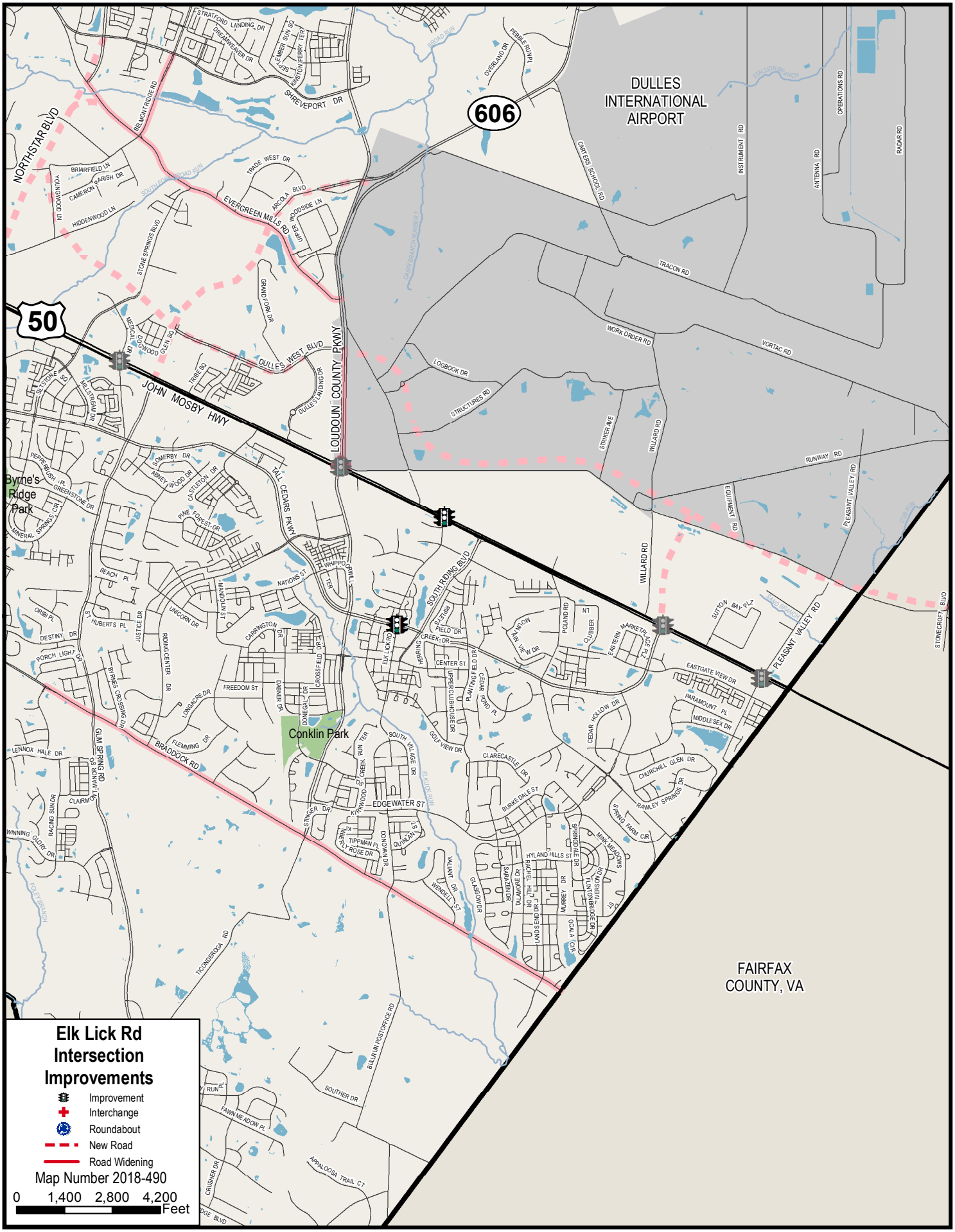
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	689	-	-	-	-	-	-	-	-	689
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	902	600	-	-	-	-	1,502	-	1,502
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**689**	**902**	**600**	**-**	**-**	**-**	**-**	**1,502**	**-**	**2,191**
Local Tax Funding	689	902	600	-	-	-	-	1,502	-	2,191
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**689**	**902**	**600**	**-**	**-**	**-**	**-**	**1,502**	**-**	**2,191**


Elk Lick Rd
Intersection
Improvements
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-490
0 1,400 2,800 4,200
Feet
DULLES
INTERNATIONAL
AIRPORT
FAIRFAX
COUNTY, VA
Byrne's
Ridge
Park
Conklin Park
50
606
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
DULLES WEST BLVD
EVERGREEN MILLS RD
NORTHSTAR BLVD
BRADDOCK RD
SOUTH RIDING BLVD
WILLARD RD
PLEASANT VALLEY RD
EDGEWATER ST
TRACON RD
RUNWAY RD
TALL CEDARS PKWY
GUM SPRING RD

Evergreen Mills Road – Belmont Ridge Road to Stone Springs Boulevard

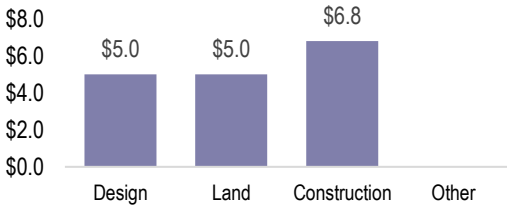
Details

Project Number: TBD
Election District: Blue Ridge
Length: 0.5 miles
Project Type: Widening and intersection improvements
Estimated Completion Year: FY 2027
Referendum: FY 2021

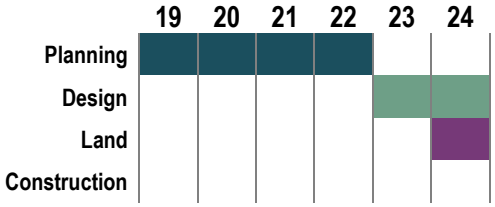
Background

This project provides for the planning, design, right-of-way acquisition, and widening of Evergreen Mills Road (Route 621) from two lanes to four lanes between Belmont Ridge Road and Stone Springs Boulevard. Construction includes improvements at the intersections of Belmont Ridge Road and Stone Springs Boulevard.

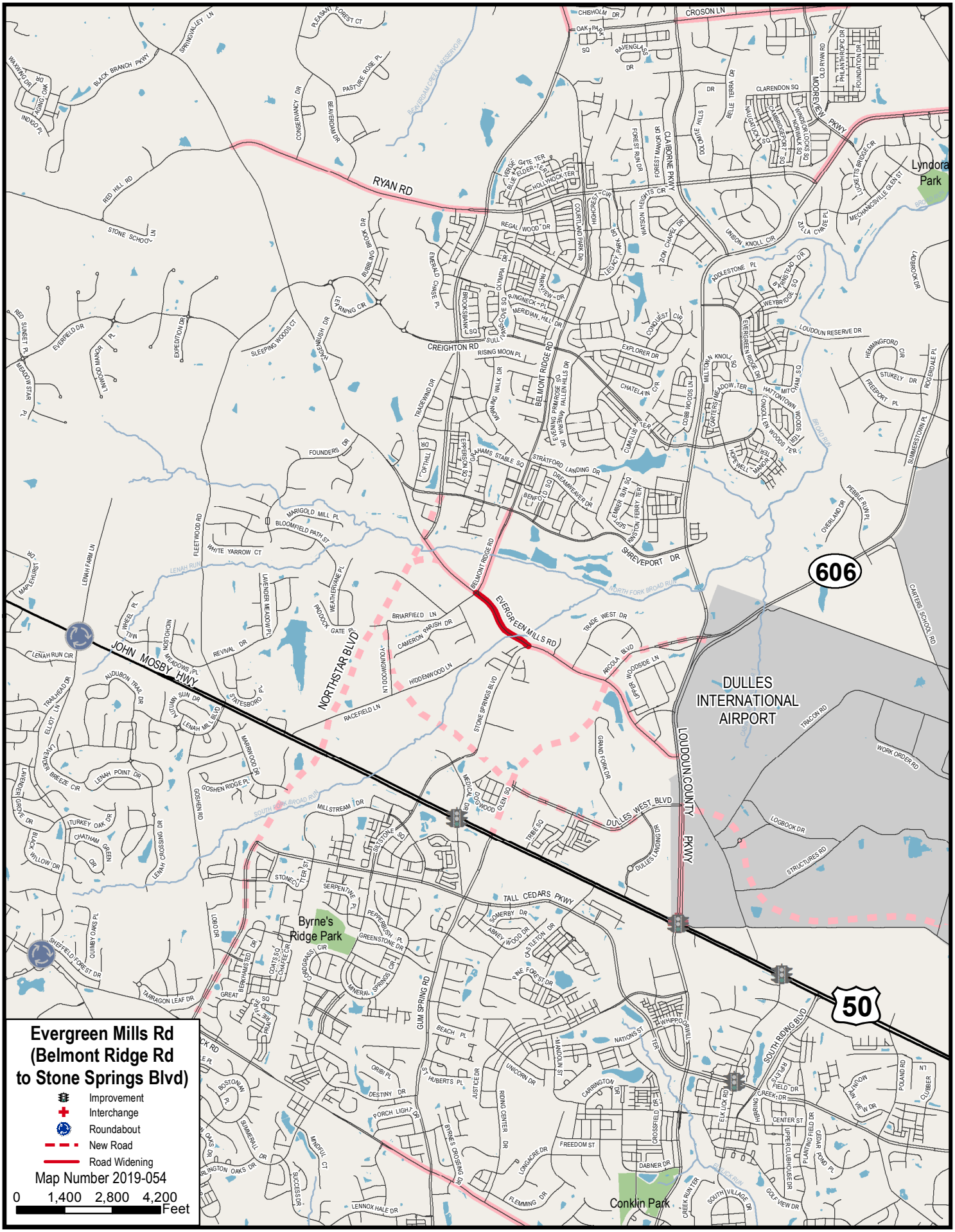
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	5,000	-	5,000	-	5,000
Land	-	-	-	-	-	5,000	-	5,000	-	5,000
Construction	-	-	-	-	-	-	6,000	6,000	800	6,800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**10,000**	**6,000**	**16,000**	**800**	**16,800**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	5,000	6,000	11,000	-	11,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	5,000	-	5,000	800	5,800
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**10,000**	**6,000**	**16,000**	**800**	**16,800**


Evergreen Mills Rd
(Belmont Ridge Rd
to Stone Springs Blvd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-054
0 1,400 2,800 4,200
Feet
RYAN RD
CROSON LN
CREIGHTON RD
FOUNDERS DR
BELMONT RIDGE RD
EVERGREEN MILLS RD
NORTHSTAR BLVD
JOHN MOSBY HWY
SHREVEPORT DR
DULLES WEST BLVD
LOUDOUN COUNTY PKWY
TALL CEDARS PKWY
GUM SPRING RD
CLAIBORNE PKWY
MOORE FARM PKWY
LOUDOUN RESERVE DR
DULLES INTERNATIONAL AIRPORT
Byrne's Ridge Park
Conklin Park
Lyndora Park
606
50

Evergreen Mills Road – Northstar Boulevard to Belmont Ridge Road

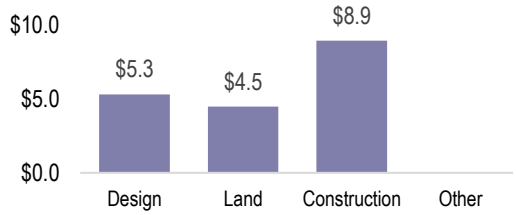
Details

Project Number: TBD
Election District: Blue Ridge
Length: 0.5 miles
Project Type: Widening and intersection improvements
Estimated Completion Year: TBD
Referendum: TBD

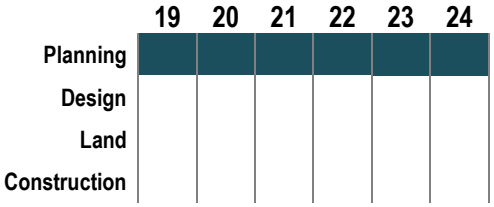
Background

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

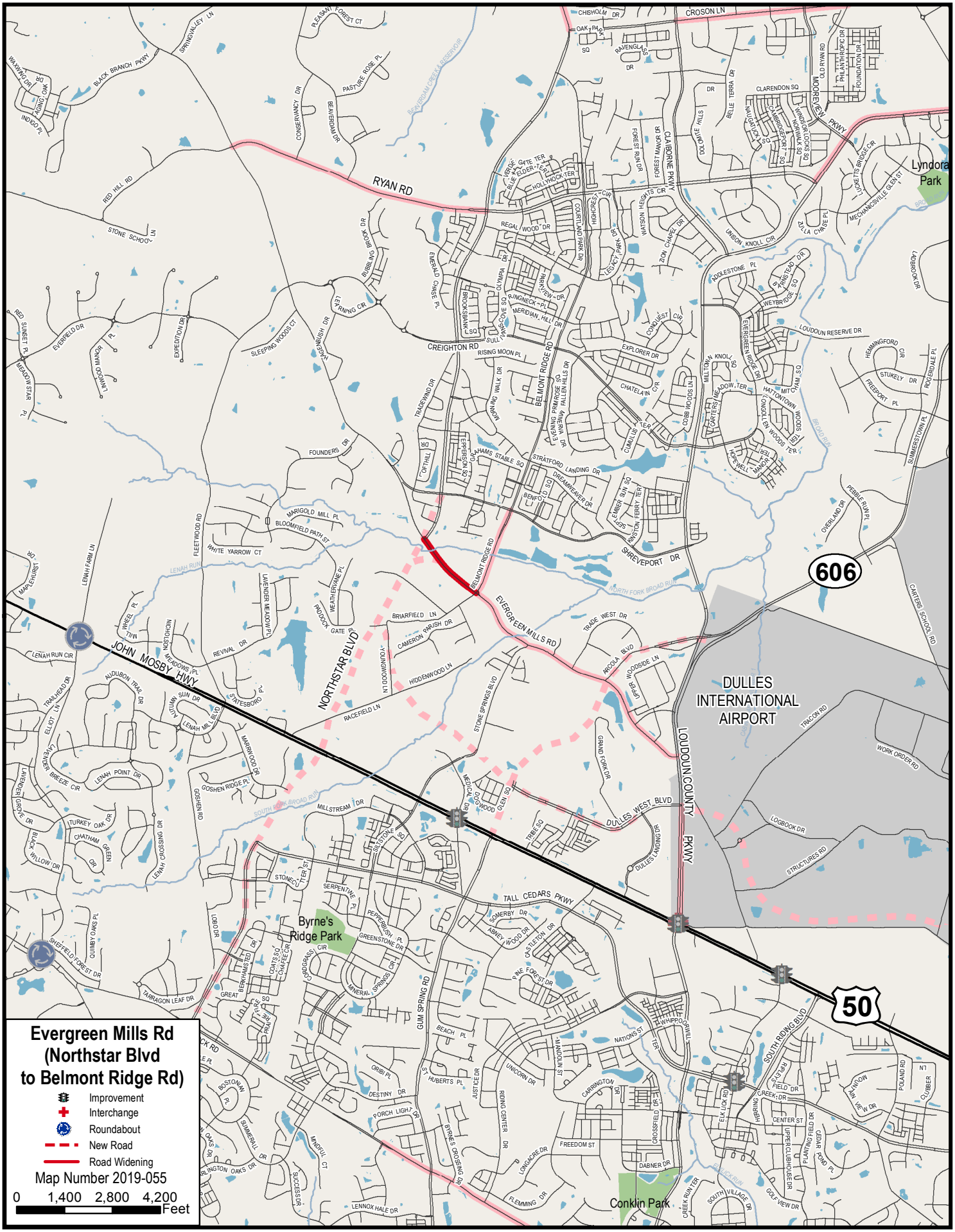
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	5,300	5,300
Land	-	-	-	-	-	-	-	-	4,470	4,470
Construction	-	-	-	-	-	-	-	-	8,930	8,930
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18,700**	**18,700**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	18,700	18,700
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**18,700**	**18,700**


Evergreen Mills Rd
(Northstar Blvd
to Belmont Ridge Rd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2019-055
0 1,400 2,800 4,200
Feet
RYAN RD
CROSON LN
CREIGHTON RD
FOUNDERS DR
BELMONT RIDGE RD
EVERGREEN MILLS RD
NORTHSTAR BLVD
JOHN MOSBY HWY
SHREVEPORT DR
DULLES WEST BLVD
LOUDOUN COUNTY PKWY
DULLES INTERNATIONAL AIRPORT
TALL CEDARS PKWY
GUM SPRING RD
CLAIBORNE PKWY
MOORE FARM PKWY
606
50
Byrne's Ridge Park
Conklin Park
Lyndora Park

Evergreen Mills Road – Reservoir Road & Watson Road

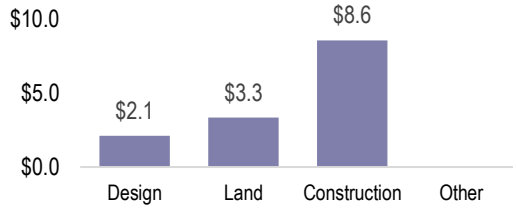
Details:

Project Number: C02209
Election District: Blue Ridge
Length: 0.2 miles
Project Type: Intersection realignment
Estimated Completion Year: FY 2023
Referendum: n/a

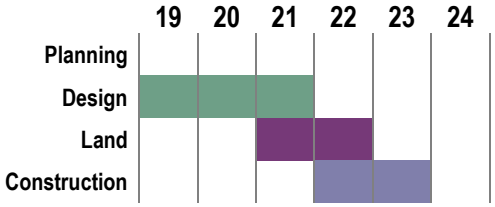
Background:

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

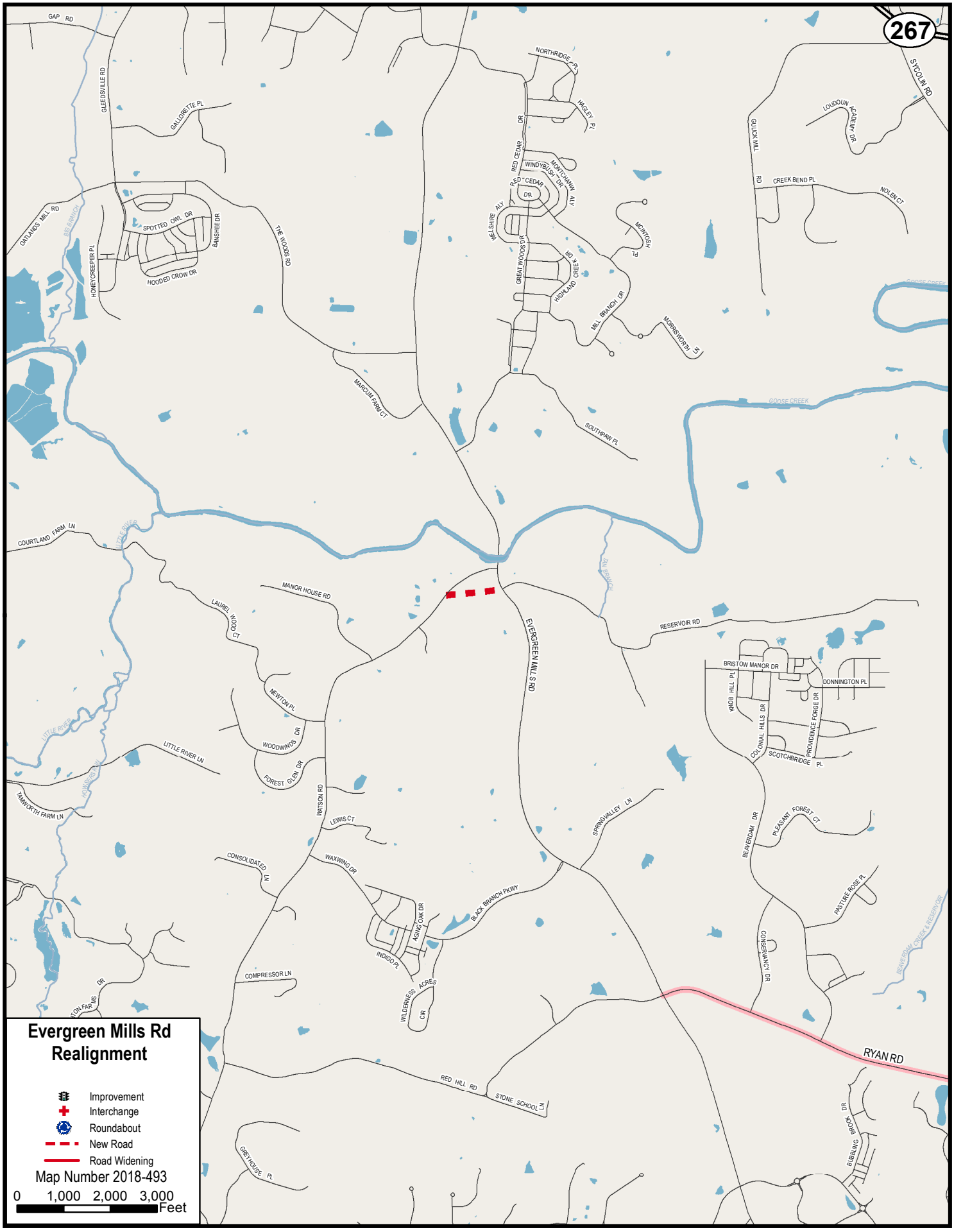
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	2,110	-	-	-	-	-	2,110	-	2,110
Land	-	3,340	-	-	-	-	-	3,340	-	3,340
Construction	-	8,550	-	-	-	-	-	8,550	-	8,550
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**14,000**	**-**	**-**	**-**	**-**	**-**	**14,000**	**-**	**14,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	14,000	-	-	-	-	-	14,000	-	14,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**14,000**	**-**	**-**	**-**	**-**	**-**	**14,000**	**-**	**14,000**


267
GAP RD
GLEEDSVILLE RD
GALLORETTE PL
OAKLANDS MILL RD
BIG BRANCH
SPOTTED OWL DR
BANSHEE DR
HONEYCREEPER PL
HOODED CROW DR
THE WOODS RD
MARCUM FARM CT
NORTHRIDGE PL
HAGLEY PL
RED CEDAR DR
WINDYBUSH DR
MONTCHANIN ALY
RED CEDAR DR
WILSHIRE ALY
GREAT WOODS DR
RED CREEK DR
HIGHLAND DR
MILL BRANCH DR
MCINTOSH PL
MORRISWORTH PL
SOUTHPAW PL
GOOSE CREEK
SYCOLIN RD
LOUDOUN MCKEWY DR
GUILDON MILL RD
CREEK BEND PL
NOLEN CT
COURTLAND FARM LN
LITTLE RIVER
MANOR HOUSE RD
LAUREL WOOD CT
NEWTON PL
WOODWINDS DR
FOREST GLEN DR
LITTLE RIVER LN
TAMWORTH FARM LN
HOWARD RUN
WATSON RD
LEWIS CT
CONSOLIDATED LN
WAXWING DR
AGING OAK DR
INDIGO PL
WILDERNESS ACRES CIR
COMPRESSOR LN
EVERGREEN MILLS RD
RESERVOIR RD
BRISTOW MANOR DR
DONNINGTON PL
KNOB HILL PL
COLONIAL HILLS DR
PROVIDENCE FORGE DR
SCOTCHBRIDGE PL
SPRINGVALLEY LN
BEAVERDAM DR
PLEASANT FOREST CT
PASTURE ROSE PL
CONSERVANCY DR
BENEDUM CREEK RESERVOIR
BLACK BRANCH PKWY
RYAN RD
RED HILL RD
STONE SCHOOL LN
GREYHOUSE PL
BUBBLING BROOK DR
Evergreen Mills Rd Realignment
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-493
0 1,000 2,000 3,000
Feet

Evergreen Mills Road – Stone Springs Boulevard to Loudoun County Parkway

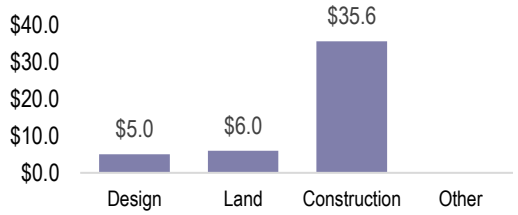
Details:

Project Number: TBD
Election District: Blue Ridge
Length: 1.1 miles
Project Type: Widening
Estimated Completion Year: FY 2027
Referendum: November 2020

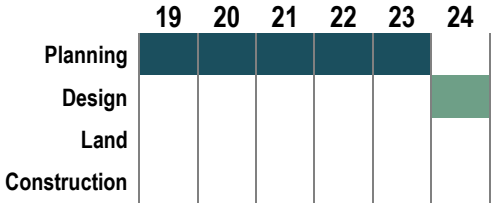
Background:

This project provides for the planning, design, right-of-way acquisition, and widening of Evergreen Mills Road (Route 621) from two lanes to four lanes from Stone Springs Boulevard to Loudoun County Parkway (Route 607). This project combines two projects from the FY 2018 Adopted CIP: Stone Springs Boulevard to Arcola Boulevard and Arcola Boulevard to Loudoun County Parkway.

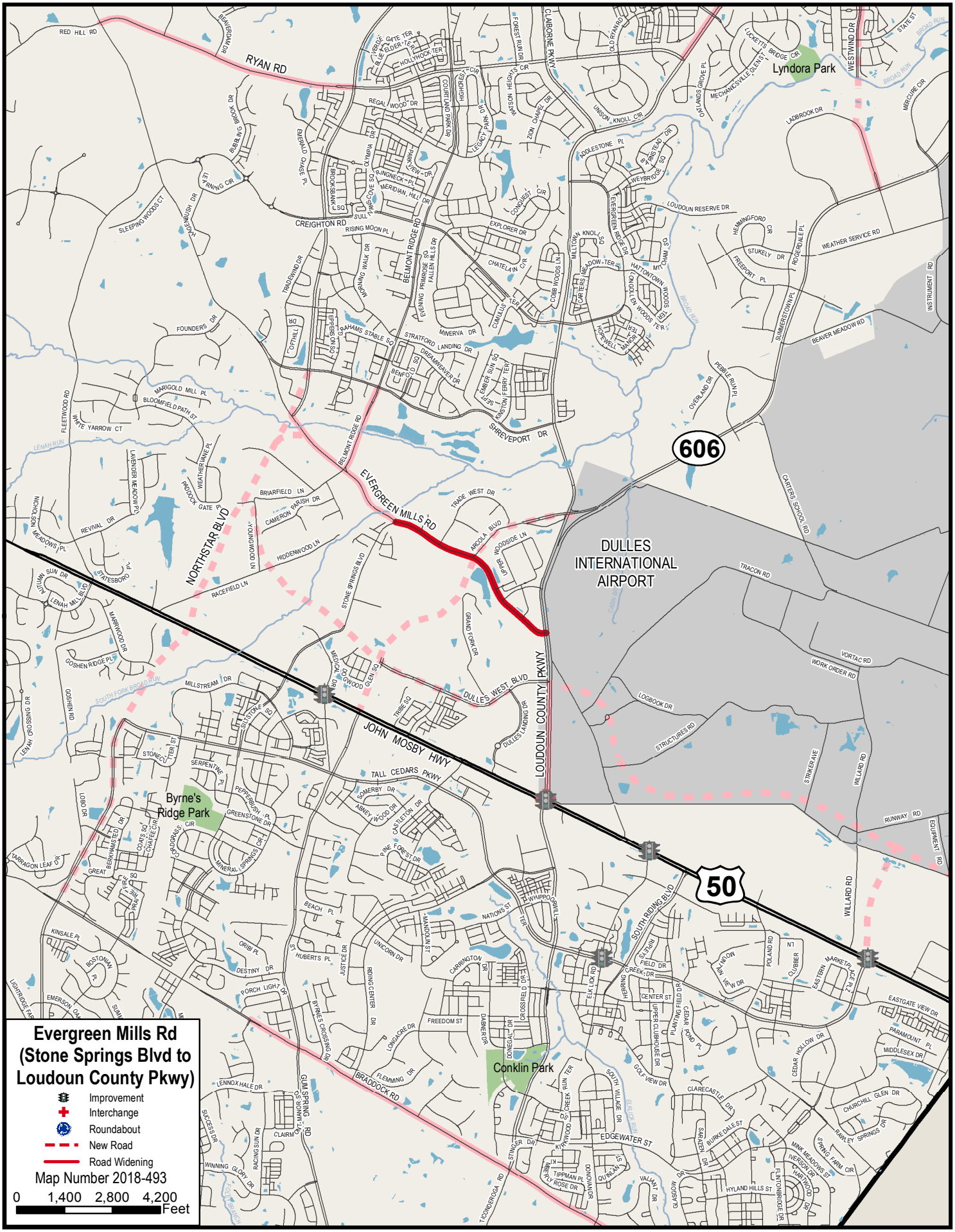
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	5,000	5,000	-	5,000
Land	-	-	-	-	-	-	-	-	6,000	6,000
Construction	-	-	-	-	-	-	-	-	35,600	35,600
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**5,000**	**5,000**	**41,600**	**46,600**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	41,600	41,600
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	5,000	5,000	-	5,000
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**5,000**	**5,000**	**41,600**	**46,600**


Evergreen Mills Rd
(Stone Springs Blvd to
Loudoun County Pkwy)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-493
0 1,400 2,800 4,200
Feet
RYAN RD
CREIGHTON RD
EVERGREEN MILLS RD
NORTHSTAR BLVD
BELMONT RIDGE RD
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
DULLES WEST BLVD
TALL CEDARS PKWY
SHREVEPORT DR
STONE SPRINGS BLVD
BRADDOCK RD
SOUTH RIDING BLVD
WILLARD RD
DULLES INTERNATIONAL AIRPORT
Lyndora Park
Byrne's Ridge Park
Conklin Park
606
50

Farmwell Road – Intersection Improvements

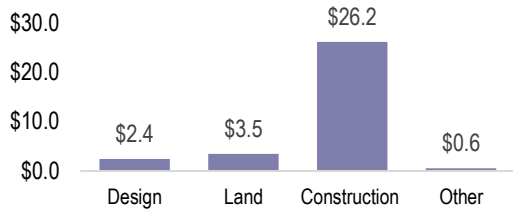
Details

Project Number: C02087
Election District: Ashburn, Broad Run
Length: 1.3 miles
Project Type: Intersection improvements
Estimated Completion Year: FY 2023
Referendum: November 2018

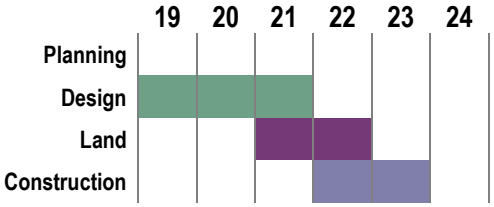
Background

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

Phase Costs in Millions

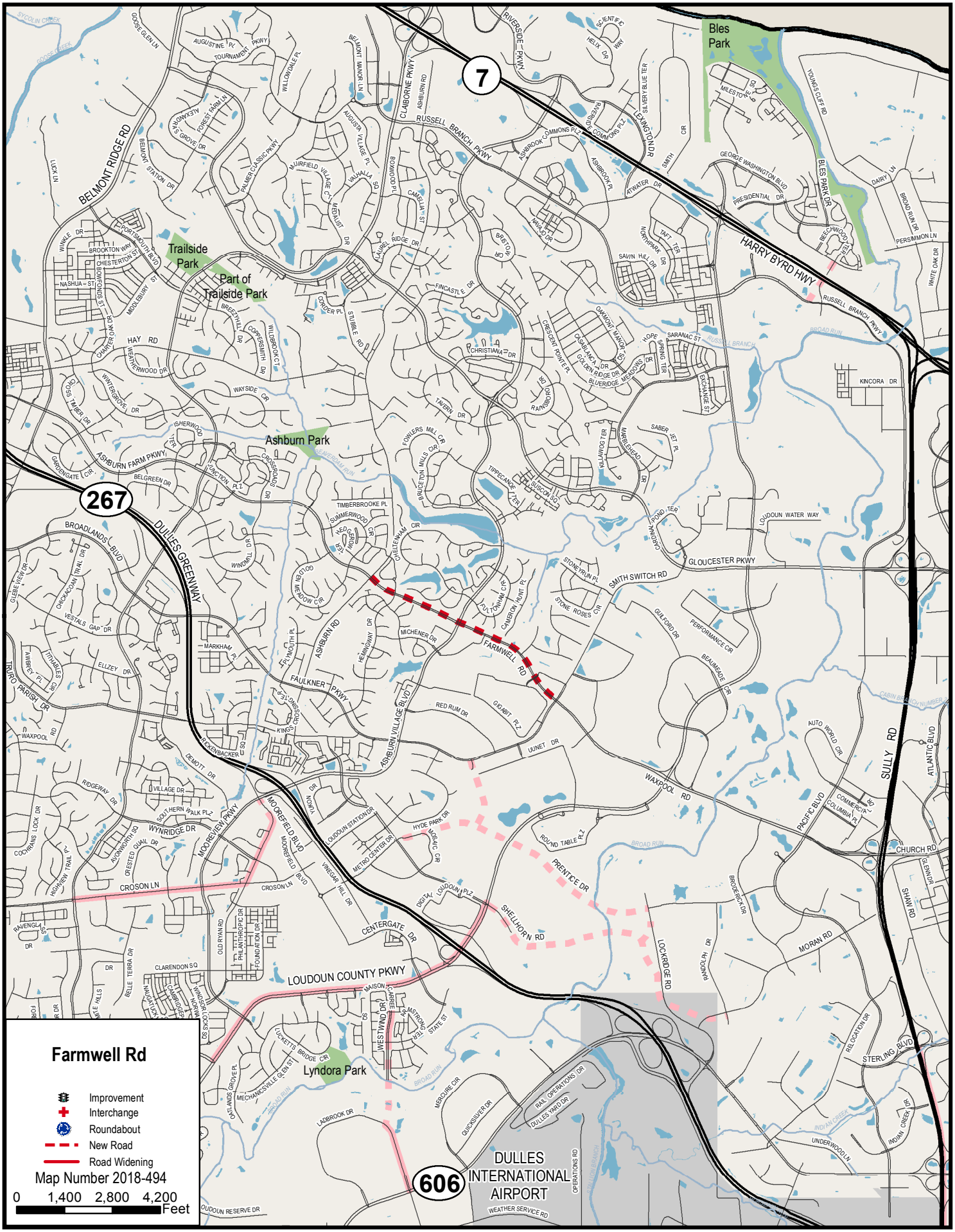


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	2,420	-	-	-	-	-	-	-	-	2,420
Land	250	-	-	3,245	-	-	-	3,245	-	3,495
Construction	5,194	-	-	20,990	-	-	-	20,990	-	26,184
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	590	-	-	-	590	-	590
Total Cost	**7,864**	**-**	**-**	**24,825**	**-**	**-**	**-**	**24,825**	**-**	**32,689**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	1,465	-	-	-	1,465	-	1,465
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	17,435	-	-	-	17,435	-	17,435
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	864	-	-	925	-	-	-	925	-	1,789
Revenue Sharing	3,500	-	-	5,000	-	-	-	5,000	-	8,500
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,500	-	-	-	-	-	-	-	-	3,500
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**7,864**	**-**	**-**	**24,825**	**-**	**-**	**-**	**24,825**	**-**	**32,689**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	280	973	1,710	2,963
Total Impact	**-**	**-**	**-**	**280**	**973**	**1,710**	**2,963**


Farmwell Rd
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-494
0 1,400 2,800 4,200
Feet
7
267
606
Bles Park
Trailside Park
Part of Trailside Park
Ashburn Park
Lyndora Park
DULLES INTERNATIONAL AIRPORT
BELMONT RIDGE RD
HARRY BYRD HWY
RUSSELL BRANCH PKWY
ASHBURN FARM PKWY
DULLES GREENWAY
BROADLANDS BLVD
ASHBURN RD
FARMWELL RD
FAULKNER PKWY
ASHBURN VILLAGE BLVD
CLAIBORNE PKWY
RIVERSIDE PKWY
GLOUCESTER PKWY
SMITH SWITCH RD
LOUDOUN WATER WAY
WAXPOOL RD
SULLY RD
PACIFIC BLVD
ATLANTIC BLVD
CHURCH RD
PRENTICE DR
SHELLHORN RD
LOUDOUN COUNTY PKWY
CENTERGATE DR
CROSON LN
MOORFIELD BLVD
MOOREVIEW PKWY
WYNRIDGE DR
LOCKRIDGE RD
MORAN RD
STERLING BLVD
GEORGE WASHINGTON BLVD
BLES PARK DR
PRESIDENTIAL DR
ATTWATER DR
LEESBURG COMMONS PLZ
ASHBROOK COMMONS PLZ
RUSSELL BRANCH PKWY
FINCASTLE DR
CHRISTIANA DR
TAVERN DR
FOWLERS MILL CIR
TIPPECANOE TER
TIMBERBROOKE PL
SUMMERWOOD CT
CHELTENHAM CIR
WINDMILL DR
GOLDEN MEADOW CIR
MARKHAM PL
PLYMOUTH PL
HEMINGWAY DR
MICHENER DR
STONE ROSES CIR
STONEYRUN PL
FULLERTON HUNT PL
CAMERON CHASE CIR
GUILFORD DR
PERFORMANCE CIR
BEAUMEADE CIR
RED RUM DR
GIGABIT PLZ
UUNET DR
DIGITAL LOUDOUN PLZ
HYDE PARK DR
MCGAVIC CIR
METRO CENTER DR
LOUDOUN STATION DR
VINEGAR HILL DR
ROUND TABLE PLZ
AUTO WORLD DR
COMMERCE COLUMBIA PL
BRODERICK DR
SHAW RD
GLENNOR DR
MORAN RD
LOCKRIDGE RD
RELOCATION DR
INDIAN CREEK DR
UNDERWOOD LN
RAIL OPERATIONS DR
DULLES YARD DR
QUICKSILVER DR
MERCURE DR
LADBROOK DR
OPERATIONS RD
WEATHER SERVICE RD
LOUDOUN RESERVE DR
OLD RYAN RD
PHILANTHROPIC DR
FOUNDATION DR
CLARENDON SQ
WINDSOR LOCKS SQ
WESTWIND DR
ARMSTRONG DR
STATE ST
LUCKETTS BRIDGE CIR
MECHANICSVILLE GLEN ST
OAKLANDS GROVE PL
BELLE TERRA DR
RAVENGLASS DR
COCHRANS LOCK DR
HIGHBRIDGE TRAIL PL
CRESTED CUAIL DR
SOUTHERN WALK PLZ
VILLAGE DR
RIDGEWAY DR
DEMOTT DR
EIELSEY DR
VESTALS GAP DR
CHICKAHOMINY TRAIL DR
GLEBE VIEW DR
TRURO PARISH DR
WAXPOOL RD
ASHBURN VILLAGE BLVD
KING'S CROSS
EXCHANGE ST
KINCORA DR
SABER JET PL
MARBLEHEAD DR
TALLWOOD TER
BLUERIDGE MEADOWS DR
GOLDEN RIDGE DR
CASABLANCA DR
CRESCENT POINTE PL
OAKMONT MANOR SQ
HOPE SPRING TER
SARANAC ST
SAVIN HILL DR
NORTHPARK DR
TAFT TER
BEECHWOOD TER
DAIRY LN
BROAD RUN DR
PERSIMMON LN
WHITE OAK DR
YOUNGS CLIFF RD
MILESTONE LN
SILVERY BLUE TER
HELIX DR
SCIENTIFIC WAY
RIVERSIDE PKWY
BELMONT MANOR LN
WILLOWDALE PL
AUGUSTINE PKWY
TOURNAMENT PKWY
GOOSE GLEN LN
SYCOLIN CREEK
GOOSE CREEK
BELMONT STATION DR
ALEXANDER GROVE DR
FOREST FARM LN
PALMER CLASSIC PKWY
MUIRFIELD VILLAGE CT
MEDALIST DR
AUGUSTA VILLAGE PL
VALHALLA SQ
BROMONT CT
CAMELOT ST
LAUREL RIDGE DR
BRAEMOUNT DR
MANOR DR
LUCK LN
WINKLE DR
PORTSMOUTH BLVD
BROOKTON WAY
CHESTERTON SQ
NASHUA ST
MIDDLEBURY ST
CHARTER OAK DR
HAY RD
WEATHERWOOD DR
WINTERGROVE DR
CROSS TIMBER DR
WAYSIDE CIR
ISHERWOOD TER
GARDENGATE CIR
BELGREEN DR
JUNCTION PL
CROSSROADS DR
BREEZEHILL DR
COPPERSMITH DR
WILDBROOK CT
CORDER PL
STUBBLE RD
CROSSMAN CREEK
BROAD RUN
RUSSELL BRANCH
RAMSBROOK RD
BLUESTONE CT
CANDLEWOOD TER
POND TER
SARATOGA CT
DISCOVERY CT
CROSSMAN CREEK
KINGS CROSS
SOUTHERN WALK PLZ
ROUND TABLE PLZ
CABIN BRANCH TRIBUTARY NUMBER 2
INDIAN CREEK
BROAD RUN
CROSSMAN CREEK

George Washington Boulevard - Overpass

Details:

Project Number: C02053
Election District: Algonkian and Broad Run
Length: 0.25 miles
Project Type: New bridge
Estimated Completion Year: FY 2022
Referendum: N/A

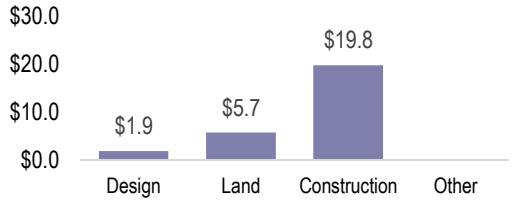
Background:

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

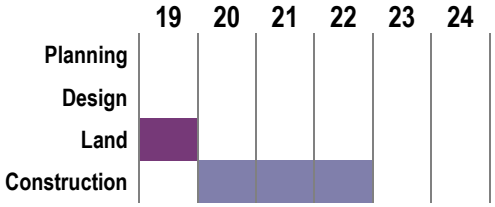
This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance. This project is being administered by VDOT.

There is no County appropriation or funding for this project. This project is funded using Regional Surface Transportation Program (RSTP) grant funds.

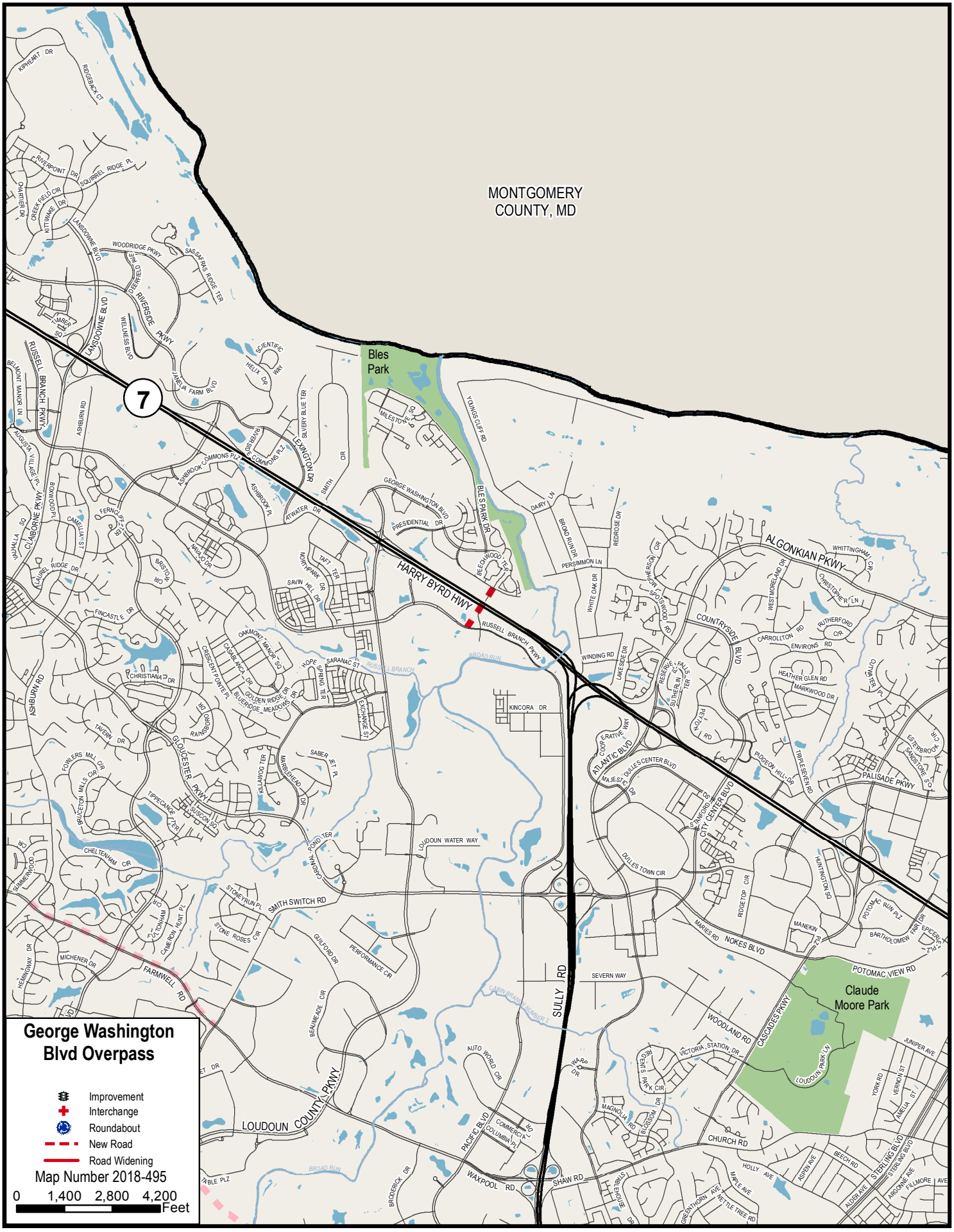
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	1,867	-	-	-	-	-	-	-	-	1,867
Land	3,744	1,978	-	-	-	-	-	1,978	-	5,722
Construction	-	-	8,223	8,527	3,000	-	-	19,750	-	19,750
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**5,611**	**1,978**	**8,223**	**8,527**	**3,000**	**-**	**-**	**21,728**	**-**	**27,339**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	5,611	1,978	8,223	8,527	3,000	-	-	21,728	-	27,339
Total Financing	**5,611**	**1,978**	**8,223**	**8,527**	**3,000**	**-**	**-**	**21,728**	**-**	**27,339**


MONTGOMERY COUNTY, MD
Bles Park
Claude Moore Park
HARRY BYRD HWY
7
LOUDOUN COUNTY PKWY
SULLY RD
GEORGE WASHINGTON BLVD
RUSSELL BRANCH PKWY
ASHBURN RD
ALGONKIAN PKWY
PALISADE PKWY
POTOMAC VIEW RD
CHURCH RD
SHAW RD
WAXPOOL RD
SMITH SWITCH RD
FARMWELL RD
GLOUCESTER PKWY
CLAIBORNE PKWY
RIVERSIDE PKWY
LANSDOWNE BLVD
WOODRIDGE PKWY
ATLANTIC BLVD
CITY CENTER BLVD
CASCADES PKWY
STERLING BLVD
COUNTRYSIDE BLVD
LOUDOUN WATER WAY
DULLES TOWN CIR
SEVERN WAY
WOODLAND RD
NOKES BLVD
MARIES RD
PACIFIC BLVD
AUTO WORLD DR
SCIENTIFIC WAY
YOUNGS CLIFF RD
BLES PARK DR
KINCORA DR
WINDING RD
PRESIDENTIAL DR
DAIRY LN
PERSIMMON LN
WHITE OAK DR
REDROSE DR
LAKESIDE DR
RESERVOIR RD
FALLS TER
SUTHERLIN RD
PRESTON RD
CARROLLTON RD
ENVIRONS RD
RUTHERFORD CIR
WHITTINGHAM CIR
WEST MORELAND DR
CHRISTOPHER LN
HEATHER GLEN RD
MARKWOOD DR
OLIVIA WATER PL
ESTERBROOK CIR
SANDSTONE SQ
TRIPLESEVEN RD
PIGEON HILL DR
HUNTINGTON SQ
POTOMAC RUN PLZ
BARTHOLOMEW FAIR DR
EPICERIE PLZ
MANEKIN PL
RIDGE TOP CIR
STANFORD DR
MAJESTIC DR
DULLES CENTER BLVD
COOPERATIVE WAY
VICTORIA STATION DR
LOUDOUN PARK LN
MAGNOLIA RD
BLOSSOM DR
HAZEL DR
JUNIPER AVE
YORK RD
VERNON ST
AMELIA ST
ASPEN AVE
BEECH RD
HOLLY AVE
MAPLE AVE
ARGONNE AVE
FILLMORE AVE
ALDER AVE
HEMLOCK DR
WILLOW TREE DR
WILLOW TREE RD
GREENTHORN AVE
NETTLE TREE RD
PACIFIC BLVD
COMMERCE ST
COLUMBIA PL
BRODERICK DR
BEAUMEADE CIR
GUILFORD DR
PERFORMANCE CIR
STONE ROSES CIR
STONEYRUN PL
CAMERON HUNT PL
FULTONHAM
CHELTENHAM CIR
SUSCON SQ
TIPPECANOE TER
PRINCETON MILLS CIR
FOWLERS MILL CIR
TAVERN DR
RAINSFORD CIR
CHRISTIANA DR
CRESCENT POINTE PL
CASABLANCA DR
OAKMONT MANOR SQ
HOPE SPRING TER
SARANAC ST
EXCHANGE ST
GOLDEN RIDGE DR
BLUERIDGE MEADOWS DR
SABER JET PL
MARBLEHEAD DR
SAWYER TER
POND TER
CHADWICK
LOUDOUN WATER WAY
FINCASTLE DR
LAUREL RIDGE DR
BRISTOW CIR
NAVAJO DR
NORTHPARK DR
TAFT TER
SAVIN HILL DR
ATWATER DR
ASHBROOK PL
ASHBROOK COMMONS PLZ
ASHBROOK COMMONS PLZ
CAMELLIA ST
FERNCLIFF TER
BROOKFORD PL
AUGUSTA VILLAGE PL
BELMONT MANOR LN
RUSSELL BRANCH PKWY
HELIX DR
LANIELA FARM BLVD
WELDERS BLVD
DEERFIELD RIVERSIDE PKWY
SASSAFRAS RIDGE TER
WILESTON SQ
SILVERY BLUE TER
LEXINGTON DR
SMITH
OR
KITTIWAKE DR
CREEK FIELD CIR
CHARTIER DR
RIVERPOINT DR
SQUIRREL RIDGE PL
KIPHEART DR
RIDGEBACK CT
BROADRUN
BROAD RUN
CARVERS RUN NUMBER 2
BEACHWOOD TER
REDSHIRE CIR
WILDWOOD CIR
WHITE OAK CIR
DAIRY LN
BROAD RUN DR
PERSIMMON LN
REDROSE DR
LAKESIDE DR
RESERVOIR RD
FALLS TER
SUTHERLIN RD
PRESTON RD
CARROLLTON RD
ENVIRONS RD
RUTHERFORD CIR
WHITTINGHAM CIR
WEST MORELAND DR
CHRISTOPHER LN
HEATHER GLEN RD
MARKWOOD DR
OLIVIA WATER PL
ESTERBROOK CIR
SANDSTONE SQ
TRIPLESEVEN RD
PIGEON HILL DR
HUNTINGTON SQ
POTOMAC RUN PLZ
BARTHOLOMEW FAIR DR
EPICERIE PLZ
MANEKIN PL
RIDGE TOP CIR
STANFORD DR
MAJESTIC DR
DULLES CENTER BLVD
COOPERATIVE WAY
VICTORIA STATION DR
LOUDOUN PARK LN
MAGNOLIA RD
BLOSSOM DR
HAZEL DR
JUNIPER AVE
YORK RD
VERNON ST
AMELIA ST
ASPEN AVE
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ALDER AVE
HEMLOCK DR
WILLOW TREE DR
WILLOW TREE RD
GREENTHORN AVE
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PACIFIC BLVD
COMMERCE ST
COLUMBIA PL
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BEAUMEADE CIR
GUILFORD DR
PERFORMANCE CIR
STONE ROSES CIR
STONEYRUN PL
CAMERON HUNT PL
FULTONHAM
CHELTENHAM CIR
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RAINSFORD CIR
CHRISTIANA DR
CRESCENT POINTE PL
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OAKMONT MANOR SQ
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SABER JET PL
MARBLEHEAD DR
SAWYER TER
POND TER
CHADWICK
LOUDOUN WATER WAY
FINCASTLE DR
LAUREL RIDGE DR
BRISTOW CIR
NAVAJO DR
NORTHPARK DR
TAFT TER
SAVIN HILL DR
ATWATER DR
ASHBROOK PL
ASHBROOK COMMONS PLZ
ASHBROOK COMMONS PLZ
CAMELLIA ST
FERNCLIFF TER
BROOKFORD PL
AUGUSTA VILLAGE PL
BELMONT MANOR LN
RUSSELL BRANCH PKWY
HELIX DR
LANIELA FARM BLVD
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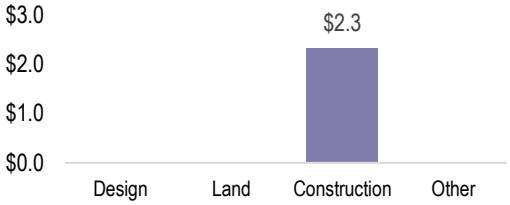
LEXINGTON DR
SMITH
OR
KITTIWAKE DR
CREEK FIELD CIR
CHARTIER DR
RIVERPOINT DR
SQUIRREL RIDGE PL
KIPHEART DR
RIDGEBACK CT
BROADRUN
BROAD RUN
CARVERS RUN NUMBER 2
BEACHWOOD TER
REDSHIRE CIR
WILDWOOD CIR
WHITE OAK CIR
George Washington Blvd Overpass
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-495
0 1,400 2,800 4,200
Feet

Intelligent Transportation System

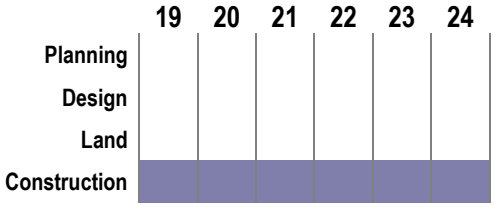
Details

Project Number: C02203
Election District: Countywide
Length: n/a
Project Type: Traffic mitigation and safety improvements
Estimated Completion Year: Ongoing
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



Background

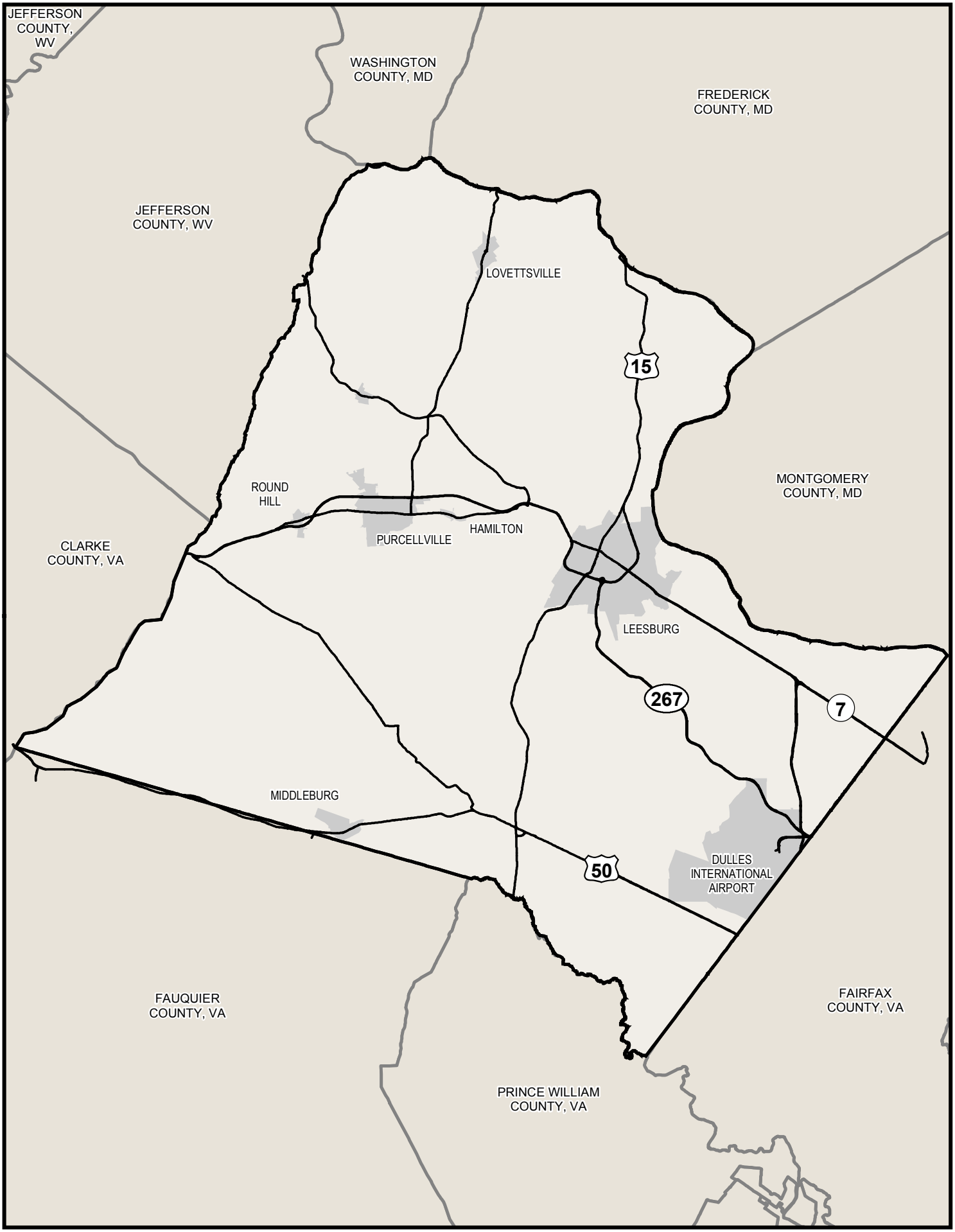
This project funds the initial step to integrate Intelligent Transportation Systems (ITS) into County transportation plans. This project includes the deployment of up to five color closed-circuit television cameras (CCTVs) and up to three changeable message signs (CMS).

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

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

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

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	32	32
Total Impact	**-**	**-**	**-**	**-**	**-**	**32**	**32**


JEFFERSON COUNTY, WV
WASHINGTON COUNTY, MD
FREDERICK COUNTY, MD
JEFFERSON COUNTY, WV
LOVETTSVILLE
15
MONTGOMERY COUNTY, MD
ROUND HILL
HAMILTON
PURCELLVILLE
CLARKE COUNTY, VA
LEESBURG
267
7
MIDDLEBURG
50
DULLES INTERNATIONAL AIRPORT
FAUQUIER COUNTY, VA
FAIRFAX COUNTY, VA
PRINCE WILLIAM COUNTY, VA

Leesburg Bypass Lane Extension

Details

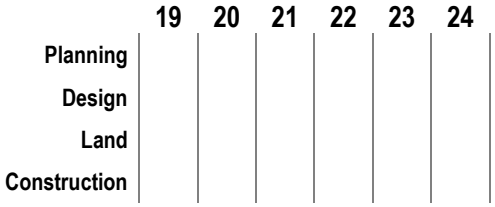
Project Number: C02162
Election District: Leesburg
Length: 0.75 miles
Project Type: Widening
Estimated Completion Year: FY 2022
Referendum: n/a

Background

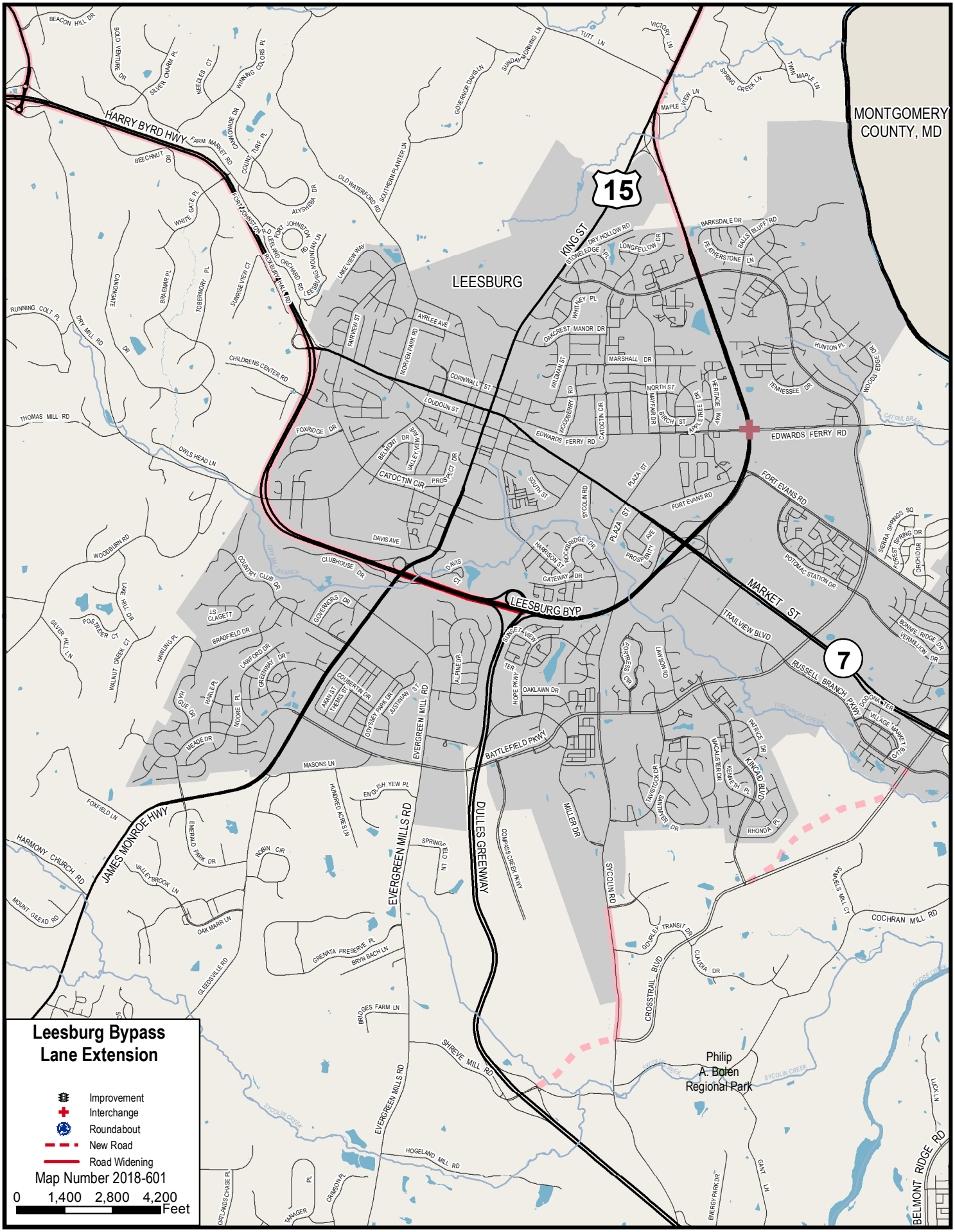
This project provides for the transfer of funds from the County to the operators of the Dulles Greenway to construct a third westbound lane between Dulles Greenway and Route 15 beyond the initial exit ramp to northbound Route 15. This project will be administered by the Dulles Greenway (TRIP II).

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	1,000	2,000	-	-	-	-	3,000	-	3,000
Total Cost	**-**	**1,000**	**2,000**	**-**	**-**	**-**	**-**	**3,000**	**-**	**3,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,000	2,000	-	-	-	-	3,000	-	3,000
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,000**	**2,000**	**-**	**-**	**-**	**-**	**3,000**	**-**	**3,000**


Leesburg Bypass
Lane Extension
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-601
0 1,400 2,800 4,200
Feet
LEESBURG
MONTGOMERY COUNTY, MD
HARRY BYRD HWY
JAMES MONROE HWY
LEESBURG BYP
MARKET ST
EDWARDS FERRY RD
FORT EVANS RD
KING ST
15
7
EVERGREEN MILLS RD
DULLES GREENWAY
BATTLEFIELD PKWY
RUSSELL BRANCH PKWY
TRAILVIEW BLVD
SYCOLIN RD
CROSSTRAIL BLVD
COCHRAN MILL RD
SHREVE MILL RD
HOGELAND MILL RD
BELMONT RIDGE RD
Philip A. Bolen Regional Park

Loudoun County Parkway – Dulles West to Route 50

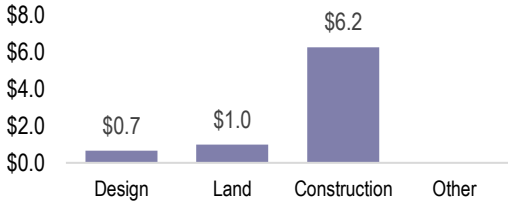
Details

Project Number: C02234
Election District: Blue Ridge, Dulles
Length: 1.1 miles
Project Type: Widening
Estimated Completion Year: FY 2024
Referendum: n/a

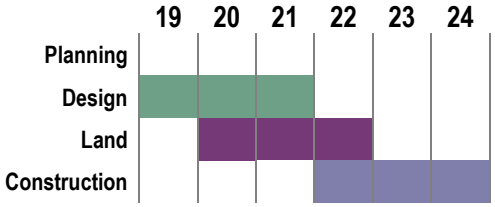
Background

This project provides for the planning, design, right of way acquisition, and construction of a southbound turning lane along Loudoun County Parkway from Dulles West to Route 50, continuing onto Route 50 westbound. Signal modifications for improved traffic flow will also be included in this project. This project also includes a shared use path on the west side of the turn lane.

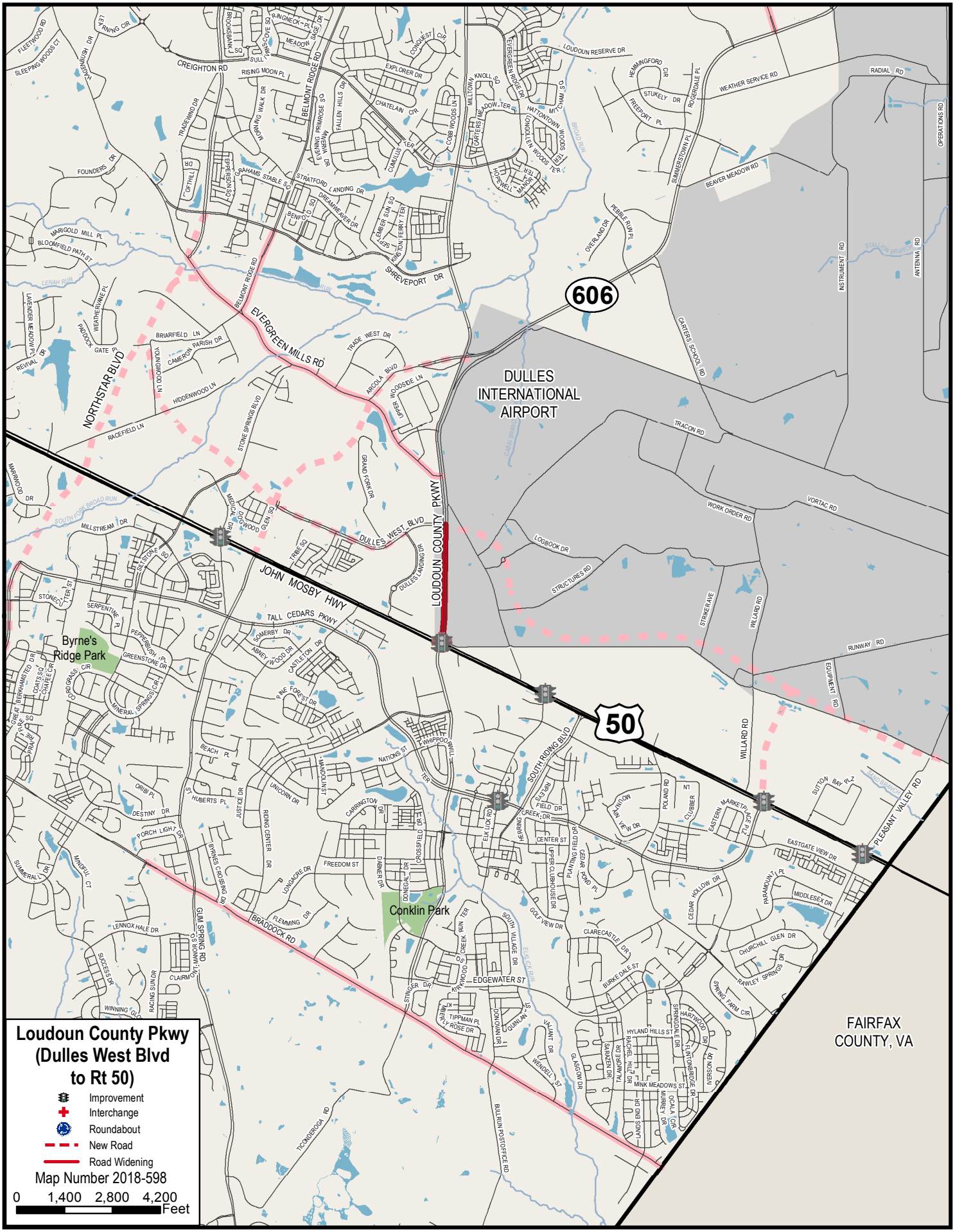
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	660	-	-	-	-	-	660	-	660
Land	-	990	-	-	-	-	-	990	-	990
Construction	-	4,931	1,308	-	-	-	-	6,239	-	6,239
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**6,581**	**1,308**	**-**	**-**	**-**	**-**	**7,889**	**-**	**7,889**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	6,581	-	-	-	-	-	6,581	-	6,581
NVTA 30%	-	-	1,308	-	-	-	-	1,308	-	1,308
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**6,581**	**1,308**	**-**	**-**	**-**	**-**	**7,889**	**-**	**7,889**


Loudoun County Pkwy
(Dulles West Blvd
to Rt 50)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-598
0 1,400 2,800 4,200
Feet
606
50
DULLES
INTERNATIONAL
AIRPORT
FAIRFAX
COUNTY, VA
Byrne's
Ridge Park
Conklin Park
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
EVERGREEN MILLS RD
DULLES WEST BLVD
TALL CEDARS PKWY
BRADDOCK RD
NORTHSTAR BLVD
CREIGHTON RD
BELMONT RIDGE RD
SHREVEPORT DR
STONE SPRINGS BLVD
RACEFIELD LN
MILLSTREAM DR
SOUTH RIDING BLVD
WILLARD RD
PLEASANT VALLEY RD
EASTGATE VIEW DR
EDGEWATER ST
GLEN SPRING RD
LENNOX HALE DR
FREEDOM ST
CENTER ST
CLARECASTLE DR
BURKE DALE ST
HYLAND HILLS ST
MINK MEADOWS ST
TRACON RD
WORK ORDER RD
VORTAC RD
RUNWAY RD
EQUIPMENT RD
STRUCTURES RD
LOGBOOK DR
STRIKER AVE
INSTRUMENT RD
ANTENNA RD
CARTERS SCHOOL RD
BEAVER MEADOW RD
WEATHER SERVICE RD
RADIAL RD
OPERATIONS RD
LOUDOUN RESERVE DR
SUMMERSTOWN PL
STUKELY DR
FREEPORT PL
ROYDERDALE PL
HEMMINGFORD CIR
EVERGREEN RIDGE DR
MILLTOWN KNOLL SQ
HATTONTOWN WOODS TER
CARTERS MEADOW TER
HOPEWELL MANOR TER
CUMULUS TER
COBB WOODS LN
CHATELAIN CIR
EXPLORER DR
CONQUEST CIR
FALLEN HILLS DR
EVENING PRIMROSE SQ
MORNING WALK DR
TRADEWIND DR
RISING MOON PL
RINGNECK PL
MEADOW GAGE DR
BROOKSBANK SQ
SCOVE SQ
SULLY SQ
HASHBURY DR
FLEETWOOD RD
SLEEPING WOODS CT
RUNNING CIR
FOUNDERS DR
CAPTHILL SQ
TIPPERSON SQ
GRAHAMS STABLE SQ
STRATFORD LANDING DR
DREAMWEAVER DR
BENFORD SQ
SOFT SUMMER SUN SQ
KINGSTON FERRY TER
MARIGOLD MILL PL
BLOOMFIELD PATH ST
LENAH RUN
LAVENDER MEADOW DR
REVIVAL DR
WEATHERVANE PL
PADDOCK GATE PL
BRIARFIELD LN
CAMERON PARISH DR
YOUNGWOOD LN
HIDDENWOOD LN
MARIWOOD DR
SOUTH FORK BROAD RUN
MEDICAL CENTER DR
WOODGLEN SQ
TRIBBS SQ
GRAND FORK DR
TRADE WEST DR
ARCOLA BLVD
WOODSIDE LN
UPPER
DULLES LANDING DR
SILVERSTONE SQ
STONECUTTER ST
SERPENTINE PL
PEPPERBUSH PL
GREENSTONE DR
SOMERBY DR
ABNEY WOOD DR
CASTLETON DR
PINE FOREST DR
ROAD GRASS CIR
MINERAL SPRINGS CIR
CHAREE CIR
COATS SQ
BERKHAMSTED DR
GREAT
BEACH PL
ORIBI PL
DESTINY DR
PORCH LIGHT DR
SUMMERALL DR
MINDFUL CT
ST HUBERTS PL
JUSTICE DR
UNICORN DR
RIDING CENTER DR
BYRNES CROSSING SQ
LONGACRE DR
FLEMMING DR
CLAIRMONT MANOR SQ
SUCCESS DR
RACING SUN DR
WINNING GLEN
NATIONS ST
WHIPPOORWILL TER
CARRINGTON DR
CROSSFIELD DR
DANNER DR
DONEGAL DR
SPRUCE FIELD DR
ELK LICK RD
MEADOW LARK CREEK DR
UPPER CLUBHOUSE DR
PLANTING FIELD DR
POND PL
GOLF VIEW DR
SOUTH VILLAGE DR
CREEK RUN TER
KIRKWOOD CT
STINGER DR
ROBERT ROSE DR
TIPPMAN PL
DONOVAN DR
QUINLAN ST
VALIANT DR
WENDELL ST
GLASGOW DR
SPRINGDALE DR
HARTWOOD DR
FLINTRIDGE DR
RACHEL HILL DR
SHENANDOAH DR
TALAMORE DR
IVERSON DR
LUCAS DR
MURREY DR
OCALA CIR
LANDS END DR
BULL RUN POST OFFICE RD
TICONDEROGA RD
POLAND RD
CLUBBER
EASTERN MARKET PLACE
MIDDLESEX DR
PARAMOUNT PL
CEDAR HOLLOW DR
CHURCHILL GLEN DR
RAWLEY SPRINGS DR
SPRING FARM CIR
SUTTON BAY PL
WINDBRANCH
CABIN BRANCH
BROAD RUN
SUGARLAND RUN
OVERLAND DR
PEBBLE RUN PL
MITCHAM SQ
HATTONTOWN WOODS SQ

Loudoun County Parkway – Ryan Road to Shellhorn Road

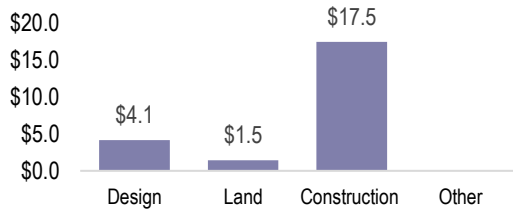
Details:

Project Number: TBD
Election District: Dulles, Broad Run
Length: 1.9 miles
Project Type: Widening
Estimated Completion Year: FY 2028
Referendum: November 2022

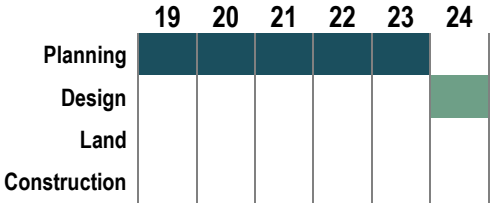
Background:

This project provides for the planning, design, right-of-way acquisition and widening of Loudoun County Parkway (Route 607) from four to six lanes between Ryan Road (Route 772) and Shellhorn Road (Route 643). This project will also include modifications to the Dulles Greenway interchange at Loudoun County Parkway to provide a loop ramp in the northwest quadrant.

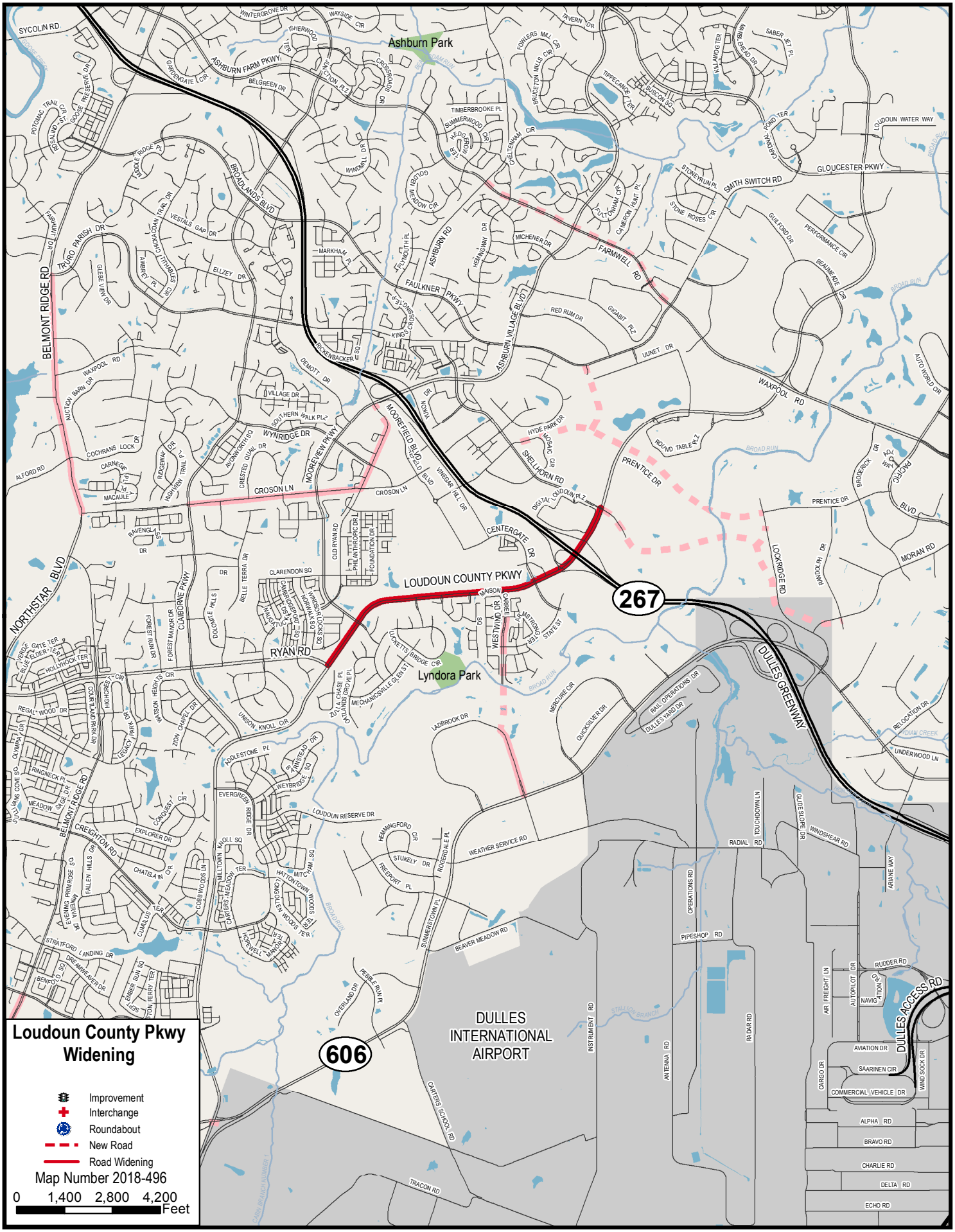
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	4,135	4,135	-	4,135
Land	-	-	-	-	-	-	-	-	1,450	1,450
Construction	-	-	-	-	-	-	-	-	17,450	17,450
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**4,135**	**4,135**	**18,900**	**23,035**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	4,135	4,135	18,900	23,035
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**4,135**	**4,135**	**18,900**	**23,035**


Loudoun County Pkwy Widening
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-496
0 1,400 2,800 4,200 Feet
Ashburn Park
Lyndora Park
DULLES INTERNATIONAL AIRPORT
LOUDOUN COUNTY PKWY
ASHBURN FARM PKWY
BELMONT RIDGE RD
NORTHSTAR BLVD
ASHBURN RD
FARMWELL RD
GLOUCESTER PKWY
SMITH SWITCH RD
WAXPOOL RD
PRENTICE DR
CROSON LN
RYAN RD
CENTERGATE DR
DULLES GREENWAY
DULLES ACCESS RD
267
606

Moorefield Boulevard – Mooreview Parkway to Moorefield Station

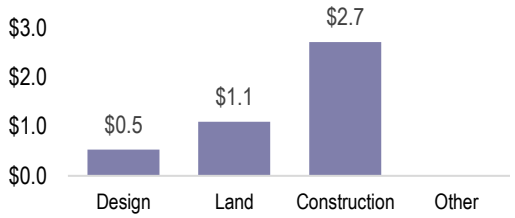
Details

Project Number: C02205
Election District: Broad Run
Length: 600 feet
Project Type: New roadway
Estimated Completion Year: FY 2022
Referendum: n/a

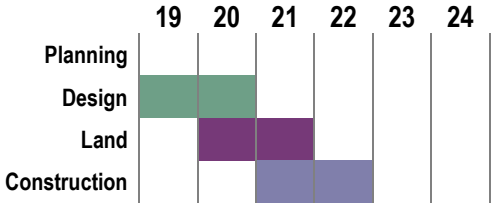
Background

This project provides for the planning, design, right-of-way acquisition, and construction of a 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.

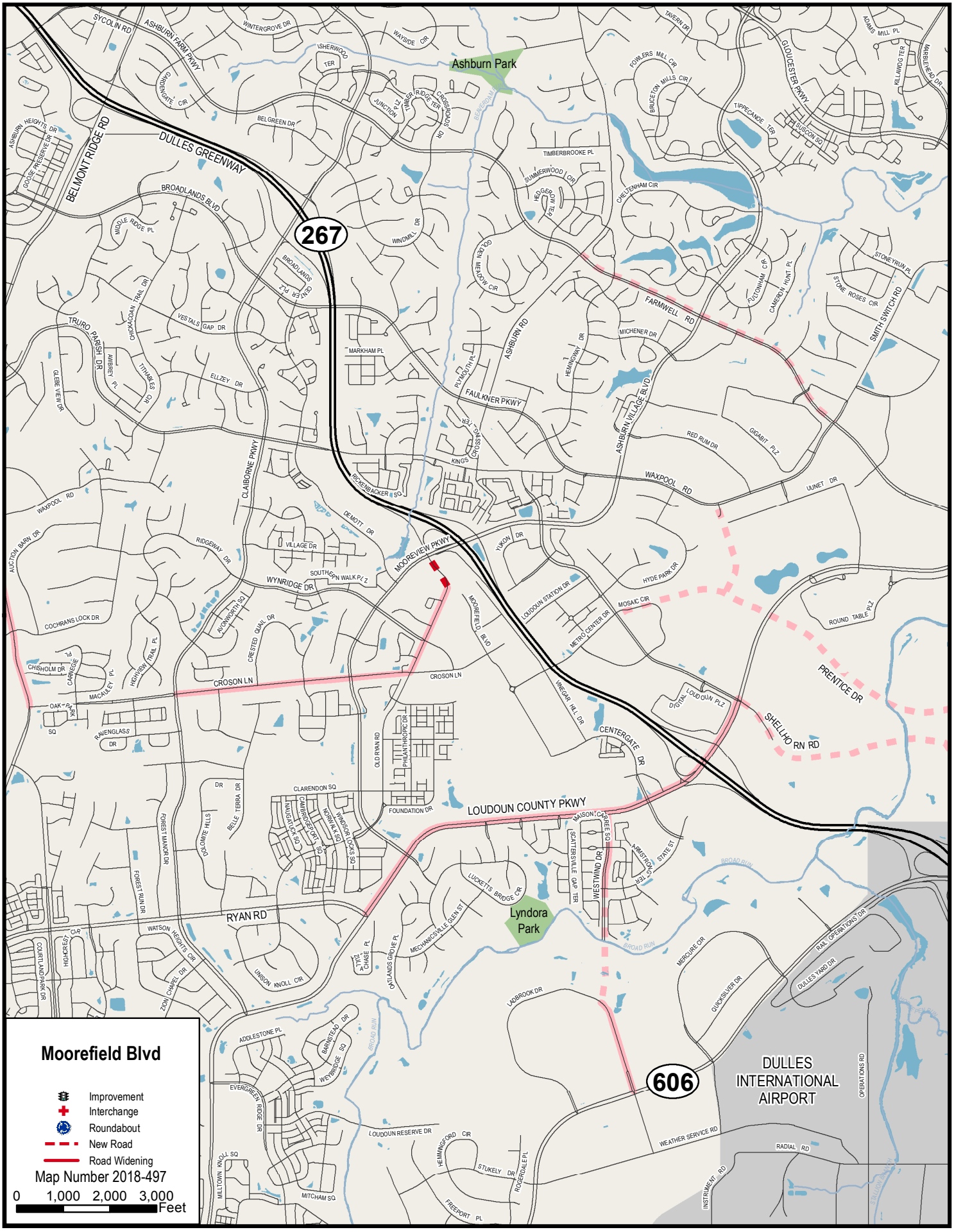
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	530	-	-	-	-	-	530	-	530
Land	-	1,100	-	-	-	-	-	1,100	-	1,100
Construction	-	2,710	-	-	-	-	-	2,710	-	2,710
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**4,340**	**-**	**-**	**-**	**-**	**-**	**4,340**	**-**	**4,340**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	4,340	-	-	-	-	-	4,340	-	4,340
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**4,340**	**-**	**-**	**-**	**-**	**-**	**4,340**	**-**	**4,340**


Moorefield Blvd
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-497
0 1,000 2,000 3,000
Feet
Ashburn Park
Lyndora Park
DULLES INTERNATIONAL AIRPORT
267
606
DULLES GREENWAY
BELMONT RIDGE RD
ASHBURN FARM PKWY
SYCOLIN RD
BROADLANDS BLVD
CLAIBORNE PKWY
ASHBURN RD
FARMWELL RD
FAULKNER PKWY
ASHBURN VILLAGE BLVD
SMITH SWITCH RD
WAXPOOL RD
MOOREVIEW PKWY
WYNRIDGE DR
CROSON LN
LOUDOUN COUNTY PKWY
CENTERGATE DR
PRENTICE DR
SHELLHORN RD
RYAN RD
GLOUCESTER PKWY
TIPPECANOE TER
TAVERN DR
FOWLERS MILL CIR
BRUCETON MILLS CIR
TIMBERBROOKE PL
SUMMERWOOD CIR
CHELTENHAM CIR
HEDGEROW TER
WINDMILL DR
GOLDEN MEADOW CIR
MARKHAM PL
RUXMOUTH PL
HEMINGWAY DR
MICHENER DR
FULTONHAM CT
CAMERON HUNT PL
STONEYRUN PL
STONE ROSES CIR
RED RUM DR
GIGABIT PLZ
UUNET DR
YUKON DR
HYDE PARK DR
MOSAIC CIR
METRO CENTER DR
LOUDOUN STATION DR
MOOREFIELD BLVD
ROUND TABLE PLZ
DIGITAL LOUDOUN PLZ
VINEGAR HILL DR
OLD RYAN RD
PHILANTHROPIC DR
FOUNDATION DR
CLARENDON SQ
CAMBRIDGE PORT SQ
NAUGATUCK SQ
NORWALK SQ
WINDSOR LOCKS SQ
DOLOMITE HILLS
BELLE TERRA DR
FOREST MANOR DR
FOREST RUN DR
WATSON HEIGHTS CIR
HIGHCREST CIR
COURTLAND PARK DR
ZION CHAPEL DR
UNISON KNOLL CIR
LUCKETTS BRIDGE CIR
MECHANICSVILLE GLEN ST
OATLANDS GROVE PL
TALL CHASE PL
WESTWIND DR
SCATTERSVILLE GAP TER
ARMSTRONG STATE ST
MAISON CAREE SQ
BROAD RUN
LADBROOK DR
MERCURE CIR
QUICKSILVER DR
DULLES YARD DR
RAIL OPERATIONS DR
OPERATIONS RD
WEATHER SERVICE RD
RADIAL RD
INSTRUMENT RD
LOUDOUN RESERVE DR
HEMMINGFORD CIR
STUKELY DR
ROGERDALE PL
FREEPORT PL
MITCHAM SQ
MILLTOWN KNOLL SQ
ADDLESTONE PL
BARNSTEAD DR
WEYBRIDGE SQ
EVERGREEN RIDGE DR
AUCTION BARN DR
COCHRANS LOCK DR
CHISHOLM DR
CARNEGIE PL
MACAULEY PL
HIGHVIEW RIVAL PL
OAK PARK SQ
RAVENGLASS DR
AVONWORTH SQ
CRESTED QUAIL DR
RIDGEWAY DR
VILLAGE DR
SOUTHERN WALK PLZ
DEMOTT DR
RECKENBACKER SQ
KING'S CROSSING TER
TRURO PARISH DR
AWBREY PL
TITHABLES CIR
GLEBE VIEW DR
ELLZEY DR
VESTALS GAP DR
CHICKAHOMAN TRAIL DR
MIDDLE RIDGE PL
GOOSE RESERVE DR
ASHBURN HEIGHTS DR
WINTERGROVE DR
WAYSIDE CIR
SHERWOOD TER
JUNCTION PL
TOWER RIDGE TER
CROSSROADS DR
BELGREEN DR
OAKRIDGE CIR
ADAMS MILL PL
KILLAWOG TER
MARBLEHEAD DR
SUSCON SQ

Northstar Boulevard – Route 50 to Tall Cedars Parkway

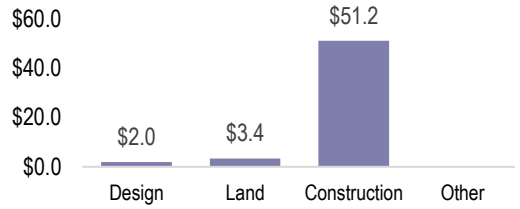
Details

Project Number: C02082
Election District: Dulles
Length: 0.6 miles
Project Type: New roadway
Estimated Completion Year: FY 2022
Referendum: n/a

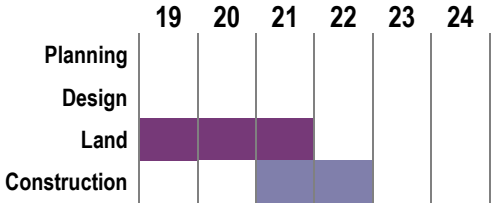
Background

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

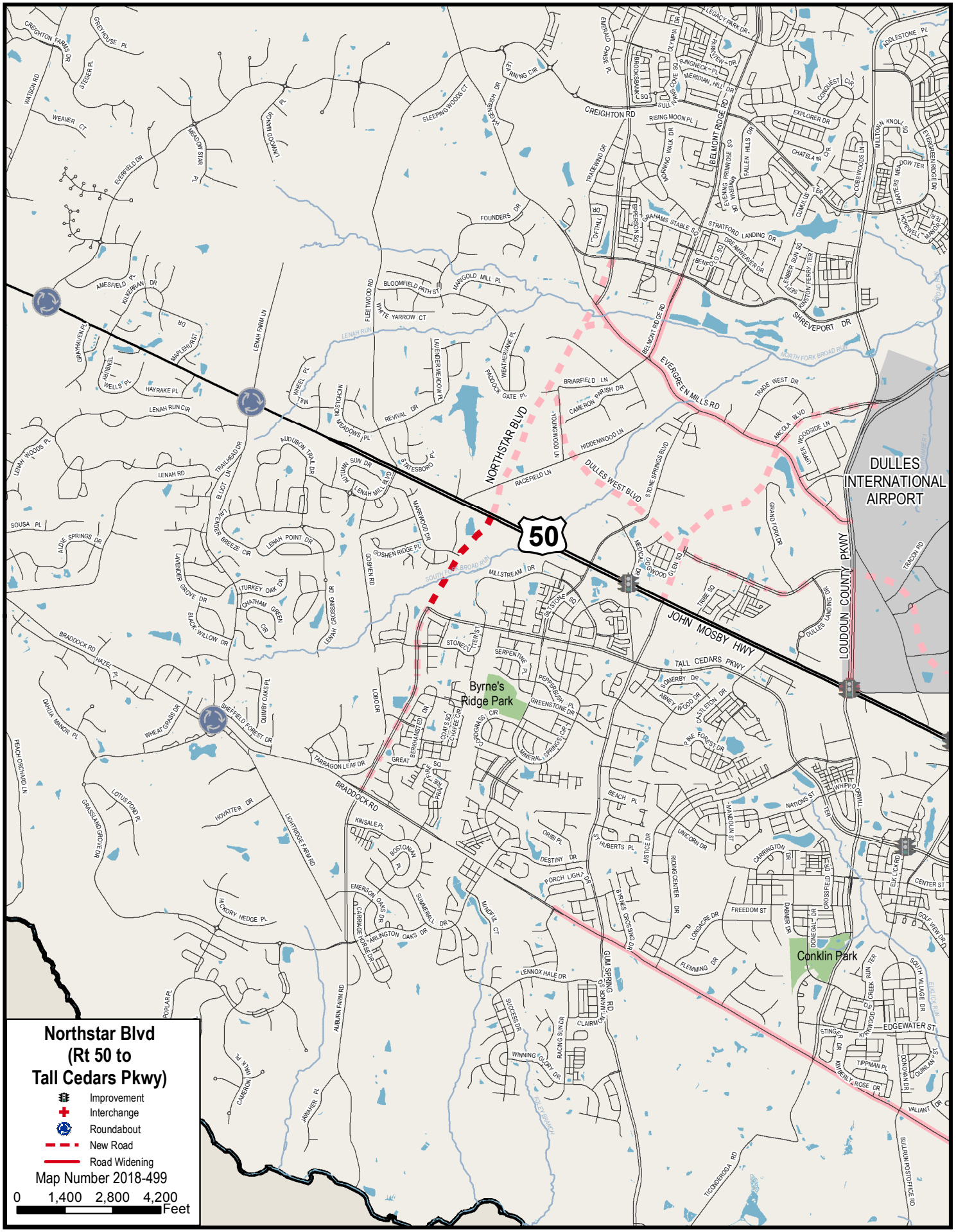
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	2,000	-	-	-	-	-	-	-	-	2,000
Land	3,432	-	-	-	-	-	-	-	-	3,432
Construction	-	5,000	46,161	-	-	-	-	51,161	-	51,161
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**5,432**	**5,000**	**46,161**	**-**	**-**	**-**	**-**	**51,161**	**-**	**56,593**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	732	-	-	-	-	-	-	-	-	732
Revenue Sharing	2,350	-	5,000	-	-	-	-	5,000	-	7,350
NVTA 70%	-	-	41,161	-	-	-	-	41,161	-	41,161
NVTA 30%	2,350	5,000	-	-	-	-	-	5,000	-	7,350
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**5,432**	**5,000**	**46,161**	**-**	**-**	**-**	**-**	**51,161**	**-**	**56,593**


Northstar Blvd
(Rt 50 to
Tall Cedars Pkwy)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-499
0 1,400 2,800 4,200
Feet
50
NORTHSTAR BLVD
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
DULLES INTERNATIONAL AIRPORT
CREIGHTON RD
EVERGREEN MILLS RD
DULLES WEST BLVD
BRADDOCK RD
SHREVEPORT DR
BELMONT RIDGE RD
RACEFIELD LN
MILLSTREAM DR
TALL CEDARS PKWY
EDGEWATER ST
Byrne's Ridge Park
Conklin Park
LENAH RUN CIR
LENAH RD
LENAH FARM LN
AUBURN FARM RD
GUM SPRING RD
NORTH FORK BROAD RUN
SOUTH FORK BROAD RUN
LENAH RUN
BROAD RUN

Northstar Boulevard – Shreveport Drive to Route 50

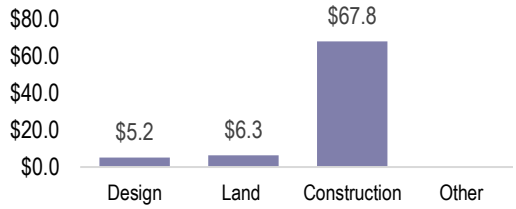
Details

Project Number: C02044
Election District: Blue Ridge
Length: 1.6 miles
Project Type: New roadway
Estimated Completion Year: FY 2024
Referendum: n/a

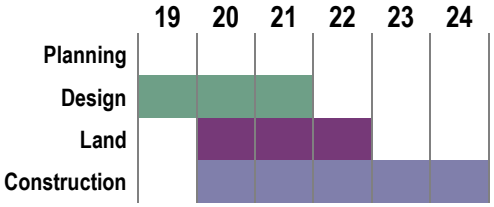
Background

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

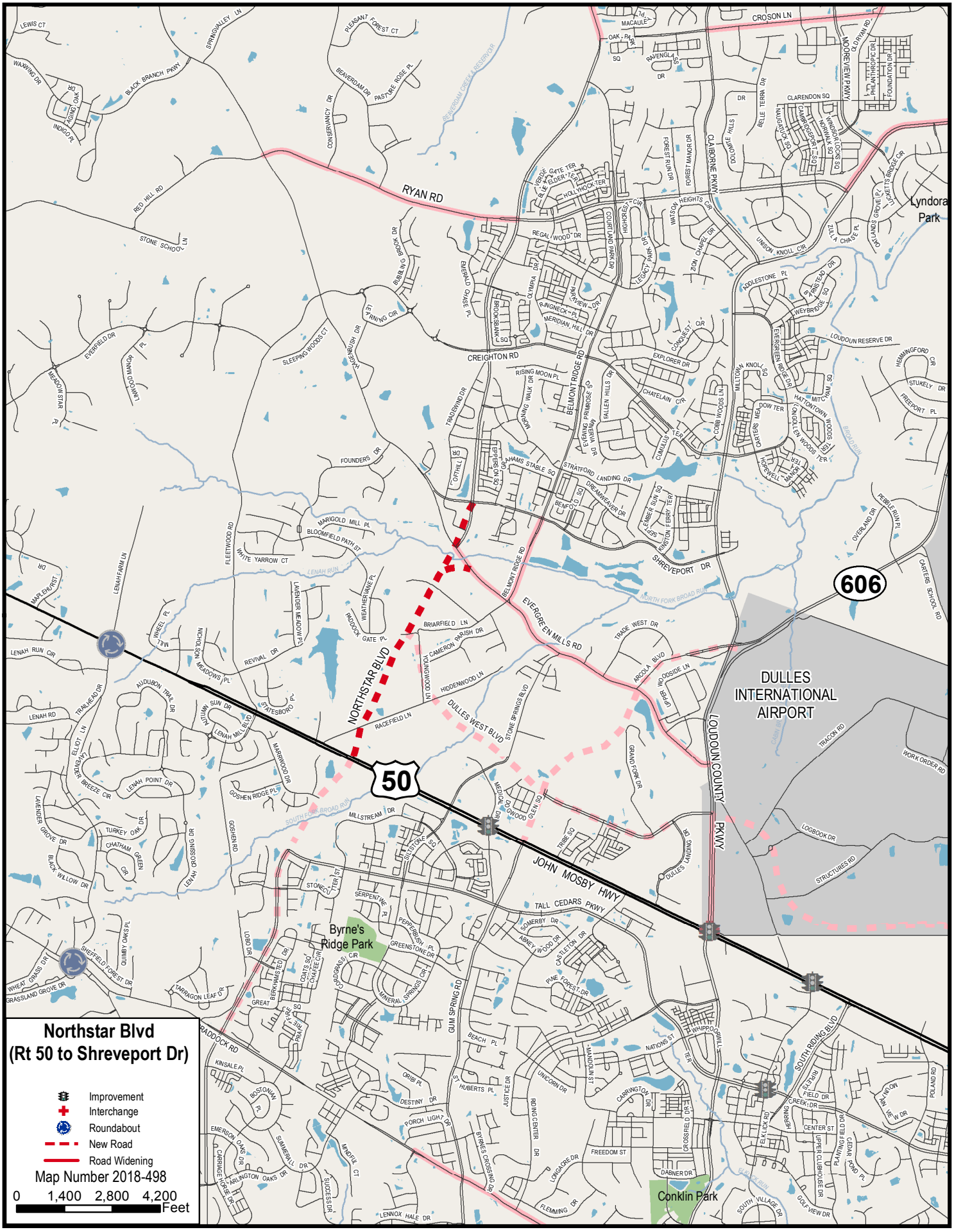
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	5,200	-	-	-	-	-	-	-	-	5,200
Land	6,259	-	-	-	-	-	-	-	-	6,259
Construction	11,196	-	56,641	-	-	-	-	56,641	-	67,837
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**22,655**	**-**	**56,641**	**-**	**-**	**-**	**-**	**56,641**	**-**	**79,296**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	3,300	-	-	-	-	-	-	-	-	3,300
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	3,470	-	-	-	-	3,470	-	3,470
Revenue Sharing	9,600	-	-	-	-	-	-	-	-	9,600
NVTA 70%	-	-	23,644	-	-	-	-	23,644	-	23,644
NVTA 30%	9,755	-	4,527	-	-	-	-	4,527	-	14,282
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	25,000	-	-	-	-	25,000	-	25,000
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**22,655**	**-**	**56,641**	**-**	**-**	**-**	**-**	**56,641**	**-**	**79,296**


Northstar Blvd
(Rt 50 to Shreveport Dr)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-498
0 1,400 2,800 4,200
Feet
RYAN RD
CROSON LN
CREIGHTON RD
SHREVEPORT DR
EVERGREEN MILLS RD
NORTHSTAR BLVD
BELMONT RIDGE RD
DULLES WEST BLVD
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
RADDOCK RD
GUM SPRING RD
TALL CEDARS PKWY
LOUDOUN RESERVE DR
DULLES INTERNATIONAL AIRPORT
Byrne's Ridge Park
Conklin Park
Lyndora Park
606
50

Northstar Boulevard –Tall Cedars Parkway to Braddock Road

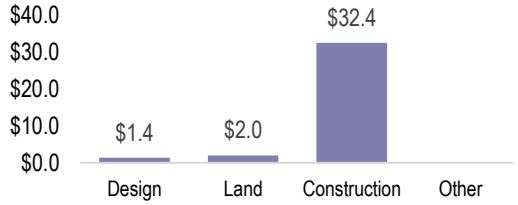
Details

Project Number: TBD
Election District: Dulles
Length: 1.1 miles
Project Type: New roadway
Estimated Completion Year: FY 2026
Referendum: n/a

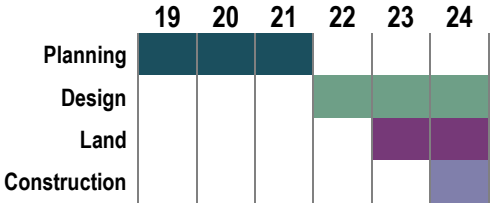
Background

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

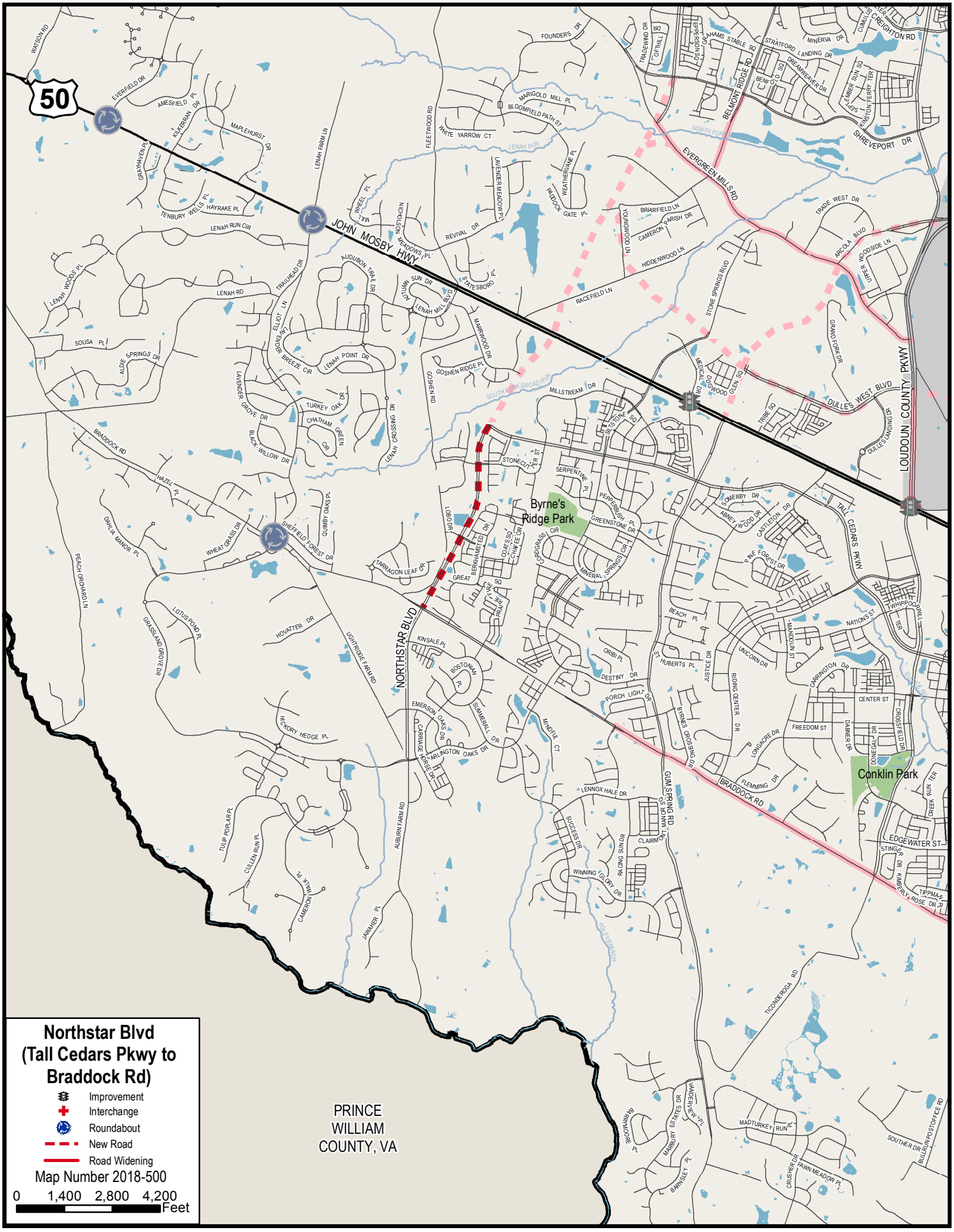
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	1,369	-	-	1,369	-	1,369
Land	-	-	-	-	2,000	-	-	2,000	-	2,000
Construction	-	-	-	-	-	-	32,407	32,407	-	32,407
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**3,369**	**-**	**32,407**	**35,776**	**-**	**35,776**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	3,369	-	-	3,369	-	3,369
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	32,407	32,407	-	32,407
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**3,369**	**-**	**32,407**	**35,776**	**-**	**35,776**


Northstar Blvd
(Tall Cedars Pkwy to
Braddock Rd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-500
0 1,400 2,800 4,200
Feet
PRINCE
WILLIAM
COUNTY, VA
NORTHSTAR BLVD
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
EVERGREEN MILLS RD
BRADDOCK RD
DULLES WEST BLVD
TALL CEDARS PKWY
Byrne's
Ridge Park
Conklin Park
50

Prentice Drive – Lockridge Road to Shellhorn Road & Waxpool Road

Details:

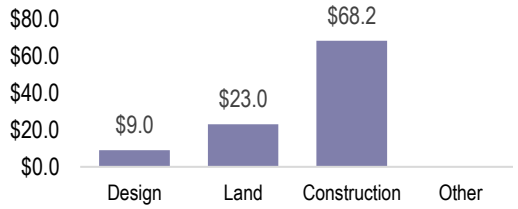
Project Number: C02124
Election District: Broad Run
Length: 1.7 miles
Project Type: Improvements and new roadway
Estimated Completion Year: FY 2024
Referendum: November 2020

Background:

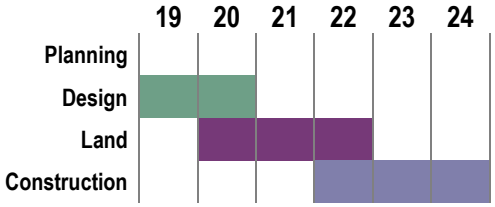
This project provides for the planning, design, right-of-way acquisition, and construction of Prentice Drive (Route 1071) from Lockridge Road (Route 789) to Shellhorn Road (Route 643) at its intersection with Metro Center Drive and a new road between Prentice Drive and Waxpool Road.

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

Phase Costs in Millions

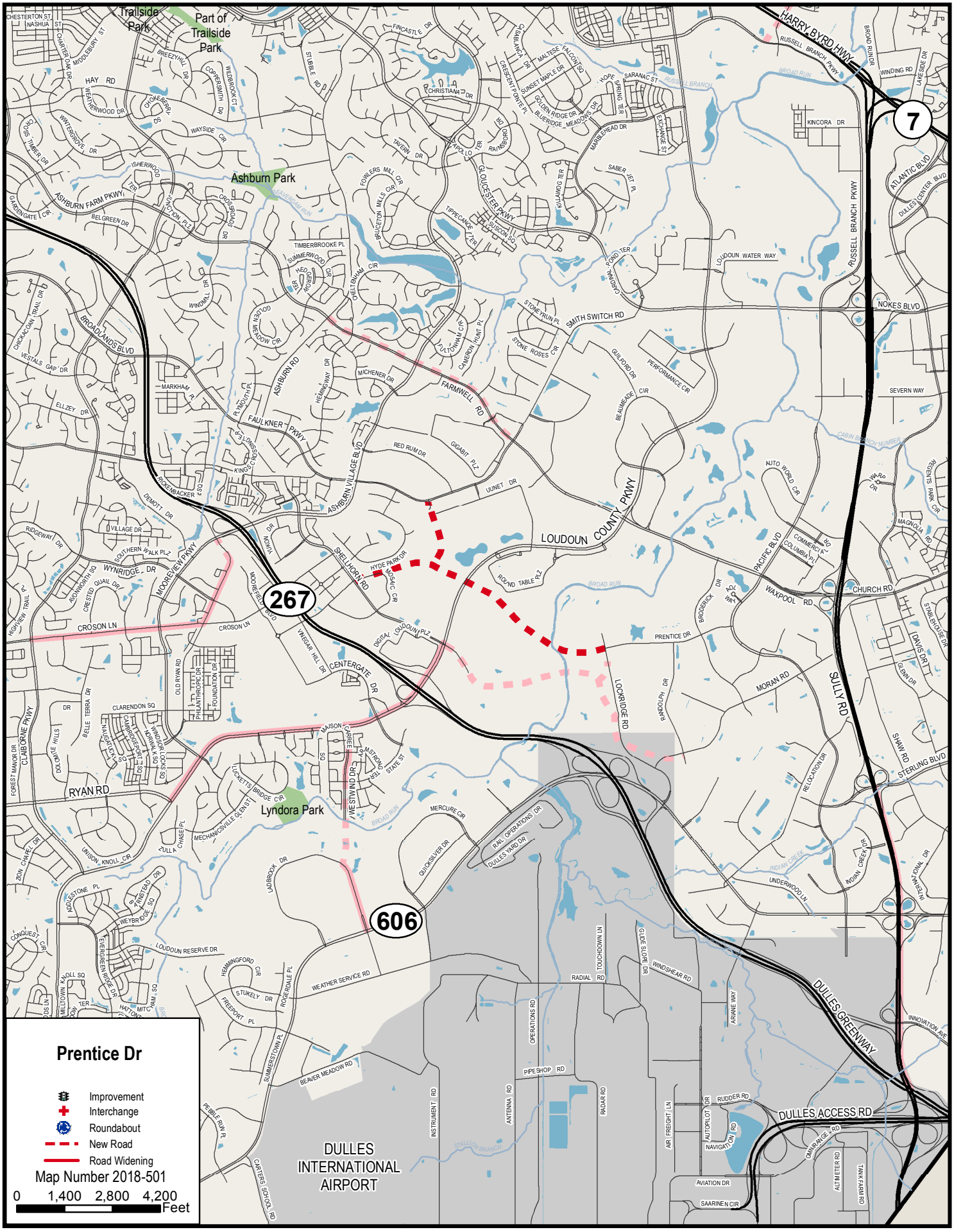


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	9,000	-	-	-	-	-	-	-	-	9,000
Land	-	-	23,000	-	-	-	-	23,000	-	23,000
Construction	-	-	53,230	-	15,000	-	-	68,230	-	68,230
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**9,000**	**-**	**76,230**	**-**	**15,000**	**-**	**-**	**91,230**	**-**	**100,230**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	9,000	-	-	-	-	-	-	-	-	9,000
General Obligation Bonds	-	-	-	-	15,000	-	-	15,000	-	15,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	76,230	-	-	-	-	76,230	-	76,230
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**9,000**	**-**	**76,230**	**-**	**15,000**	**-**	**-**	**91,230**	**-**	**100,230**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	500	1,288	1,788
Total Impact	**-**	**-**	**-**	**-**	**500**	**1,288**	**1,788**


Prentice Dr
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-501
0 1,400 2,800 4,200 Feet
DULLES INTERNATIONAL AIRPORT
Ashburn Park
Lyndora Park
Trailside Park
Part of Trailside Park
267
606
7
LOUDOUN COUNTY PKWY
ASHBURN FARM PKWY
ASHBURN RD
FARMWELL RD
FAULKNER PKWY
ASHBURN VILLAGE BLVD
MOORFIELD PKWY
CENTERGATE DR
RYAN RD
CROSON LN
CHURCH RD
WAXPOOL RD
MORAN RD
SULLY RD
DULLES ACCESS RD
DULLES GREENWAY
HARRY BYRD HWY
RUSSELL BRANCH PKWY
NOKES BLVD
SMITH SWITCH RD
LOCKRIDGE RD
PACIFIC BLVD
PRENTICE DR
BROADLANDS BLVD
CLAIBORNE PKWY
MOORE VIEW PKWY
SHELLHORN RD
LOUDOUN RESERVE DR
WEATHER SERVICE RD
BEAVER MEADOW RD
PIPE SHOP RD
RADIAL RD
WINDSHEAR RD
GLIDE SLOPE DR
TOUCHDOWN LN
OPERATIONS RD
ANTENNA RD
INSTRUMENT RD
RADAR RD
AIR FREIGHT LN
AUTOPILOT DR
NAVIGATION RD
RUDDER RD
OMNIRANGE RD
ALTIMETER RD
TANK FARM RD
AVIATION DR
SAARINEN CIR
ARIANE WAY
INNOVATION AVE
MERCURE DR
QUICKSILVER DR
RAIL OPERATIONS DR
DULLES YARD DR
UNDERWOOD LN
INDIAN CREEK DR
SHAW RD
STERLING BLVD
DAVIS DR
STABLEHOUSE DR
AUTO WORLD CIR
MAGNOLIA RD
COMMERCE PL
COLUMBIA PL
BROADRICK DR
PRENTICE DR
LOUDOUN WATER WAY
RUSSELL BRANCH PKWY
ATLANTIC BLVD
DULLES CENTER BLVD
KINCORA DR
SEVERN WAY
PERFORMANCE CIR
GUILFORD DR
BEAUMEADE CIR
STONE ROSES CIR
STONE RUN PL
POND TER
CHADWICK TER
SABER JET PL
MARBLEHEAD DR
EXCHANGE ST
SARANAC ST
HOPE SPRING TER
GOLDEN RIDGE DR
BLUERIDGE MEADOWS DR
SUNSET MAPLE DR
CRESCENT POINTE PL
MALTESE FALCON TER
CASABLANCA DR
CHRISTIANA DR
GLOUCESTER PKWY
TIPPECANOE TER
SUSCON SQ
RANSBOROUGH CIR
APOLLO TER
TAVERN DR
FOWLERS MILL CIR
BUCKSTON MILLS CIR
STUBBLE RD
FINCASTLE DR
WINDING RD
BROAD RUN DR
LAKESIDE DR
BROAD RUN
RUSSELL BRANCH
BEAVERDAM RUN
CABIN BRANCH NUMBER 1
INDIAN CREEK
STALLION BRANCH
CHESTERTON ST
NASHUA ST
MIDDLEBURY ST
CHARTER OAK DR
HAY RD
BREEZYHILL DR
COPPERSMITH DR
WILDBROOK CT
WEATHERWOOD DR
CHOKEBERRY DR
WAYSIDE CIR
WINTERGROVE DR
CROSS TIMBER DR
ISHERWOOD TER
GARDENGATE CIR
CROSSROADS DR
BELGREEN DR
LONGSHORE PL
TIMBERBROOKE PL
SUMMERWOOD CIR
HEDGEROW TER
CHELTENHAM CIR
WINDMILL DR
GOLDEN MEADOW CIR
CHICKACOIN TRAIL DR
VESTALS GAP DR
ELLZEY DR
MARKHAM PL
R MOUTH PL
KINGSCROSS TER
KINGSCROSS CIR
ROCKINGHAM DR
DEMOTT DR
VILLAGE DR
RIDGEWAY DR
SOUTHERN WALK PLZ
WYNRIDGE DR
AVONWORTH SQ
CRESTED QUAIL DR
HIGHVIEW TRAIL
NOVIA DR
HEMINGWAY DR
MICHENER DR
CAMERON HUNT PL
FULTONHAM CIR
GIGABIT PLZ
RED RUM DR
LUNET DR
ROUND TABLE PLZ
HYDE PARK DR
MOSAIC CIR
DIGITAL LOUDOUN PLZ
VINEGAR HILL DR
OLD RYAN RD
PHILANTHROPIC CIR
FOUNDATION DR
BELLE TERRA DR
CLARENDON SQ
CAMBRIDGE SQ
WINDSOR LOCKS SQ
NORWALK SQ
HAUGAN GLEN SQ
DOLOMITE HILLS
FOREST MANOR DR
LUCKETTS BRIDGE CIR
MECHANICSVILLE GLEN ST
CHASE PL
ZULL PL
UNISON KNOLL CIR
ZION CHAPEL DR
ADDLESTONE PL
WESTWIND DR
MAISON CARRIERE SQ
MSTRONG TER
STATE ST
LADBROOK DR
WESTWIND DR
WINSTEAD DR
NEYBRIDGE SQ
EVERGREEN RIDGE DR
CONQUEST CIR
HEMMINGFORD CIR
STUKELY DR
FREEPORT PL
ROGERDALE PL
SUMMERSTOWN PL
PEBBLE RUN PL
CARTERS SCHOOL RD
HAMILTOWN KNOLL SQ
MITCHAM SQ
HATTON TER

Route 15 & Braddock Road – Roundabout

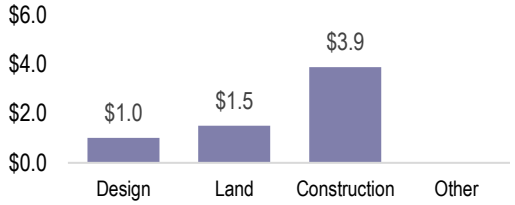
Details

Project Number: TBD
Election District: Blue Ridge
Length: 0.3 miles
Project Type: New roundabout
Estimated Completion Year: FY 2028
Referendum: November 2022

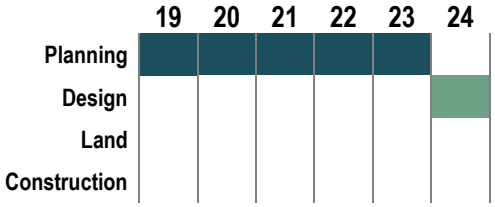
Background

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

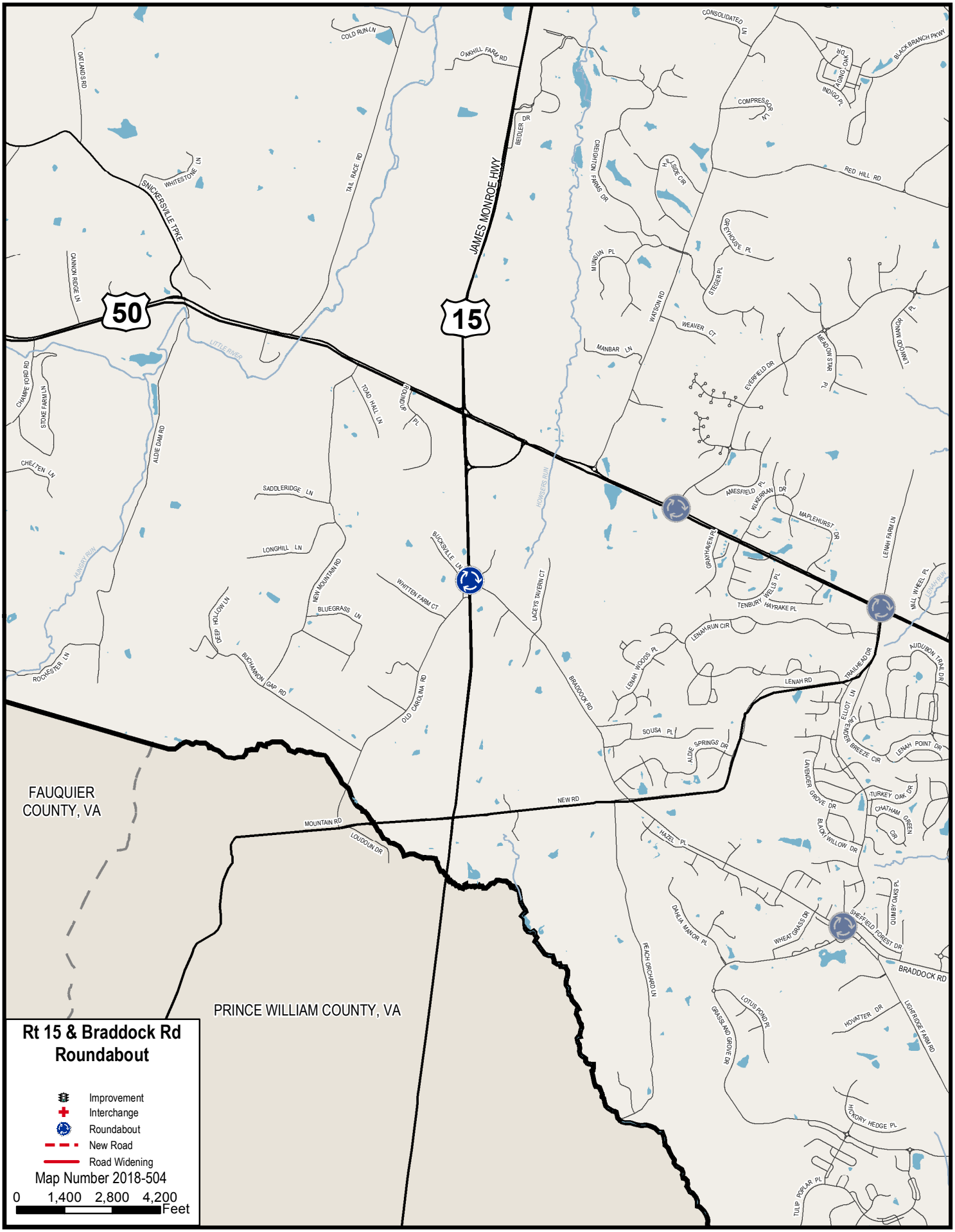
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Land	-	-	-	-	-	-	-	-	1,500	1,500
Construction	-	-	-	-	-	-	-	-	3,885	3,885
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**5,385**	**6,400**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	2,985	4,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	2,400	2,400
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**5,385**	**6,400**

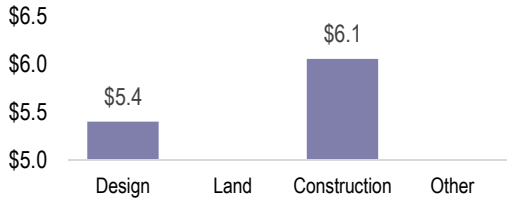

Rt 15 & Braddock Rd
Roundabout
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-504
0 1,400 2,800 4,200
Feet
FAUQUIER
COUNTY, VA
PRINCE WILLIAM COUNTY, VA
50
15
JAMES MONROE HWY
SNICKERSVILLE TPKE
BRADDOCK RD
NEW RD
LENAH RD
MOUNTAIN RD
LITTLE RIVER
KONNERS RUN
MANOR RUN

Route 15 Bypass/Edwards Ferry Road – Interchange

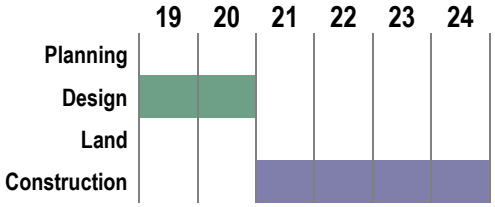
Details:

Project Number: C02081
Election District: Leesburg
Length: 0.8 miles
Project Type: New interchange
Estimated Completion Year: TBD
Referendum: n/a

Phase Costs in Millions



Project Phase Timeline by FY



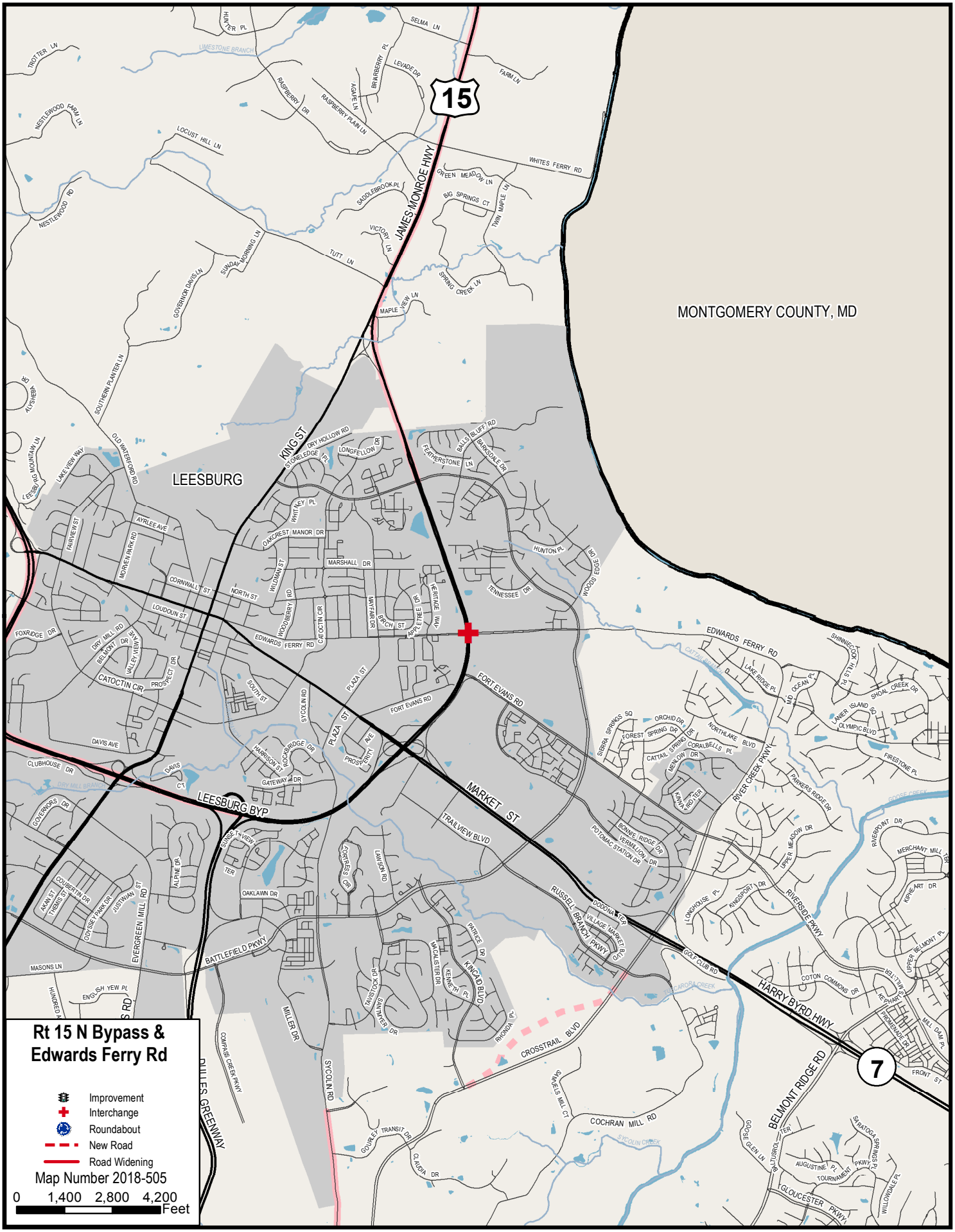
Background:

This project will construct a new interchange at the Route 15 Bypass intersections of Edwards Ferry Road and Fort Evans Road, including new crosswalks and sidewalks along the Route 15 Bypass at Edwards Ferry Road and Fort Evans Road, and a new shared use path along westbound Fort Evans Road. The project aims to relieve congestion, increase capacity, and improve safety.

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 VDOT.

There is no County appropriation or funding for this project. This project is funded using Regional Surface Transportation Program (RSTP) and NVTA 70 percent grant funds.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	5,400	-	-	-	-	-	-	-	-	5,400
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,204	1,500	1,650	1,700	6,054	-	6,054
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**5,400**	**-**	**-**	**1,204**	**1,500**	**1,650**	**1,700**	**6,054**	**-**	**11,454**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	5,400	-	-	-	-	-	-	-	-	5,400
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	1,204	1,500	1,650	1,700	6,054	-	6,054
Total Financing	**5,400**	**-**	**-**	**1,204**	**1,500**	**1,650**	**1,700**	**6,054**	**-**	**11,454**


Rt 15 N Bypass &
Edwards Ferry Rd
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-505
0 1,400 2,800 4,200
Feet
LEESBURG
MONTGOMERY COUNTY, MD
15
7
KING ST
JAMES MONROE HWY
LEESBURG BYP
MARKET ST
EDWARDS FERRY RD
FORT EVANS RD
BELMONT RIDGE RD
HARRY BYRD HWY
GOLF CLUB RD
RUSSELL BRANCH PKWY
CROSSTRAIL BLVD
BATTLEFIELD PKWY
EVERGREEN MILL RD
KINCAID BLVD
TRAILVIEW BLVD
RIVER CREEK PKWY
RIVERSIDE PKWY
COCHRAN MILL RD
SYCOLIN RD
MILLER DR
DAVIS AVE
CLUBHOUSE DR
MASONS LN
CATOCTIN CIR
DRY MILL RD
FOXRIDGE DR
CORNWALL ST
LOUDOUN ST
NORTH ST
SOUTH ST
PLAZA ST
MARSHALL DR
TENNESSEE DR
HUNTON PL
OAKLAWN DR
GOVERNORS DR
ALPINE DR
JUSTINIAN ST
COMPASS CREEK PKWY
GOURLEY TRANSIT DR
CLAUDIA DR
RHONDA PL
SAMUELS MILL CT
GOOSE GLEN LN
GLOUCESTER PKWY
TOURNAMENT PKWY
AUGUSTINE PL
SARATOGA SPRINGS PL
WILLOWDALE PL
FRONT ST
MILL DAM PL
PROMENADE DR
COTON COMMONS DR
MERCHANT MILL TER
RIVERPOINT DR
UPPER BELMONT PL
KIPHEART DR
PARKERS RIDGE DR
FIRESTONE PL
SHOAL CREEK DR
OLYMPIC BLVD
NORTHLAKE BLVD
CORALBELLS PL
CATTAIL SPRING DR
MERILON DR
ORCHID DR
FOREST SPRING DR
SIERRA SPRINGS SQ
LAKE RIDGE PL
OCEAN PL
SHINNECOCK HILLS PL
JANIER ISLAND SQ
BONNIE RIDGE DR
VERMILION DR
POTOMAC STATION DR
LONGHOUSE PL
KINGSPORT DR
UPPER MEADOW DR
VILLAGE MARKET BLVD
DOGWOOD TER
PATRICE DR
MACALISTER DR
KENNEY PL
DAVISTOCK DR
SMITHFIELD DR
CARTERS CT
LAWSON RD
LONGVIEW TER
ALPHA DR
COLUBERTIN DR
TREMIS ST
AVAN ST
ODYSSEY PARK DR
ENGLISH YEW PL
HUNDRED RD
S RD
BULLES GREENWAY
DRY HOLLOW RD
STONELEDGE PL
LONGFELLOW DR
FEATHERSTONE LN
DALES BLUFF RD
BARNSDALE DR
WHITNEY PL
OAKCREST MANOR DR
WILDMAN ST
WOODBERRY RD
MAYFAIR DR
BIRCH ST
ARLETREE SQ
HERITAGE WAY
WOODS EDGE DR
PROSPECT ST
PROSPECT AVE
HARRISON ST
LOCKBRIDGE DR
GATEWAY DR
AYRLEE AVE
PARKVIEW ST
MORVEN PARK RD
LAKE VIEW WAY
OLD WATERFORD RD
LEESBURG MOUNTAIN LN
ALTSHER RD
SOUTHERN PLANTER LN
GOVERNOR DAVIS LN
SUNDAY MORNING LN
NESTLEWOOD RD
NESTLEWOOD FARM LN
TROTTER LN
HUNTER PL
LIMESTONE BRANCH
SELMA LN
BRIARBERRY PL
LEVADE DR
AGAVE LN
RASPBERRY DR
RASPBERRY PLAIN LN
FARM LN
LOCUST HILL LN
WHITES FERRY RD
GREEN MEADOW LN
BIG SPRINGS CT
TWIN MAPLE LN
SADDLEBROOK PL
VICTORY LN
TUTT LN
SPRING CREEK LN
MAPLE VIEW LN
CATTAIL CREEK
GOOSE CREEK
CAROLA CREEK
SYCOLIN CREEK

Route 15 – Battlefield Parkway to Montresor Road

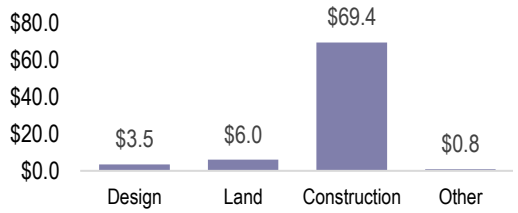
Details

Project Number: C02212
Election District: Catoctin, Leesburg
Length: 3.5 miles
Project Type: Widening and intersection improvements
Estimated Completion Year: FY 2025
Referendum: November 2021

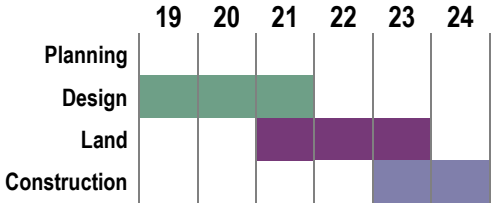
Background

This project provides funding for the planning, design, right-of-way acquisition, and widening of Route 15 from two to four lanes from Battlefield Parkway in the Town of Leesburg to Montresor Road (Route 661). This project also includes intersection improvements at King Street, Whites Ferry Road, and Montresor Road.

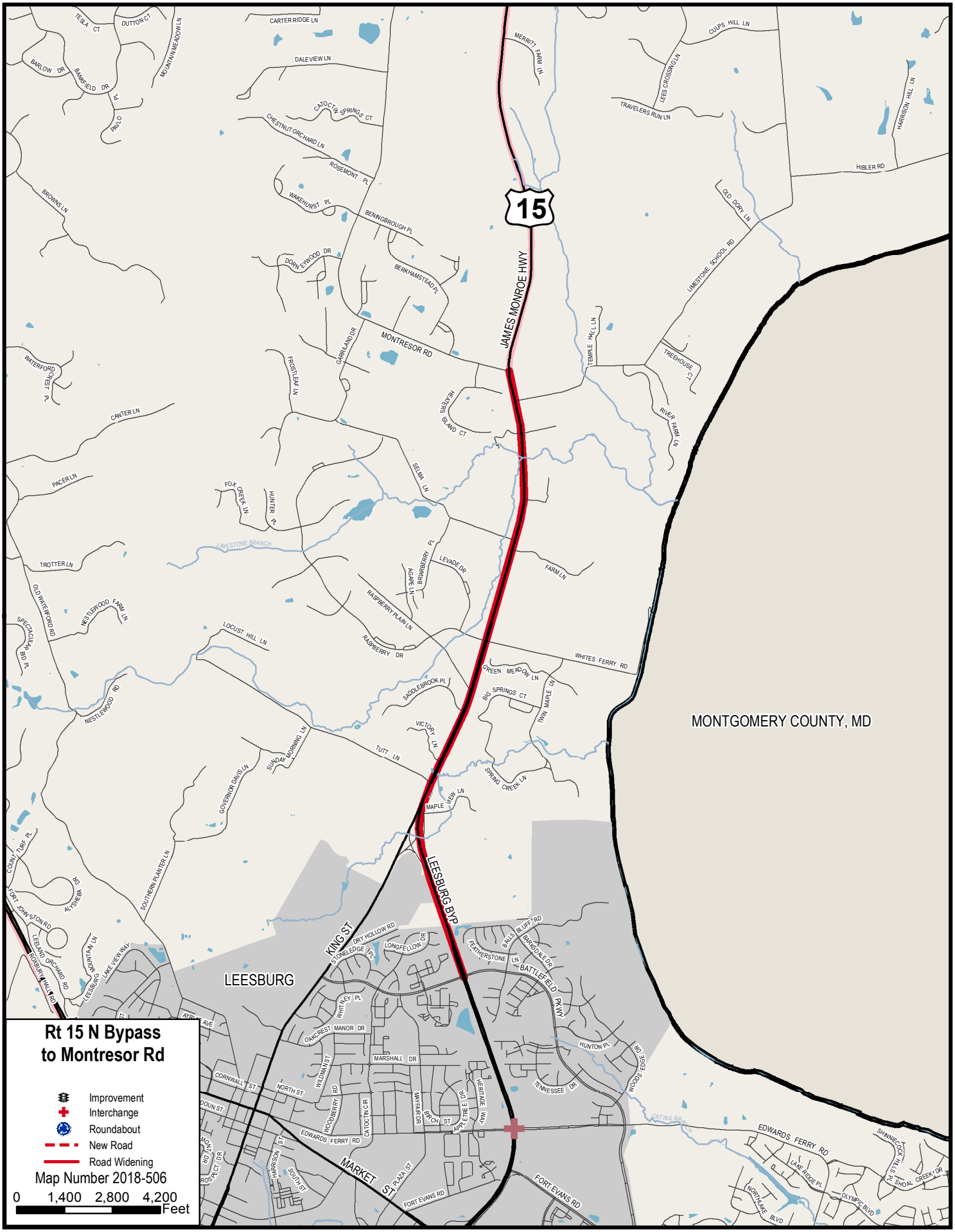
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	3,500	-	-	-	-	-	3,500	-	3,500
Land	-	-	-	6,000	-	-	-	6,000	-	6,000
Construction	-	-	-	48,000	-	21,435	-	69,435	-	69,435
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	835	-	-	-	835	-	835
Total Cost	**-**	**3,500**	**-**	**54,835**	**-**	**21,435**	**-**	**79,770**	**-**	**79,770**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	3,500	-	835	-	-	-	4,335	-	4,335
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	15,835	-	15,835	-	15,835
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	54,000	-	-	-	54,000	-	54,000
NVTA 30%	-	-	-	-	-	5,600	-	5,600	-	5,600
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**3,500**	**-**	**54,835**	**-**	**21,435**	**-**	**79,770**	**-**	**79,770**


Rt 15 N Bypass
to Montresor Rd
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-506
0 1,400 2,800 4,200
Feet
15
JAMES MONROE HWY
LEESBURG BYP
MONTRESOR RD
KING ST
MARKET ST
EDWARDS FERRY RD
FORT EVANS RD
WHITES FERRY RD
LEESBURG
MONTGOMERY COUNTY, MD
LIMESTONE BRANCH
CARTER RIDGE LN
DALE VIEW LN
CHESTNUT ORCHARD LN
ROSEMONT PL
WAKEHURST PL
BENNINGBROUGH PL
DOONEYWOOD DR
BERKHAMSTEAD PL
GARRILAND DR
FROSTLEAF LN
HERONS CT
SELMA LN
FOX CREEK LN
HUNTER PL
BRIARBERRY PL
LEVADE DR
FARM LN
RASPBERRY PLAIN LN
RASPBERRY DR
SADDLEBROOK PL
GREEN MEADOW LN
BIG SPRINGS CT
TWIN MAPLE LN
VICTORY LN
SPRING CREEK LN
MAPLE VIEW LN
TUTT LN
SUNDAY MORNING LN
GOVERNOR DAVIS LN
SOUTHERN PLANTER LN
NESTLEWOOD RD
NESTLEWOOD FARM LN
OLD WATERFORD RD
SPECTACULAR BID PL
LOCUST HILL LN
TROTTER LN
PACER LN
CANTER LN
WATERFORD CREST PL
TESLA CT
DUTTON CT
BARLOW DR
BAMFIELD DR
PAYLO PL
MOUNTAINMEADOW LN
BROWNS LN
MERRITT FARM LN
CULPS HILL LN
LEES CROSSING LN
TRAVELERS RUN LN
HARRISON HILL LN
HIBLER RD
OLD DORY LN
LIMESTONE SCHOOL RD
TEMPLE HALL LN
TREEHOUSE CT
RIVER FARM LN
DRY HOLLOW RD
STONE EDGE PL
LONGFELLOW DR
FEATHERSTONE LN
BALES BLUFF RD
BARKSDALE DR
BATTLEFIELD PKWY
WHITNEY PL
OAKCREST MANOR DR
MARSHALL DR
HUNTON PL
WOODS EDGE DR
TENNESSEE DR
CORNWALL ST
NORTH ST
WILDMAN ST
WOODBERRY RD
CATOCTIN CIR
MAYFAIR DR
BIRCH ST
APPLETREE LN
HERITAGE WAY
DOWN ST
SOUTH ST
HARRISON ST
PLAZA ST
LAKE RIDGE PL
SHOAL CREEK DR
OLYMPIC BLVD
NORTHLAKE BLVD
SHINNECOCK HILLS
CATTAIL BRANCH
FORT JOHNSTON RD
LEESBURG OUTLET VILLAGE LN
LAKE VIEW WAY
LEESBURG ORCHARD RD
ROSBURY HALL RD
COUNTY TURF PL
ALTOHEBA DR
AYR AVE

Route 15 Montresor Road and Point of Rocks Bridge - Improvements

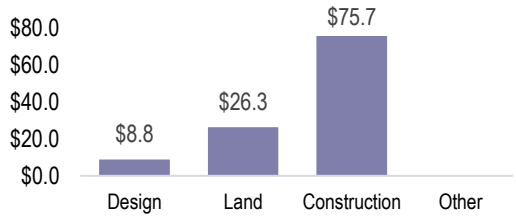
Details

Project Number: TBD
Election District: Catoctin
Length: TBD
Project Type: Intersection and safety improvements
Estimated Completion Year: FY 2029
Referendum: November 2020

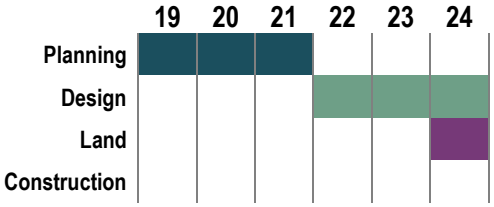
Background

This project provides for the design, land acquisition, utility relocation, and construction for spot improvements including roundabouts, turn lanes, shoulders, and other safety related improvements.

Phase Costs in Millions

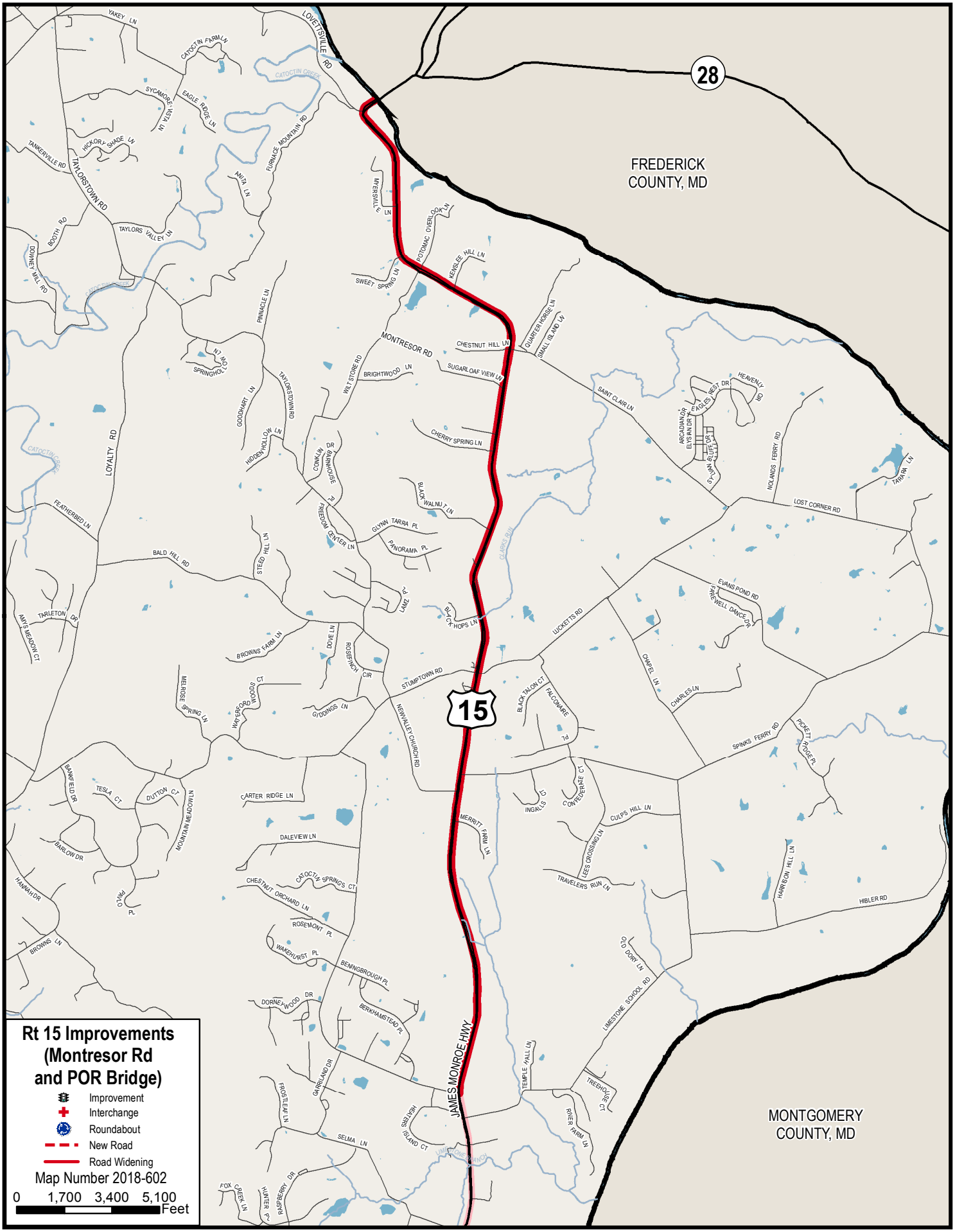


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	8,830	-	-	8,830	-	8,830
Land	-	-	-	-	-	-	26,255	26,255	-	26,255
Construction	-	-	-	-	-	-	-	-	75,700	75,700
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**8,830**	**-**	**26,255**	**35,085**	**75,700**	**110,785**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,300	-	25,505	30,805	75,700	106,505
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	3,530	-	750	4,280	-	4,280
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**8,830**	**-**	**26,255**	**35,085**	**75,700**	**110,785**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	250	250
Total Impact	**-**	**-**	**-**	**-**	**-**	**250**	**250**


FREDERICK
COUNTY, MD
MONTGOMERY
COUNTY, MD
28
15
JAMES MONROE HWY
MONTRESOR RD
STUMPTOWN RD
LOVETTSVILLE RD
TAYLORSTOWN RD
LOYALTY RD
BALD HILL RD
FEATHERBED LN
LUCKETTS RD
SPINKS FERRY RD
LOST CORNER RD
EVANS POND RD
HIBLER RD
LIMESTONE SCHOOL RD
NEW VALLEY CHURCH RD
CHESTNUT HILL LN
SWEET SPRING LN
CHERRY SPRING LN
SUGARLOAF VIEW LN
SAINT CLAIR LN
BRIGHTWOOD LN
CARTER RIDGE LN
DALEVIEW LN
CULPS HILL LN
MERRITT FARM LN
TRAVELERS RUN LN
BENNINGBROUGH PL
ROSEMONT PL
WAKEHURST PL
CHESTNUT ORCHARD LN
CATOCTIN SPRING'S CT
SELMA LN
TEMPLE HALL LN
RIVER FARM LN
TREBHOR CT
OLD DORT LN
HARRISON HILL LN
PICKETT RIDGE PL
CHARLES LN
CHAPEL LN
CONFEDERATE CT
INGALLS CT
BLACK TALON CT
FALCONARE PL
GLYNN TARRA PL
PANORAMA PL
BLACK WALNUT LN
FREEDOM CENTER LN
CROOKLYN DR
BARNHOUSE PL
HIDDEN HOLLOW LN
GOODHART LN
SPRINGHOUSE LN
PINNACLE LN
WILTSTORE RD
POTOMAC OVERLOOK LN
KENSLEE HILL LN
QUARTER HORSE LN
SMALL ISLAND LN
CHESTNUT HILL LN
HEAVENLY REST DR
EAGLES VIEW DR
ARCADIAN DR
ELYSIAN DR
SKYLINE DR
NOLANDS FERRY RD
TARRA LN
LAMZ PL
STEED HILL LN
DOVE LN
ROSEFINCH CIR
BROWNS FARM LN
MELROSE SPRING LN
WATERFORD WOODS CT
GRIDDINGS LN
AMY'S MEADOW CT
TARLETON DR
BANFIELD DR
TESLA CT
DUTTON CT
MOUNTAIN MEADOW LN
BARLOW DR
HANNAH DR
BROWNS LN
PENTO PL
DORNEYWOOD DR
BERKHAMSTEAD PL
GARRILAND DR
FROSTLEAF LN
ISLAND CT
HIGH RIDGE CT
FOX CREEK LN
HUNTER PL
RASPBERRY DR
YAKEY LN
CATOCTIN FARM LN
SYCAMORE LN
EAGLE RIDGE LN
HICKORY SHADE LN
TANKERSVILLE RD
MAYA LN
FURNACE MOUNTAIN RD
BOOTH RD
TAYLORS VALLEY LN
DOWNEY MILL RD
MYERSVILLE LN
CATOCTIN CREEK
CLARKS RUN
Rt 15 Improvements
(Montresor Rd
and POR Bridge)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-602
0 1,700 3,400 5,100
Feet

Route 28 – Dulles Toll Road to Sterling Boulevard

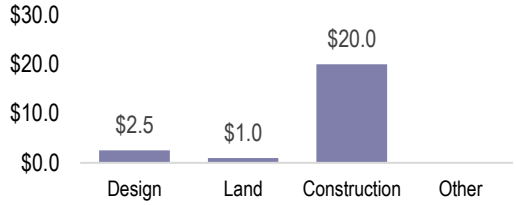
Details

Project Number: n/a
Election District: Dulles, Broad Run
Length: 1.5 miles
Project Type: Widening
Estimated Completion Year: FY 2020
Referendum: n/a

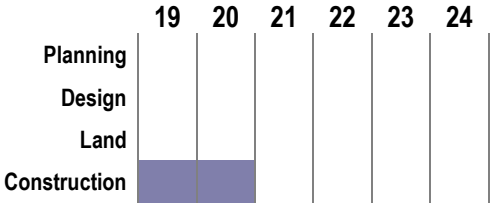
Background
This project provides for the planning, design, right-of-way acquisition, and construction of a fourth lane along Route 28 northbound from Dulles Toll Road to Sterling Boulevard. VDOT will administer the design and construction of this project.

There is no County appropriation or funding for this project. This project is funded using NVTA 70% regional funds, and Route 28 tax district funds.

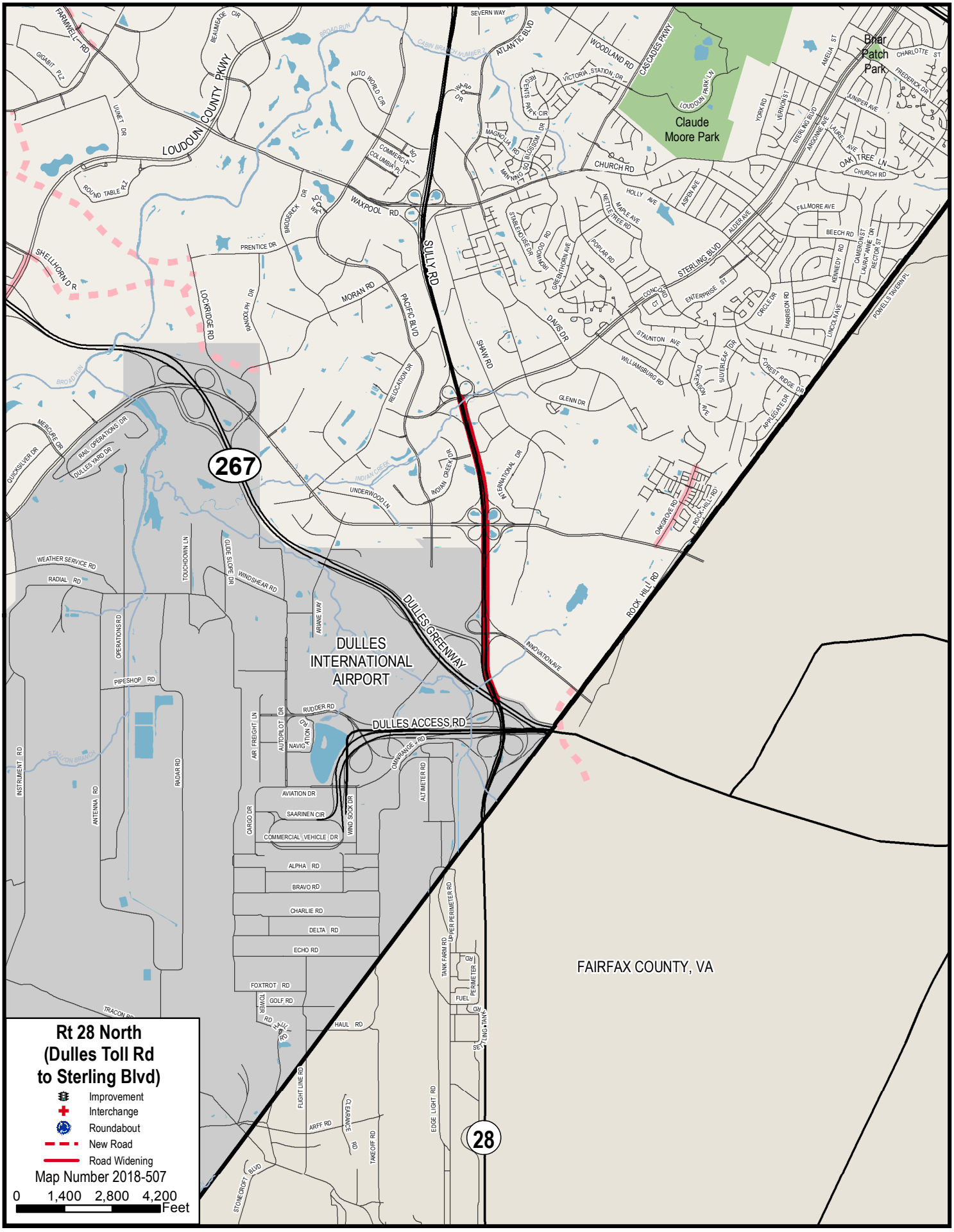
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	2,523	-	-	-	-	-	-	-	-	2,523
Land	985	-	-	-	-	-	-	-	-	985
Construction	-	20,000	-	-	-	-	-	20,000	-	20,000
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**3,508**	**20,000**	**-**	**-**	**-**	**-**	**-**	**20,000**	**-**	**23,508**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	20,000	-	-	-	-	-	20,000	-	20,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Route 28 Tax District	3,508	-	-	-	-	-	-	-	-	-
Total Financing	**3,508**	**20,000**	**-**	**-**	**-**	**-**	**-**	**20,000**	**-**	**23,508**


Rt 28 North
(Dulles Toll Rd
to Sterling Blvd)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-507
0 1,400 2,800 4,200
Feet
DULLES
INTERNATIONAL
AIRPORT
FAIRFAX COUNTY, VA
Claude
Moore Park
Briar
Patch
Park
267
28
LOUDOUN COUNTY PKWY
SULLY RD
DULLES GREENWAY
DULLES ACCESS RD
ROCK HILL RD
STERLING BLVD
CHURCH RD
WAXPOOL RD
MORAN RD
PACIFIC BLVD
SHAW RD
DAVIS DR
WILLIAMSBURG RD
GLENN DR
INNOVATION AVE
ATLANTIC BLVD
WOODLAND RD
CASCADES PKWY
SEVERN WAY
SHELLHORN DR
PRENTICE DR
LOCKRIDGE RD
RELOCATION DR
INTERNATIONAL DR
UNDERWOOD LN
INDIAN CREEK DR
BROAD RUN
WEATHER SERVICE RD
RADIAL RD
TOUCHDOWN LN
GLIDE SLOPE DR
WINDSHEAR RD
ARIANE WAY
OPERATIONS RD
PIPESHOP RD
RAIL OPERATIONS DR
DULLES YARD DR
MERCURE DR
QUICKSILVER DR
RUDDER RD
AUTOPILOT DR
NAVIGATION RD
AIR FREIGHT LN
AVIATION DR
SAARINEN CIR
COMMERCIAL VEHICLE DR
CARGO DR
WIND SOCK DR
ALPHA RD
BRAVO RD
CHARLIE RD
DELTA RD
ECHO RD
FOXTROT RD
GOLF RD
HAUL RD
TOWER RD
ALTIMETER RD
RADAR RD
INSTRUMENT RD
ANTENNA RD
OMNIRANGE RD
TANK FARM RD
UPPER PERIMETER RD
PERIMETER RD
FUEL RD
SETTLING TANK RD
EDGE LIGHT RD
FLIGHT LINE RD
TAKEOFF RD
CLEARANCE RD
ARFF RD
TRACON RD
STONECROFT BLVD
LOUDOUN PARK LN
VICTORIA STATION DR
MAGNOLIA RD
MISSION DR
HOLLY AVE
ASPEN AVE
MAPLE AVE
NETTLETREE RD
POPLAR RD
GREENTHORN AVE
ENTERPRISE ST
CONCORD CT
CIRCLE DR
HARRISON RD
KENNEDY RD
LINCOLN AVE
FILLMORE AVE
BEECH RD
ALDER AVE
OAK TREE LN
JUNIPER AVE
LAUREL AVE
ARGONNE AVE
STERLING BLVD
YORK RD
VERNON ST
AMELIA ST
CHARLOTTE ST
FREDERICK DR
CAMERON ST
LAURA ANNE DR
RECTOR ST
POWELLS TAVERN PL
STAUNTON AVE
SILVERLEAF DR
FOREST RIDGE DR
APPLEGATE DR
OAKGROVE RD
ROCK HILL RD
BEAUMEADE CIR
PARMWELL RD
GIGABIT PLZ
UMET DR
ROUND TABLE PLZ
AUTO WORLD CIR
COMMERCIAL PL
COLUMBIA PL
BRODERICK DR
WAXPOOL CT
WARP DR
MANNING DR
STABLEHOUSE DR
INDIAN CREEK DR
PAXTON DR
MERIDIAN PARK CIR

Route 50 & Everfield Drive – Roundabout

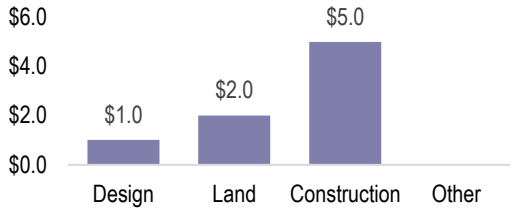
Details:

Project Number: TBD
Election District: Blue Ridge
Length: 0.3 miles
Project Type: New roundabout
Estimated Completion Year: FY 2028
Referendum: November 2022

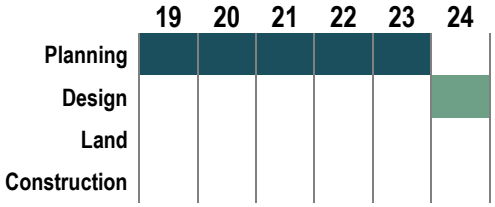
Background:

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

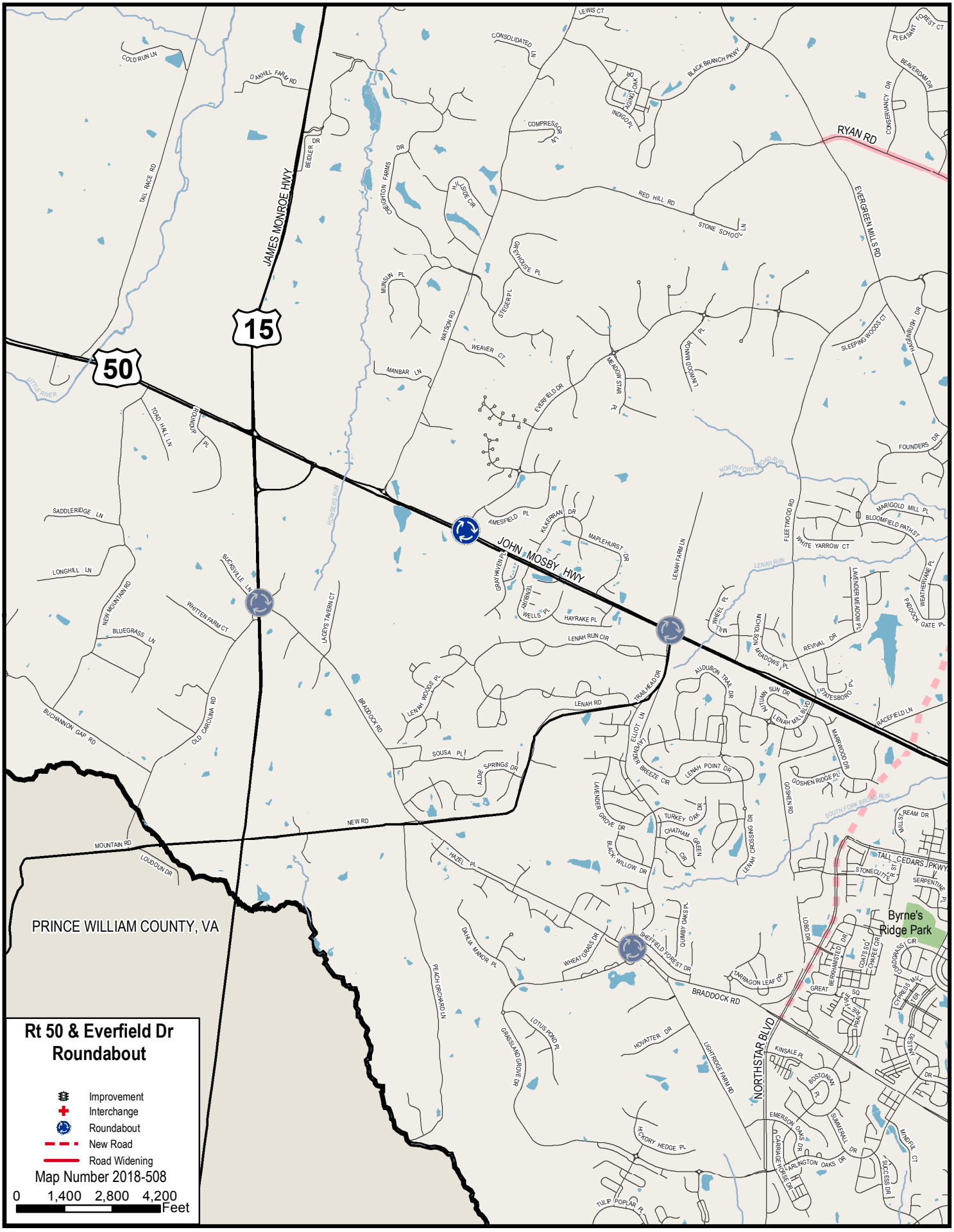
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Land	-	-	-	-	-	-	-	-	2,000	2,000
Construction	-	-	-	-	-	-	-	-	4,985	4,985
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**6,985**	**8,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	6,985	8,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**6,985**	**8,000**


Rt 50 & Everfield Dr
Roundabout
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-508
0 1,400 2,800 4,200
Feet
PRINCE WILLIAM COUNTY, VA
JOHN MOSBY HWY
JAMES MONROE HWY
RYAN RD
RED HILL RD
EVERGREEN MILLS RD
BRADDOCK RD
NORTHSTAR BLVD
LENAH RD
NEW RD
MOUNTAIN RD
Byrne's Ridge Park

Route 50 & Loudoun County Parkway – Interchange

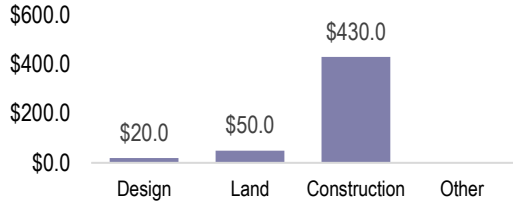
Details

Project Number: TBD
Election District: Blue Ridge, Dulles
Length: 2.0 miles
Project Type: New interchange
Estimated Completion Year: TBD
Referendum: TBD

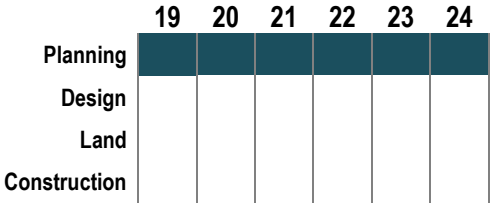
Background

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).

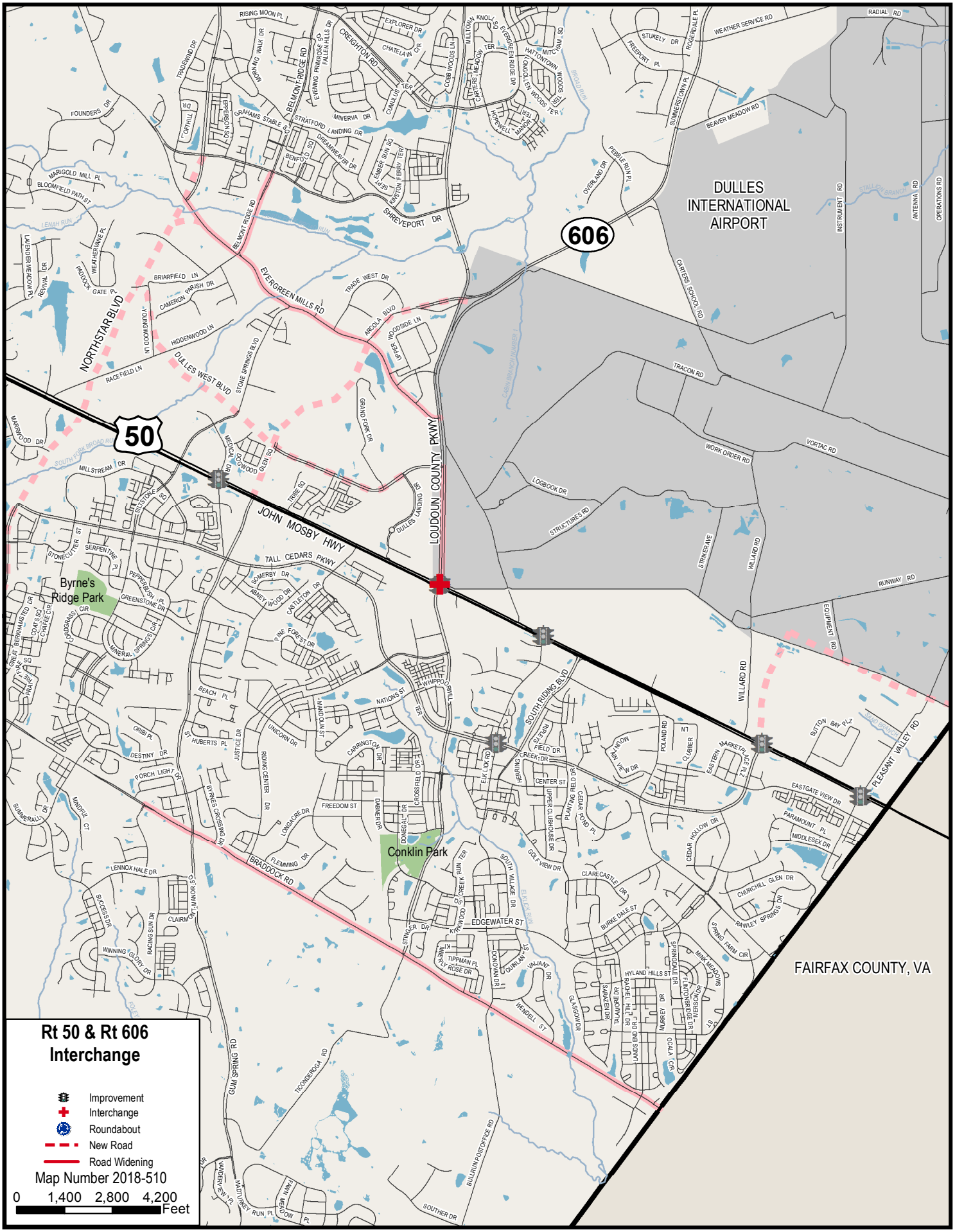
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	20,000	20,000
Land	-	-	-	-	-	-	-	-	50,000	50,000
Construction	-	-	-	-	-	-	-	-	430,000	430,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**500,000**	**500,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	500,000	500,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**500,000**	**500,000**


Rt 50 & Rt 606
Interchange
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-510
0 1,400 2,800 4,200
Feet
DULLES
INTERNATIONAL
AIRPORT
606
50
JOHN MOSBY HWY
LOUDOUN COUNTY PKWY
FAIRFAX COUNTY, VA
Byrne's
Ridge Park
Conklin Park
EVERGREEN MILLS RD
NORTHSTAR BLVD
DULLES WEST BLVD
STONE SPRINGS BLVD
BELMONT RIDGE RD
SHREVEPORT DR
TALL CEDARS PKWY
SOUTH RIDING BLVD
WILLARD RD
PLEASANT VALLEY RD
BRADDOCK RD
GUM SPRING RD
EDGEWATER ST
TRACON RD
WORK ORDER RD
VORTAC RD
RUNWAY RD
EQUIPMENT RD
STRUCTURES RD
LOGBOOK DR
STRIKEFAIRE
WILLARD RD
CARTERS SCHOOL RD
INSTRUMENT RD
ANTENNA RD
OPERATIONS RD
RADIAL RD
WEATHER SERVICE RD
BEAVER MEADOW RD
SUMMERSTOWN PL
OVERLAND DR
PEBBLE RUN PL
TRADE WEST DR
ARCOLA BLVD
UPPER WOODSIDE LN
GRAND FORK DR
CAMERON PARISH DR
BRIARFIELD LN
HIDDENWOOD LN
RACEFIELD LN
MILLSTREAM DR
MARIGOLD MILL PL
BLOOMFIELD PATH ST
LENAH RUN
BROAD RUN
CREIGHTON RD
EXPLORER DR
CHATELAIN CIR
COBB WOODS LN
MELTOWN KNOLL SQ
EVERGREEN RIDGE DR
HATTONTOWN WOODS TER
LONGOLEN WOODS TER
HOPEWELL MANOR TER
STUKELY DR
FREEPORT PL
RIDGEDALE PL
RISING MOON PL
TRADEWIND DR
MORNING WALK DR
EVENING PRIMROSE CT
FALLEN HILLS DR
FOUNDERS DR
GRAHAMS STABLE SQ
STRATFORD LANDING DR
DREAMWEAVER DR
MINERVA DR
BENFORD CT
EPPERSON SQ
CAPTHILL DR
EMBER SUN SQ
KINGSTON FERRY TER
SAPPHIRE SQ
LAVENDER MEADOW PL
REGIVAL DR
WEATHERVANE PL
PADDOCK GATE PL
WOODWINDS LN
MARWOOD DR
SOUTH FORK BROAD RUN
SILVERLAKE DR
STONECUTTER ST
SERPENTINE CT
PEPPERIDGE PL
GREENSTONE DR
CORAL GRASS CIR
MINERAL SPRINGS DR
CRAFTSMAN CT
CRAFTSMAN SQ
CRAFTSMAN DR
CRAFTSMAN PL
CRAFTSMAN CIR
MEDICINE DOG CT
DOGWOOD GLEN SQ
TRIBE SQ
DULLES LANDING DR
SOMERBY DR
ABNEY WOOD DR
CASTLETON DR
PINE FOREST DR
BEACH PL
NATIONS ST
MANDOLIN ST
WHIPPOORWILL CT
ORIBI PL
DESTINY DR
PORCH LIGHT DR
ST HUBERTS PL
JUSTICE DR
UNICORN DR
RIDING CENTER DR
CARRINGTON DR
CROSSFIELD DR
DONEGAL DR
DARNEOR
FREEDOM ST
LONGACRE DR
FLEMMING DR
BYRES CROSSING DR
SUMMERALL DR
MINDFUL CT
LENNOX HALE DR
SUCCESS DR
RACING SUN DR
WINNING GLORY DR
CLAIRMONT MANOR SQ
TICONDEROGA RD
MALOTURKEY RUN PL
MOSBY PL
PAWN MOSBY PL
BULLRUN POST OFFICE RD
SOUTHER DR
ELK LICK RD
MISTY FIELD DR
MISTY CREEK DR
CENTER ST
UPPER CLUBHOUSE DR
PLANTING FIELD DR
OAK POND PL
GOLF VIEW DR
SOUTH VILLAGE DR
SOUTH CREEK RUN TER
KIRKWOOD ST
STINGER DR
TIPPMAN PL
HOLLY ROSE DR
DONOVAN DR
DUNLAN ST
VALIANT DR
WENDELL ST
GLASGOW DR
SARAZEN DR
TALLAVERGE DR
RACHEL HILL DR
THOMAS DR
LANSING DR
MURRAY DR
HYLAND HILLS ST
SPRINKLEDALE DR
FLINTONBRIDGE DR
VERSINGER DR
MINK MEADOWS
SPRING FARM CIR
RAWLEY SPRINGS DR
CHURCHILL GLEN DR
BURKE DALE ST
CLARECASTLE DR
CEDAR HOLLOW DR
MIDDLESEX DR
PARAMOUNT PL
EASTGATE VIEW DR
SUTTON BAY PLZ
MARKET PLACE PLZ
EASTERN CLUBBER
POLAND RD
MONT VIEW DR
N1
OCALA CIR
OCALA CT
BLACK RUN
SPRING BRANCH
STALLION BRANCH
CABIN BRANCH TRIBUTARY 1

Route 50 & Trailhead Drive – Roundabout

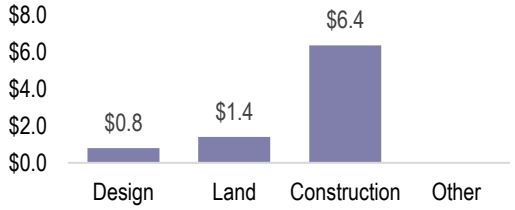
Details

Project Number: n/a
Election District: Blue Ridge
Length: n/a
Project Type: New roundabout
Estimated Completion Year: FY2023
Referendum: November 2019

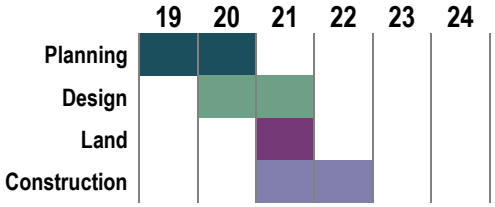
Background

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

Phase Costs in Millions

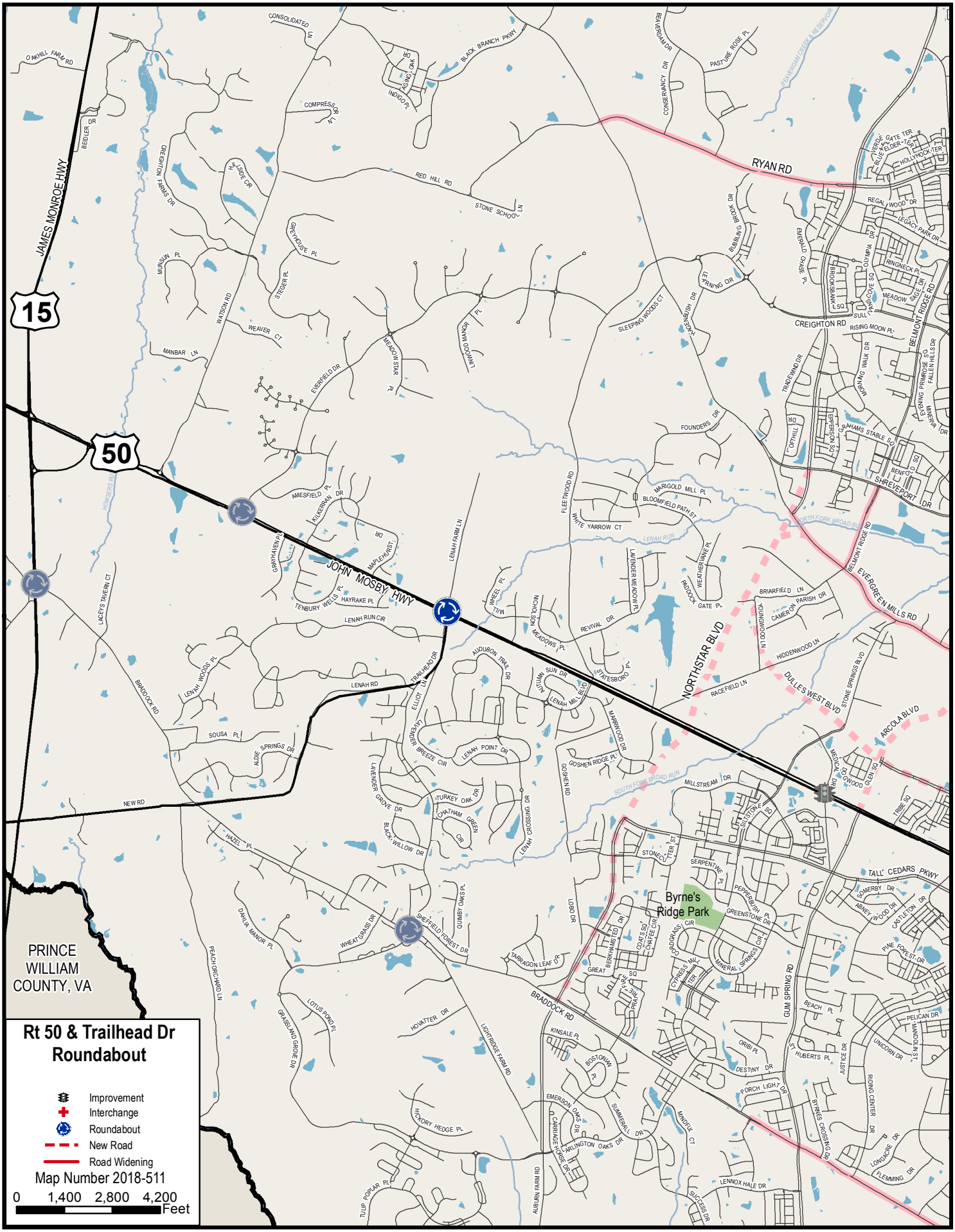


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	800	-	-	-	-	800	-	800
Land	-	-	1,415	-	-	-	-	1,415	-	1,415
Construction	-	-	-	6,355	-	-	-	6,355	-	6,355
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**2,215**	**6,355**	**-**	**-**	**-**	**8,570**	**-**	**8,570**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	2,215	6,355	-	-	-	8,570	-	8,570
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**2,215**	**6,355**	**-**	**-**	**-**	**8,570**	**-**	**8,570**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	221	853	832	810	2,715
Total Impact	**-**	**-**	**221**	**853**	**832**	**810**	**2,715**


Rt 50 & Trailhead Dr
Roundabout
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-511
0 1,400 2,800 4,200
Feet
PRINCE
WILLIAM
COUNTY, VA
JAMES MONROE HWY
15
50
JOHN MOSBY HWY
RYAN RD
CREIGHTON RD
SHREVEPORT LDR
BELMONT RIDGE RD
EVERGREEN MILLS RD
NORTHSTAR BLVD
DULLES WEST BLVD
ARCOLA BLVD
STONE SPRINGS BLVD
RACEFIELD LN
TRAILHEAD DR
LENAH RD
NEW RD
BRADDOCK RD
GUM SPRING RD
TALL CEDARS PKWY
Byrne's
Ridge Park
SOUTH FORK BROAD RUN
NORTH FORK BROAD RUN
BEAVERDAM CREEK RESERVOIR

Route 50 Intersection Improvements

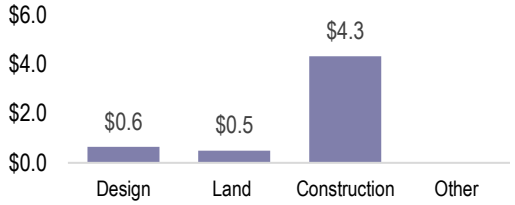
Details

Project Number: C02208
Election District: Dulles
Length: 5.0 miles
Project Type: Intersection improvements
Estimated Completion Year: FY 2024
Referendum: n/a

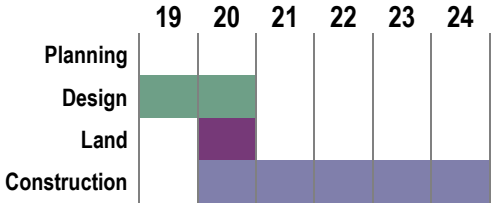
Background

This project provides for the planning, design, right-of-way acquisition, and construction of four intersection improvements along Route 50. The County is currently conducting a corridor study focusing on Route 50 in the Dulles Area. This study will advise which intersection improvements are expected to have the largest impact on safety and traffic mitigation. Further prioritization is expected in FY2020.

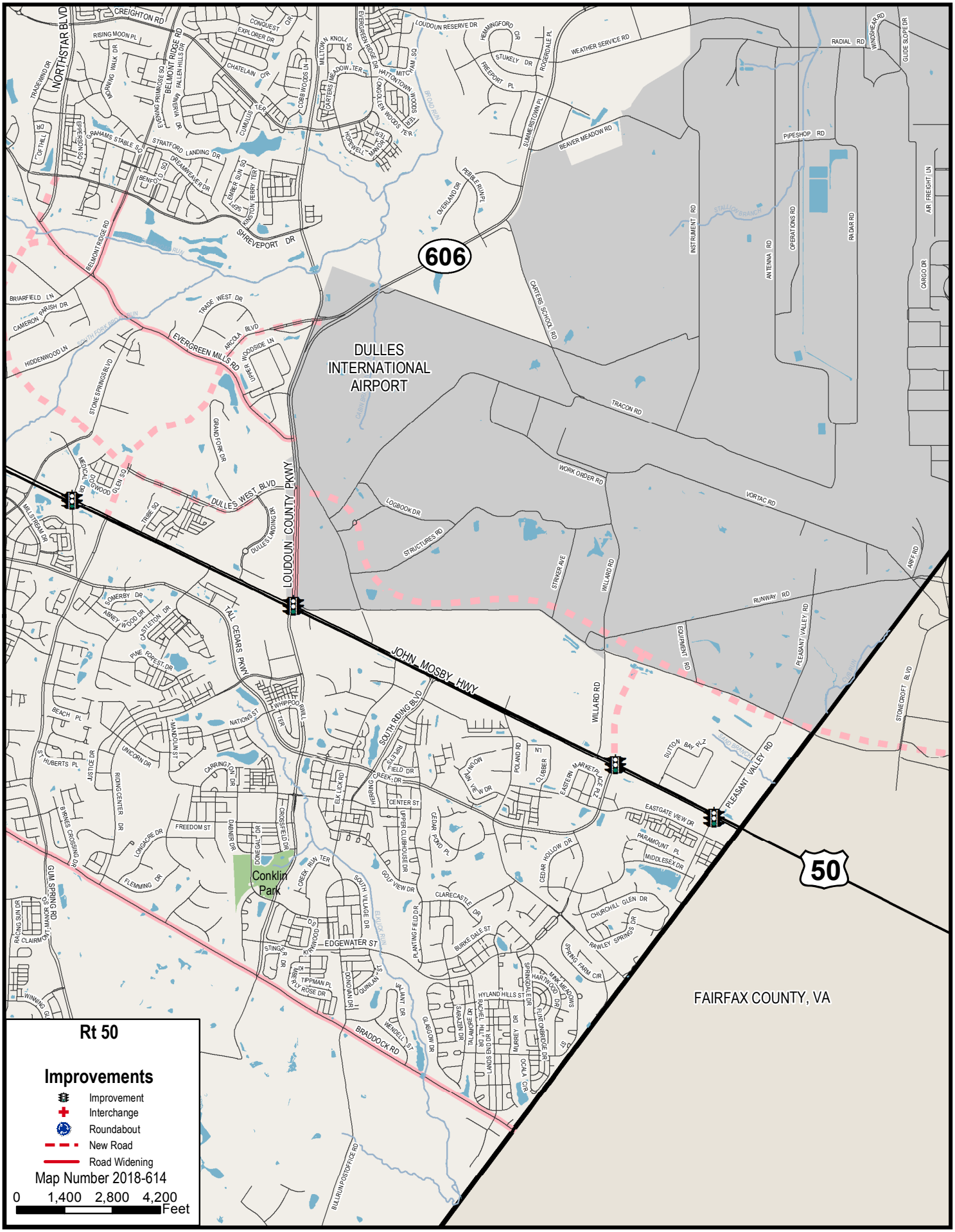
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	645	-	-	-	-	-	645	-	645
Land	-	-	500	-	-	-	-	500	-	500
Construction	-	-	4,320	-	-	-	3,707	8,027	-	8,027
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**645**	**4,820**	**-**	**-**	**-**	**3,707**	**9,172**	**-**	**9,172**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	645	1,436	-	-	-	-	2,081	-	2,081
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	259	-	-	-	-	259	-	259
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	3,707	3,707	-	3,707
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	3,125	-	-	-	-	3,125	-	3,125
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**645**	**4,820**	**-**	**-**	**-**	**3,707**	**9,172**	**-**	**9,172**


Rt 50
Improvements
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-614
0 1,400 2,800 4,200
Feet
606
50
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
LOUDOUN COUNTY PKWY
JOHN MOSBY HWY
DULLES WEST BLVD
EVERGREEN MILLS RD
SHREVEPORT DR
BELMONT RIDGE RD
NORTHSTAR BLVD
CREIGHTON RD
STONE SPRINGS BLVD
TRADE WEST DR
ARCOLA BLVD
WOODSIDE LN
HIDDENWOOD LN
CAMERON PARISH DR
BRIARFIELD LN
LOUDOUN RESERVE DR
HEMMINGFORD CIR
STUKELY DR
FREEPORT PL
ROGERDALE PL
WEATHER SERVICE RD
BEAVER MEADOW RD
SUMMERSTOWN PL
EVERGREEN RIDGE DR
MITCHTOWN SQ
LONGGLEN WOODS TER
MILLTOWN KNOLL SQ
CARTERS MEADOW TER
HORWELL MANOR SQ
OVERLAND DR
PEBBLE RUN TL
CARTERS SCHOOL RD
TRACON RD
WORK ORDER RD
VORTAC RD
LOGBOOK DR
STRUCTURES RD
STINGER AVE
WILLARD RD
RUNWAY RD
EQUIPMENT RD
PLEASANT VALLEY RD
ARFF RD
STONECROFT BLVD
INSTRUMENT RD
ANTENNA RD
OPERATIONS RD
RADAR RD
CARGO DR
AR FREIGHT LN
PIPESHOP RD
RADIAL RD
WINDSHEAR RD
GLIDE SLOPE DR
STILLWATER BRANCH
BROAD RUN
SOUTH FORK BROAD RUN
TALL CEDARS PKWY
LOMERBY DR
ABNEY WOOD DR
CASTLETON DR
PINE FOREST DR
BEACH PL
NATIONS ST
WHIPPOORWILL TER
MANDOUN ST
ST HUBERTS PL
JUSTICE DR
UNICORN DR
RIDING CENTER DR
BARNES CROSSING DR
LONGACRE DR
FLEMMING DR
GUM SPRING RD
CARRINGTON RD
FREEDOM ST
DARNER DR
CROSSFIELD DR
DONEGAL DR
ELK LICK RD
HERRINGTON CREEK DR
CENTER ST
UPPER CLUBHOUSE DR
CREEK RUN TER
GOLF VIEW DR
SOUTH VILLAGE DR
EDGEWATER ST
KIRKWOOD DR
STINGER DR
TIPPMAN PL
LILY ROSE DR
DONOVAN DR
QUINLAN ST
VALIANT DR
MENDELL ST
GLASGOW DR
SARAZEN DR
TALAMORE DR
RACHEL HILL DR
LANDSDOWNE DR
HYLAND HILLS ST
SPRINGHOUSE DR
HARTWOOD DR
MAPLE MEADOWS DR
FLINTONBRIDGE DR
MURREY DR
OCALA CIR
SPRING FARM CIR
RANLEY SPRINGS DR
CHURCHILL GLEN DR
PARAMOUNT PL
MIDDLESEX DR
EASTGATE VIEW DR
CEDAR HOLLOW DR
CLARECASTLE DR
BURKE DALE ST
PLANTING FIELD DR
SUTTON BAY PL
EASTERN MARKET PL
POLAND RD
CLUBBER
N1
MILLVIEW DR
BRADDOCK RD
BULLRUN POST OFFICE RD
CLAIRMONT CT
RACING SUN DR
WINNING GLEN CT
Conklin Park

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

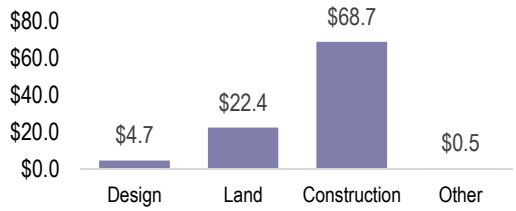
Details

Project Number: TBD
Election District: Dulles
Length: TBD
Project Type: New roadway
Estimated Completion Year: FY 2029
Referendum: November 2020

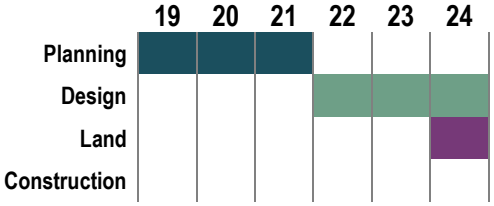
Background

This project provides funding for planning, design, right of way acquisition, and construction of a roadway from Air and Space Museum Parkway to Tall Cedars Parkway. The project entails construction of a four-lane median divided roadway within a 120-foot right-of-way.

Phase Costs in Millions

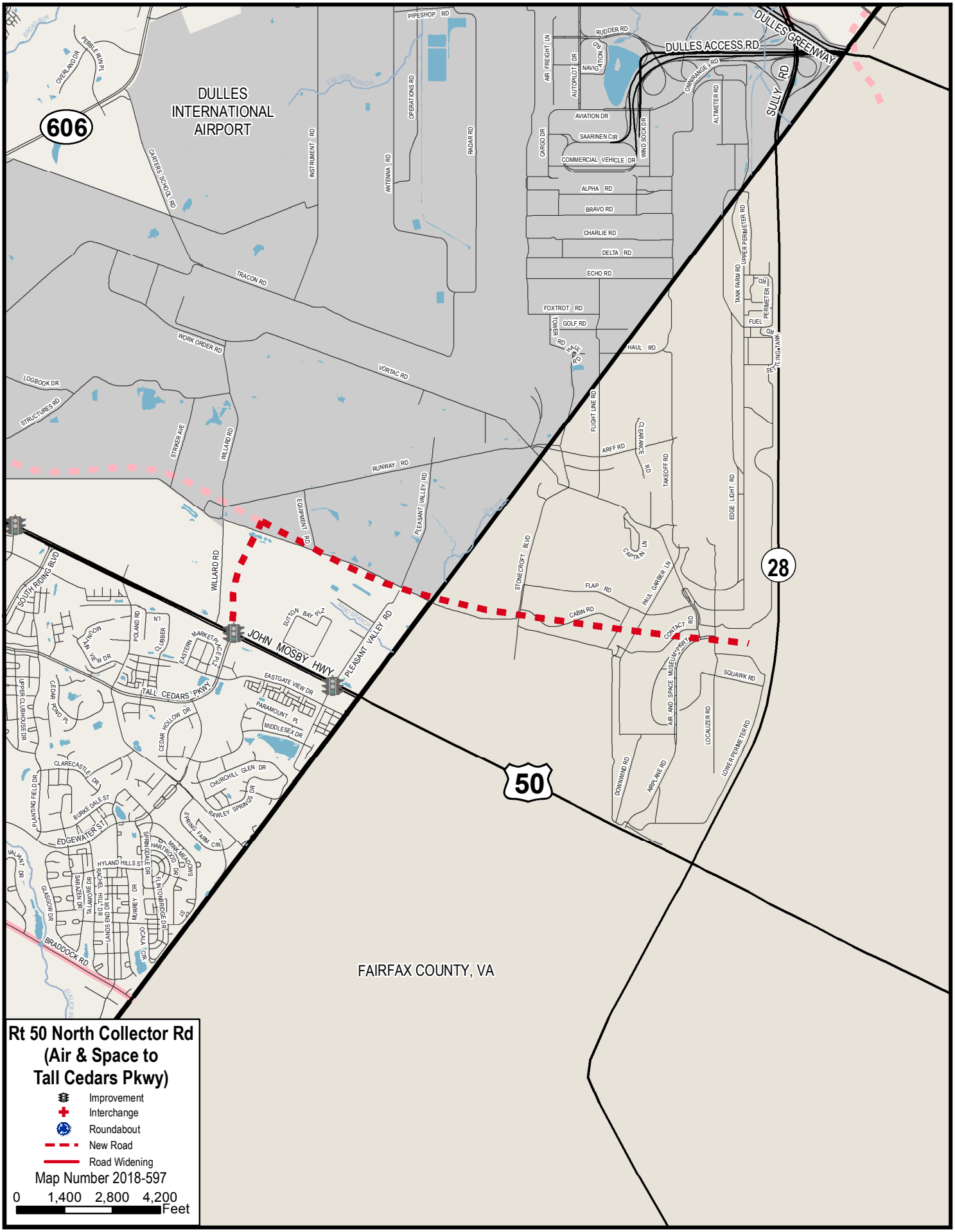


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	4,675	-	-	4,675	-	4,675
Land	-	-	-	-	-	-	22,350	22,350	-	22,350
Construction	-	-	-	-	-	-	-	-	68,735	68,735
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	475	-	-	475	-	475
Total Cost	**-**	**-**	**-**	**-**	**5,150**	**-**	**22,350**	**27,500**	**68,735**	**96,235**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	17,280	17,280	-	17,280
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	5,150	-	5,070	10,220	68,735	78,955
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**5,150**	**-**	**22,350**	**27,500**	**68,735**	**96,235**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	229	512	741
Total Impact	**-**	**-**	**-**	**-**	**229**	**512**	**741**


DULLES INTERNATIONAL AIRPORT
606
28
50
JOHN MOSBY HWY
TALL CEDARS PKWY
PLEASANT VALLEY RD
WILLARD RD
SOUTH RIDING BLVD
DULLES ACCESS RD
DULLES GREENWAY
SULLY RD
FAIRFAX COUNTY, VA
Rt 50 North Collector Rd
(Air & Space to
Tall Cedars Pkwy)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-597
0 1,400 2,800 4,200
Feet

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

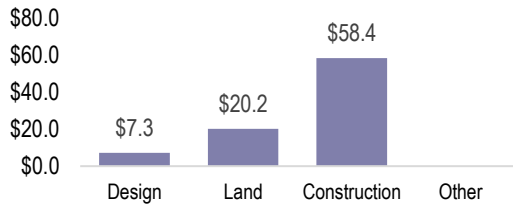
Details

Project Number: TBD
Election District: Dulles
Length: TBD
Project Type: New roadway
Estimated Completion Year: FY 2030
Referendum: TBD

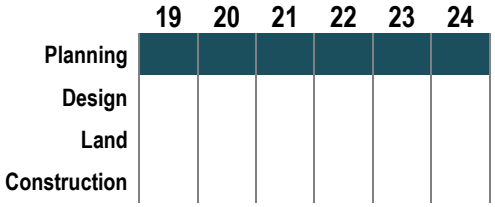
Background

This project provides funding for planning, design, right of way acquisition and construction of a roadway from Tall Cedars Parkway extended north, to Loudoun County Parkway. The project entails construction of a four-lane median divided roadway within a 120-foot right-of-way.

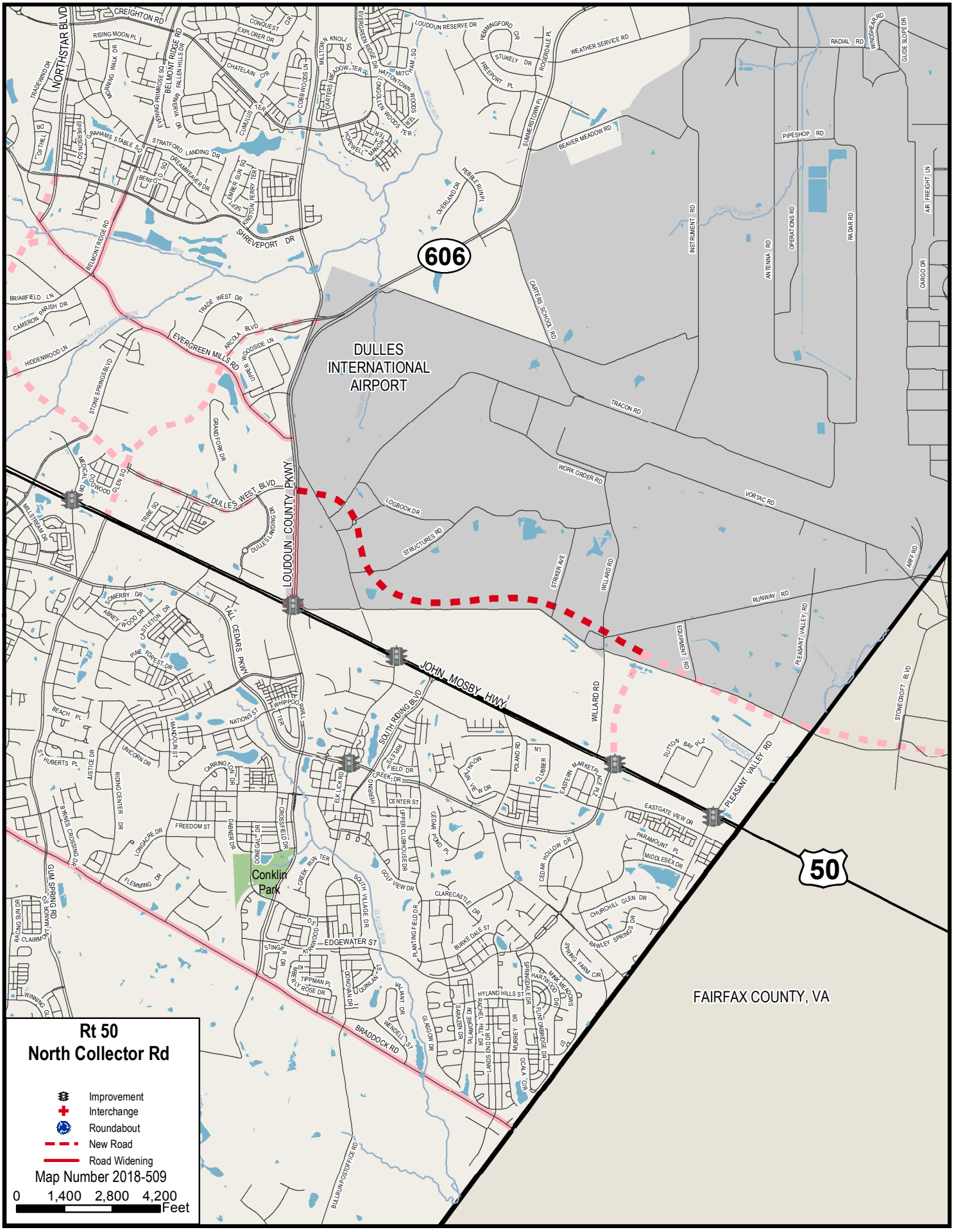
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	7,275	7,275
Land	-	-	-	-	-	-	-	-	20,240	20,240
Construction	-	-	-	-	-	-	-	-	58,385	58,385
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**85,900**	**85,900**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	85,900	85,900
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**85,900**	**85,900**


Rt 50
North Collector Rd
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-509
0 1,400 2,800 4,200
Feet
606
50
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
Conklin Park
LOUDOUN COUNTY PKWY
JOHN MOSBY HWY
DULLES WEST BLVD
EVERGREEN MILLS RD
SHREVEPORT DR
BELMONT RIDGE RD
NORTHSTAR BLVD
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HIDDENWOOD LN
CAMERON PARISH DR
BRIARFIELD LN
TRACON RD
WORK ORDER RD
VORTAC RD
LOGBOOK DR
STRUCTURES RD
STINGER AVE
WILLARD RD
RUNWAY RD
EQUIPMENT RD
PLEASANT VALLEY RD
STONECROFT BLVD
ARF RD
CARTERS SCHOOL RD
INSTRUMENT RD
ANTENNA RD
OPERATIONS RD
RADAR RD
CARGO DR
AR FREIGHT LN
PIPESHOP RD
RADIAL RD
WINDSHEAR RD
GLIDE SLOPE DR
BEAVER MEADOW RD
WEATHER SERVICE RD
LOUDOUN RESERVE DR
HEMMINGFORD CIR
STUKELY DR
FREEPORT PL
ROSEDALE PL
SUMMERSTOWN PL
EVERGREEN RIDGE DR
MILLTOWN KNOLL CT
CARTERS MEADOW TER
HYTONTOWN WOODS TER
LONGGLEN WOODS TER
MITCH HAM SQ
HORWELL MANOR SQ
OVERLAND DR
PEBBLE RUN TER
CUMULUS TER
CHATELAIN CIR
EXPLORER DR
CONQUEST CIR
COBB WOODS LN
RISING MOON PL
RISING WALK DR
TRADEWIND DR
GLEBE PRIMROSE SQ
FALLEN HILLS DR
GRAHAMS STABLE SQ
STRATFORD LANDING DR
DREAMWEAVER DR
BENFORD SQ
GOLDEN SUN SQ
KINGSTON TERRY TER
GRAND FORK DR
MEDICAL DOCTOR DR
GOOD GLEN SQ
TRIBE SQ
DULLES LANDING DR
MILLSTREAM DR
LOMERBY DR
ABNEY WOOD DR
CASTLETON DR
PINE FOREST DR
TALL CEDARS PKWY
WHIPPOORWILL TER
NATIONS ST
MANDOUN ST
BEACH PL
ST HUBERTS PL
JUSTICE DR
UNICORN DR
RIDING CENTER DR
BARNES CROSSING DR
LONGACRE DR
FLEMMING DR
GUM SPRING RD
RACING SUN DR
CLAIRMONT CT
WINNING GLEN CT
FREEDOM ST
DARNER DR
CROSSFIELD DR
DONEGAL DR
CARRINGTON DR
SOUTH RIDING BLVD
RIDGE FIELD DR
CREEK DR
ELK LICK RD
HERRINGTON CREEK DR
CENTER ST
UPPER CLUBHOUSE DR
GOLF VIEW DR
CEDAR POND PL
WILLOW VIEW DR
POLAND RD
CLUBBER N1
EASTERN MARKET PLACE PLZ
SUTTON BAY PL 2
EASTGATE VIEW DR
PARAMOUNT PL
MIDDLESEX DR
CEDAR HOLLOW DR
CHURCHILL GLEN DR
RANLEY SPRINGS DR
SPRING FARM CIR
CLARECASTLE DR
BURKE DALE ST
PLANTING FIELD DR
CREEK RUN TER
SOUTH VILLAGE DR
EDGEWATER ST
KIRKWOOD DR
STINGER DR
TIPPMAN PL
LILY ROSE DR
DONOVAN DR
QUINLAN DR
VALIANT DR
WENDELL ST
GLASGOW DR
SARAZEN DR
RACHEL HILL DR
LANDSDOWNE DR
MURREY DR
OCALA CIR
SPRINGFIELD DR
HARTWOOD DR
MAPLE MEADOWS DR
FLINTONBRIDGE DR
HYLAND HILLS ST
BRADDOCK RD
BULLRUN POST OFFICE RD
BROAD RUN
CABIN BRANCH
SUGAR BRANCH
SOUTH FORK BROAD RUN

Route 7 & Hillsboro Road – Interchange

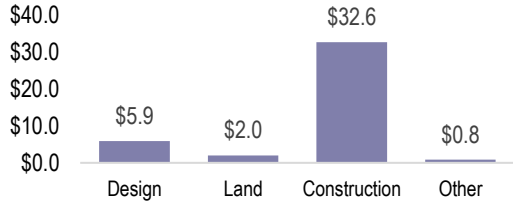
Details

Project Number: C00196
Election District: Blue Ridge
Length: 1.46 miles
Project Type: New interchange
Estimated Completion Year: FY 2025
Referendum: November 2019

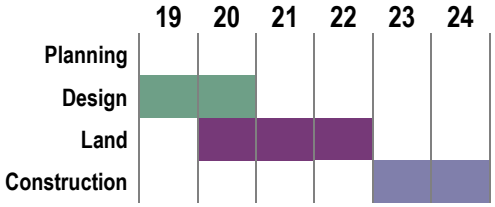
Background

This project provides for design, land acquisition, utility relocation, and construction of an interchange at Route 7 and the Hillsboro Road (Route 690) overpass west of Purcellville.

Phase Costs in Millions

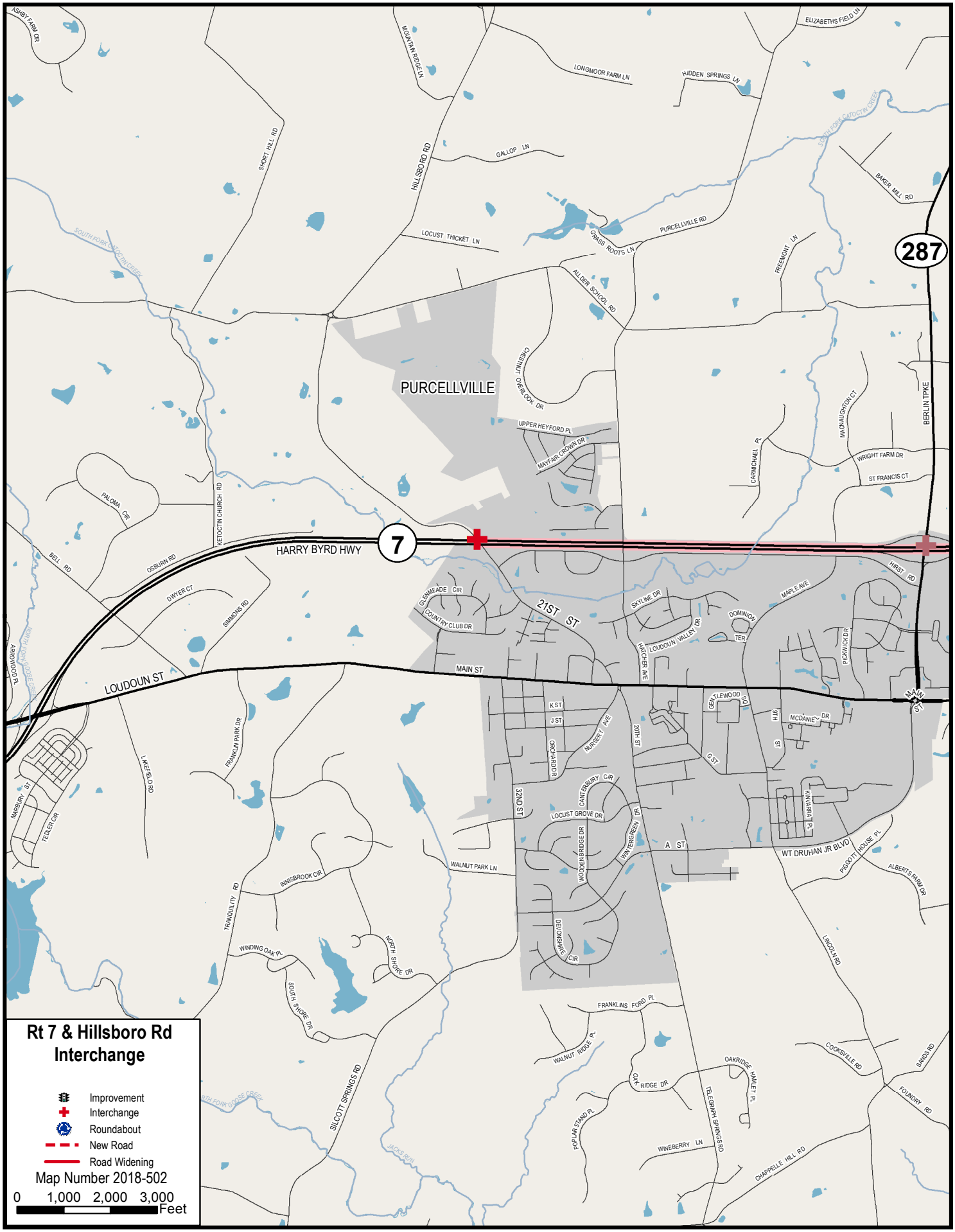


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	5,500	405	-	-	-	-	-	405	-	5,905
Land	2,000	-	-	-	-	-	-	-	-	2,000
Construction	-	-	3,845	19,220	5,500	4,065	-	32,630	-	32,630
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	835	-	-	-	835	-	835
Total Cost	**7,500**	**405**	**3,845**	**20,055**	**5,500**	**4,065**	**-**	**33,870**	**-**	**41,370**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	405	-	835	-	-	-	1,240	-	1,240
Fund Balance	1,500	-	-	-	-	-	-	-	-	1,500
General Obligation Bonds	6,000	-	-	19,220	-	-	-	19,220	-	25,220
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	3,845	-	-	-	-	3,845	-	3,845
Smart Scale	-	-	-	-	5,500	4,065	-	9,565	-	9,565
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**7,500**	**405**	**3,845**	**20,055**	**5,500**	**4,065**	**-**	**33,870**	**-**	**41,370**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	761	761
Total Impact	**-**	**-**	**-**	**-**	**-**	**761**	**761**


Rt 7 & Hillsboro Rd Interchange
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-502
0 1,000 2,000 3,000 Feet
PURCELLVILLE
HARRY BYRD HWY
7
LOUDOUN ST
MAIN ST
21ST ST
32ND ST
287
HILLSBORO RD
BERLIN TPKE
WT DRUHAN JR BLVD
ASHBY FARM DR
MOUNTAIN RIDGE LN
LONGMOOR FARM LN
HIDDEN SPRINGS LN
ELIZABETHS FIELD LN
SHORT HILL RD
GALLOP LN
LOCUST THICKET LN
GRASS ROOTS LN
PURCELLVILLE RD
BAKER MILL RD
FREEMONT LN
ALDER SCHOOL RD
CHESTNUT OVERLOOK DR
UPPER HEYFORD PL
MAYFAIR CROWN DR
MACNAUGHTON CT
CARMICHAEL PL
WRIGHT FARM DR
ST FRANCIS CT
PALOMA CIR
KETOCTIN CHURCH RD
BELL RD
OSBURN RD
DWYER CT
SIMMONS RD
ARROWOOD PL
GLENMEADE CIR
COUNTRY CLUB DR
SKYLINE DR
LOUDOUN VALLEY DR
DOMINION TER
MAPLE AVE
HIRST RD
PICKWICK DR
HATCHERY AVE
K ST
J ST
ORCHARD DR
NURSERY AVE
GENTLEWOOD CT
MCDANIEL DR
G ST
CANTERBURY CIR
LOCUST GROVE DR
WOODENBRIDGE DR
WINTERGREEN DR
A ST
NAVARRA PL
PIGGOTT HOUSE PL
ALBERTS FARM DR
LINCOLN RD
MARLBURY ST
TEDLER CIR
LAKEFIELD RD
FRANKLIN PARK DR
INNISBROOK CIR
WALNUT PARK LN
TRANQUILITY RD
WINDING OAK PL
NORTH SHORE DR
SOUTH SHORE DR
DEVONSHIRE CIR
FRANKLINS FORD PL
WALNUT RIDGE PL
OAK RIDGE DR
OAKRIDGE HAMLET PL
TELEGRAPH SPRINGS RD
POPLAR STAND PL
WINEBERRY LN
SILCOTT SPRINGS RD
COOKSVILLE RD
SANDS RD
FOUNDRY RD
CHAPPELLE HILL RD
SOUTH FORK CATOCTIN CREEK
SOUTH FORK GOOSE CREEK
JACKS RUN

Route 7 & Route 287 – Interchange Improvements

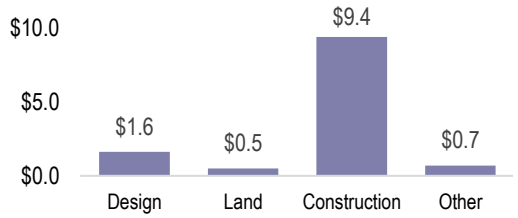
Details

Project Number: C02206
Election District: Blue Ridge
Length: 1.19 miles
Project Type: Interchange improvements
Estimated Completion Year: FY 2025
Referendum: n/a

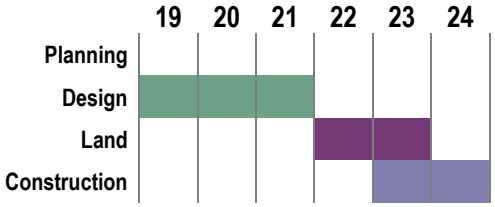
Background

This project provides for the planning, design, and construction of improvements for the Route 7 and Berlin Turnpike (Route 287) Interchange. The improvements were recommended in a 2012 interchange analysis completed by VDOT.

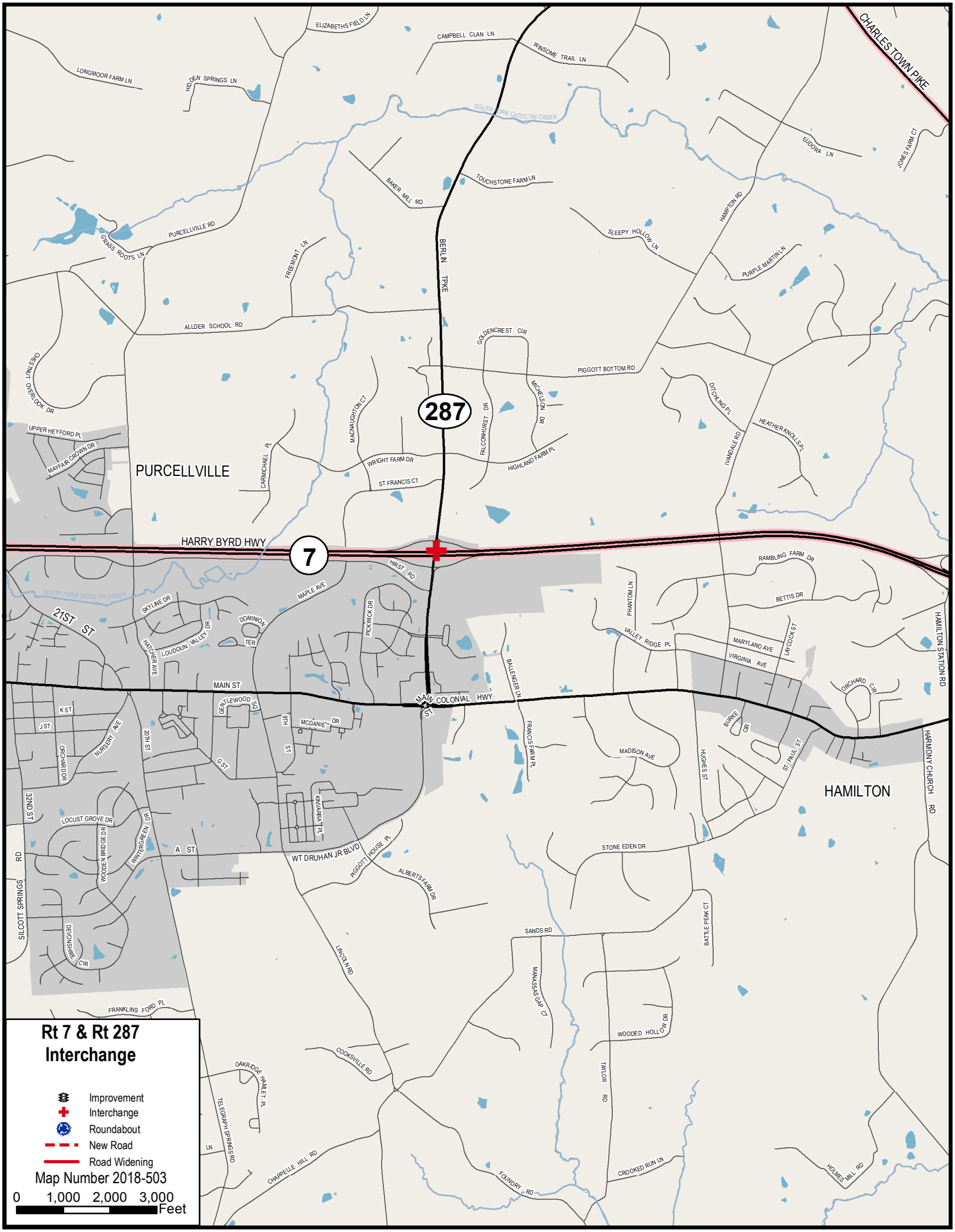
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,615	-	-	-	-	-	1,615	-	1,615
Land	-	500	-	-	-	-	-	500	-	500
Construction	-	-	-	-	4,390	5,001	-	9,391	-	9,391
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	700	-	-	700	-	700
Total Cost	**-**	**2,115**	**-**	**-**	**5,090**	**5,001**	**-**	**12,206**	**-**	**12,206**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	115	-	-	700	-	-	815	-	815
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	2,000	-	-	4,390	5,001	-	11,391	-	11,391
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**2,115**	**-**	**-**	**5,090**	**5,001**	**-**	**12,206**	**-**	**12,206**


Rt 7 & Rt 287
Interchange
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-503
0 1,000 2,000 3,000
Feet
PURCELLVILLE
HAMILTON
HARRY BYRD HWY
7
287
MAIN ST
COLONIAL HWY
WT DRUHAN JR BLVD
BERLIN TPKE
CHARLES TOWN PIKE
SOUTH FORK CATOCTIN CREEK
ELIZABETHS FIELD LN
CAMPBELL CLAN LN
WINSOME TRAIL LN
LONGMOOR FARM LN
HIDDEN SPRINGS LN
PURCELLVILLE RD
GRASS ROOTS LN
BAKER MILL RD
TOUCHSTONE FARM LN
SLEEPY HOLLOW LN
HAMPTON RD
PURPLE MARTIN LN
EUDORA LN
JONES FARM CT
FREMONT LN
ALLDER SCHOOL RD
GOLDENCREST CIR
PIGGOTT BOTTOM RD
MACNAUGHTON CT
MICHELSON DR
FALCONHURST DR
HIGHLAND FARM PL
DITCHING PL
IVANDALE RD
HEATHER KNOLLS PL
ONE NET OVERLOOK DR
UPPER HEYFORD PL
MAYFAIR CROWN DR
CARMICHAEL PL
WRIGHT FARM DR
ST FRANCIS CT
HIRST RD
RAMBLING FARM DR
BETTIS DR
PHANTOM LN
VALLEY RIDGE PL
MARYLAND AVE
VIRGINIA AVE
LANCOCK ST
HAMILTON STATION RD
ORCHARD CIR
BURKE CIR
ST PAUL ST
HARMONY CHURCH RD
HUGHES ST
MADISON AVE
FRANCIS FARM PL
BALLENGER LN
MAPLE AVE
PICKWICK DR
SKYLINE DR
DOMINION TER
LOUDOUN VALLEY RD
HANOVER AVE
21ST ST
K ST
J ST
NURSERY AVE
ORCHARD DR
20TH ST
GLENWOOD DR
5TH ST
MCDANIEL DR
G ST
32ND ST
LOCUST GROVE DR
WOODEN BRIDGE DR
WINTERGREEN DR
A ST
KANAWHA PL
PIGGOTT HOUSE PL
ALBERTS FARM DR
STONE EDEN DR
SILCOTT SPRINGS RD
DEVONSHIRE CIR
FRANKLINS FORD PL
SANDS RD
BATTLE PEAK CT
LINCOLN RD
MANASSAS GAP CT
WOODED HOLLOW DR
TAYLOR RD
COOKSVILLE RD
OAKRIDGE HAMLET PL
TELEGRAPH SPRINGS RD
CHAPPELLE HILL RD
FOUNDRY RD
CROOKED RUN LN
HOLMES MILL RD

Route 7 Widening - Route 690 to Route 9

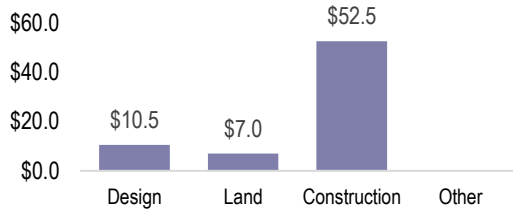
Details:

Project Number: TBD
Election District: Blue Ridge, Catoctin,
Length: 6.2 miles
Estimated Completion Year: TBD
Referendum: TBD

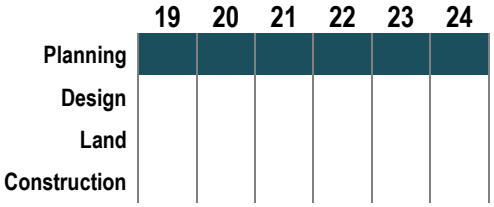
Background:

This project provides for the planning, design, right-of-way and widening of Route 7 eastbound from Route 690 to Route 9.

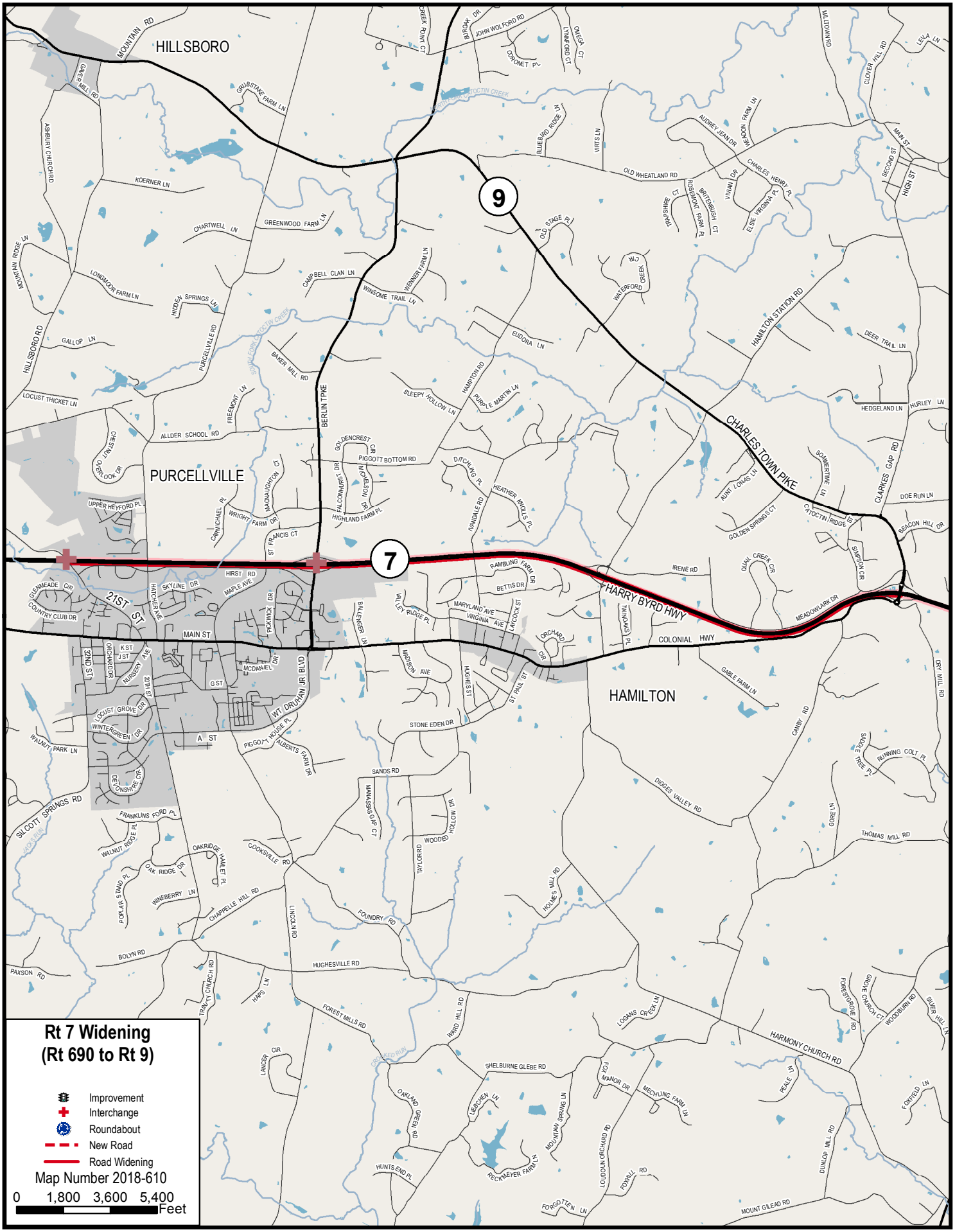
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	10,500	10,500
Land	-	-	-	-	-	-	-	-	7,000	7,000
Construction	-	-	-	-	-	-	-	-	52,500	52,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**70,000**	**70,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	70,000	70,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**70,000**	**70,000**


HILLSBORO
PURCELLVILLE
HAMILTON
9
7
CHARLES TOWN PIKE
HARRY BYRD HWY
COLONIAL HWY
MAIN ST
21ST ST
2ND ST
BERLIN TPKE
HAMILTON STATION RD
HARMONY CHURCH RD
SILCOTT SPRINGS RD
Rt 7 Widening
(Rt 690 to Rt 9)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-610
0 1,800 3,600 5,400
Feet

Route 7 - Route 9 to Dulles Greenway

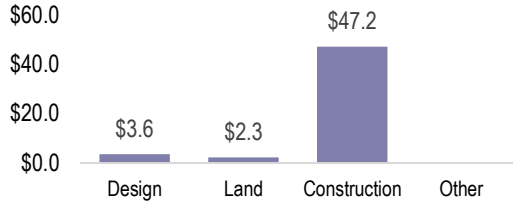
Details:

Project Number: TBD
Election District: Leesburg, Catoctin
Length: 4.6 miles eastbound, 1.7 miles westbound
Project Type: Widening
Estimated Completion Year: TBD
Referendum: TBD

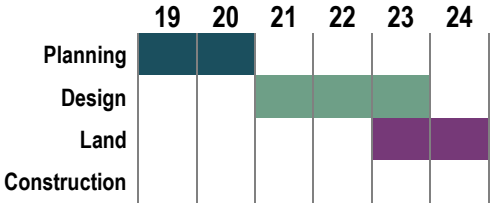
Background:

This project provides for the planning, design, right-of-way and widening of Route 7 eastbound between Route 9 and the Dulles Greenway (267), and westbound from King Street to Market Street.

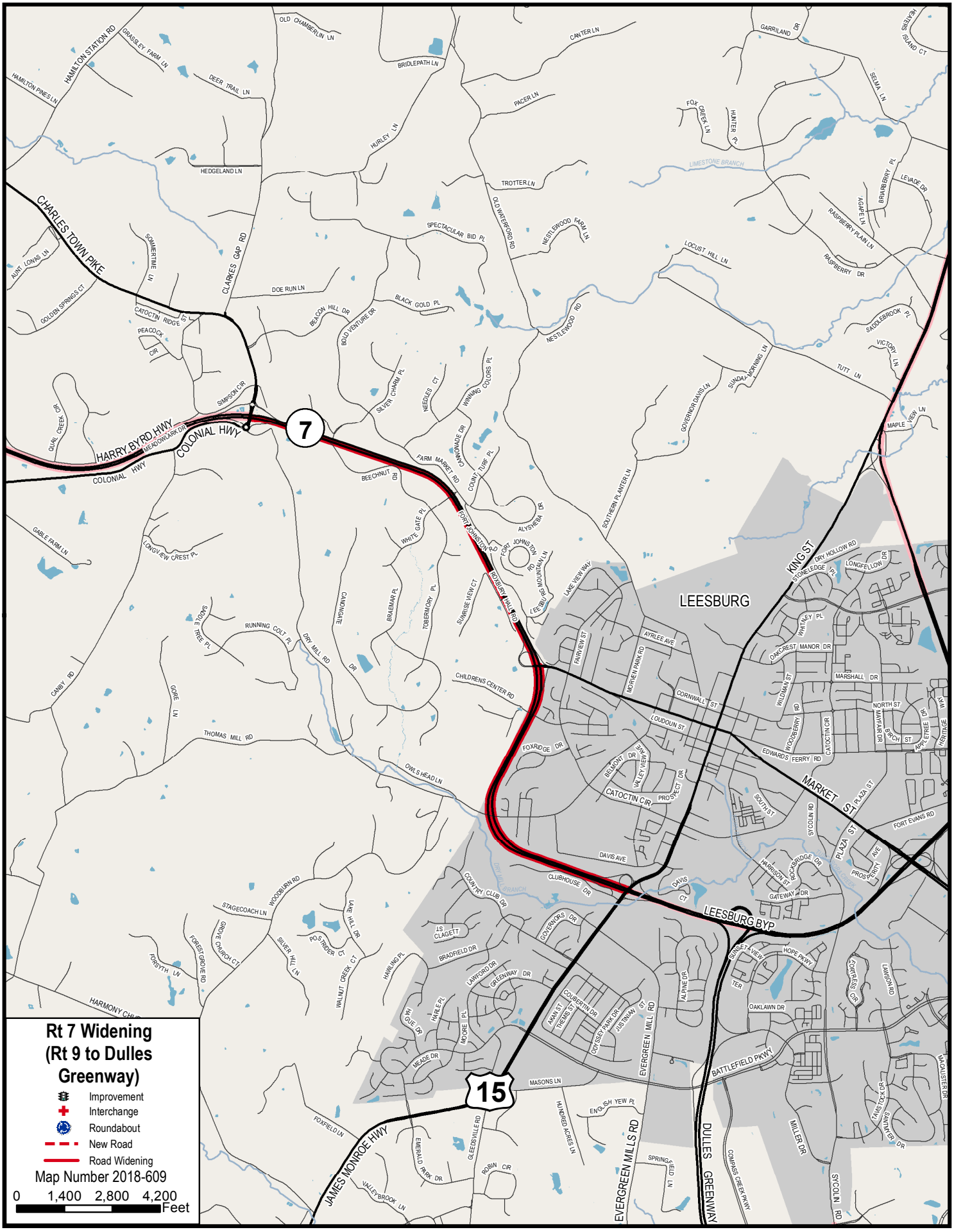
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	3,620	-	-	-	3,620	-	3,620
Land	-	-	-	-	-	-	2,320	2,320	-	2,320
Construction	-	-	-	-	-	-	-	-	47,195	47,195
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**3,620**	**-**	**-**	**2,320**	**5,940**	**47,195**	**53,135**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	32,098	32,098
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	3,620	-	-	2,320	5,940	-	5,940
Smart Scale	-	-	-	-	-	-	-	-	15,097	15,097
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**3,620**	**-**	**-**	**2,320**	**5,940**	**47,195**	**53,135**


Rt 7 Widening
(Rt 9 to Dulles
Greenway)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-609
0 1,400 2,800 4,200
Feet
LEESBURG
7
15
HARRY BYRD HWY
COLONIAL HWY
CHARLES TOWN PIKE
JAMES MONROE HWY
LEESBURG BYP
MARKET ST
KING ST
EVERGREEN MILLS RD
DULLES GREENWAY
BATTLEFIELD PKWY
FORT EVANS RD
CHILDRENS CENTER RD
FARM MARKET RD
FORT JOHNSTON RD
EDWARDS FERRY RD
CATOCTIN CIR
CLARKES GAP RD
HAMILTON STATION RD
HEDGELAND LN
TROTTER LN
SPECTACULAR BID PL
NESTLEWOOD RD
LOCUST HILL LN
DOE RUN LN
BEACON HILL DR
BOLD VENTURE DR
BLACK GOLD PL
SILVER CHARM PL
WINNING COLORS PL
CANTER LN
BRIDLEPATH LN
PACER LN
HURLEY LN
DEER TRAIL LN
OLD CHAMBERLIN LN
GRASSLEY FARM LN
HAMILTON PINES LN
SOMMERTIME LN
AUNT LONAS LN
GOLDEN SPRINGS CT
CATOCTIN RIDGE ST
PEACOCK CIR
SIMPSON CIR
QUAIL CREEK DR
MEADOWLARK DR
BEECHNUT RD
WHITE GATE PL
GABLE FARM LN
LONGVIEW CREST PL
SADDLE TREE PL
RUNNING COLT PL
DRY MILL RD
CANBY RD
GORE LN
THOMAS MILL RD
OWLS HEAD LN
CANOVALE DR
BRAEMAR PL
TOBERMORY PL
SUNRISE VIEW CT
ROXBURY HALL RD
LEESBURG MOUNTAIN LN
ALYSHEBA DR
LAKE VIEW WAY
SOUTHERN PLANTER LN
GOVERNOR DAVIS LN
SUNDAY MORNING LN
TUTT LN
VICTORY LN
SADDLEBROOK PL
MAPLE VIEW LN
RASPBERRY DR
RASPBERRY PLAIN LN
AGAPE LN
BRIARBERRY PL
LEVADE DR
SELMA LN
FOX CREEK LN
HUNTER PL
LIMESTONE BRANCH
GARRILAND DR
MCKEITHS GRAND CT
DRY HOLLOW RD
STONELEDGE PL
LONGFELLOW DR
WHITMEY PL
OAKCREST MANOR DR
MARSHALL DR
NORTH ST
CORNWALL ST
LOUDOUN ST
AYRLEE AVE
FAIRVIEW ST
MORVEN PARK RD
WILDMAN ST
MAPLEWOOD DR
BIRCH ST
APPLE TREE LN
HERITAGE LN
FOXRIDGE DR
BELMONT DR
VALLEY VIEW LN
PROSPECT DR
SOUTH ST
SYCOLIN RD
PLAZA ST
PROSPERITY AVE
HARRISON ST
ROCKBRIDGE DR
GATEWAY DR
DAVIS CT
DAVIS AVE
CLUBHOUSE DR
COUNTRY CLUB DR
GOVERNORS DR
J.S. CLAGETT
BRADFIELD DR
LAWFORD DR
GREENWAY DR
HANLING PL
HARLE PL
MOORE PL
MEADE DR
COUBERTIN DR
AKANI ST
THELMA ST
GOSSET PARK DR
DISTINIAN ST
ALPINE DR
SUNSET VIEW TER
HOPE PKWY
CYPRESS CIR
LAWSON RD
OAKLAWN DR
MASONS LN
ENGLISH YEW PL
HANORD ACRES LN
GLEEDSVILLE RD
EMERALD PARK DR
ROBIN CIR
VALLEYBROOK LN
FOXFIELD LN
SPRINGFIELD LN
COMPASS CREEK PKWY
MILLER DR
MACALISTER DR
TAMSTOCK DR
WOODBURN RD
STAGECOACH LN
FORESTER CT
WALNUT CREEK CT
SILVER HILL LN
VALE HILL DR
GROVE CHURCH CT
FOREST GROVE RD
FORSYTH LN
HARMONY CHURCH

Route 7 Widening – Route 9 to Route 690

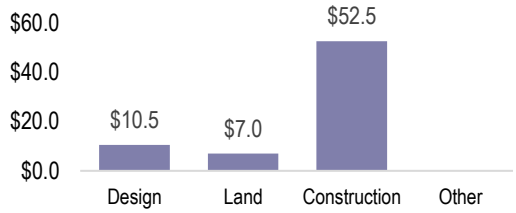
Details:

Project Number: TBD
Election District: Blue Ridge, Catoctin
Length: 6.2 miles
Estimated Completion Year: TBD
Referendum: TBD

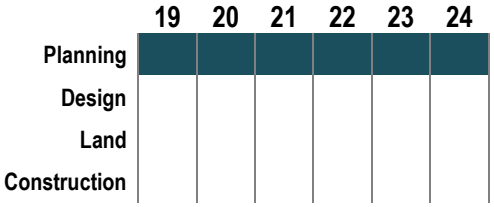
Background:

This project provides for the planning, design, right-of-way and widening of Route 7 westbound from Route 9 to Route 609.

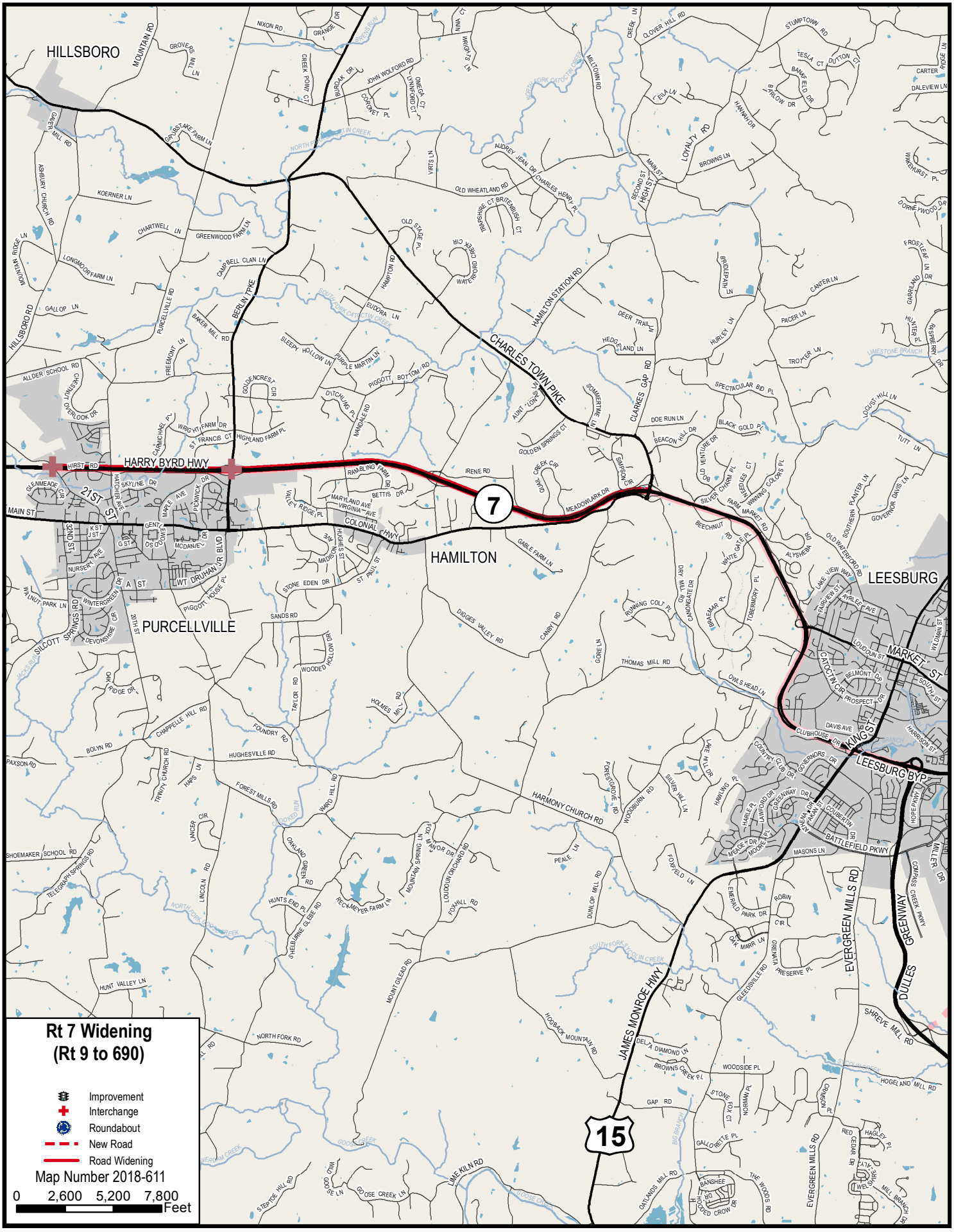
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	10,500	10,500
Land	-	-	-	-	-	-	-	-	7,000	7,000
Construction	-	-	-	-	-	-	-	-	52,500	52,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**70,000**	**70,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	70,000	70,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**70,000**	**70,000**


HILLSBORO
HARRY BYRD HWY
CHARLES TOWN PIKE
COLONIAL HWY
HAMILTON
PURCELLVILLE
LEESBURG
MARKET ST
KING ST
LEESBURG BYP
HARMONY CHURCH RD
JAMES MONROE HWY
EVERGREEN MILLS RD
GREENWAY
DULLES
7
15
Rt 7 Widening
(Rt 9 to 690)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-611
0 2,600 5,200 7,800
Feet

Route 9 & Route 287 - Roundabout

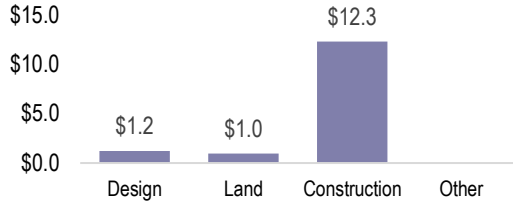
Details

Project Number: C02095
Election District: Blue Ridge, Catoctin
Length: 1.0 mile
Project Type: New roundabout
Estimated Completion Year: FY 2025
Referendum: November 2018

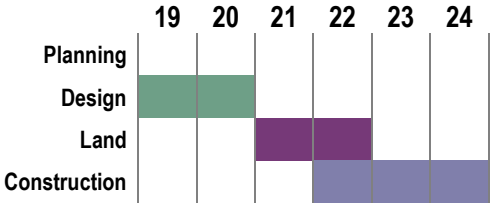
Background

This project provides for the design, right-of-way acquisition, and construction of a roundabout on Route 9 at Berlin Turnpike (Route 287). The intersection is currently signalized and experiences significant congestion. The right-of-way is narrow, and environmentally sensitive areas are in the vicinity of the project.

Phase Costs in Millions

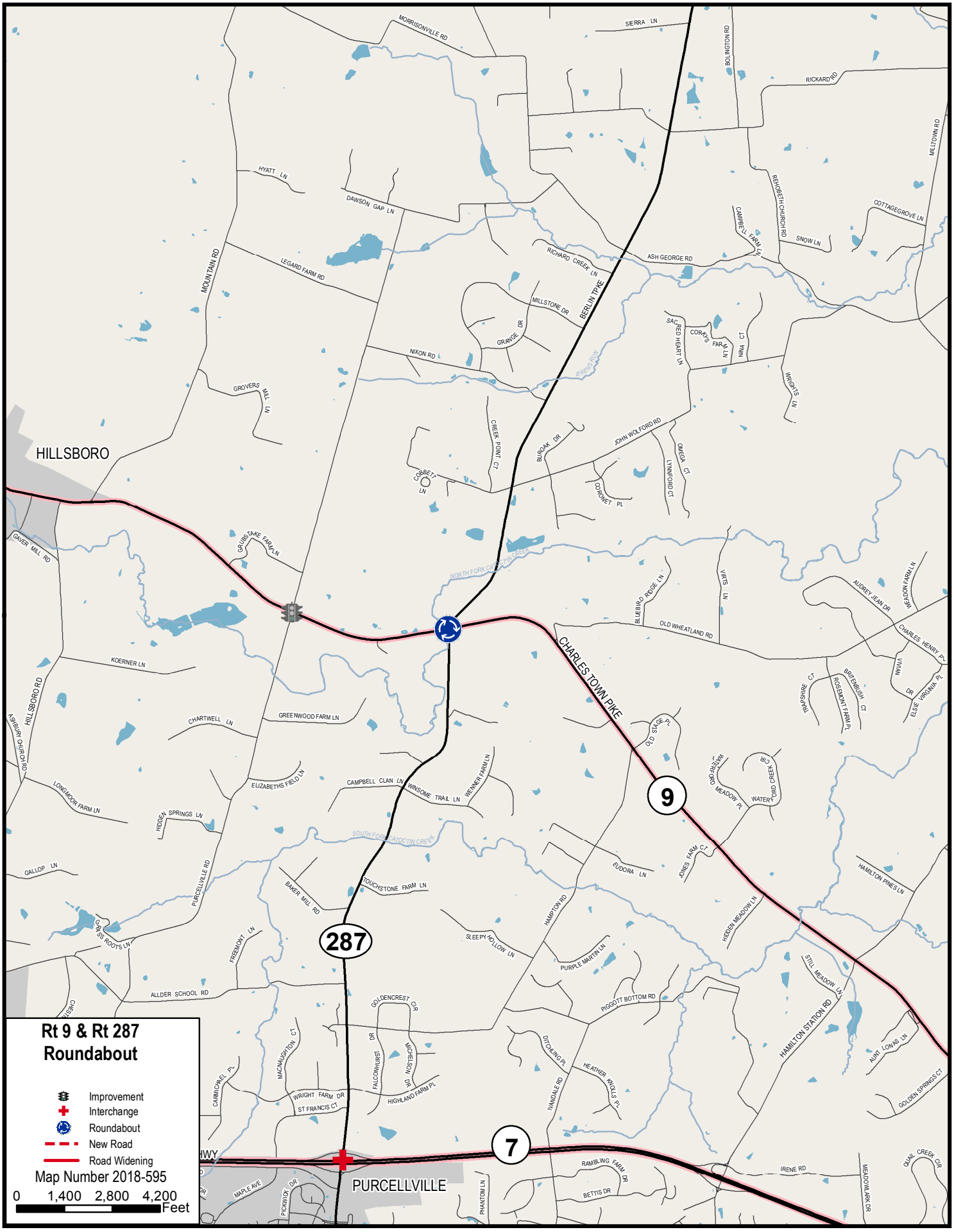


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	1,228	-	-	-	-	-	-	-	-	1,228
Land	-	-	955	-	-	-	-	955	-	955
Construction	-	-	12,300	-	-	-	-	12,300	-	12,300
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**1,228**	**-**	**13,255**	**-**	**-**	**-**	**-**	**13,255**	**-**	**14,483**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	13,255	-	-	-	-	13,255	-	13,255
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	228	-	-	-	-	-	-	-	-	228
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	1,000	-	-	-	-	-	-	-	-	1,000
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**1,228**	**-**	**13,255**	**-**	**-**	**-**	**-**	**13,255**	**-**	**14,483**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	100	98	395	974	1,566
Total Impact	**-**	**-**	**100**	**98**	**395**	**974**	**1,566**


Rt 9 & Rt 287
Roundabout
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-595
0 1,400 2,800 4,200
Feet
HILLSBORO
PURCELLVILLE
287
9
7
CHARLESTOWN PIKE
BERLIN TPKE
MORRISONVILLE RD
SIERRA LN
RICKARD RD
MILLTOWN RD
COTTAGEGROVE LN
SNOW LN
ASH GEORGE RD
HYATT LN
DAWSON GAP LN
MOUNTAIN RD
LEGARD FARM RD
RICHARD CREEK LN
MILLSTONE DR
GRANGE DR
NIXON RD
GROVERS MILL LN
CREEK POINT CT
BUROAK DR
JOHN WOLFORD RD
OMEGA CT
LYNNFORD CT
CORONET PL
CORBETT LN
WRIGHTS LN
GAVER MILL RD
GRUBSTAKE FARM LN
NORTH FORK CATOCTIN CREEK
BLUEBIRD RIDGE LN
VIRTS LN
OLD WHEATLAND RD
AUDREY JEAN DR
MEADOW FARM LN
CHARLES HENRY PL
ELSIE VIRGINIA PL
KOERNER LN
HILLSBORO RD
ASHBURN CHURCH RD
CHARTWELL LN
GREENWOOD FARM LN
LONGMOOR FARM LN
ELIZABETHS FIELD LN
CAMPBELL CLAN LN
WINSOME TRAIL LN
WEINER FARM LN
HIDDEN SPRINGS LN
GALLOP LN
PURCELLVILLE RD
SOUTH FORK CATOCTIN CREEK
TOUCHSTONE FARM LN
BAKER MILL RD
GRASS ROOTS LN
FREMONT LN
ALLDER SCHOOL RD
SLEEPY HOLLOW LN
HAMPTON RD
PURPLE MARTIN LN
EUDORA LN
JONES FARM CT
OLD STAGE PL
MISTERFORD MEADOW PL
WATERFORD CREEK CIR
HIDDEN MEADOW LN
HAMILTON PINES LN
STILL MEADOW LN
PIGGOTT BOTTOM RD
HAMILTON STATION RD
AUNT LONAS LN
GOLDEN SPRINGS CT
GOLDENCREST CIR
MACMAUGHTON CT
FALCONHURST DR
MICHELSON DR
HIGHLAND FARM PL
WRIGHT FARM DR
ST FRANCIS CT
CARMICHAEL PL
DITCHLING PL
IVANDALE RD
HEATHER KNOLLS PL
RAMBLING FARM DR
BETTIS DR
IRENE RD
MEADOWLARK DR
QUAIL CREEK CIR
PHANTOM LN
MAPLE AVE
PICKWICK DR
TRANSHIRE CT
ROSEMONT FARM PL
BRITERBUSH CT
VIVIAN DR
SACRED HEART LN
CORYS FARM LN
VIA NIA CT

Ryan Road – Evergreen Mills Road to Northstar Boulevard

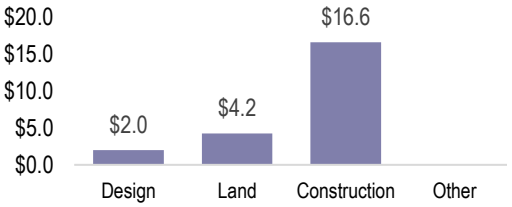
Details

Project Number: n/a
Election District: Blue Ridge
Length: 1.5 miles
Project Type: Widening
Estimated Completion Year: FY 2029
Referendum: November 2022

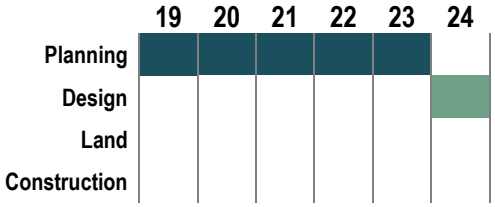
Background

This project provides for the planning, design, right-of-way acquisition, and widening along Ryan Road between Evergreen Mills Road (Route 621) and Northstar Boulevard (Route 659). Planning, design, and widening of the Ryan Road from Beaver Dam to Northstar segment has been proffered by a developer with work set to begin in FY 2019.

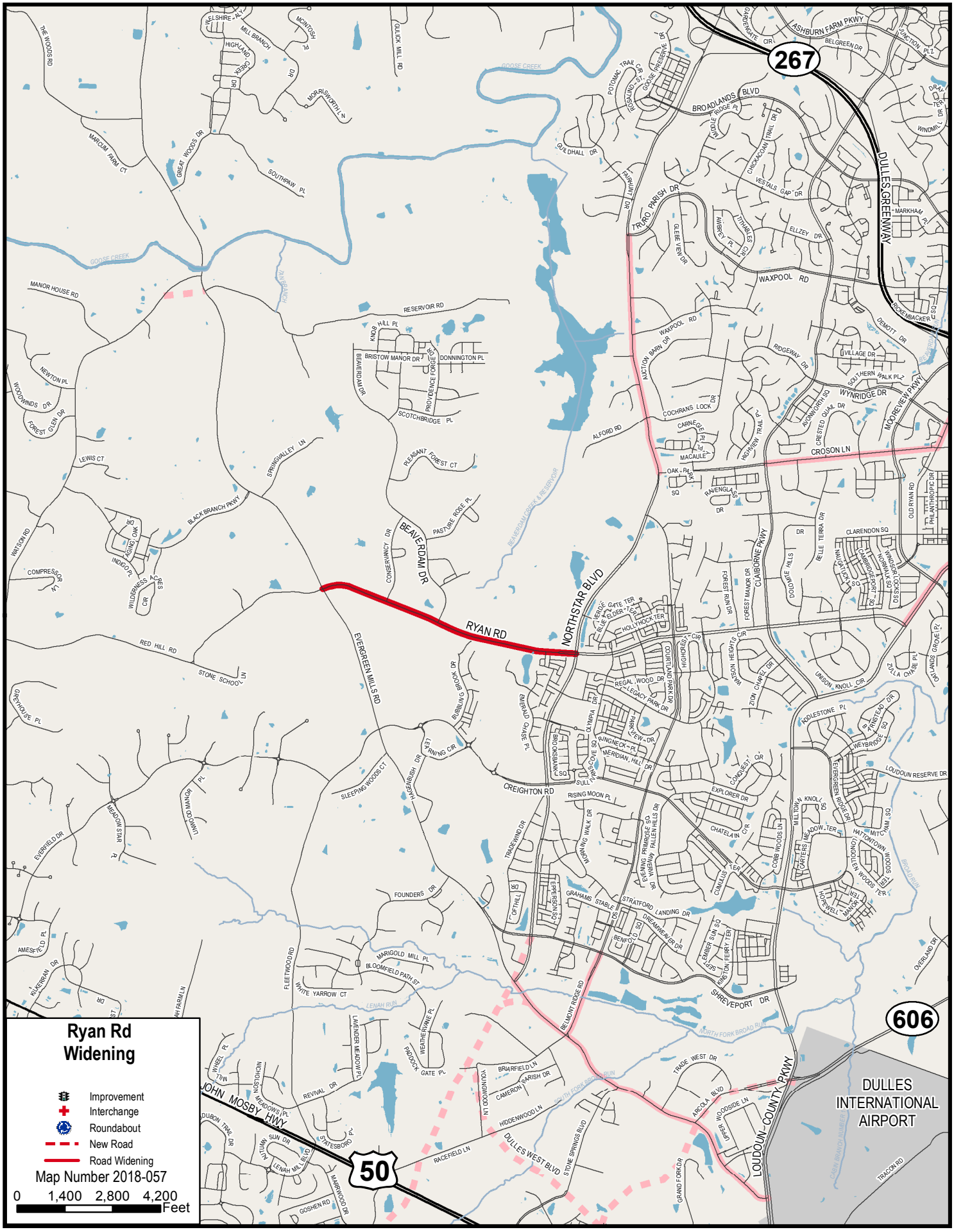
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	2,000	2,000	-	2,000
Land	-	-	-	-	-	-	-	-	4,240	4,240
Construction	-	-	-	-	-	-	-	-	16,560	16,560
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**2,000**	**2,000**	**20,800**	**22,800**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	2,000	2,000	20,800	22,800
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**2,000**	**2,000**	**20,800**	**22,800**


Ryan Rd
Widening
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-057
0 1,400 2,800 4,200
Feet
267
606
50
RYAN RD
BEAVERDAM DR
NORTHSTAR BLVD
EVERGREEN MILLS RD
CREIGHTON RD
DULLES GREENWAY
LOUDOUN-COUNTY PKWY
JOHN MOSBY HWY
DULLES INTERNATIONAL AIRPORT
ASHBURN FARM PKWY
BROADLANDS BLVD
TRURO PARISH DR
WAXPOOL RD
RESERVOIR RD
MANOR HOUSE RD
CROSON LN
WYNRIDGE DR
MOOREVIEW PKWY
CLAIBORNE PKWY
ALFORD RD
RED HILL RD
STONE SCHOOL LN
BLACK BRANCH PKWY
SPRINGVALLEY LN
LEWIS CT
WATSON RD
BEAVERDAM CREEK & RESERVOIR
GOOSE CREEK
BROADLANDS BLVD
LOUDOUN RESERVE DR
SHREVEPORT DR
BELMONT RIDGE RD
STONE SPRINGS BLVD
DULLES WEST BLVD
RACEFIELD LN
HIDDENWOOD LN
CAMERON PARISH DR
BRIARFIELD LN
TRADE WEST DR
ARCOLA BLVD
WOODSIDE LN
LENAH RUN
NORTH FORK BROAD RUN
BROAD RUN
GOOSE CREEK
SOUTHERN WALK PLZ
CLARENDON SQ
WINDSOR LOCKS SQ
CAMBRIDGE PORT SQ
WORMLEY SQ
GLOUCESTER SQ
WINCHESTER SQ
LANCASTER SQ
PALMERSTOWN CIR
OLD RYAN RD
BELLE TERRA DR
FOREST RUN DR
FOREST MANOR DR
DOLOMITE HILLS
WINDSOR HEIGHTS CIR
HIGHGROVE CIR
COURTLAND PARK DR
REGAL WOOD DR
LEGACY PARK DR
UNISON KNOLL CIR
ZION CHAPEL DR
ZELLA CHASE PL
LAMBS GROVE PL
MIDDLESTONE PL
PRESTEAD DR
WEYBRIDGE SQ
EVERGREEN RIDGE DR
MILLTOWN KNOLL SQ
MEADOW TER
CARTERS MEADOW TER
HATTONTOWN SQ
LONGTOWN WOODS TER
HORSEWELL MANOR SQ
OVERLAND DR
EXPLORER DR
CONQUEST CIR
CHATELAIN CIR
COBB WOODS SQ
CUMULUS TER
MORNING WALK DR
MORNING PRIMROSE SQ
EVENING FALLEN HILLS DR
TRADEWIND DR
GRAHAMS STABLE SQ
STRATFORD LANDING DR
DREAMWEAVER DR
BENFORD SQ
EMBER SUN SQ
KINGSTON FERRY TER
OFFTHILL DR
JEFFERSON SQ
FOUNDERS DR
MERIDIAN HILL DR
SUMMIT VIEW DR
RUNNING CREEK SQ
EMERALD CHASE PL
OLYMPIA DR
BABBLING BROOK DR
LEARNING CIR
SLEEPING WOODS CT
HUNTSBRUSH DR
LUMLEY MANOR PL
MEADOW STAR PL
EVERFIELD DR
GREYHOUSE PL
AMESFIELD PL
KILKERRAN DR
FLEETWOOD RD
MARIGOLD MILL PL
BLOOMFIELD PATH ST
WHITE YARROW CT
LAVENDER MEADOW PL
WEATHERVANE PL
PADDOCK GATE PL
REVIVAL DR
NOSTOKOMO MEADOWS PL
STATESBORO PL
WHEEL PL
NUTMEG SUN DR
LENAH MILL DR
DUBON TRAIL DR
GOSHEN RD
MARKWOOD DR
GRAND FORK DR
TRACON RD
VOLUNTOWN LN
PROVIDENCE FORGE WAY
BEAVERDAM DR
BRISTOW MANOR DR
DONNINGTON PL
KNOB HILL PL
SCOTCHBRIDGE PL
PLEASANT FOREST CT
PASTURE ROSE PL
CONSERVANCY DR
WILDERNESS ACRES CIR
INDIGO PL
WOODWINDS DR
FOREST GLEN DR
NEWTON PL
THE WOODS RD
ELSHIRE LN
HIGHLAND CREST DR
MILL BRANCH DR
MCINTOSH PL
MORRISWORTH LN
GULICK MILL RD
MARCUM FARM CT
GREAT WOODS DR
SOUTHPAW PL
GULDHALL DR
FAIRHUNT LN
POTOMAC TRAIL CIR
ROSALIND ST
GOOSE PRESERVE DR
CHICKAHOMINY TRAIL DR
VESTALS GAP DR
GLEBE VIEW DR
AVERLEY PL
GLEBEHALL CIR
ELLZEY DR
MARKHAM PL
WINDMILL DR
BOCKENBACKER SQ
ORMOTT DR
VILLAGE DR
RIDGEWAY DR
AUCTION BARN DR
COCHRANS LOCK DR
CARNEGIE PL
MACAULEY PL
HIGHVIEW TRAIL PL
CRESTED QUAIL DR
ACOMWORTH SQ
OAK PARK SQ
RAVENGLASS DR
JUNCTION PL
BELGREEN DR
OGDEN CIR
OBERGATE CIR

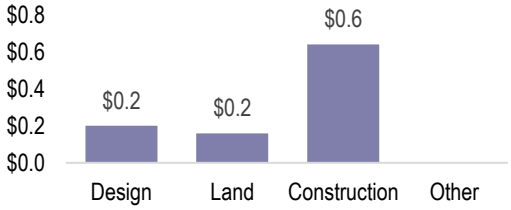
Seneca Ridge Drive – South Cottage Road to Augusta Drive

Details

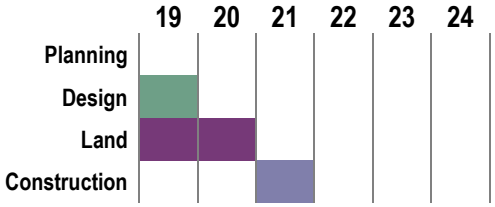
Project Number: C02106
Election District: Sterling, Algonkian
Length: 0.2 miles
Project Type: Pedestrian and roadway improvements
Estimated Completion Year: FY 2021
Referendum: n/a

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	200	-	-	-	-	-	200	-	200
Land	-	160	-	-	-	-	-	160	-	160
Construction	-	680	-	-	-	-	-	680	-	680
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,040**	**-**	**-**	**-**	**-**	**-**	**1,040**	**-**	**1,040**
Local Tax Funding	-	1,040	-	-	-	-	-	1,040	-	1,040
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,040**	**-**	**-**	**-**	**-**	**-**	**1,040**	**-**	**1,040**

MONTGOMERY COUNTY, MD
FAIRFAX COUNTY, VA
Potomac Lakes Sportsplex
Claude Moore Park
Brier Patch Park
HARRY BYRD HWY
ALGONKIAN PKWY
PALISADE PKWY
POTOMAC VIEW RD
SENECA RIDGE DR
AUGUSTA DR
CHURCH RD
7
Seneca Ridge Rd Improvements
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-513
0 1,400 2,800 4,200
Feet

Shellhorn Road – Loudoun County Parkway to Randolph Drive

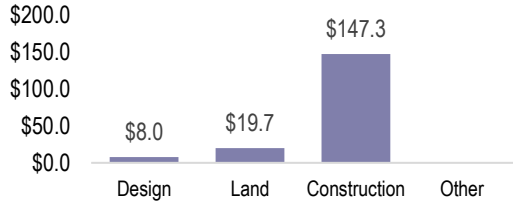
Details

Project Number: C02125
Election District: Broad Run
Length: 2.4 miles
Project Type: New roadway
Estimated Completion Year: FY 2027
Referendum: November 2016

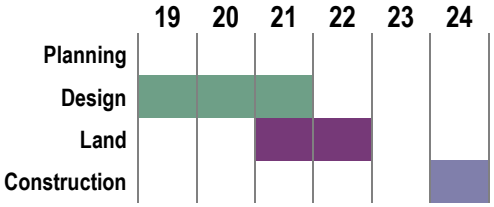
Background

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

Phase Costs in Millions

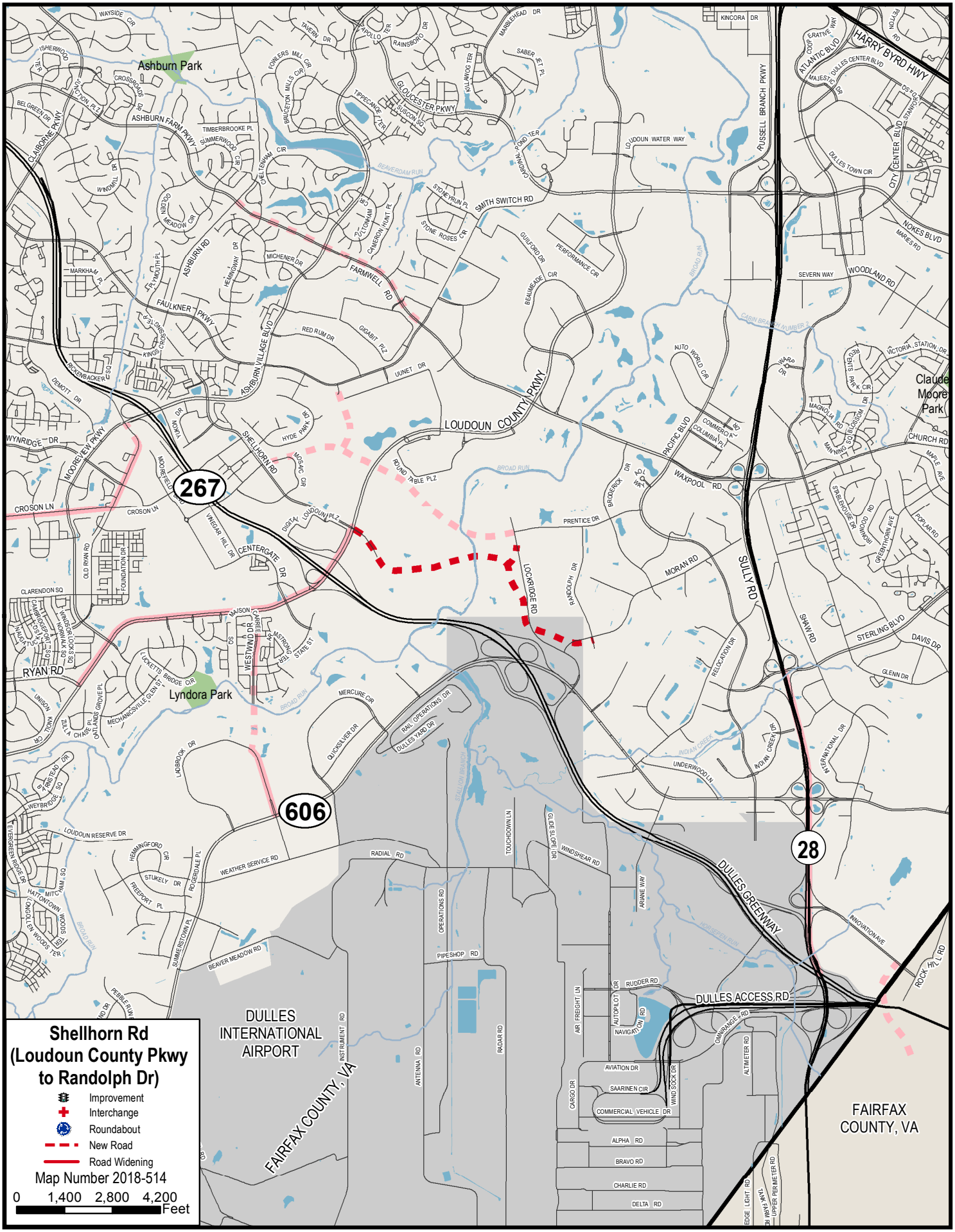


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	8,000	-	-	-	-	-	-	-	-	8,000
Land	-	-	19,735	-	-	-	-	19,735	-	19,735
Construction	-	-	-	-	-	54,715	92,550	147,265	-	147,265
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**8,000**	**-**	**19,735**	**-**	**-**	**54,715**	**92,550**	**167,000**	**-**	**175,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	3,735	-	-	11,305	-	15,040	-	15,040
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	8,000	-	-	-	-	43,410	-	43,410	-	51,410
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	16,000	-	-	-	-	16,000	-	16,000
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	92,550	92,550	-	92,550
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**8,000**	**-**	**19,735**	**-**	**-**	**54,715**	**92,550**	**167,000**	**-**	**175,000**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	400	390	380	1,088	2,258
Total Impact	**-**	**-**	**400**	**390**	**380**	**1,088**	**2,258**


Shellhorn Rd
(Loudoun County Pkwy
to Randolph Dr)
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-514
0 1,400 2,800 4,200
Feet
Ashburn Park
Lyndora Park
Claude Moore Park
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
FAIRFAX COUNTY, VA
LOUDOUN COUNTY PKWY
SMITH SWITCH RD
FARMWELL RD
ASHBURN RD
ASHBURN VILLAGE BLVD
FAULKNER PKWY
MOORFIELD VIEW PKWY
SHELLHORN RD
CENTERGATE DR
LOCKRIDGE RD
SULLY RD
WAXPOOL RD
PACIFIC BLVD
RUSSELL BRANCH PKWY
HARRY BYRD HWY
ATLANTIC BLVD
CITY CENTER BLVD
NOKES BLVD
WOODLAND RD
CHURCH RD
STERLING BLVD
DAVIS DR
SHAW RD
MORAN RD
PRENTICE DR
CROSON LN
RYAN RD
CLAIBORNE PKWY
GLOUCESTER PKWY
TIPPECANOE TER
RAINSBORO DR
APOLLO TER
TAVERN DR
MARBLEHEAD DR
SABER JET PL
KINCORA DR
LOUDOUN WATER WAY
POND TER
STONE RUN PL
STONE ROSES CIR
GUILFORD DR
PERFORMANCE CIR
BEAUMEADE CIR
MICHENER DR
RED RUM DR
GIGABIT PLZ
UUNET DR
AUTO WORLD CIR
COMMERCE ST
COLUMBIA PL
ROUND TABLE PLZ
DIGITAL LOUDOUN PLZ
MOSAIC CIR
HYDE PARK DR
BROADERICK DR
RANDOLPH DR
MERCURE CIR
RAIL OPERATIONS DR
DULLES YARD DR
QUICKSILVER DR
LADBROOK DR
LOUDOUN RESERVE DR
WEATHER SERVICE RD
RADIAL RD
OPERATIONS RD
PIPESHOP RD
BEAVER MEADOW RD
TOUCHDOWN LN
GLIDE SLOPE DR
WINDSHEAR RD
ARIANE WAY
DULLES GREENWAY
DULLES ACCESS RD
RUDDER RD
AUTOPILOT DR
NAVIGATION RD
OMNIRANGE RD
ALTIMETER RD
AIR FREIGHT LN
AVIATION DR
SAARINEN CIR
COMMERCIAL VEHICLE DR
WIND SOCK DR
CARGO DR
ALPHA RD
BRAVO RD
CHARLIE RD
DELTA RD
INSTRUMENT RD
ANTENNA RD
RADAR RD
INNOVATION AVE
ROCK HILL RD
INTERNATIONAL DR
INDIAN CREEK DR
UNDERWOOD LN
RELOCATION DR
GLENN DR
MAPLE AVE
POPLAR RD
GREENTHORN AVE
GABLEHOUSE DR
MAGNOLIA RD
MANNINGS BLOSSOM DR
VICTORIA STATION DR
SEVERN WAY
MARIES RD
BROADBACKER CT
DEMOTT DR
WYNRIDGE DR
YARMOUTH DR
NORWALK SQ
CLARENDON SQ
OLD RYAN RD
FOUNDATION DR
VAUGAR HILL DR
LUCKETTS BRIDGE CIR
MECHANICSVILLE GLEN ST
ZULA CHASE JAMES GROVE PL
UNION CHAPEL CIR
WESTWIND DR
ARMSTRONG TER
STATE ST
JAMISON CHASE SQ
WEYBRIDGE SQ
BRISTEAD DR
EVERGREEN RIDGE DR
HEMMINGFORD CIR
STUKELY DR
FREEPORT PL
ROGERDALE PL
HATTONTOWN SQ
MITCHAM SQ
LONGLEN WOODS SQ
LONGLEN WOODS TER
SUMMERSTOWN PL
PEBBLE RUN DR
BROAD RUN
BEAVERDAM RUN
CABIN BRANCH TRIBUTARY 2
HORSEPEN RUN
INDIAN CREEK
BULLION BRANCH
267
606
28

Sycolin Road – Loudoun Center Place to Crosstrail Boulevard

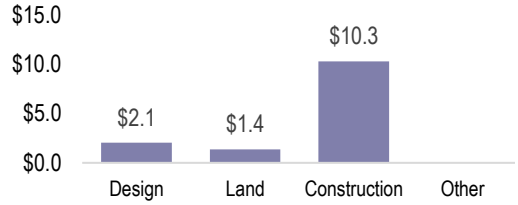
Details

Project Number: TBD
Election District: Catoctin
Length: 1.0 miles
Project Type: Widening
Estimated Completion Year: FY 2026
Referendum: November 2021

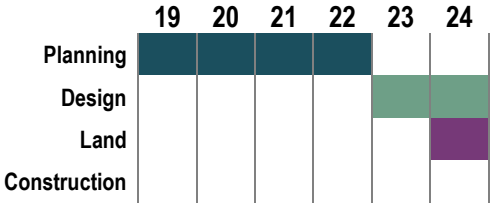
Background

This project provides for the planning, design, right-of-way acquisition, and construction needed to widen Sycolin Road to a four-lane median divided road between Loudoun Center Place and Crosstrail Boulevard.

Phase Costs in Millions

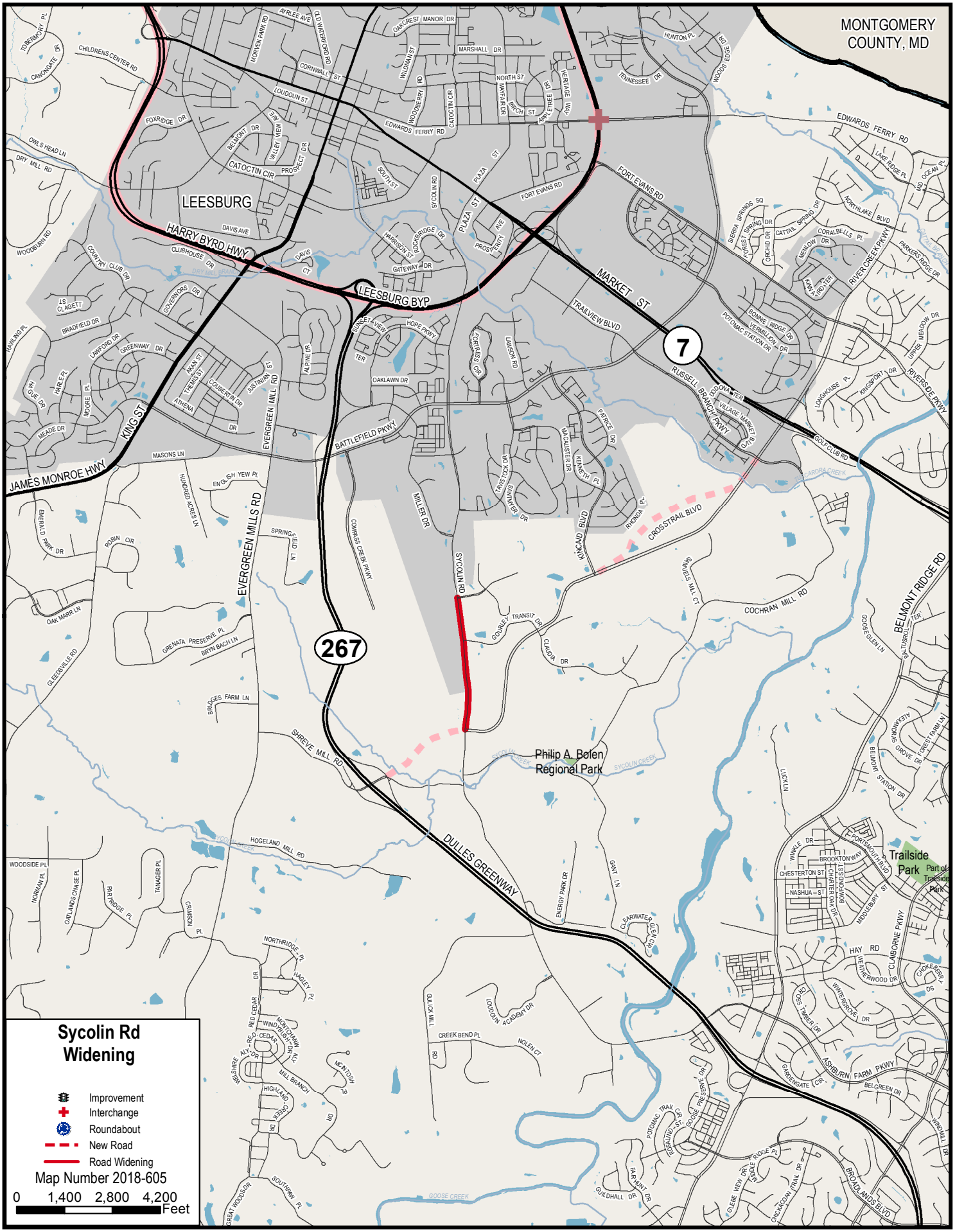


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	2,055	-	2,055	-	2,055
Land	-	-	-	-	-	-	1,370	1,370	-	1,370
Construction	-	-	-	-	-	-	-	-	10,275	10,275
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**2,055**	**1,370**	**3,425**	**10,275**	**13,700**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	2,055	1,370	3,425	10,275	13,700
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**2,055**	**1,370**	**3,425**	**10,275**	**13,700**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	-	208	208
Total Impact	**-**	**-**	**-**	**-**	**-**	**208**	**208**


MONTGOMERY COUNTY, MD
LEESBURG
HARRY BYRD HWY
LEESBURG BYP
MARKET ST
FORT EVANS RD
EDWARDS FERRY RD
CATOCTIN CIR
KING ST
JAMES MONROE HWY
EVERGREEN MILLS RD
BATTLEFIELD PKWY
RUSSELL BRANCH PKWY
TRAILVIEW BLVD
CROSSTRAIL BLVD
COCHRAN MILL RD
BELMONT RIDGE RD
SYCOLIN RD
MILLER DR
SHREVE MILL RD
HOGELAND MILL RD
DULLES GREENWAY
RIVER CREEK PKWY
GOLF CLUB RD
RIVERSIDE PKWY
CLAIBORNE PKWY
ASHBURN FARM PKWY
HAY RD
7
267
Philip A. Bolen Regional Park
Trailside Park
Part of Trailside Park
Sycolin Rd Widening
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-605
0 1,400 2,800 4,200 Feet

Trailhead Drive & Braddock Road – Roundabout

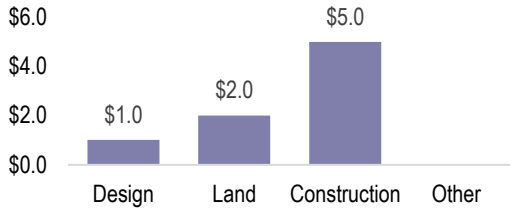
Details

Project Number: TBD
Election District: Blue Ridge
Length: TBD
Project Type: New roundabout
Estimated Completion Year: FY 2026
Referendum: November 2022

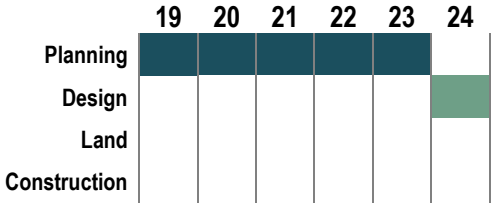
Background

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

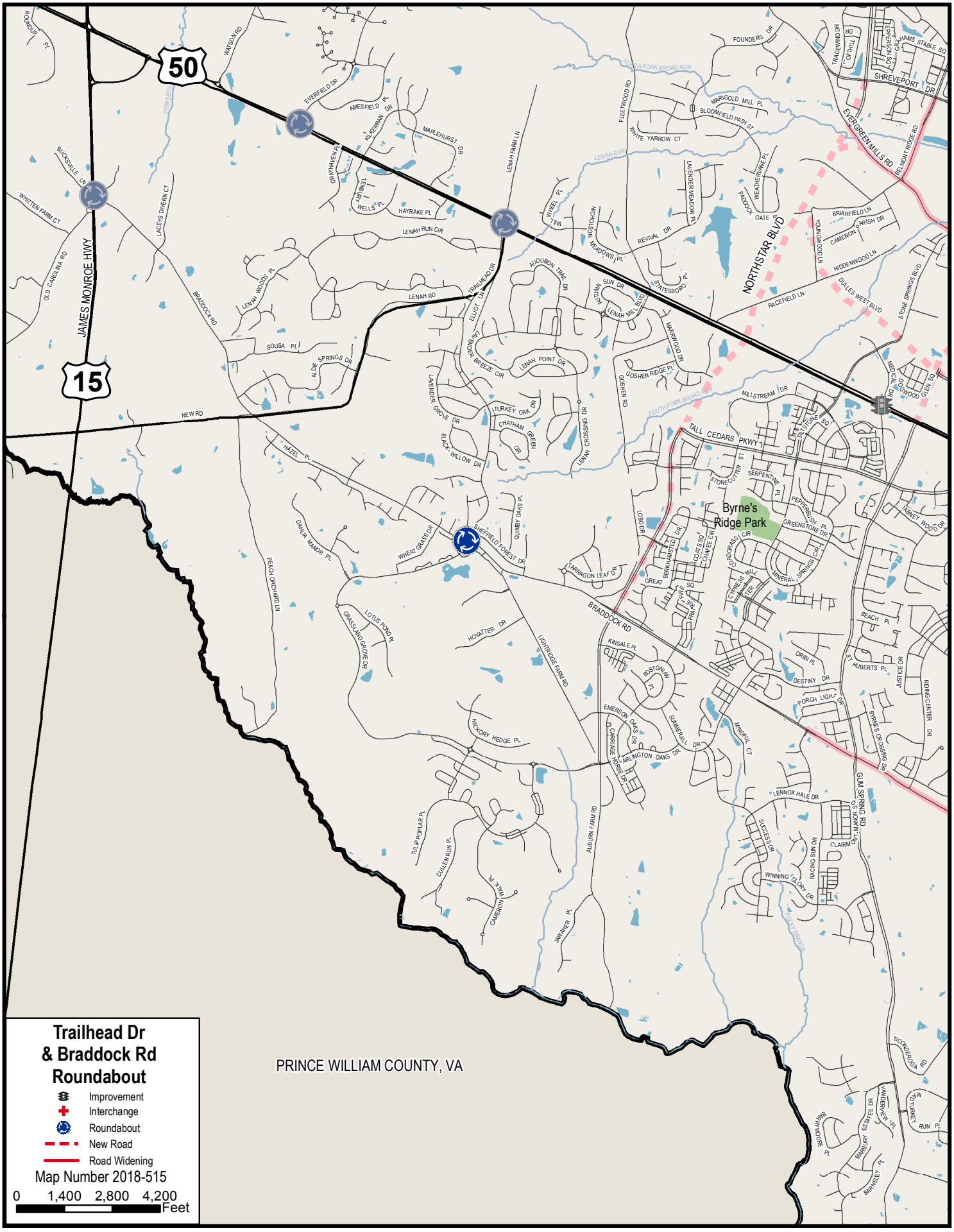
Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	1,015	1,015	-	1,015
Land	-	-	-	-	-	-	-	-	2,000	2,000
Construction	-	-	-	-	-	-	-	-	4,985	4,985
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**6,985**	**8,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	1,015	1,015	6,985	8,000
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**1,015**	**1,015**	**6,985**	**8,000**


Trailhead Dr
& Braddock Rd
Roundabout
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-515
0 1,400 2,800 4,200
Feet
PRINCE WILLIAM COUNTY, VA
50
15
JAMES MONROE HWY
BRADDOCK RD
LENAH RD
NEW RD
TALL CEDARS PKWY
NORTHSTAR BLVD
Byrne's
Ridge Park

Waxpool Road & Loudoun County Parkway – Intersection Improvements

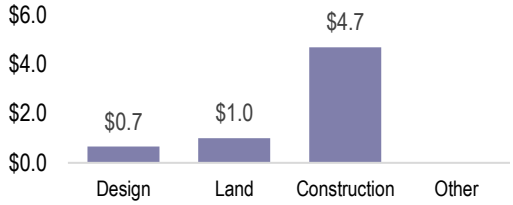
Details

Project Number: C02089
Election District: Broad Run
Length: 0.5 miles
Project Type: Widening and intersection improvements
Estimated Completion Year: FY 2025
Referendum: n/a

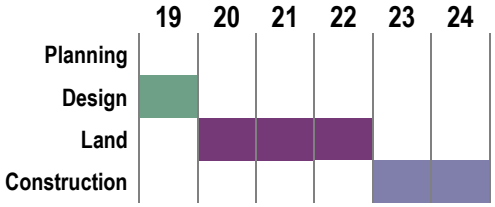
Background

This project provides for the planning, design, right-of-way acquisition, and construction of widening and intersection improvements along Waxpool Road (Route 625) at Loudoun County Parkway (Route 607). The project entails developing triple left turn lanes from westbound Waxpool Road onto southbound Loudoun County Parkway and a channelized free flow right turn lane with acceleration lane from northbound Loudoun County Parkway onto eastbound Waxpool Road. The project is designed to accommodate the westbound Waxpool Road left turns onto southbound Loudoun County Parkway, as well as the eastbound right turn lanes from Loudoun County Parkway onto Waxpool Road.

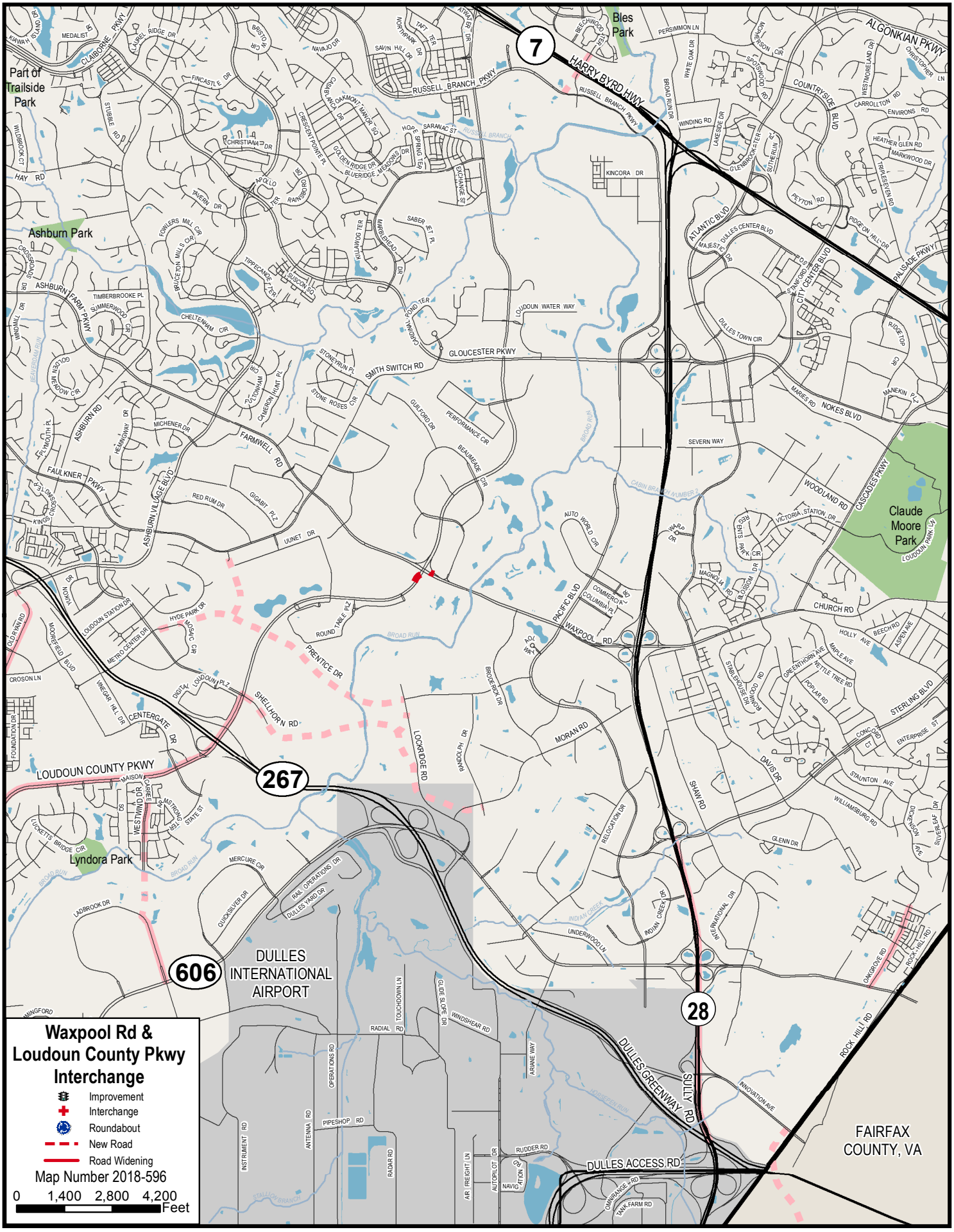
Phase Costs in Millions



Project Phase Timeline by FY



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


Waxpool Rd &
Loudoun County Pkwy
Interchange
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-596
0 1,400 2,800 4,200
Feet
Part of Trailside Park
Ashburn Park
Bles Park
Claude Moore Park
Lyndora Park
DULLES INTERNATIONAL AIRPORT
FAIRFAX COUNTY, VA
7
267
606
28
HARRY BYRD HWY
LOUDOUN COUNTY PKWY
RUSSELL BRANCH PKWY
GLOUCESTER PKWY
SMITH SWITCH RD
ASHBURN FARM PKWY
FARMWELL RD
ASHBURN VILLAGE BLVD
FAULKNER PKWY
ALGONKIAN PKWY
PALISADE PKWY
ATLANTIC BLVD
DULLES TOWN CIR
NOKES BLVD
CASCADES PKWY
WOODLAND RD
CHURCH RD
WAXPOOL RD
PACIFIC BLVD
PRENTICE DR
SHELLHORN RD
CENTERGATE DR
LOCKRIDGE RD
MORAN RD
SHAW RD
DAVIS DR
STERLING BLVD
DULLES GREENWAY
SULLY RD
DULLES ACCESS RD
ROCK HILL RD
INNOVATION AVE
RUSSELL BRANCH
BROAD RUN
INDIAN CREEK

Westwind Drive – Loudoun County Parkway to Old Ox Road

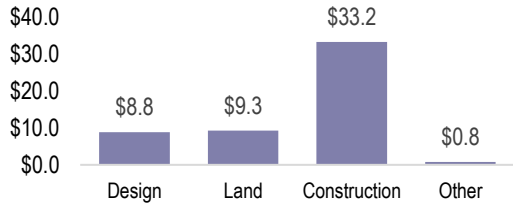
Details

Project Number: C02210
Election District: Dulles
Length: 0.6 miles
Project Type: New roadway
Estimated Completion Year: FY 2026
Referendum: November 2019

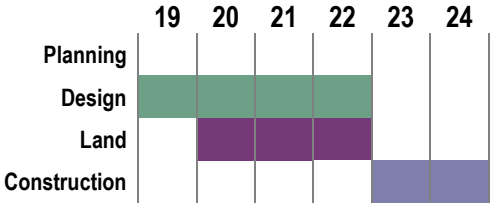
Background

This project provides for the planning, design, right-of-way acquisition and construction of Westwind Drive (Route 2141) between the Loudoun County Parkway and Old Ox Road (Route 606). The project entails the widening of existing roadway and construction of a new four-lane, median-divided roadway within a 120-foot right-of-way.

Phase Costs in Millions

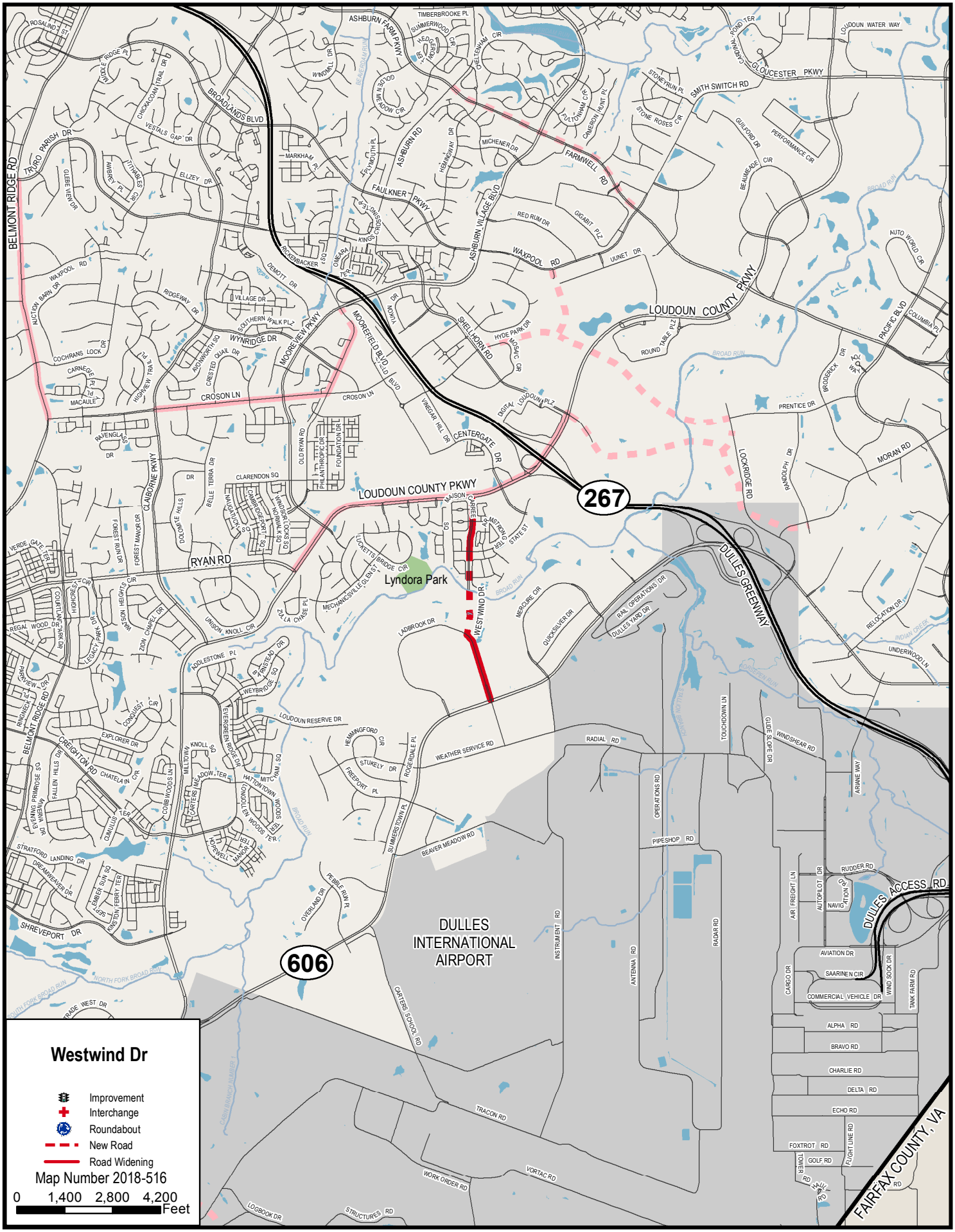


Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	8,830	-	-	-	-	-	8,830	-	8,830
Land	-	-	1,350	7,900	-	-	-	9,250	-	9,250
Construction	-	-	3,650	-	20,135	9,436	-	33,221	-	33,221
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	800	-	-	-	800	-	800
Total Cost	**-**	**8,830**	**5,000**	**8,700**	**20,135**	**9,436**	**-**	**52,101**	**-**	**52,101**
Local Tax Funding	-	8,261	-	-	-	-	-	8,261	-	8,261
Local Tax Funding - Roads	-	430	2,075	-	-	-	-	2,505	-	2,505
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	7,900	9,750	-	-	17,650	-	17,650
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	139	2,925	800	-	-	-	3,864	-	3,864
Smart Scale	-	-	-	-	10,385	9,436	-	19,821	-	19,821
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**8,830**	**5,000**	**8,700**	**20,135**	**9,436**	**-**	**52,101**	**-**	**52,101**

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


Westwind Dr
Improvement
Interchange
Roundabout
New Road
Road Widening
Map Number 2018-516
0 1,400 2,800 4,200
Feet
267
606
Lyndora Park
DULLES INTERNATIONAL AIRPORT
LOUDOUN COUNTY PKWY
RYAN RD
BELMONT RIDGE RD
DULLES GREENWAY
DULLES ACCESS RD
FAIRFAX COUNTY, VA
WESTWIND DR
ASHBURN FARM PKWY
BROADLANDS BLVD
FARMWELL RD
FAULKNER PKWY
ASHBURN VILLAGE BLVD
WAXPOOL RD
GLOUCESTER PKWY
SMITH SWITCH RD
MOORFIELD BLVD
CENTERGATE DR
CROSON LN
WYNRIDGE DR
MOORFIELD VIEW PKWY
CLAIBORNE PKWY
LOCKRIDGE RD
MORAN RD
PRENTICE DR
RELOCATION DR
UNDERWOOD LN
WEATHER SERVICE RD
LOUDOUN RESERVE DR
SUMMERSTOWN PL
BEAVER MEADOW RD
TRACON RD
VORTAC RD
WORK ORDER RD
CARTERS SCHOOL RD
INSTRUMENT RD
ANTENNA RD
RADAR RD
OPERATIONS RD
PIPESHOP RD
RADIAL RD
AVIATION DR
SAARINEN CIR
COMMERCIAL VEHICLE DR
ALPHA RD
BRAVO RD
CHARLIE RD
DELTA RD
ECHO RD
FOXTROT RD
GOLF RD
HOTEL RD
FLIGHT LINE RD
CARGO DR
WIND SOCK DR
TANK FARM RD
AIR FREIGHT LN
AUTOPILOT DR
RUDDER RD
WINDSHEAR RD
ARNAE WAY
TOUCHDOWN LN
GLIDE SLOPE DR
RAIL OPERATIONS DR
DULLES YARD DR
QUICKSILVER DR
MERCURE CIR
LADBROOK DR
ROGERDALE PL
STUKELY DR
FREEPORT PL
HEMMINGFORD CIR
EVERGREEN RIDGE DR
WEYBRIDGE SQ
ADDLESTONE PL
PRISTEAD DR
UNISON KNOLL CIR
ZULLA CHASE PL
MECHANICSVILLE GLEN ST
LUCKETTS BRIDGE CIR
CLARENDON SQ
CAMBRIDGE PORT SQ
WINDSOR LOCKS SQ
NORMANDY SQ
ENNINGTON SQ
OLD RYAN RD
PHILANTHROPIC DR
FOUNDATION DR
VINEGAR HILL DR
DIGITAL LOUDOUN PLZ
SHELLHORN RD
HYDE PARK DR
ROUND TABLE PLZ
GIGABIT PLZ
RED RUM DR
ONEGA RD
KINGSLEY PL
MICHENER DR
HOWIN DR
WINDOM DR
MARKHAM PL
PLYMOUTH PL
CAMERON HUNT PL
CHELTENHAM CIR
SUMMERWOOD CIR
TIMBERBROOKE PL
ROSALIND ST
RIDGE PL
CHICKAHOMINY TRAIL CIR
VESTALS GAP DR
TRURO PARISH DR
GLEBE VIEW DR
AMBERLY PL
ELLZEY DR
AUCTION BARN DR
COCHRANS LOCK DR
CARNEGIE PL
MACAULE PL
HIGHVIEW TRAIL PL
RAVENGLASS DR
VERDE GATE TER
FOREST RUN DR
FOREST MANOR DR
DOLOMITE HILLS DR
BELLE TERRA DR
REGAL WOOD CIR
HIGHCREST CIR
WATSON HEIGHTS CIR
LEGACY PARK SQ
ZION CHAPEL DR
PARKVIEW DR
RINGNECK CT
CONQUEST CIR
EXPLORER DR
CREIGHTON RD
CHATELAIN CIR
FALLEN HILLS DR
SPRING PRIMROSE SQ
MEADOW PRIMROSE DR
CUMULUS TER
COBB WOODS LN
MELLOWTOWN KNOLL SQ
MEADOW TER
CARTER SQ
HATTONTOWN SQ
MITCHAM SQ
WOODS TER
HOPEWELL MANOR TER
STRATFORD LANDING DR
DREAMWEAVER DR
AMBER SUN SQ
KINSTON FERRY TER
SHREVEPORT DR
OVERLAND DR
PEBBLE RUN PL
TRADE WEST DR
NORTH FORK BROAD RUN
SOUTH FORK BROAD RUN
CUB RUN BRANCH NUMBER 1
BROAD RUN
INDIAN CREEK
ROUND TER
LOUDOUN WATER WAY
STONETRUN PL
STONE ROSES CIR
GUILFORD DR
PERFORMANCE CIR
BEAUMEADE CIR
AUTO WORLD CIR
BRODERICK DR
PACIFIC BLVD
COLUMBIA PL
RANDOLPH DR
LOGBOOK DR
STRUCTURES RD

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Capital Improvement Program
Sidewalks, Signals and Traffic Calming

Capital Improvement Program by Functional Area
Schedule of Appropriations
Sidewalks, Signals and Traffic Calming

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Contingency - Sidewalk	2,000	815	1,000	1,000	1,000	1,000	1,000	5,815	4,000	11,815
Contingency - Traffic Calming	200	250	250	250	250	250	250	1,500	1,000	2,700
Contingency - Traffic Signal	1,000	508	750	750	750	750	750	4,258	3,000	8,258
Harmony Middle School - Sidewalk	-	-	-	-	1,390	-	1,900	3,290	-	3,290
River Creek Pkwy. - Sidewalk	-	-	-	-	1,315	-	-	1,315	-	1,315
Sterling Blvd./W&OD Trail - Overpass	-	-	500	7,745	-	-	-	8,245	-	8,245
Intersection Improvement Program	-	1,854	-	-	13,965	15,290	15,835	46,944	56,940	103,884
Sidewalk and Trail Program	-	185	-	-	1,110	1,925	11,085	14,305	58,865	73,170
Route 7 Pedestrian Crossings	-	855	-	1,100	1,000	4,200	-	7,155	-	7,155
Loudoun County Pkwy. - Shared-Use Path	-	-	-	-	-	-	-	-	8,435	8,435
Ryan Rd. / Olympia Dr. Traffic Signal	-	-	-	-	-	-	-	-	-	-
Belmont Ridge Rd. / Legacy Park Dr. Traffic Signal	-	-	-	-	-	-	330	330	800	1,130
W&OD At-Grade Crossing Improvements	-	-	-	550	575	595	620	2,340	-	2,340
Old Ryan Rd. - Pedestrian Improvements	-	-	-	-	-	-	395	395	2,490	2,885
Oakgrove Rd. - Pedestrian Improvements	-	-	967	-	-	-	-	967	-	967
Total Cost	**3,200**	**4,467**	**3,467**	**11,395**	**21,355**	**24,010**	**32,165**	**96,859**	**135,530**	**235,589**
Funding Source										
Local Tax Funding - Roads	-	3,612	2,514	2,100	3,000	2,000	2,330	15,556	8,800	24,356
General Obligation Bonds	-	-	500	8,745	16,390	21,415	26,250	73,300	124,315	197,615
Lease Revenue Financing	-	855	-	-	-	-	-	855	-	855
NVTA 30%	3,200	-	-	550	1,965	595	3,585	6,695	2,415	12,310
Gas Tax	-	-	453	-	-	-	-	453	-	453
Total Financing	**3,200**	**4,467**	**3,467**	**11,395**	**21,355**	**24,010**	**32,165**	**96,859**	**135,530**	**235,589**

Contingency Accounts

Details:

Project Number: Sidewalk Contingency – C02009; Traffic Calming Contingency – C02008; Traffic Signal Contingency – C02010
Election District: Countywide
Length: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

Background:

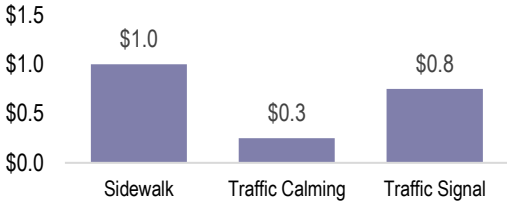
This project provides funding for three sidewalk, signals, and traffic calming contingency accounts:

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

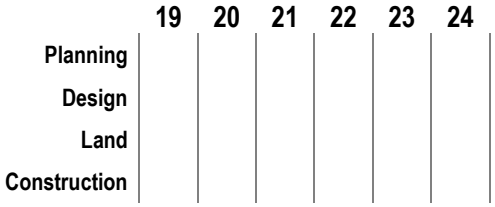
Traffic Calming Contingency
Provides $250,000 in funding in each year of the FY 2019 - FY 2024 CIP planning period to be used Countywide for the study, design, and construction of traffic calming measures.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	3,200	1,573	2,000	2,000	2,000	2,000	2,000	11,573	8,000	22,773
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**3,200**	**1,573**	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**11,573**	**8,000**	**22,773**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,573	2,000	2,000	2,000	2,000	2,000	11,573	8,000	19,573
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	3,200	-	-	-	-	-	-	-	-	3,200
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**3,200**	**1,573**	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**11,573**	**8,000**	**22,773**

Belmont Ridge Road & Legacy Park Drive – Traffic Signal

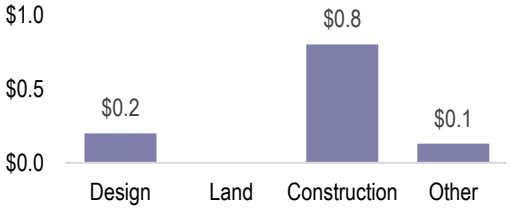
Details

Project Number: TBD
Election District: Blue Ridge
Length: n/a
Estimated Completion Year: FY 2026
Referendum: n/a

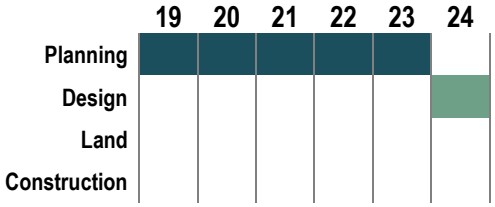
Background

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	200	200	-	200
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	800	800
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	130	130	-	130
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**330**	**330**	**800**	**1,130**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	330	330	800	1,130
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**330**	**330**	**800**	**1,130**

Harmony Middle School - Sidewalk

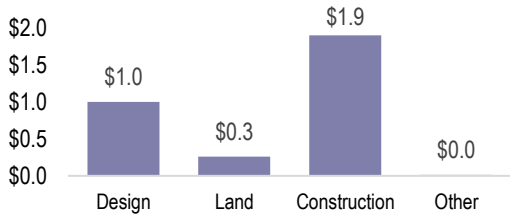
Details

Project Number: TBD
Election District: Catoctin
Length: 1 mile
Project Type: New sidewalk and drainage improvements
Estimated Completion Year: FY 2025
Referendum: n/a

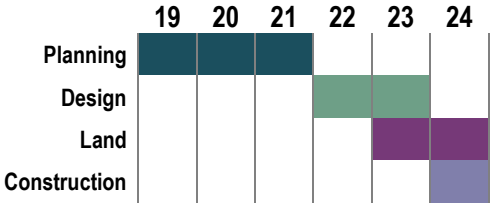
Background

This project provides funding to develop missing sidewalk segments and storm drainage improvements to the east and west of Harmony Middle School on West Colonial Highway (Route 7 Business) between Harmony Meadows Court and South Hughes Street (Route 709).

Phase Costs in Millions



Project Phase Timeline by FY



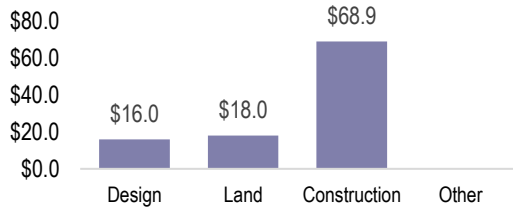
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	1,000	-	-	1,000	-	1,000
Land	-	-	-	-	260	-	-	260	-	260
Construction	-	-	-	-	-	-	1,900	1,900	-	1,900
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	130	-	-	130	-	130
Total Cost	**-**	**-**	**-**	**-**	**1,390**	**-**	**1,900**	**3,290**	**-**	**3,290**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	1,390	-	1,900	3,290	-	3,290
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**1,390**	**-**	**1,900**	**3,290**	**-**	**3,290**

Intersection Improvement Program

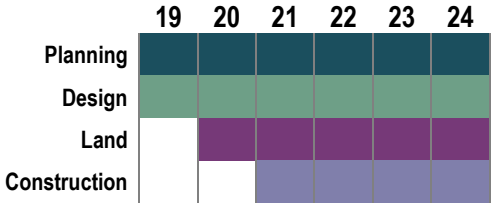
Details

Project Number: C02204
Election District: Countywide
Length: n/a
Project Type: Traffic signal installation/roundabout construction
Estimated Completion Year: Ongoing
Referendum: November 2018

Phase Costs in Millions



Project Phase Timeline by FY



Background

This program provides funding to initiate improvements to five intersections and one roundabout each year. Traffic signals typically require one year for design and one year for land acquisition, with construction starting in year three. Roundabouts typically require two years for design, one year for land acquisition, and two years for construction.

The proposed funding plan addresses the most urgent intersections in the first six years of the program. Prioritization of intersections will be based on a ranking of intersections that considers both frequency of accidents and traffic volume. Further prioritization and final selection of intersections in the program will be made by Board of Supervisors.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,854	-	-	2,700	1,900	1,900	8,354	7,600	15,954
Land	-	-	-	-	2,500	2,500	2,600	7,600	10,400	18,000
Construction	-	-	-	-	8,765	10,890	11,335	30,990	38,940	69,930
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,854**	**-**	**-**	**13,965**	**15,290**	**15,835**	**46,944**	**56,940**	**103,884**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	1,854	-	-	-	-	-	1,854	-	1,854
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	13,965	15,290	15,835	45,090	56,940	102,030
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,854**	**-**	**-**	**13,965**	**15,290**	**15,835**	**46,944**	**56,940**	**103,884**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FTE	2.0	-	1.0	-	-	-	3.0
Personnel	238	196	357	312	321	331	1,756
Debt Service	-	-	-	-	1,300	2,629	3,929
Total Impact	**238**	**196**	**357**	**312**	**1,621**	**2,960**	**5,685**

Loudoun County Parkway – Shared Use Path

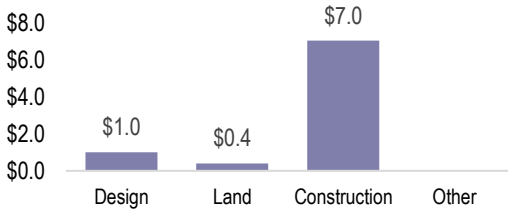
Details:

Project Number: TBD
Election District: Dulles
Length: 1.30 miles
Project Type: New shared use path
Estimated Completion Year: TBD
Referendum: TBD

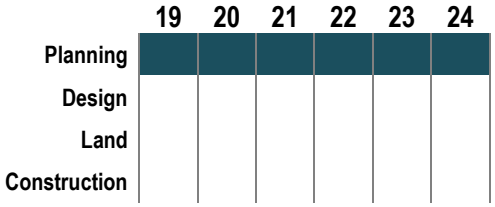
Background:

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	1,000	1,000
Land	-	-	-	-	-	-	-	-	400	400
Construction	-	-	-	-	-	-	-	-	7,035	7,035
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8,435**	**8,435**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	8,435	8,435
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8,435**	**8,435**

Oakgrove Road – Pedestrian Improvements

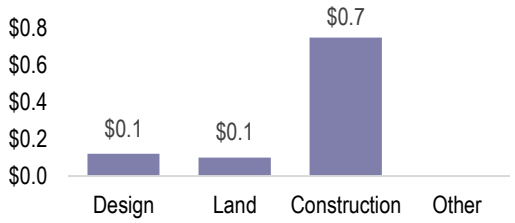
Details

Project Number: TBD
Election District: Broad Run
Length: 0.5 mile of traffic calming improvements; 630 feet of sidewalk
Project Type: Sidewalk and traffic calming improvement
Estimated Completion Year: FY 2022
Referendum: n/a

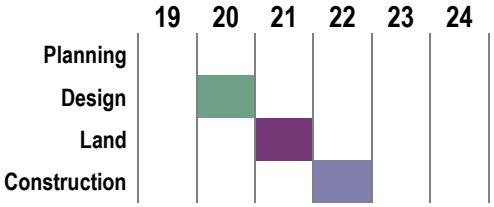
Background

This project provides funding for the design, right-of-way acquisition, and construction of traffic calming measures and new sidewalk on the west side of Oakgrove Road between Trefoil Lane and Caraway Terrace.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	120	-	-	-	-	120	-	120
Land	-	-	100	-	-	-	-	100	-	100
Construction	-	-	747	-	-	-	-	747	-	747
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**967**	**-**	**-**	**-**	**-**	**967**	**-**	**967**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Road	-	-	514	-	-	-	-	514	-	514
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	453	-	-	-	-	453	-	453
Total Financing	**-**	**-**	**967**	**-**	**-**	**-**	**-**	**967**	**-**	**967**

Old Ryan Road – Pedestrian Improvements

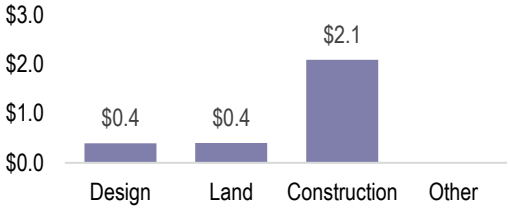
Details

Project Number: TBD
Election District: Broad Run
Length: 0.4 miles
Project Type: Sidewalk and traffic calming improvements
Estimated Completion Year: 2026
Referendum: FY 2022

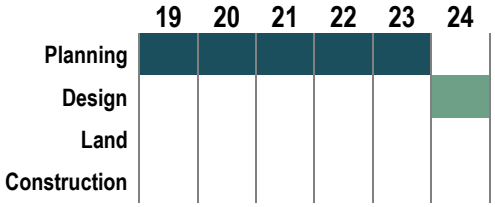
Background

This project provides for the design and construction of missing links in the sidewalk network and ancillary drainage improvements Old Ryan Road between Moorefield Boulevard and Croson Lane.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	395	395	-	395
Land	-	-	-	-	-	-	-	-	400	400
Construction	-	-	-	-	-	-	-	-	2,090	2,090
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**395**	**395**	**2,490**	**2,885**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	395	395	2,490	2,885
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**395**	**395**	**2,490**	**2,885**

River Creek Parkway – Sidewalk

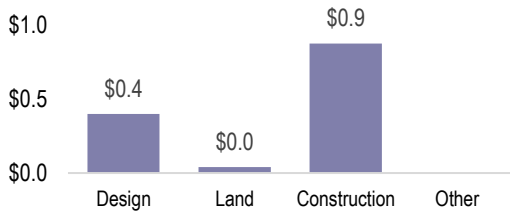
Details

Project Number: TBD
Election District: Leesburg, Catoctin
Length: 1,800 feet
Project Type: New sidewalk
Estimated Completion Year: FY 2025
Referendum: November 2020

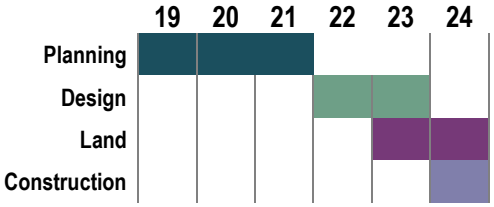
Background

This project provides funding to develop missing sidewalk segments along the east side of River Creek Parkway (Route 773) between Parkers Ridge Drive (Route 3054) and Riverside Parkway (Route 2401).

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	400	-	-	400	-	400
Land	-	-	-	-	40	-	-	40	-	40
Construction	-	-	-	-	875	-	-	875	-	875
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
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**1,315**	**-**	**-**	**1,315**	**-**	**1,315**

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

Route 7 Pedestrian Crossings

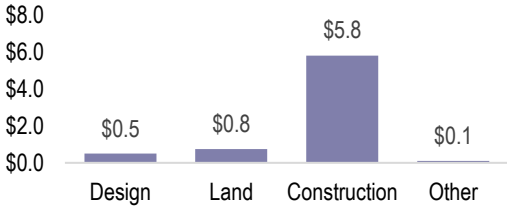
Details

Project Number: C02202
Election District: Sterling
Length: Intersections are along a 1.3-mile corridor
Project Type: Intersection and safety improvements
Estimated Completion Year: FY 2025
Referendum: November 2019

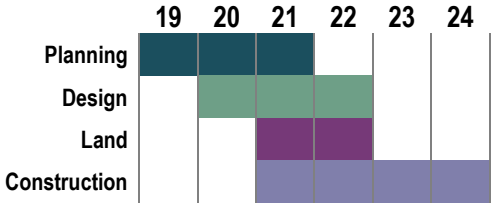
Background

FY 2019 funding provides for improvements to three pedestrian crossings on Route 7 at Bartholomew Fair Drive (Route 1792)/Campus Drive (Route 391), Potomac View Drive (Route 637), and Lakeland Drive (Route 821). FY 2021 through FY 2023 funding provides for sidewalk connectivity between the crossings on the north side of Route 7.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	250	-	250	-	-	-	500	-	500
Land	-	-	-	750	-	-	-	750	-	750
Construction	-	605	-	-	1,000	4,200	-	5,805	-	5,805
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	100	-	-	-	100	-	100
Total Cost	**-**	**855**	**-**	**1,100**	**1,000**	**4,200**	**-**	**7,155**	**-**	**7,155**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	100	1,000	-	-	1,100	-	1,100
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	1,000	-	4,200	-	5,200	-	5,200
Lease Revenue Financing	-	855	-	-	-	-	-	855	-	855
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**855**	**-**	**1,100**	**1,000**	**4,200**	**-**	**7,155**	**-**	**7,155**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	100	98	305	503
Total Impact	**-**	**-**	**-**	**100**	**98**	**305**	**503**

Sterling Boulevard/ W&OD Trail Overpass

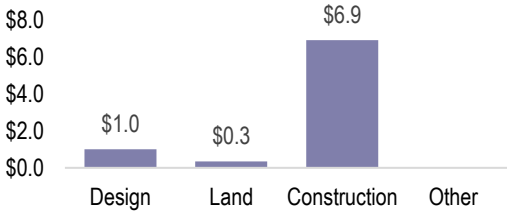
Details

Project Number: TBD
Election District: Sterling
Length: 1,950 feet
Estimated Completion Year: FY 2025
Referendum: November 2020

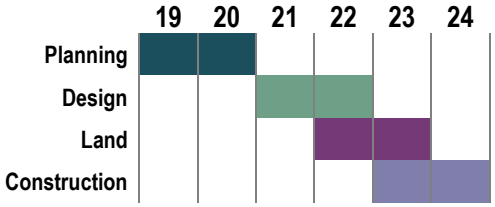
Background

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	500	500	-	-	-	1,000	-	1,000
Land	-	-	-	345	-	-	-	345	-	345
Construction	-	-	-	6,900	-	-	-	6,900	-	6,900
Furniture, Fixtures & Equi	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**500**	**7,745**	**-**	**-**	**-**	**8,245**	**-**	**8,245**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	500	7,745	-	-	-	8,245	-	8,245
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**500**	**7,745**	**-**	**-**	**-**	**8,245**	**-**	**8,245**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	50	131	516	810	1,507
Total Impact	**-**	**-**	**50**	**131**	**516**	**810**	**1,507**

Sidewalk and Trail Program

Details

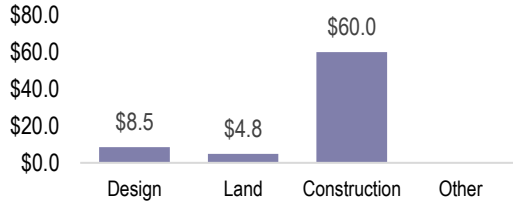
Project Number: C02236
Election District: Countywide
Length: 3 miles per year (average)
Project Type: New sidewalk and trail construction
Estimated Completion Year: Ongoing
Referendum: November 2020

Background

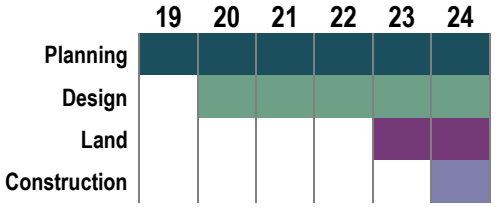
This project provides for planning, design, right-of-way acquisition, and construction of improvements to three miles of sidewalks and trails per year. Construction and improvements will vary depending on the project. The Poland Road – Shared Use Path is one of the planned improvements under the sidewalk and trail program.

In FY 2019, funding was provided for initial scoping and prioritization.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	185	-	-	1,110	1,155	1,200	3,650	4,800	8,450
Land	-	-	-	-	-	770	800	1,570	3,200	4,770
Construction	-	-	-	-	-	-	9,085	9,085	50,865	59,950
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**185**	**-**	**-**	**1,110**	**1,925**	**11,085**	**14,305**	**58,865**	**73,170**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	185	-	-	-	-	-	185	-	185
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	1,110	1,925	10,020	13,055	56,450	69,505
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	1,065	1,065	2,415	3,480
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**185**	**-**	**-**	**1,110**	**1,925**	**11,085**	**14,305**	**58,865**	**73,170**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	-	111	299	410

W&OD At-Grade Crossing Improvements

Details

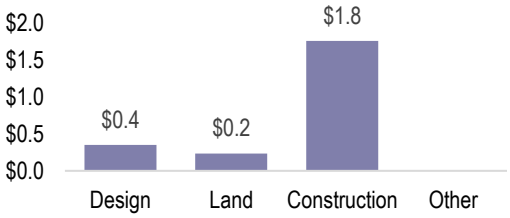
Project Number: TBD
Election District: Countywide
Length: Varies
Project Type: Shared use path improvements
Estimated Completion Year: FY 2025
Referendum: n/a

Background:

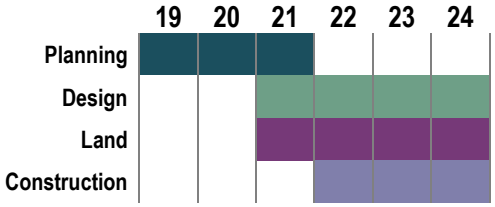
This project provides funding for various improvements at several Washington and Old Dominion (W&OD) trail crossings. Improvements may include the realignment of trail crossings, the construction of median refuge, the installation of flashing warning signs, tree trimming and clearing, and the restriction of parking.

Other W&OD trail crossing improvements are also being implemented as part of the Route 7 and 287 Interchange Improvement and the Sterling Boulevard/W&OD Pedestrian Overpass projects in the CIP.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	83	86	89	93	351	-	351
Land	-	-	-	55	58	60	62	234	-	234
Construction	-	-	-	413	431	446	465	1,755	-	1,755
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**550**	**575**	**595**	**620**	**2,340**	**-**	**2,340**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	550	575	595	620	2,340	-	2,340
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**550**	**575**	**595**	**620**	**2,340**	**-**	**2,340**

Capital Improvement Program
Town Transportation

Capital Improvement Program by Functional Area
Schedule of Appropriations
Towns

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Town of Hillsboro - Traffic Calming and Pedestria	4,800	14,612	-	-	-	-	-	14,612	-	19,412
Town of Leesburg NVTA Local Distribution	9,728	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
Town of Lovettsville - Broadway Streetscapes F	150	180	-	-	150	671	-	1,001	-	1,151
Town of Purcellville - NVTA Local Distribution	2,050	459	473	480	494	513	525	2,944	2,100	7,094
Town of Leesburg - Tuscarora Creek Trail	-	1,800	-	-	-	-	-	1,800	-	1,800
Town of Leesburg - Evergreen Mill Rd. Widening	-	4,200	-	1,800	-	-	-	6,000	3,299	9,299
Town of Purcellville - Pedestrian Linkages	-	210	-	-	-	-	-	210	-	210
Town of Purcellville - Bush Tabernacle Floors ar	-	-	-	-	-	-	-	-	-	-
Town of Purcellville - Shared-Use Path	-	-	-	-	-	-	-	-	650	650
Town of Purcellville - Berlin Turnpike Traffic Sigr	-	-	-	-	-	-	-	-	700	700
Town of Hamilton - Sidewalk Repair	-	-	9	-	-	-	-	9	-	9
Town of Lovettsville - Pedestrian Improvements	-	-	103	62	60	178	273	676	-	676
Total Cost	**16,728**	**23,573**	**2,759**	**4,548**	**2,987**	**3,721**	**3,215**	**40,803**	**16,665**	**74,196**
Funding Source										
Local Tax Funding	-	-	9	-	-	-	-	9	-	9
Local Tax Funding - Roads	1,439	-	-	-	-	-	-	-	-	1,439
Fund Balance	-	2,500	-	-	-	-	-	2,500	-	2,500
NVTA 70%	-	12,112	-	-	-	-	-	12,112	-	12,112
NVTA 30%	15,289	8,961	2,750	4,548	2,987	3,721	3,215	26,182	16,665	58,136
Total Financing	**16,728**	**23,573**	**2,759**	**4,548**	**2,987**	**3,721**	**3,215**	**40,803**	**16,665**	**74,196**

Town of Hamilton – Sidewalk Repair

Details:

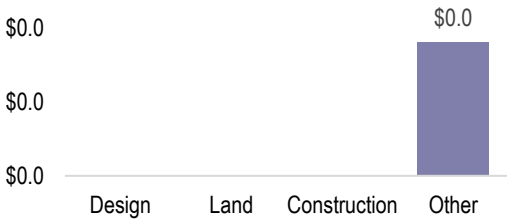
Project Number: TBD
Election District: Catoctin
Length: TBD
Estimated Completion Year: TBD
Referendum: n/a

Background:

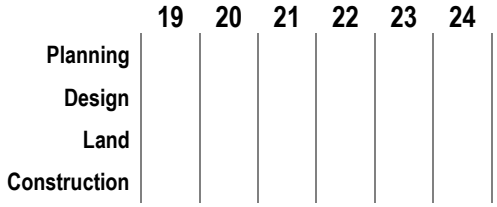
Each year the County solicits capital project funding requests from towns within the County for facilities: 1. Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Hamilton.

Sidewalk Repair
This project provides for improvements to the sidewalk and pedestrian bridge along N. Laycock Street in Hamilton.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	09	-	-	-	-	09	-	09
Total Cost	**-**	**-**	**09**	**-**	**-**	**-**	**-**	**09**	**-**	**09**
Local Tax Funding	-	-	09	-	-	-	-	09	-	09
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**09**	**-**	**-**	**-**	**-**	**09**	**-**	**09**

Town of Hillsboro – Traffic Calming and Pedestrian Safety

Details

Project Number: C02148
Election District: Blue Ridge
Length: n/a
Estimated Completion Year: TBD
Referendum: n/a

Background

Each year, the County solicits capital project funding requests from towns within the County for facilities: 1. Owned by, or located within a town but operated by the County; or 2. For local pedestrian/transportation related improvements that benefit the County. This project provides funding for the following project in the Town of Hillsboro:

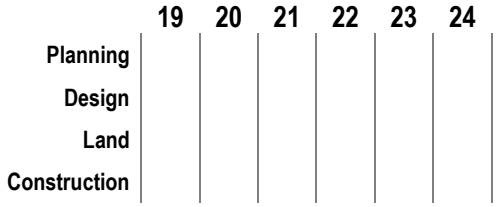
Route 9 Traffic Calming and Pedestrian Safety Project
The FY 2018 CIP provided $4,800,000 to the Town of Hillsboro to construct the middle portion of traffic calming and pedestrian safety improvements along Route 9 in Hillsboro. For the FY 2019 CIP, the Town of Hillsboro received $12,112,000 to complete the project. This funding will be paired with other resources provided by the Town to improve the Route 9 corridor through Hillsboro. With the requested funding, utilities undergrounding and installation of storm water facilities can be done simultaneously with the drinking water and wastewater pipe installation beneath Route 9 and the installation of surface traffic calming measures, sidewalks, and safe on-street parking.

In FY 2019, An additional $2,500,000 was appropriated through prior year FY 2018 fund balance.

All proposed uses of the Northern Virginia Transportation Authority (NVTA) 30 percent local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equi	-	-	-	-	-	-	-	-	-	-
Other	4,800	14,612	-	-	-	-	-	14,612	-	19,412
Total Cost	**4,800**	**14,612**	**-**	**-**	**-**	**-**	**-**	**14,612**	**-**	**19,412**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	1,439	-	-	-	-	-	-	-	-	1,439
Fund Balance	-	2,500	-	-	-	-	-	2,500	-	2,500
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	12,112	-	-	-	-	-	12,112	-	12,112
NVTA 30%	3,361	-	-	-	-	-	-	-	-	3,361
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**4,800**	**14,612**	**-**	**-**	**-**	**-**	**-**	**14,612**	**-**	**19,412**

Town of Leesburg – Evergreen Mill Road Widening

Details

Project Number: C02197
Election District: Leesburg
Length: 1.3 miles
Estimated Completion Year: FY 2021
Referendum: n/a

Background

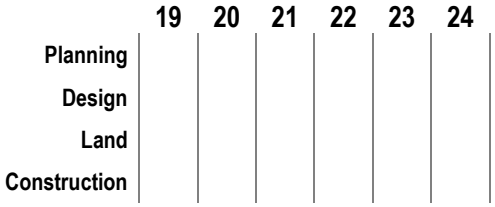
Each year, the County solicits capital project funding requests from towns within the County for facilities: 1. Owned by, or located within, the town but operated by the County; or 2. For local pedestrian or transportation related improvements that benefit the County. This project provides funding in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

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

All proposed uses of the Northern Virginia Transportation Authority (NVTA) 30 percent local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	4,200	-	1,800	-	-	-	6,000	3,299	9,299
Total Cost	**-**	**4,200**	**-**	**1,800**	**-**	**-**	**-**	**6,000**	**3,299**	**9,299**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	4,200	-	1,800	-	-	-	6,000	3,299	9,299
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**4,200**	**-**	**1,800**	**-**	**-**	**-**	**6,000**	**3,299**	**9,299**

Town of Leesburg – Tuscarora Creek Trail

Details

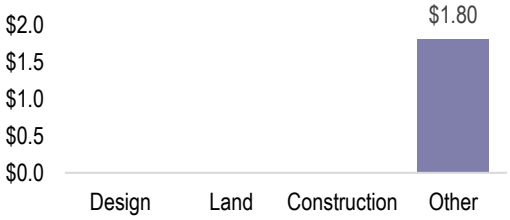
Project Number: C02198
Election District: Leesburg
Length: 1,600 feet
Estimated Completion Year: TBD
Referendum: n/a

Background

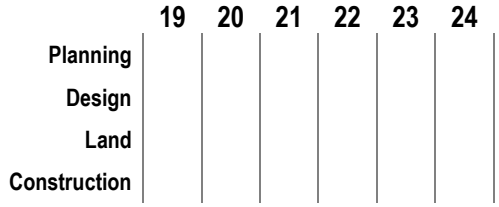
Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Leesburg.

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Eq	-	-	-	-	-	-	-	-	-	-
Other	-	1,800	-	-	-	-	-	1,800	-	1,800
Total Cost	**-**	**1,800**	**-**	**-**	**-**	**-**	**-**	**1,800**	**-**	**1,800**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Ro	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bond	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financi	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	1,800	-	-	-	-	-	1,800	-	1,800
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,800**	**-**	**-**	**-**	**-**	**-**	**1,800**	**-**	**1,800**

Town of Leesburg NVTA Local Funding (30 Percent)

Details

Project Number: C02016
Election District: Leesburg, Catoctin
Length: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

Background

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

The Town must use its portion of the NVTA 30 percent 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 percent local funds for the following projects from FY 2019 to FY 2024:

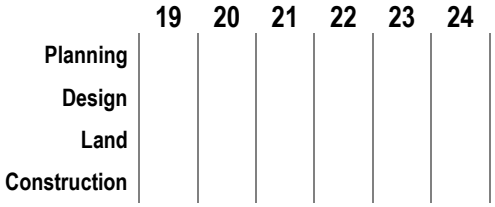
- Edwards Ferry Rd NE Sidewalk Improvements
- Edwards Ferry Rd Sidewalk, Bus Shelters & Bus Route Signs
- Evergreen Mills Road Widening
- Morven Park Road Sidewalk
- Royal Street Improvements – Church St to Wirt St
- Sycolin Road Phase IV
- West Market Street – Ayr Street to Morven Oark Road Sidewalk Improvements

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

This project is funded using NVTA 30 percent local funds. The figures depicted represent the estimated portion of the County's 30 percent 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.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	9,728	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
Total Cost	**9,728**	**2,112**	**2,174**	**2,206**	**2,283**	**2,359**	**2,417**	**13,551**	**9,916**	**33,195**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	9,728	2,112	2,174	2,206	2,283	2,359	2,417	13,551	9,916	33,195
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**9,728**	**2,112**	**2,174**	**2,206**	**2,283**	**2,359**	**2,417**	**13,551**	**9,916**	**33,195**

Town of Lovettsville – Broadway Streetscapes Phase 2A

Details

Project Number: C02164
Election District: Catoctin
Length: 570 feet
Estimated Completion Year: TBD
Referendum: n/a

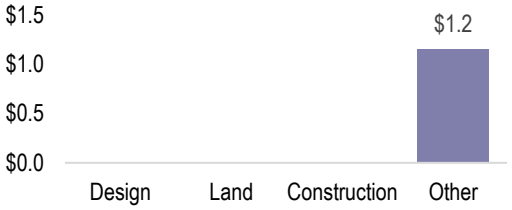
Background

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

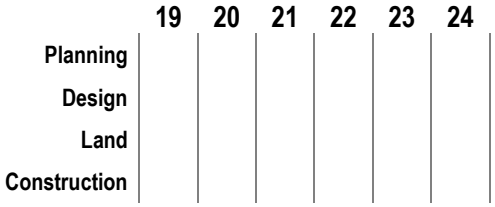
Lovettsville Sidewalk Improvements
The project provides for the ongoing design, right-of-way acquisition, and construction of sidewalk improvements along Broadway Street in the Town of Lovettsville from Park Place to Light Street. The proposed improvements help provide sidewalk and pedestrian access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

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	150	180	-	-	150	671	-	1,001	-	1,151
Total Cost	**150**	**180**	**-**	**-**	**150**	**671**	**-**	**1,001**	**-**	**1,151**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	150	180	-	-	150	671	-	1,001	-	1,151
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**150**	**180**	**-**	**-**	**150**	**671**	**-**	**1,001**	**-**	**1,151**

Town of Lovettsville – Church St. and Pennsylvania Ave. Sidewalk Improvements

Details

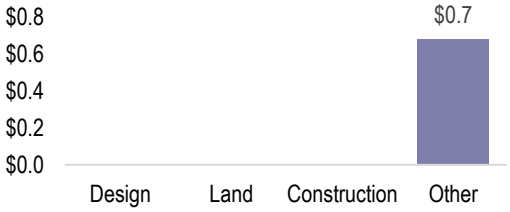
Project Number: TBD
Election District: Catoctin
Length: 500 feet
Estimated Completion Fiscal Year: TBD
Referendum: n/a

Background

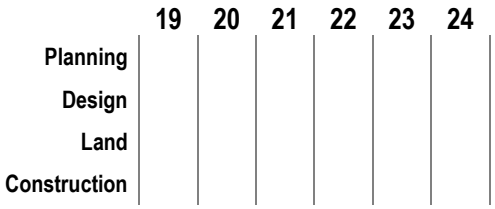
Each year the County solicits capital project funding requests from towns within the County for facilities: 1.Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Lovettsville.

Lovettsville Sidewalk Improvements
This project provides for improvements to the sidewalk at South Church Street and East Pennsylvania Avenue. In addition to sidewalks, improvements include roadway widening, storm management, and street lights.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equ	-	-	-	-	-	-	-	-	-	-
Other	-	-	103	62	60	178	273	676	-	676
Total Cost	**-**	**-**	**103**	**62**	**60**	**178**	**273**	**676**	**-**	**676**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	103	62	60	178	273	676	-	676
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**103**	**62**	**60**	**178**	**273**	**676**	**-**	**676**

Town of Purcellville – Berlin Turnpike Traffic Signal

Details

Project Number: TBD
Election District: Blue Ridge
Length: n/a
Estimated Completion Year: TBD
Referendum: n/a

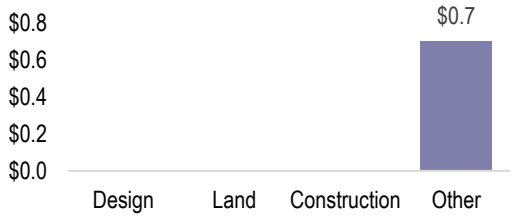
Background

Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Purcellville.

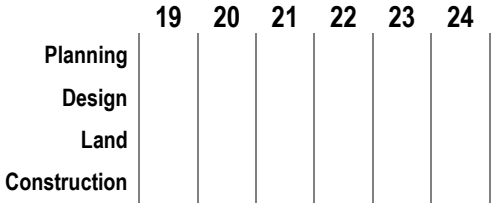
Berlin Turnpike – Traffic Signal
This project will provide for the design and construction of a traffic signal at the Berlin Turnpike, Eastgate Drive, and Patrick Henry Circle Intersection.

All proposed uses of the Northern Virginia Transportation Authority (NVTA) 30 percent local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	700	700
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**700**	**700**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Road	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	700	700
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**700**	**700**

Town of Purcellville – NVTA Local Distribution

Details

Project Number: C02164
Election District: Blue Ridge, Catoctin
Length: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

Background

This project reports funding transfers made to the Town of Purcellville from the County's share of the NVTA 30 percent 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, grantors, and hotel tax levies enacted by HB 2313 to fund NVTA regional transportation initiatives.

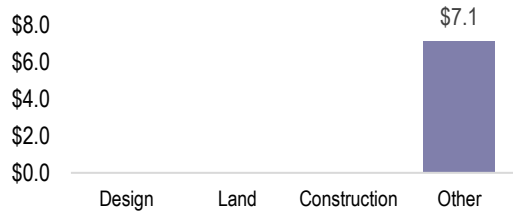
The Town must use its portion of the NVTA 30 percent local funds on eligible road and transportation projects; otherwise, the County may withhold the Town's share of local funds. The Town is using its portion of the 30 percent local funds for the following projects from FY 2019 to FY 2024:

- Main & Maple Intersection Improvements Phase II
- 32nd & A Street Intersection Improvements
- 12th Street Improvements
- 32nd & Main Intersection Improvements
- Hatcher Avenue Sidewalk Improvements

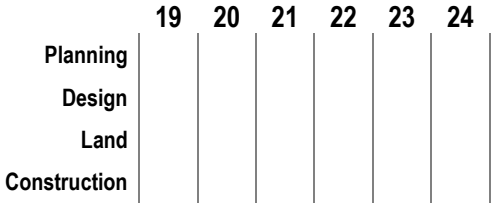
The project is the responsibility of the Town of Purcellville and the Virginia Department of Transportation (VDOT).

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

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	2,050	459	473	480	494	513	525	2,944	2,100	7,094
Total Cost	**2,050**	**459**	**473**	**480**	**494**	**513**	**525**	**2,944**	**2,100**	**7,094**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	2,050	459	473	480	494	513	525	2,944	2,100	7,094
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**2,050**	**459**	**473**	**480**	**494**	**513**	**525**	**2,944**	**2,100**	**7,094**

Town of Purcellville – Pedestrian Linkages

Details

Project Number: C02199
Election District: Blue Ridge, Catoctin
Length: 180 feet
Estimated Completion Year: TBD
Referendum: n/a

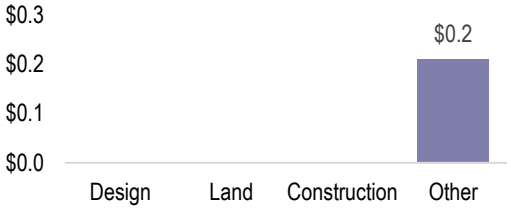
Background

Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Purcellville.

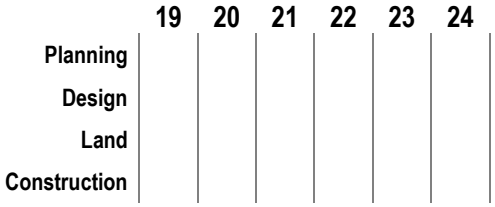
Pedestrian Linkages
In FY 2019, this project provides funding for the Pedestrian Linkages Project in the Town of Purcellville. This project will place a five-foot-wide walkway along south 32nd Street from West Main Street to the beginning of the Ball Property line.

All proposed uses of the Northern Virginia Transportation Authority (NVTA) 30 percent local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	210	-	-	-	-	-	210	-	210
Total Cost	**-**	**210**	**-**	**-**	**-**	**-**	**-**	**210**	**-**	**210**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	210	-	-	-	-	-	210	-	210
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**210**	**-**	**-**	**-**	**-**	**-**	**210**	**-**	**210**

Town of Purcellville – Hirst Road to W&OD Shared Use Path

Details

Project Number: TBD
Election District: Blue Ridge
Length: TBD
Estimated Completion Year: TBD
Referendum: n/a

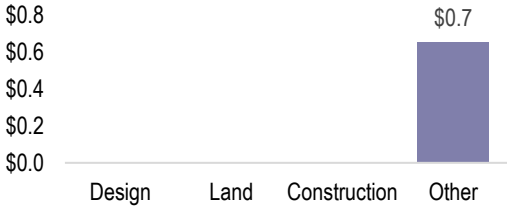
Background

Each year the County solicits capital project funding requests from towns within the County for facilities 1. Capital improvements to facilities owned by the County or located within a Town, but operated by the County/Schools; and/or, 2. Local pedestrian or transportation related improvements that benefit the County/Schools. This project provides funding for the following project in the Town of Purcellville.

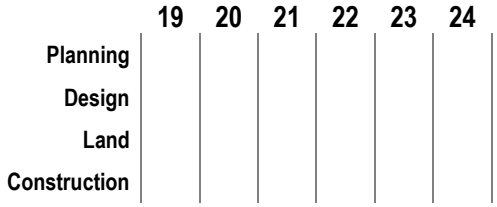
Hirst Road to W&OD Shared Use Path
This path will provide a shared-use path connection from the W&OD trail to Hirst Road in Purcellville expanding access between the trail and Town.

All proposed uses of the Northern Virginia Transportation Authority (NVTA) 30 percent local funding on County road projects are subject to allocation of the funds to the County by NVTA.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equi	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	650	650
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**650**	**650**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roac	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	650	650
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**650**	**650**

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Capital Improvement Program
Transit

Capital Improvement Program by Functional Area
Schedule of Appropriations
Transit

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Local Fixed-Route Bus Stop Improvements	-	1,500	2,500	-	-	-	-	4,000	-	4,000
Metro Capital Contribution	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Metro Station Area Pedestrian Improvements	-	-	275	-	-	-	-	275	-	275
Transit Buses - Acquisition	34,523	2,700	-	2,550	2,450	-	-	7,700	-	42,223
Western Loudoun Park and Ride Lot	4,376	-	-	700	1,300	1,633	-	3,633	-	8,009
Total Cost	**38,899**	**4,200**	**2,775**	**9,650**	**10,450**	**8,733**	**7,400**	**43,208**	**29,600**	**111,707**
Funding Source										
Local Tax Funding	555	-	275	-	-	-	-	275	-	830
Local Tax Funding - Roads	335	-	2,500	-	-	-	-	2,500	-	2,835
Fund Balance	-	1,500	-	-	-	-	-	1,500	-	1,500
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	6,859	-	-	-	-	-	-	-	-	6,859
Proffers (Cash)	5,160	500	-	-	-	-	-	500	-	5,660
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	1,860	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Smart Scale	-	2,200	-	3,250	3,750	1,633	-	10,833	-	10,833
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	1,244	-	-	-	-	-	-	-	-	1,244
CMAQ	3,821	-	-	-	-	-	-	-	-	3,821
State Capital Assistance	19,065	-	-	-	-	-	-	-	-	19,065
Total Financing	**38,899**	**4,200**	**2,775**	**9,650**	**10,450**	**8,733**	**7,400**	**43,208**	**29,600**	**111,707**

Local Fixed-Route Bus Stop Improvements

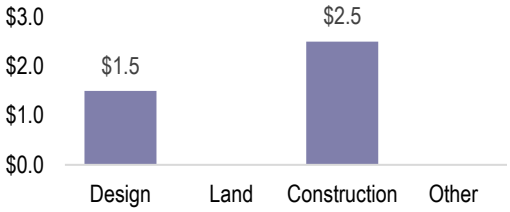
Details

Project Number: C02237
Election District: Countywide
Location: Countywide
Estimated Completion Year: TBD
Referendum: n/a

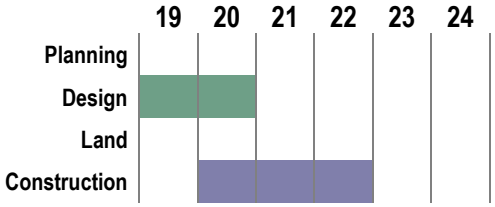
Background

Pursuant to the Americans with Disabilities Act (ADA), the County makes every effort to ensure that its facilities, programs, services and activities are accessible to those with disabilities. This project funds design and construction of bus stop improvements across the County to bring bus stops into ADA compliance. The project received $1,500,000 in fund balance in FY 2019 in order to begin preliminary design and further prioritization. Construction of improvements will begin in FY 2020.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	1,500	-	-	-	-	-	1,500	-	1,500
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	2,500	-	-	-	-	2,500	-	2,500
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,500**	**2,500**	**-**	**-**	**-**	**-**	**4,000**	**-**	**4,000**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	2,500	-	-	-	-	2,500	-	2,500
Fund Balance	-	1,500	-	-	-	-	-	1,500	-	1,500
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**1,500**	**2,500**	**-**	**-**	**-**	**-**	**4,000**	**-**	**4,000**

Metro Capital Contribution

Details

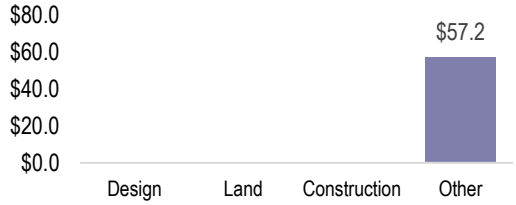
Project Number: TBD
Election District: Countywide
Location: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

Background

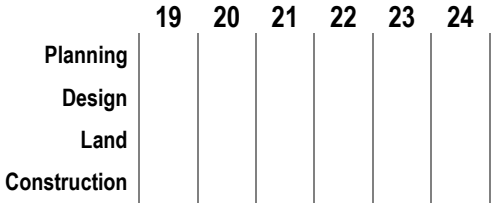
As part of bringing the Silver Line Phase 2 to Loudoun County, the County has agreed to enter into a Capital Funding Agreement (CFA) with Washington Metropolitan Area Transit Authority (WMATA). The CFA outlines the obligations between the County and WMATA, including the annual contribution for system performance funds, fund contractual obligations WMATA makes during the term of the CFA, and long-term debt service beyond the expiration of the agreement.

This project provides an annual capital contribution to WMATA beginning in FY 2021.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Total Cost	**-**	**-**	**-**	**6,400**	**6,700**	**7,100**	**7,400**	**27,600**	**29,600**	**57,200**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	6,400	6,700	7,100	7,400	27,600	29,600	57,200
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**6,400**	**6,700**	**7,100**	**7,400**	**27,600**	**29,600**	**57,200**

Metro Station Area Pedestrian Improvements

Details:

Project Number: C02159
Election District: Countywide
Estimated Completion Year: Ongoing
Referendum: n/a

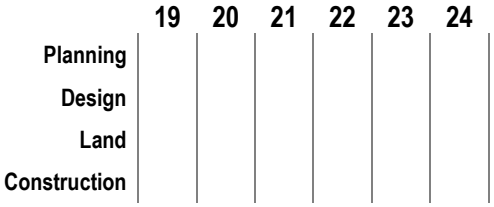
Background:

This project provides for sidewalks, shared-use trails, crosswalks, and intersection improvements to enhance pedestrian access to Silver Line Metro Stations in Loudoun County.

The County is appropriating $275,000 in FY 2020 to cover a funding match. This project is predominately funded using unappropriated Regional Surface Transportation Program (RSTP) and Congestion Mitigation and Air Quality (CMAQ) grant funds.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	6,160	-	275	-	5,400	9,760	9,774	25,209	-	31,369
Total Cost	**6,160**	**-**	**275**	**-**	**5,400**	**9,760**	**9,774**	**25,209**	**-**	**31,369**
Local Tax Funding	-	-	275	-	-	-	-	275	-	275
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	-	-	-	-	-	-	-
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	6,160	-	-	-	5,400	3,960	5,964	15,324	-	21,484
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	5,800	3,810	9,610	-	9,610
Total Financing	**6,160**	**-**	**275**	**-**	**5,400**	**9,760**	**9,774**	**25,209**	**-**	**31,369**

Transit Buses – Acquisition

Details

Project Number: C02161, C02219
Election District: Countywide
Location: n/a
Estimated Completion Year: Ongoing
Referendum: n/a

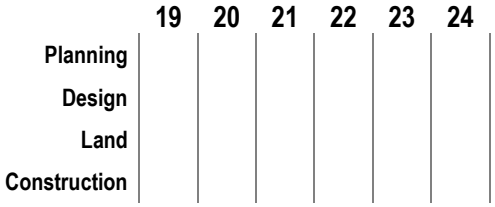
Background

This project procures buses in support of the County's transit service. The first bus acquisition schedule was approved by the Board of Supervisors in FY 2004, and 22 buses were initially purchased. With the arrival of the Silver Line, the County is transitioning to transit-style buses, as recommended by the County's Transit Development Plan, to provide connections to Metro stations.

Transit buses will transport passengers to the most convenient Metro Stations on the Silver Line, initially the Wiehle-Reston East Station. Bus service will further transition to feeder service to Ashburn and Loudoun Gateway Metro stations within Loudoun County when they open for service in FY 2021.

Phase Costs in Millions

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equi	-	-	-	-	-	-	-	-	-	-
Other	34,523	2,700	-	2,550	2,450	-	-	7,700	-	42,223
Total Cost	**34,523**	**2,700**	**-**	**2,550**	**2,450**	**-**	**-**	**7,700**	**-**	**42,223**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
Local Tax Funding - Roa	335	-	-	-	-	-	-	-	-	335
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financin	6,859	-	-	-	-	-	-	-	-	6,859
Proffers (Cash)	5,160	500	-	-	-	-	-	500	-	5,660
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	1,860	-	-	-	-	-	-	-	-	1,860
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	2,200	-	2,550	2,450	-	-	7,200	-	7,200
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	1,244	-	-	-	-	-	-	-	-	1,244
CMAQ	-	-	-	-	-	-	-	-	-	-
State Capital Assistance	19,065	-	-	-	-	-	-	-	-	19,065
RSTP	-	-	-	-	-	-	-	-	-	-
Total Financing	**34,523**	**2,700**	**-**	**2,550**	**2,450**	**-**	**-**	**7,700**	**-**	**42,223**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
O&M	-	-	258	-	274	282	813
Total Impact	**-**	**-**	**258**	**-**	**274**	**282**	**813**

Western Loudoun Park and Ride Lot

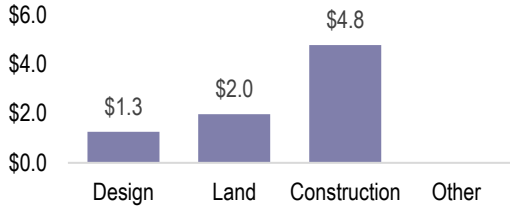
Details

Project Number: C02085
Election District: Blue Ridge
Location: A site adjacent to the proposed Fields Farm Park
Estimated Completion Year: FY 2026
Referendum: n/a

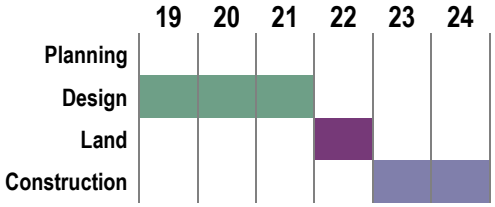
Background

This project provides for the design and construction of a minimum 250-space surface park and ride lot.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	555	-	-	700	-	-	-	700	-	1,255
Land	675	-	-	-	1,300	-	-	1,300	-	1,975
Construction	3,146	-	-	-	-	1,633	-	1,633	-	4,779
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**4,376**	**-**	**-**	**700**	**1,300**	**1,633**	**-**	**3,633**	**-**	**8,009**
Local Tax Funding	555	-	-	-	-	-	-	-	-	555
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70%	-	-	-	-	-	-	-	-	-	-
NVTA 30%	-	-	-	-	-	-	-	-	-	-
Smart Scale	-	-	-	700	1,300	1,633	-	3,633	-	3,633
Federal Grants	-	-	-	-	-	-	-	-	-	-
Gas Tax	-	-	-	-	-	-	-	-	-	-
CMAQ	3,821	-	-	-	-	-	-	-	-	3,821
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Total Financing	**4,376**	**-**	**-**	**700**	**1,300**	**1,633**	**-**	**3,633**	**-**	**8,009**

LOUDOUN COUNTY VIRGINIA
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Capital Improvement Program
Schools Capital Projects

Contents

Elementary Schools	12-4
Middle Schools	12-12
High Schools	12-16
Other School Facilities	12-24

School Capital Projects

Table of Contents

Elementary School Projects Summary **12-4**

ES-23 Dulles North Area..... 12-6
ES-24 Central Loudoun Area..... 12-7
ES-29 Dulles South Area..... 12-8
ES-32 Dulles South Area..... 12-9
ES-34 Dulles North Area..... 12-10
ES-36..... 12-11

Middle School Projects Summary **12-12**

MS-14, Dulles North..... 12-14
MS-19..... 12-15

High School Projects Summary **12-16**

CS Monroe Conversion - Douglas School Renovations..... 12-18
HS-9 Lightridge High School 12-19
HS-14, Dulles North..... 12-20
HS - Stadium Synthetic Turf & Track Resurfacing..... 12-21
Modular Classrooms Removal at Briar Woods High School 12-22

Other School Projects **12-24**

Broadband Infrastructure..... 12-26
Eastern Transportation Facility..... 12-27
Indoor Track Facility..... 12-28
Tolbert ES Road Connection..... 12-29
Joint Use Dry Bulk Storage Facility..... 12-30
School Bus Radio Replacements/LCPS 900 MHZ Upgrade..... 12-31
School Bus Replacement Fund..... 12-32
Student Welcome Center..... 12-33
Valley Service Center Traffic Signal..... 12-34
LCPS Facility Renewals and Alterations..... 12-35

Capital Improvement Program by Functional Area
Schedule of Appropriations
School Capital Projects Fund

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Elementary Schools	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Middle Schools	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
High Schools	122,302	14,765	61,364	-	-	-	375	76,504	181,855	380,661
Other School Projects	5,265	22,700	27,599	34,345	43,790	42,710	90,160	261,304	139,735	406,304
Total Cost	**127,567**	**47,675**	**167,223**	**42,805**	**124,100**	**42,710**	**97,375**	**521,888**	**684,040**	**1,333,495**
Funding Sources										
Local Tax Funding	12,565	10,750	14,475	20,435	14,000	10,000	10,375	80,035	10,000	102,600
Fund Balance	-	5,034	-	-	-	-	-	5,034	-	5,034
General Obligation Bonds	113,252	31,891	144,348	13,630	91,465	24,125	78,025	383,484	636,100	1,132,836
Lease Revenue Financing	-	-	8,400	8,740	18,635	8,585	8,975	53,335	37,940	91,275
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	**127,567**	**47,675**	**167,223**	**42,805**	**124,100**	**42,710**	**97,375**	**521,888**	**684,040**	**1,333,495**

LOUDOUN COUNTY VIRGINIA
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Capital Improvement Program
Elementary Schools

Capital Improvement Program by Functional Area
Schedule of Appropriations
Elementary Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
ES-23 Dulles North Area	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-24 Central Loudoun Area	-	-	-	-	-	-	-	-	64,690	64,690
ES-29 Dulles South Area	-	5,105	39,130	-	-	-	-	44,235	-	44,235
ES-32 Dulles South Area	-	-	-	-	-	-	-	-	64,690	64,690
ES-34 Dulles North Area	-	-	-	-	-	-	6,840	6,840	63,600	70,440
ES-36	-	-	-	-	-	-	-	-	64,690	64,690
Total Cost	**-**	**10,210**	**78,260**	**-**	**-**	**-**	**6,840**	**95,310**	**257,670**	**352,980**
Funding Sources										
General Obligation Bonds	-	10,210	78,260	-	-	-	6,840	95,310	257,670	352,980
Total Financing	**-**	**10,210**	**78,260**	**-**	**-**	**-**	**6,840**	**95,310**	**257,670**	**352,980**

(ES-23) Dulles North Area Elementary School

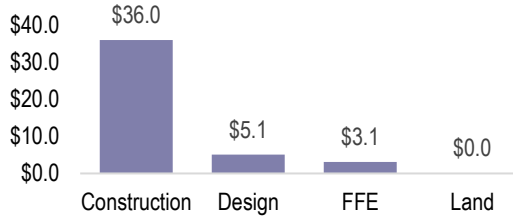
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: 106,323
Location: Arcola Center development off of Evergreen Mills Road
Estimated Completion Year: Fall 2021
Referendum: November 2018

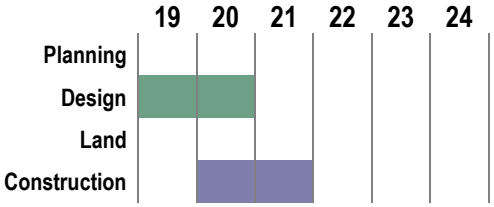
Background

The elementary school will be built using the prototypical two-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	5,105	-	-	-	-	-	5,105	-	5,105
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	36,030	-	-	-	-	36,030	-	36,030
Furniture, Fixtures & Equip	-	-	3,100	-	-	-	-	3,100	-	3,100
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**5,105**	**39,130**	**-**	**-**	**-**	**-**	**44,235**	**-**	**44,235**
General Obligation Bonds	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Total Financing	**-**	**5,105**	**39,130**	**-**	**-**	**-**	**-**	**44,235**	**-**	**44,235**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	1,500	2,993	3,798	3,701	11,992
Total Impact	**-**	**-**	**1,500**	**2,993**	**3,798**	**3,701**	**11,992**

(ES-24) Central Loudoun Area Elementary School

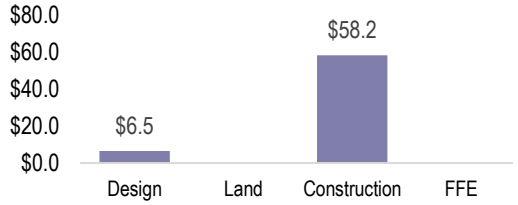
Details

Project Number: n/a
Election District: Catoctin
Square Feet: 106,323
Location: Tuscarora Crossing development off of Crosstrail Blvd.
Estimated Completion Year: Fall 2029
Referendum: November 2025

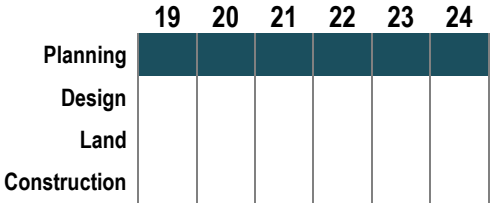
Background

The elementary school will be built using the prototypical two-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	6,470	6,470
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	58,220	58,220
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**
General Obligation Bonds	-	-	-	-	-	-	-	-	64,690	64,690
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**

(ES-29) Dulles South Area Elementary School

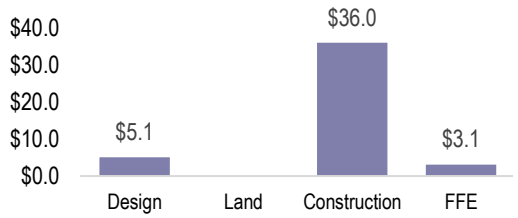
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: 106,323
Location: Co-located with Lightridge High School off of Lightridge Farm Road
Estimated Completion Year: Fall 2021
Referendum: November 2018

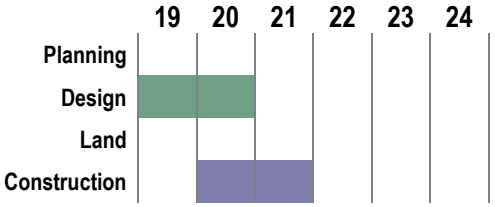
Background/Other word

The elementary school will be built using the prototypical two-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	5,105	-	-	-	-	-	5,105	-	5,105
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	36,030	-	-	-	-	36,030	-	36,030
Furniture, Fixtures & Equip	-	-	3,100	-	-	-	-	3,100	-	3,100
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**5,105**	**39,130**	**-**	**-**	**-**	**-**	**44,235**	**-**	**44,235**
General Obligation Bonds	-	5,105	39,130	-	-	-	-	44,235	-	44,235
Total Financing	**-**	**5,105**	**39,130**	**-**	**-**	**-**	**-**	**44,235**	**-**	**44,235**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	1,500	2,993	3,798	3,701	11,992
Total Impact	**-**	**-**	**1,500**	**2,993**	**3,798**	**3,701**	**11,992**

(ES-32) Dulles South Area Elementary School

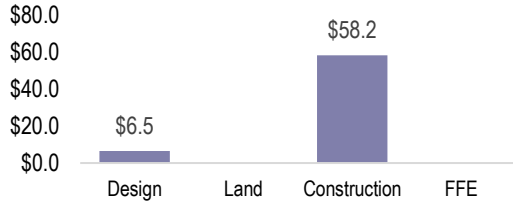
Details

Project Number: n/a
Election District: TBD
Square Feet: 106,323
Location: TBD – Dulles South Area
Estimated Completion Year: Fall 2028
Referendum: TBD

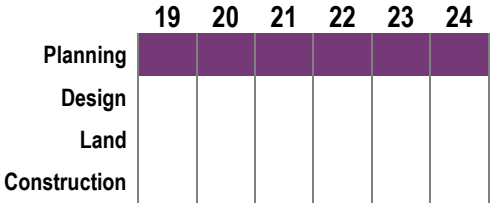
Background/Other word

The elementary school will be built using the prototypical two-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	6,470	6,470
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	58,220	58,220
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**
General Obligation Bonds	-	-	-	-	-	-	-	-	64,690	64,690
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**

(ES-34) Dulles North Area Elementary School

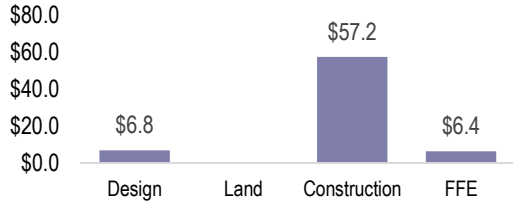
Details

Project Number: n/a
Election District: TBD
Square Feet: 106,323
Location: TBD – Dulles North Area
Estimated Completion Year: Fall 2026
Referendum: November 2022

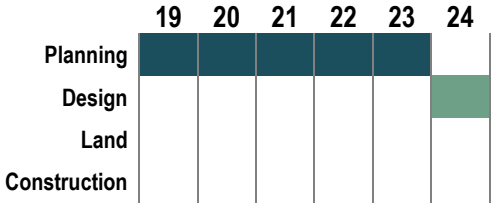
Background

The elementary school will be built using a new multi-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	6,840	6,840	-	6,840
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	57,240	57,240
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	6,360	6,360
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**6,840**	**6,840**	**63,600**	**70,440**
General Obligation Bonds	-	-	-	-	-	-	6,840	6,840	63,600	70,440
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**6,840**	**6,840**	**63,600**	**70,440**

(ES-36) Elementary School

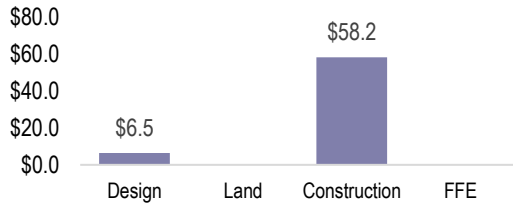
Details

Project Number: n/a
Election District: TBD
Square Feet: 106,323
Location: TBD
Estimated Completion Year: Fall 2030
Referendum: TBD

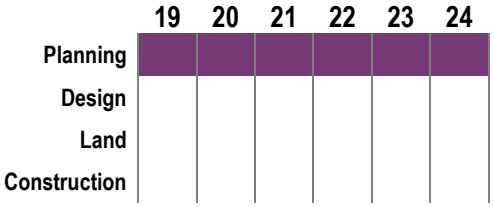
Background

The elementary school will be built using the prototypical two-story elementary school design. The building will serve students in kindergarten through grade five. With an anticipated program capacity of 960, the elementary school will include classrooms, a media center, cafeteria, multipurpose room, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	6,470	6,470
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	58,220	58,220
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**
General Obligation Bonds	-	-	-	-	-	-	-	-	64,690	64,690
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**64,690**	**64,690**

Capital Improvement Program
Middle Schools

Capital Improvement Program by Functional Area
Schedule of Appropriations
Middle Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
MS-14 Dulles North Area	-	-	-	8,460	80,310	-	-	88,770	-	88,770
MS-19	-	-	-	-	-	-	-	-	104,780	104,780
Total Cost	**-**	**-**	**-**	**8,460**	**80,310**	**-**	**-**	**88,770**	**104,780**	**193,550**
Funding Sources										
General Obligation Bonds	-	-	-	8,460	80,310	-	-	88,770	104,780	193,550
Total Financing	**-**	**-**	**-**	**8,460**	**80,310**	**-**	**-**	**88,770**	**104,780**	**193,550**

(MS-14) Dulles North Area Middle School

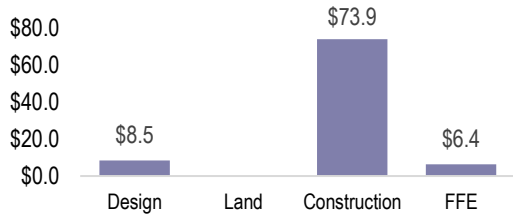
Details

Project Number: n/a
Election District: TBD
Square Feet: 184,593
Location: TBD – Dulles North Area
Estimated Completion Year: Fall 2024
Referendum: November 2019

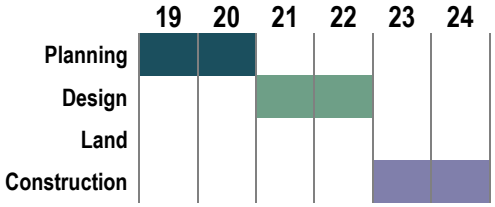
Background

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 unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	8,460	-	-	-	8,460	-	8,460
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	73,910	-	-	73,910	-	73,910
Furniture, Fixtures & Equip	-	-	-	-	6,400	-	-	6,400	-	6,400
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**8,460**	**80,310**	**-**	**-**	**88,770**	**-**	**88,770**
General Obligation Bonds	-	-	-	8,460	80,310	-	-	88,770	-	88,770
Total Financing	**-**	**-**	**-**	**8,460**	**80,310**	**-**	**-**	**88,770**	**-**	**88,770**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	550	4,277	7,689	12,515
Total Impact	**-**	**-**	**-**	**550**	**4,277**	**7,689**	**12,515**

(MS-19) Middle School

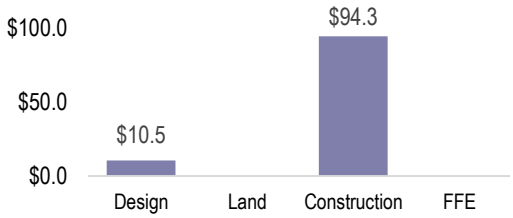
Details

Project Number: n/a
Election District: TBD
Square Feet: 184,593
Location: TBD
Estimated Opening Year: Fall 2029
Referendum: TBD

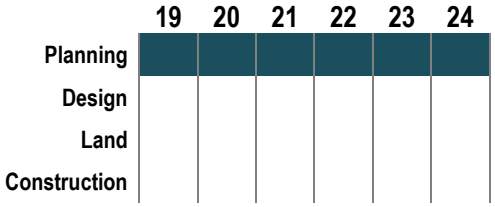
Background

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 use the 'house' concept for each grade and will include classrooms, a media center, cafeteria, auditorium, gymnasium, auxiliary gymnasium, and unlighted outdoor physical education fields.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	10,480	10,480
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	94,300	94,300
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**104,780**	**104,780**
General Obligation Bonds	-	-	-	-	-	-	-	-	104,780	104,780
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**104,780**	**104,780**

Capital Improvement Program
High Schools

Capital Improvement Program by Functional Area
Schedule of Appropriations
High Schools

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
CS Monroe Conversion	1,750	1,829	61,364	-	-	-	-	63,193	-	64,943
HS- 9 Lightridge High School	116,752	8,788	-	-	-	-	-	8,788	-	125,540
HS-14 Dulles North	-	-	-	-	-	-	-	-	181,855	181,855
HS - Stadium Synthetic Turf & Track Resurface (4)	3,800	4,148	-	-	-	-	-	4,148	-	7,948
Modular Classroom Removal (10) Briar Woods HS	-	-	-	-	-	-	375	375	-	375
Total Cost	**122,302**	**14,765**	**61,364**	**-**	**-**	**-**	**375**	**76,504**	**181,855**	**380,661**
Funding Sources										
Local Tax Funding	7,300	10,000	-	-	-	-	375	10,375	-	17,675
General Obligation Bonds	113,252	4,765	61,364	-	-	-	-	66,129	181,855	361,236
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	**122,302**	**14,765**	**61,364**	**-**	**-**	**-**	**375**	**76,504**	**181,855**	**380,661**

C.S. Monroe Technology Center and Douglass School Renovations

Details

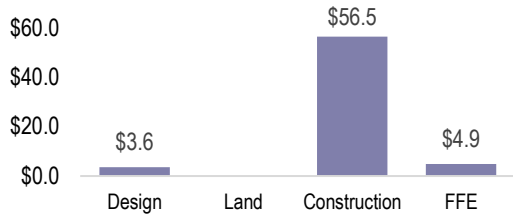
Project Number: n/a
Election District: Leesburg
Square Feet: TBD
Location: Off of Children's Center Road and off of Market Street in Leesburg
Estimated Opening Year: CS Monroe Center – 2021; Douglass School – 2022;
Referendum: November 2017

Background

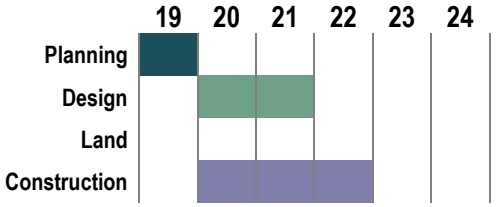
With the opening of the Academies of Loudoun, the existing C.S. Monroe Technology Center will be replaced to allow for the expansion and relocation of educational programs currently offered at the Douglass School, the Adult Education program, and the General Educational Development (GED) test preparation.

Renovation of the Douglass School building will provide space for the English Language Learners (ELL) center, Head Start, STEP (Starting Towards Excellence in Preschool), and Pupil Services programs currently housed at the LCPS Administration Building, Union Street, and Round Hill Support Facility.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	1,750	1,829	-	-	-	-	-	1,829	-	3,579
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	56,464	-	-	-	-	56,464	-	56,464
Furniture, Fixtures & Equip	-	-	4,900	-	-	-	-	4,900	-	4,900
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**1,750**	**1,829**	**61,364**	**-**	**-**	**-**	**-**	**63,193**	**-**	**64,943**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	1,829	61,364	-	-	-	-	63,193	-	63,193
Proffers (Cash)	1,750	-	-	-	-	-	-	-	-	1,750
Total Financing	**1,750**	**1,829**	**61,364**	**-**	**-**	**-**	**-**	**63,193**	**-**	**64,943**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	1,069	3,445	5,177	6,247	15,938
Total Impact	**-**	**-**	**1,069**	**3,445**	**5,177**	**6,247**	**15,938**

(HS-9) Lightridge High School

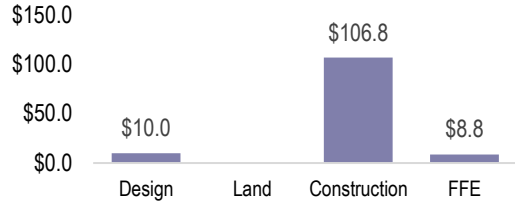
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: 305,254
Location: Co-located with ES-29 off of Lightridge Farm Road
Estimated Opening Year: Fall 2020
Referendum: November 2016

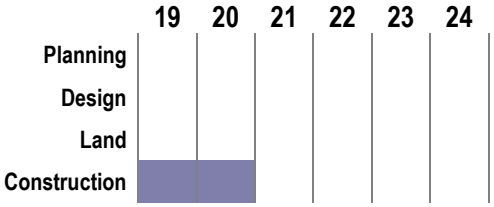
Background

The high school will be built using the prototypical two-story high school design. The school 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.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	10,000	-	-	-	-	-	-	-	-	10,000
Land	-	-	-	-	-	-	-	-	-	-
Construction	106,752	-	-	-	-	-	-	-	-	106,752
Furniture, Fixtures & Equip	-	8,788	-	-	-	-	-	8,788	-	8,788
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**116,752**	**8,788**	**-**	**-**	**-**	**-**	**-**	**8,788**	**-**	**125,540**
Local Tax Funding	3,500	8,788	-	-	-	-	-	8,788	-	12,288
General Obligation Bonds	113,252	-	-	-	-	-	-	-	-	113,252
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Total Financing	**116,752**	**8,788**	**-**	**-**	**-**	**-**	**-**	**8,788**	**-**	**125,540**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	5,000	5,847	5,698	5,554	22,099
Total Impact	**-**	**-**	**5,000**	**5,847**	**5,698**	**5,554**	**22,099**

(HS-14) Dulles North Area High School

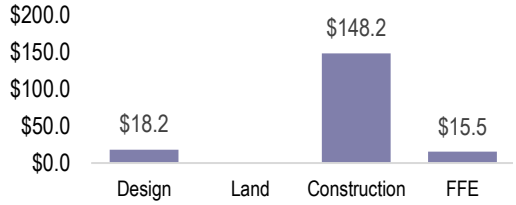
Details

Project Number: n/a
Election District: TBD
Square Feet: 305,254
Location: TBD – Dulles North Area
Estimated Opening Year: Fall 2028
Referendum: TBD

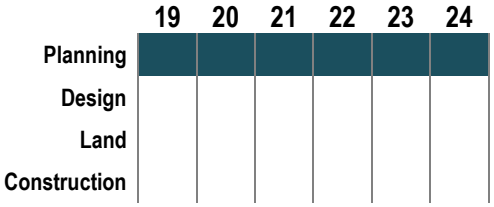
Background

The high school will be built using the prototypical two-story high school design. The estimated 305,254-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.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	18,185	18,185
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	148,210	148,210
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	15,460	15,460
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**181,855**	**181,855**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	181,855	181,855
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**181,855**	**181,855**

High School Stadium Synthetic Turf and Track Resurfacing

Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: See locations below
Estimated Opening Year: Phase 1 in fall 2017; Phase 2 in fall 2019
Referendum: November 2017

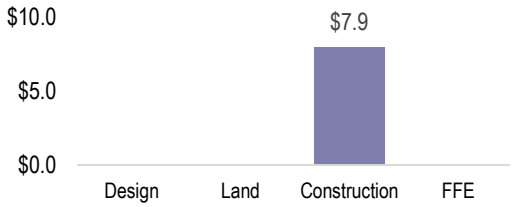
Background

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.

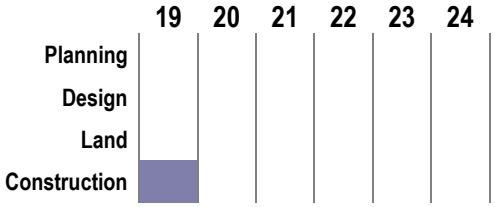
Phase I: Dominion High School and Heritage High School

Phase II: Briar Woods High School and Freedom High School

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	3,800	4,148	-	-	-	-	-	4,148	-	7,948
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**3,800**	**4,148**	**-**	**-**	**-**	**-**	**-**	**4,148**	**-**	**7,948**
Local Tax Funding	3,800	1,212	-	-	-	-	-	1,212	-	5,012
General Obligation Bonds	-	2,936	-	-	-	-	-	2,936	-	2,936
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Total Financing	**3,800**	**4,148**	**-**	**-**	**-**	**-**	**-**	**4,148**	**-**	**7,948**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	192	187	182	178	739
Total Impact	**-**	**-**	**192**	**187**	**182**	**178**	**739**

Modular Classroom Removal – Briar Woods High School

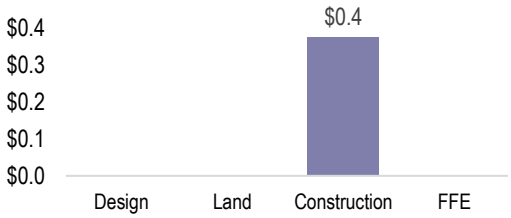
Details

Project Number: n/a
Election District: Blue Ridge
Square Feet: n/a
Location: Northstar Boulevard
Estimated Opening Year: Fall 2023
Referendum: n/a

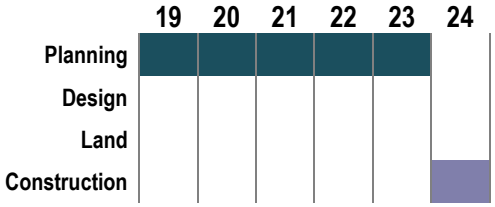
Background

Funding is proposed to remove the ten (10) modular classrooms from the Briar Woods High School site at the end of the 2022-2023 school year. The modular classrooms will not be available for relocation and will be replaced with a permanent ten-classroom addition, which will be complete by the fall of 2023.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	375	375	-	375
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**375**	**375**	**-**	**375**
Local Tax Funding	-	-	-	-	-	-	375	375	-	375
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**375**	**375**	**-**	**375**

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Capital Improvement Program
Other School Projects

Capital Improvement Program by Functional Area
Schedule of Appropriations
Other School Projects

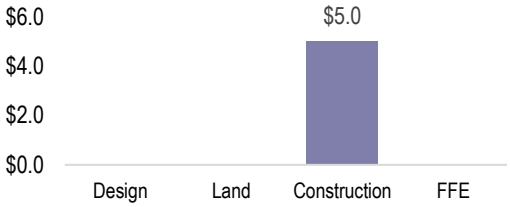
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Projects										
Broadband Infrastructure	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Eastern Transportation Facility	-	-	-	-	-	-	-	-	30,495	30,495
LCPS Facility Renewals and Alterations	-	14,000	18,324	19,170	21,155	34,125	80,530	187,304	43,725	231,029
Indoor Track Facility	-	-	-	-	-	-	-	-	27,575	27,575
Tolbert ES Road Connection	-	-	-	1,000	-	-	-	1,000	-	1,000
Joint Use Dry Bulk Storage Facility	-	-	-	4,560	-	-	-	4,560	-	4,560
School Bus Radio Replacements/LCPS 900 MHZ Upgrade	-	-	-	-	10,420	-	-	10,420	-	10,420
School Bus Replacement Fund	5,265	7,200	7,525	7,865	8,215	8,585	8,975	48,365	37,940	91,570
Student Welcome Center	-	-	-	-	4,000	-	-	4,000	-	4,000
Valley Service Center Traffic Signal	-	-	-	-	-	-	655	655	-	655
Total Cost	**5,265**	**22,700**	**27,599**	**34,345**	**43,790**	**42,710**	**90,160**	**261,304**	**139,735**	**406,304**
Funding Sources										
Local Tax Funding	5,265	750	14,475	20,435	14,000	10,000	10,000	69,660	10,000	84,925
Fund Balance	-	5,034	-	-	-	-	-	5,034	-	5,034
General Obligation Bonds	-	16,916	4,724	5,170	11,155	24,125	71,185	133,275	91,795	225,070
Lease Revenue Financing	-	-	8,400	8,740	18,635	8,585	8,975	53,335	37,940	91,275
Total Financing	**5,265**	**22,700**	**27,599**	**34,345**	**43,790**	**42,710**	**90,160**	**261,304**	**139,735**	**406,304**

Broadband Infrastructure

Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Opening Year: Ongoing
Referendum: n/a

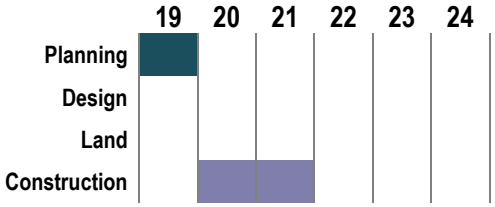
Phase Costs in Millions



Background

To meet the increasing demands for bandwidth, LCPS plans to upgrade its network infrastructure and improve services. To meet increasing demand for bandwidth, LCPS will engage a contractor to install a school division-owned fiber connectivity to all LCPS locations. The project will be more cost effective, as the new networks will be a one-time purchase for installation with minimal yearly recurring costs for maintenance. The project will help ensure LCPS has the capacity to scale as bandwidth demands grow. By owning critical fiber infrastructure between all LCPS locations, LCPS will be able to increase bandwidth as needed at a much lower operational cost.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	1,500	1,750	1,750	-	-	-	5,000	-	5,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**1,500**	**1,750**	**1,750**	**-**	**-**	**-**	**5,000**	**-**	**5,000**
Local Tax Funding	-	750	875	875	-	-	-	2,500	-	2,500
Fund Balance	-	750	-	-	-	-	-	750	-	750
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	875	875	-	-	-	1,750	-	1,750
Total Financing	**-**	**1,500**	**1,750**	**1,750**	**-**	**-**	**-**	**5,000**	**-**	**5,000**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	22	110	173	169	164	637
Total Impact	**-**	**22**	**110**	**173**	**169**	**164**	**637**

Eastern Transportation Facility

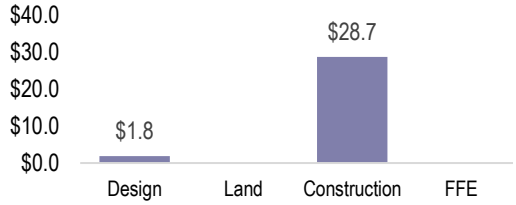
Details

Project Number: n/a
Election District: TBD
Square Feet: TBD
Location: TBD
Estimated Opening Year: TBD
Referendum: TBD

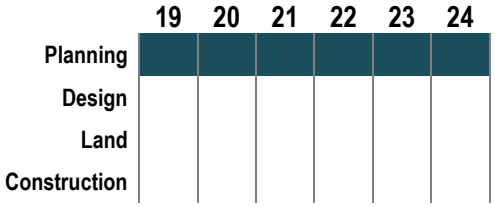
Background

This project provides funding for the design and construction of a transportation support facility, to be sited in the Eastern Loudoun planning area. The facility will provide an additional fueling location as well as vehicle maintenance and storage site for LCPS/County fleet vehicles. The facility in eastern Loudoun will reduce fleet mileage while creating operational efficiencies and saving money for vehicles serving eastern Loudoun County.

Phase Costs in Millions



Project Phase Timeline by FY



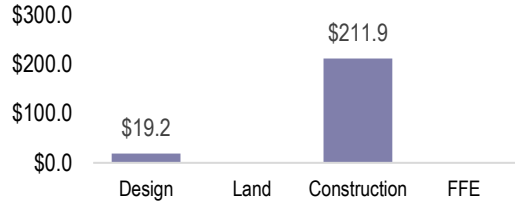
Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	1,830	1,830
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	28,665	28,665
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**30,495**	**30,495**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	30,495	30,495
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**30,495**	**30,495**

LCPS Facility Renewals and Alterations

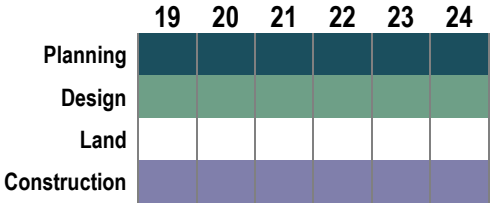
Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Opening Year: Ongoing
Referendum: Annually

Phase Costs in Millions



Project Phase Timeline by FY



Background

For capital maintenance expenditures, a percentage of the LCPS Current Replacement Value (CRV) may be appropriated each year to cover capital facility renewals and alterations. This funding is crucial to contain overall long-term facility costs for maintenance, system replacements, and facility renewals and alterations.

Replacements, repairs and updates may be undertaken to critical systems (including heat, air conditioning, ventilation, boiler and water systems in addition to pipes lighting fixtures, switchgear, fire sprinkler, fire alarm, emergency generator, and other related infrastructure), along with renewals and restorations (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, avoid the loss of academic time due to critical system failure, reduce deferred maintenance costs, and create optimum learning environments for students and staff.

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	1,305	6,285	2,965	10,555	8,605	19,160
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	14,000	18,324	19,170	19,850	27,840	77,565	176,749	35,120	211,869
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**14,000**	**18,324**	**19,170**	**21,155**	**34,125**	**80,530**	**187,304**	**43,725**	**231,029**
Local Tax Funding	-	-	13,600	14,000	10,000	10,000	10,000	57,600	10,000	67,600
General Obligation Bonds	-	14,000	4,724	5,170	11,155	24,125	70,530	129,704	33,725	163,429
Total Financing	**-**	**14,000**	**18,324**	**19,170**	**21,155**	**34,125**	**80,530**	**187,304**	**43,725**	**231,029**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	856	1,484	2,621	4,193	9,155
Total Impact	**-**	**-**	**856**	**1,484**	**2,621**	**4,193**	**9,155**

LCPS Facility Renewals and Alterations

Renewal and Alteration Projects:

Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Division Security Improvements	-	5,500	5,984	-	-	-	-	11,484	-	11,484
School Security Vestibules	-	8,500	5,850	-	-	-	-	14,350	-	14,350
ES Three-Classroom Additions	-	-	6,490	-	13,100	-	-	19,590	-	19,590
Arcola ES Connection to Northstar	-	-	-	1,115	-	-	-	1,115	-	1,115
Lovettsville ES Bus and Visitor Lot	-	-	-	705	-	-	-	705	-	705
Round Hill Center Renewal	-	-	-	-	-	1,320	13,815	15,135	-	15,135
Staff Training Center Renewal	-	-	-	-	1,305	13,655	-	14,960	-	14,960
Algonikan ES Renewal and/or Alterations	-	-	-	-	-	1,680	12,320	14,000	-	14,000
HS Baseball/Softball Pressboxes	-	-	-	-	-	3,330	-	3,330	-	3,330
Tennis Court Lighting	-	-	-	-	-	3,750	3,955	7,705	4,175	11,880
Weight Room Expansions	-	-	-	-	-	7,105	-	7,105	-	7,105
Valley Service Center & Culbert ES Parking	-	-	-	-	-	3,285	34,405	37,690	-	37,690
Cool Spring ES Renewal and/or Alterations	-	-	-	-	-	-	1,730	1,730	12,670	14,400
School Walking Tracks	-	-	-	-	-	-	935	935	965	1,900
Ashburn ES Renewal and/or Alterations	-	-	-	-	-	-	-	-	2,090	2,090
Farmwell Station MS Renewal and/or Alterations	-	-	-	-	-	-	-	-	4,680	4,680
Potowmack ES Renewal and/or Alterations	-	-	-	-	-	-	-	-	1,835	1,835
HS Classroom Additions (Briar Woods)	-	-	-	7,400	-	-	-	7,400	-	7,400
MS Classroom Additions (Farmwell, Eagle Ridge)	-	-	-	7,500	6,750	-	-	14,250	-	14,250
Bus Washing Station	-	-	-	890	-	-	-	890	-	890
ES Stage Access	-	-	-	1,560	-	-	-	1,560	-	1,560
Academies of Loudoun Supplemental Parking	-	-	-	-	-	-	300	300	2,760	3,060
Inclusive Playgrounds	-	-	-	-	-	-	-	-	1,450	1,450
HS Practice Fields Turf and Lights	-	-	-	-	-	-	13,070	13,070	13,100	26,170
Total Cost	**-**	**14,000**	**18,324**	**19,170**	**21,155**	**34,125**	**80,530**	**187,304**	**43,725**	**231,029**
Local Tax Funding	-	-	13,600	14,000	10,000	10,000	10,000	57,600	10,000	67,600
General Obligation Bonds	-	14,000	4,724	5,170	11,155	24,125	70,530	129,704	33,725	163,429
Total Financing	**-**	**14,000**	**18,324**	**19,170**	**21,155**	**34,125**	**80,530**	**187,304**	**43,725**	**231,029**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	856	1,484	2,621	4,193	9,155
Total Impact	**-**	**-**	**856**	**1,484**	**2,621**	**4,193**	**9,155**

Indoor Track Facility

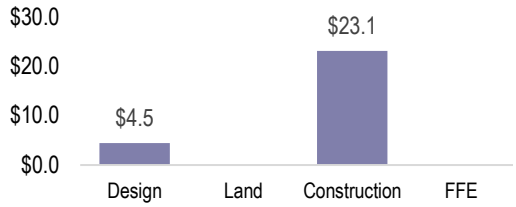
Details

Project Number: n/a
Election District: TBD
Square Feet: TBD
Location: TBD
Estimated Opening Year: TBD
Referendum: TBD

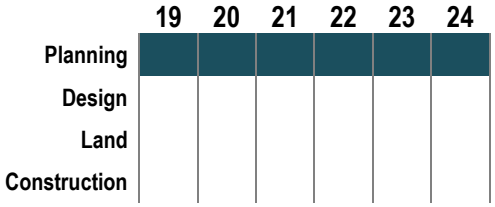
Background

This project provides funding to develop an indoor track facility for use by all high school track programs during the winter months and inclement weather, and potentially in partnership with the County or other athletic organizations in the County. The location of the facility is still being determined. The goal is to develop an indoor track facility, with associated athletic facilities, on land currently owned by LCPS or the County, potentially at a current high school to take advantage of existing parking infrastructure and co-location opportunities. The facility design could be a pre-engineered building or an inflatable bubble placed over top of an existing track or newly constructed track surface.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	4,480	4,480
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	23,095	23,095
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27,575**	**27,575**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	27,575	27,575
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**27,575**	**27,575**

John W. Tolbert, Jr. Elementary School Road Connection

Details

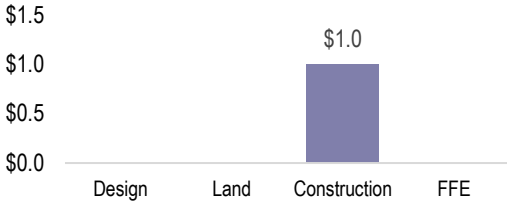
Project Number: n/a
Election District: Leesburg
Square Feet: n/a
Location: Town of Leesburg, adjacent to Harper Park Middle School
Estimated Opening Year: TBD
Referendum: n/a

Background

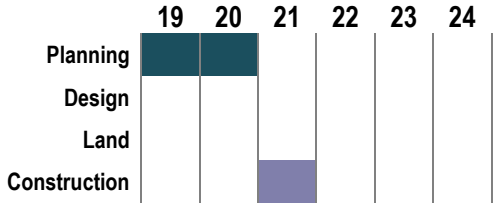
The Town of Leesburg and VDOT are designing a grade-separated interchange at the intersection of Route 7 and Battlefield Parkway. Once constructed, the access from Route 7 to the properties currently fronting on Route 7 will be eliminated and must be provided by a new road, Keystone Drive, which traverses the western boundary of John W. Tolbert, Jr. Elementary School.

Keystone Drive was a proffered improvement for the elementary school, requiring LCPS to design and construct the road. In lieu of developing the road, LCPS will provide a $1 million contribution to VDOT for the Battlefield Parkway interchange project, which includes that development of Keystone Drive that will fulfill the proffer requirement.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	1,000	-	-	-	1,000	-	1,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**1,000**	**-**	**-**	**-**	**1,000**	**-**	**1,000**
Local Tax Funding	-	-	-	1,000	-	-	-	1,000	-	1,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**1,000**	**-**	**-**	**-**	**1,000**	**-**	**1,000**

Joint Use Dry Bulk Storage Facility

Details

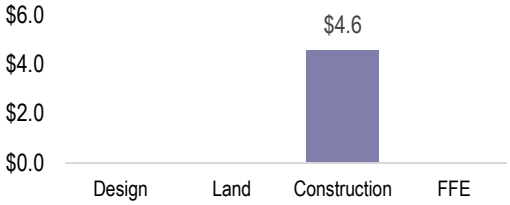
Project Number: n/a
Election District: TBD
Square Feet: TBD
Location: TBD
Estimated Opening Year: Fall 2022
Referendum: n/a

Background

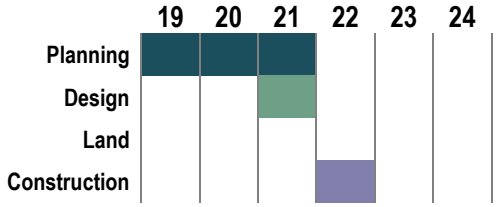
The dry bulk storage facility will be a joint-use facility between LCPS and Loudoun County's Department of General Services. The facility will include dry storage for 6,000 tons of winter road mix materials and sand/manufactured sand, to be used on LCPS and County-owned/operated facility parking lots and driveways, as needed, to improve traction during inclement weather.

The site will meet current environmental requirements for storm water management and containment; provide a covered, lighted, paved loading area for plow trucks with salt/sand spreaders and include a separate barn with a two-bay garage for on-site storage for heavy equipment used to load the trucks.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	4,560	-	-	-	4,560	-	4,560
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**4,560**	**-**	**-**	**-**	**4,560**	**-**	**4,560**
Local Tax Funding	-	-	-	4,560	-	-	-	4,560	-	4,560
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**4,560**	**-**	**-**	**-**	**4,560**	**-**	**4,560**

School Bus Radio Replacements & 900 MHZ System Upgrade

Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Opening Year: TBD
Referendum: n/a

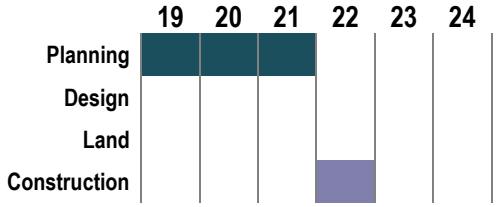
Phase Costs in Millions

Background

LCPS radio infrastructure comprises eight (8) separate radio sites that provide County-wide radio coverage for over 1,000 users. The radio system handles an average 60,000 radio transmissions a month for school buses alone and provides communications for support staff and alert radio transmissions for schools. Unfortunately, the system is aging. Many of the tower antenna systems are more than 10 years old and the last major system update was 7 years ago.

Project funding will update the radio system to the latest standards, provide a warranty, and establish a system that is serviceable by multiple vendors. County and LCPS staff are developing more refined scope, cost, and timing estimates for this project.

Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	10,420	-	-	10,420	-	10,420
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**10,420**	**-**	**-**	**10,420**	**-**	**10,420**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	10,420	-	-	10,420	-	10,420
Total Financing	**-**	**-**	**-**	**-**	**10,420**	**-**	**-**	**10,420**	**-**	**10,420**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	-	-	261	1,974	1,899	4,134
Total Impact	**-**	**-**	**-**	**261**	**1,974**	**1,899**	**4,134**

School Bus Replacement Fund

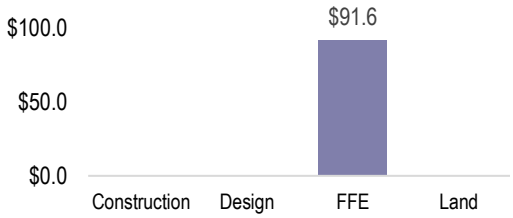
Details

Project Number: n/a
Election District: Countywide
Square Feet: n/a
Location: Countywide
Estimated Opening Year: Ongoing
Referendum: November 2017

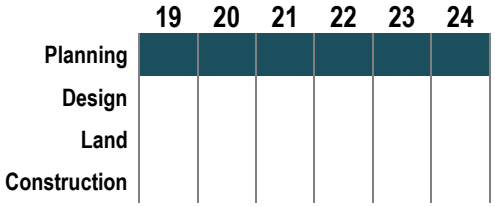
Background

This project provides funding for the replacement and acquisition of school buses on an annual basis.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Furniture, Fixtures & Equip	-	7,200	7,525	7,865	8,215	8,585	8,975	48,365	9,195	57,560
Other	5,265	-	-	-	-	-	-	-	28,745	34,010
Total Cost	**5,265**	**7,200**	**7,525**	**7,865**	**8,215**	**8,585**	**8,975**	**48,365**	**37,940**	**91,570**
Local Tax Funding	5,265	-	-	-	-	-	-	-	-	5,265
Fund Balance	-	4,284	-	-	-	-	-	4,284	-	4,284
General Obligation Bonds	-	2,916	-	-	-	-	-	2,916	-	2,916
Lease Revenue Financing	-	-	7,525	7,865	8,215	8,585	8,975	41,165	37,940	79,105
Total Financing	**5,265**	**7,200**	**7,525**	**7,865**	**8,215**	**8,585**	**8,975**	**48,365**	**37,940**	**91,570**

Operating Impact ($ in 1000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Debt Service	-	188	1,621	3,066	4,522	5,986	15,383
Total Impact	**-**	**188**	**1,621**	**3,066**	**4,522**	**5,986**	**15,383**

Student Welcome Center

Details

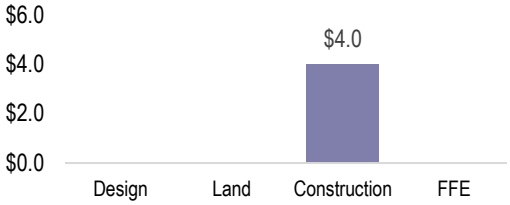
Project Number: n/a
Election District: TBD
Square Feet: TBD
Location: TBD – Eastern Loudoun Area
Estimated Opening Year: Fall 2023
Referendum: n/a

Background

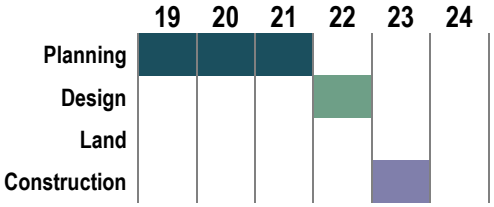
The establishment of a Student Welcome Center in eastern Loudoun will provide for a more efficient and effective delivery of services to Loudoun's limited English proficient public school students.

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.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	4,000	-	-	4,000	-	4,000
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**4,000**	**-**	**-**	**4,000**	**-**	**4,000**
Local Tax Funding	-	-	-	-	4,000	-	-	4,000	-	4,000
General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**4,000**	**-**	**-**	**4,000**	**-**	**4,000**

Valley Service Center Traffic Signal

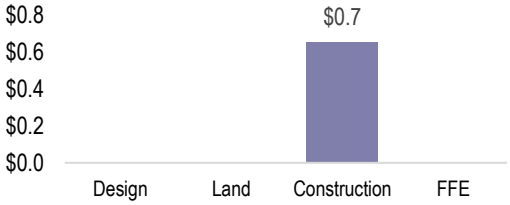
Details

Project Number: n/a
Election District: Catoctin
Square Feet: n/a
Location: Colonial Highway, Route 7
Estimated Opening Year: Fall 2024
Referendum: November 2022

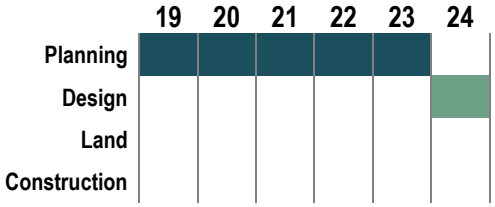
Background

As part of the approved proffers for the rezoning completed for the purchase of the Valley Service Center property, a traffic signal warrant study was completed in 2017 for the intersection of the Valley Service Center entrance, West Colonial Highway and the entrances to Harmony Intermediate School and Kenneth W. Culbert Elementary School. The study determined that a traffic signal is warranted at the intersection. The proffer provides that the signal will be installed when warranted, contingent on funding. The funding for the traffic signal is timed to coincide with the replacement of the Valley Service Center facility.

Phase Costs in Millions



Project Phase Timeline by FY



Capital ($ in 1000s)	Prior Alloc.	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6 Year Total	Future FYs	Project Total
Professional Services	-	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	655	655	-	655
Furniture, Fixtures & Equip	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Cost	**-**	**-**	**-**	**-**	**-**	**-**	**655**	**655**	**-**	**655**
Local Tax Funding	-	-	-	-	-	-	-	-	-	-
General Obligation Bonds	-	-	-	-	-	-	655	655	-	655
Lease Revenue Financing	-	-	-	-	-	-	-	-	-	-
Total Financing	**-**	**-**	**-**	**-**	**-**	**-**	**655**	**655**	**-**	**655**

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Debt Service Fund
FY 2020 Adopted Budget

Contents

Debt Service Fund 13-2

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

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 state 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, is the only type of debt secured by a pledge of the County's full faith and credit. A County's authorization to issue this type of debt is governed by the Constitution of the Commonwealth of Virginia and the Public Finance Act. Taxpayers must approve the issuance of general obligation bonds by public referendum, except in limited circumstances, such as bonds issued by the Virginia Public Schools Authority. The governing body of the County is authorized and required to meet debt service payments on its general obligation bonds by levying sufficient ad valorem taxes on all taxable property within the County. Funding for debt service payments on all other types of debt such as lease revenue bonds, lease purchase agreements, etc. is subject to annual appropriation by the County's governing body.

The following pages provide information about the County's debt, including actual and projected debt service payments in the Debt Service Fund, critical debt policies, the impact of the 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 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 2020 Adopted Debt Service Fund expenditures are shown in *Table 1* on the following page. 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 2020 on debt scheduled to be issued in FY 2020, 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, or are used on other eligible projects to reduce future debt issuances in accordance with rules and regulations governing municipal borrowing.

Table 1. Debt Service Fund Financial Summary

	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Expenditures					
Debt Service on County Projects	$46,772,557	$50,750,781	$56,567,329	$66,128,895	$71,269,028
Debt Service on School Projects	132,816,792	136,444,278	134,845,030	144,674,817	151,277,730
Transfers to Other Funds[1]	16,788,356	2,789,454	137,151	143,323	147,623
Costs of Issuance and Other Fees[2]	1,245,599	1,559,111	640,000	640,000	640,000
Total – Expenditures	**$197,623,304**	**$191,543,624**	**$192,189,510**	**$211,587,035**	**$223,334,381**
Revenues					
Use of Fund Balance	$0	$0	$20,000,000	$12,000,000	$10,000,000
Interest Earnings	1,517,657	2,795,179	225,000	225,000	225,000
Interest Rebate – Build America Bonds	1,087,791	1,290,657	630,000	630,000	630,000
Estimated Lease Revenue – Stadium Project[3]	0	0	0	621,233	1,196,233
Transfers from Other Funds[4]	4,602,641	5,095,617	8,378,265	9,623,212	10,372,329
Bond Issuance Premium and Refunding Proceeds[5]	20,559,059	9,986,785	0	0	0
Total – Revenues	**$27,767,148**	**$19,168,238**	**$29,233,265**	**$23,099,444**	**$22,423,562**
Local Tax Funding	**$169,856,156**	**$172,375,386**	**$162,956,245**	**$188,487,591**	**$200,910,819**

The distribution of debt service expenditures resulting from General Government and School capital project financings are shown below in *Table 2* and *Figure 1*. *Table 2* shows the actual debt service due on previously issued debt and projected debt service on anticipated issuances attributable to general government and schools for FY 2020-FY 2024. *Figure 1* presents this same information through 2048, when the last payment will be made on debt issued through FY 2024.

[1] Transfers from the Debt Service Fund are primarily to the Capital Projects Fund or to the General Fund.

[2] Cost of Issuance and Other Fees includes Underwriter's Discount fees that are deducted directly from bond proceeds. These fees are recorded after the bond issuance and therefore are not part of the adopted budget.

[3] Per the lease agreement with DC Soccer, the team will make rental payments to the County for the use of facilities at Bolen Park, which will pay the debt service on the bonds issued to construct the facilities.

[4] Transfers into the Debt Service Fund are primarily from the Capital Project Fund for debt service associated with Landfill construction, the General Fund for facility lease fees, and the Transportation District Fund for Metrorail tax revenue to cover debt service associated with the construction of the Metrorail project.

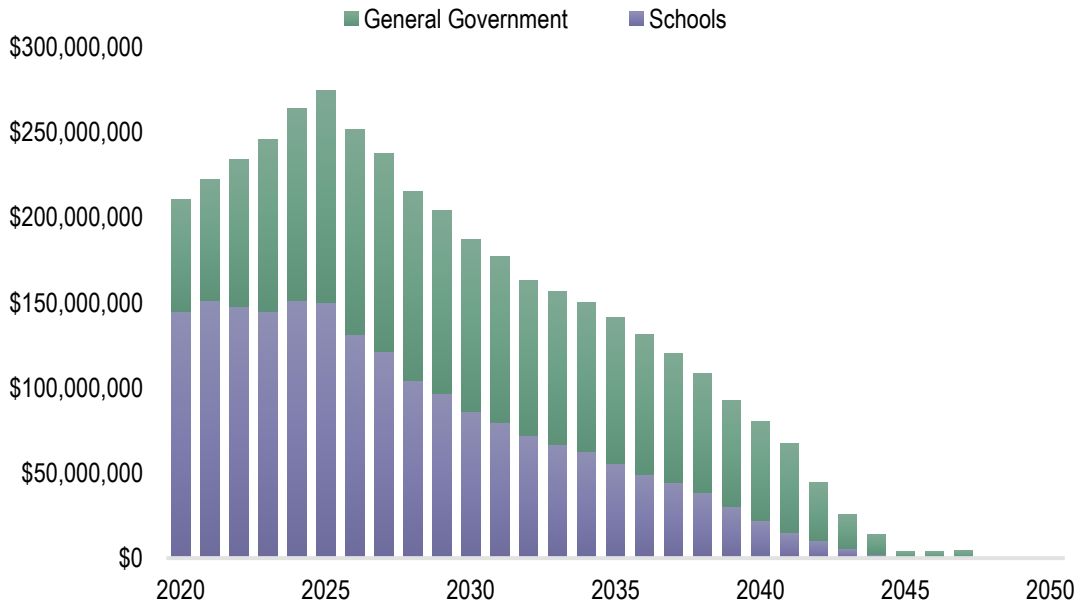
[5] Represents bond premium received from issuances in FY 2017 and FY 2018.

Debt Service Fund

Table 2. FY 2020-2024 Debt Service Expenditures

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Government					
Actual Debt Service Due	$59,748,839	$54,725,717	$53,420,341	$55,598,434	$52,752,767
Projected Debt Service	6,383,782	16,543,311	32,796,174	46,636,206	61,623,110
Subtotal	**$66,132,621**	**$71,269,028**	**$86,216,515**	**$102,234,640**	**$114,375,877**
Schools					
Actual Debt Service Due	$129,217,317	$117,384,255	$102,319,425	$85,343,527	$82,499,117
Projected Debt Service	15,452,500	33,893,475	45,681,098	59,599,694	68,965,894
Subtotal	**$144,669,817**	**$151,277,730**	**$148,000,523**	**$144,943,221**	**$151,465,011**
Total – Debt Service	**$210,802,438**	**$222,546,758**	**$234,217,038**	**$247,177,861**	**$265,840,888**

Figure 1: Total Debt Service Expenditure Forecast



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 percent of its assessed value of taxable real and personal property as well as several other debt ratio guidelines through its Fiscal Policy.[1] On the following pages, the County's debt ratios are explained along with a graphic illustrating how the debt programmed in the CIP complies with each policy target.

[1] The Fiscal Policy is provided in the Volume 1 of this document in the Executive Summary.

Loudoun County Debt Ratios
(Revised on January 6, 2016)

The County's debt capacity shall be maintained within the following primary goals:

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

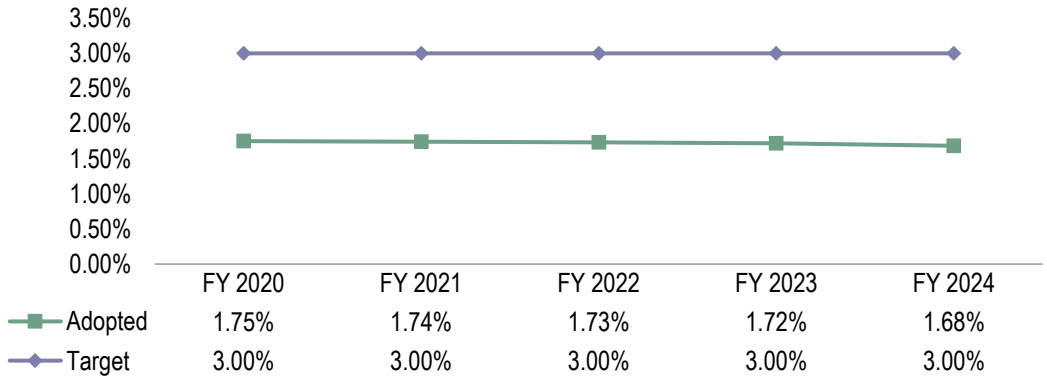
  This guideline represents the maximum amount of "new" debt that can be issued each year, excluding debt for the Dulles Metrorail project, Metrorail garages, the County Landfill, and major economic development projects. Establishing an annual debt issuance guideline allows the County to actively manage the annual growth of its debt burden.

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Debt Issuance Guideline	$225,000,000	$225,000,000	$225,000,000	$225,000,000	$225,000,000
Debt Issuance Projected	$224,535,598	$224,968,906	$224,063,045	$224,350,825	$224,152,500
Remaining Debt Capacity	$464,402	$31,094	$936,955	$649,175	$847,500

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

  This ratio means that the amount of outstanding debt cannot exceed 3.0 percent of the value of the County's taxable real and personal property. The assessed value of taxable property is an indication of the County's ability to generate revenue. This ratio ensures that the County's outstanding debt is not too high compared to the assessed value, which can lead to overburdening the tax base and reducing the County's flexibility to use revenues for operations, or to meet future capital needs. The bond rating agencies consider this ratio to be very important and often cite the County's adherence to this ratio in their ratings reports.

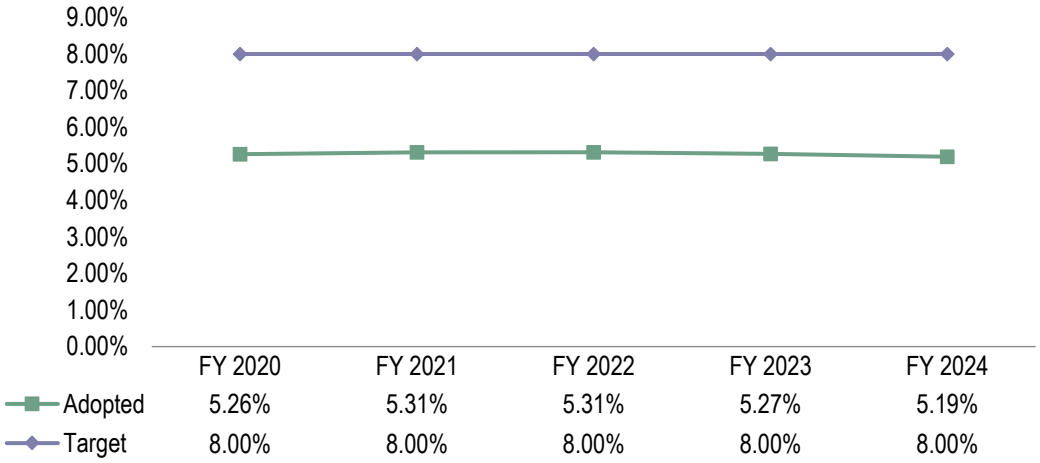
Figure 2: Debt to Estimated Property Value



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

  This ratio means the amount of outstanding debt per person, cannot exceed 8.0 percent of the estimated income for each person based on population and income projections. This indicator measures the community's ability to support existing and additional indebtedness.

Figure 3: Debt to Per Capita Income

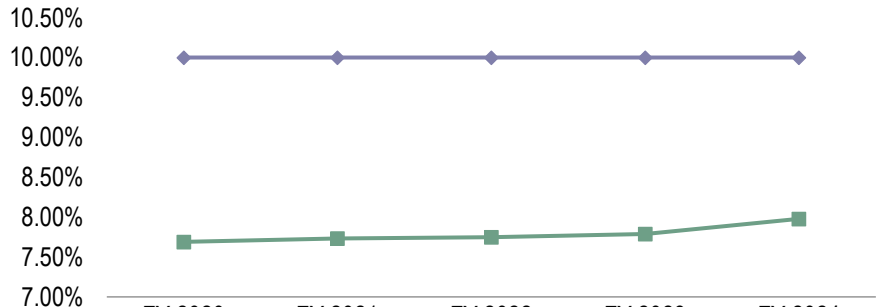


	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Adopted	5.26%	5.31%	5.31%	5.27%	5.19%
Target	8.00%	8.00%	8.00%	8.00%	8.00%

- *Debt service expenditures as a percentage of governmental fund expenditures should not exceed 10.0 percent.*

  This ratio means the amount of debt service (principal and interest payments) in each fiscal year, cannot exceed 10.0 percent 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 budgetary flexibility to maintain or increase service levels 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.

Figure 4: Debt Service to Expenditures

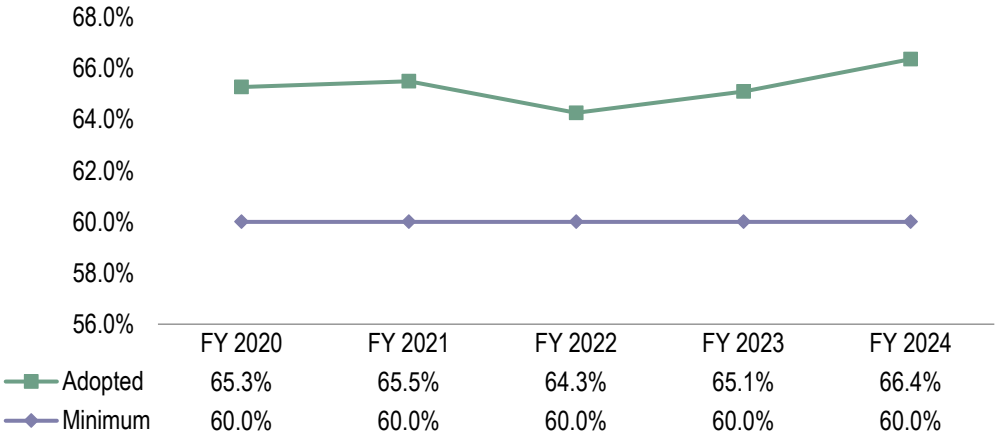


	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Adopted	7.69%	7.73%	7.75%	7.79%	7.98%
Target	10.00%	10.00%	10.00%	10.00%	10.00%

- *Ten year debt payout ratio should be above 60.0 percent.*

  This ratio means the amount of principal paid off in a ten year period should be more than 60.0 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.

Figure 5: Ten Year Debt Payout Ratio

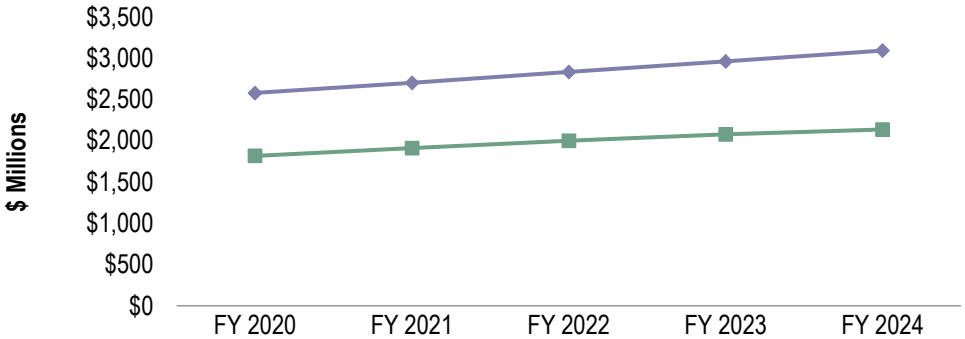


	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Adopted	65.3%	65.5%	64.3%	65.1%	66.4%
Minimum	60.0%	60.0%	60.0%	60.0%	60.0%

- *The affordability index, consisting of the weighted average of the net debt per capita (20 percent), net debt as a percentage of estimated market value of taxable property (45 percent), and debt to per capita income (35 percent).*

  This index demonstrates the maximum amount of debt the County can afford to have outstanding without overburdening the taxpayers. Market value and per capita income are components which illustrate wealth of the County and therefore demonstrates the ability to generate revenue, which is an important factor in being able to repay debt.

Figure 6: Affordability Index



	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Adopted	$1,815	$1,909	$1,999	$2,077	$2,135
Guideline	$2,578	$2,702	$2,831	$2,959	$3,090

The Capital Improvement Program and the Impact on Future Debt Ratios

The development of the six-year Capital Improvement Program (CIP) and the inclusion of new debt financed projects must be analyzed and evaluated against previously authorized debt financed projects and the existing required debt service payments for those projects to ensure the inclusion of the new projects complies with the County's fiscal and debt policies. The results are shown on the *Impact on Future Debt Ratios* table on the following page (Table 3).

Table 3 begins with the projected amount of tax supported debt, and then shows the impact of adding the debt-financed capital projects contained in the Amended FY 2019 – FY 2024 CIP to the existing debt for those projects appropriated and financed in prior years. In addition, the table depicts vital demographic and economic indicators for Loudoun County that are necessary in assessing the County's ability to retire old debt and issue new debt.

Beginning Net Tax Supported Debt and Ending Net Tax Supported Debt

The Beginning Net Tax Supported Debt is the amount of principal projected to be outstanding at the beginning of each fiscal year. The Ending Net Tax Supported Debt is the amount of principal projected to be outstanding at the end of each fiscal year. The New Debt Issued, represents the amount of all new debt scheduled to be issued for the projects contained in the CIP. Retired Old Debt is the actual amount of principal on existing debt scheduled to be paid during that fiscal year. Retired New Debt is the projected amount of principal to be paid on the new debt that is issued during the fiscal year. Note that principal on new debt issued in the first year will not be paid in that year but will commence the following year. The Ending Net Tax Supported Debt represents the outstanding existing debt, plus new debt issued, less the retired debt.

Debt Service

Debt service represents the amount of principal and interest that is expected to be paid during the year. This includes debt related to general obligation bonds and appropriation-backed debt such as lease revenue bonds, lease purchase agreements and loans.

Ratios

The ratios section of the table shows the results of how the debt included in the CIP, coupled with the County's existing debt comply with the Board's fiscal policy targets. Throughout the development of the CIP, these ratios are constantly monitored to see how changes to project funding and timing impact the ratios. For more information on how the CIP is developed and the factors affecting the development of the CIP, see the Capital Improvement Program Executive Summary included in Volume 2 of the budget document.

Annual Debt Issuance Guideline

The Board's fiscal policy has an annual debt issuance guideline of $225 million, excluding debt issued for Dulles Metrorail Project, Metrorail Garages, the County Landfill, and certain economic development projects. This section of the table shows the amount of debt projected to be issued each year and the remaining capacity under the guideline.

Affordability Index

This portion of the table shows the amount of outstanding debt projected 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 overlapping debt allowed is 0.75 percent 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 schedules. This calculation is not driven by the development of the CIP; however, since it is calculated based on the estimated property value, it is included in this table.

Debt Service Fund

Table 3: IMPACT ON FUTURE DEBT RATIOS Adopted FY 2020 - FY 2024					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Beginning Net Tax Supported Debt	$ 1,713,569,999	$1,814,933,732	$1,908,960,548	$1,998,784,207	$2,076,587,535
Plus:					
New Debt Issued	244,012,770	242,028,906	298,708,045	239,350,825	234,152,500
Less:					
Retired Debt (Old)	142,649,038	131,232,090	176,634,386	111,162,497	110,157,228
Retired Debt (New)	0	16,770,000	32,250,000	50,385,000	65,755,000
Ending Net Tax Supported Debt	$1,814,933,732	$1,908,960,548	$1,998,784,207	$2,076,587,535	$2,134,827,807
Debt Service (1)	$210,802,438	$222,546,758	$234,217,038	$247,177,861	$265,840,888
Population	423,953	433,065	440,865	448,030	454,473
Public School Enrollment	83,762	85,006	86,142	86,851	87,561
Estimated Property Value (in Millions)	$103,675	$109,547	$115,253	$120,929	$126,749
Per Capita Income	$81,400	$83,000	$85,400	$87,900	$90,500
Expenditures	$2,741,341,740	$2,878,408,827	$3,022,329,268	$3,173,445,732	$3,332,118,018
Ratios:					
Debt to Estimated Property Value	1.75%	1.74%	1.73%	1.72%	1.68%
(Fiscal Policy Target = <3%)					
Debt to Per Capita Income	5.26%	5.31%	5.31%	5.27%	5.19%
(Fiscal Policy Target = <8%)					
Debt Service to Expenditures	7.69%	7.73%	7.75%	7.79%	7.98%
(Fiscal Policy Target =<10%)					
Ten-Year Debt Payout Ratio	65.3%	65.5%	64.3%	65.1%	66.4%
(Fiscal Policy Target=>60%)					
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	$224,535,598	$224,968,906	$224,063,045	$224,350,825	$224,152,500
Remaining Debt Capacity	$464,402	$31,094	$936,955	$649,175	$847,500
Affordability Index: (2)					
Outstanding Debt Guideline	$2,577,862,678	$2,701,860,060	$2,830,544,388	$2,959,247,936	$3,089,982,582
Outstanding Debt Projected	$1,814,933,732	$1,908,960,548	$1,998,784,207	$2,076,587,535	$2,134,827,807
Overlapping Debt: (3)					
Overlapping Debt Guideline	$777,562,500	$821,602,500	$864,397,500	$906,967,500	$950,617,500
Overlapping Debt Projected	$120,917,722	$114,602,793	$108,179,529	$101,609,481	$94,864,591

1) Debt Includes general obligation bonds and appropriation-backed financing.

(2) Affordability Index is the weighted average of Debt Per Capita (20%) / Debt to Estimated Property Value (45%) / Debt to Per Capita Income (35%).

(3) Maximum Outstanding Overlapping Debt allowed per the Fiscal Policy is 0.75% of estimated property value.

Note: The $225 million annual debt issuance guideline includes projects in the CIP with the exception of the Dulles Corridor Metrorail Project, the three Loudoun County-based Metrorail garages, and the County Landfill.

Debt Issuance by Category

The Board of Supervisors places a major emphasis on transportation, 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 7: New Debt Issuance by Category

Adopted New Debt Financing For FY 2020- FY 2024 Amended Capital Improvement Program					
Fiscal Year	General Government FY 2020 - FY 2024	Transportation FY 2020 - FY 2024	Schools FY 2020 - FY 2024	Total County Adopted FY 2020 - FY 2024	Board Guideline
2020	$ 58,106,110	$ 24,215,000	$ 142,214,488	$ 224,535,598	$ 225,000,000
2021	98,461,440	40,760,000	85,747,466	224,968,906	$ 225,000,000
2022	66,887,625	50,821,000	106,354,420	224,063,045	$ 225,000,000
2023	66,802,325	84,112,000	73,436,500	224,350,825	$ 225,000,000
2024	73,755,500	88,787,000	61,610,000	224,152,500	$ 225,000,000
Total	**$ 364,013,000**	**$ 288,695,000**	**$ 469,362,874**	**$ 1,122,070,874**	**$ 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, if applicable. This schedule is a projected plan of issuance and is subject to change as various factors can impact the County's ability to adhere to the schedule, including project delays or advancements, structure of the debt issuance, and other rules and regulations governing municipal borrowing that may require a change in the planned issuance. The County works closely with Bond Counsel and financial advisors to achieve the most favorable results for the County from each issuance.

Debt Service Projections

The second set of tables show the projected debt service due for each project based on when the debt is planned to be issued. Included in the table is the total amount of principal and interest due for each project and a breakout of the amount that will be due in each year from FY 2020 through FY 2024. The final table summarizes the debt service projections by functional area for the County and the Schools.

Debt Service Fund

Schedule of Major Financings

FY 2019 - FY 2024 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 2020-FY 2024		Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Obligation Bonds or Appropriation-Based:											
Administration Projects:											
Major Computer Systems	73,212,000	8,500,000	A	N/A	N/A	Not Required (2)	4,900,000	3,600,000	0	0	0
Subtotal, Administration Projects	73,212,000	8,500,000					4,900,000	3,600,000	0	0	0
General Government Projects:											
Consolidated Shops & Warehouse	46,200,000	7,500,000		2016	N/A	Not Required (2)	4,000,000	0	3,500,000	0	0
Eastern Services Center	17,250,000	17,250,000		2024	N/A	Not Required (2)	0	0	0	0	17,250,000
General Government Office Space Phase I	123,473,000	16,265,000	B	2023	N/A	Not Required (2)	0	0	0	5,700,000	10,565,000
Landfill Reclamation Project	21,480,000	6,627,172	A	2015	N/A	Not Required (2)	6,627,172	0	0	0	0
Landfill Sequence V Closure	6,410,000	6,410,000		2020	N/A	Not Required (2)	1,350,000	5,060,000	0	0	0
Landfill Sequence 1A Cap & Closure	1,500,000	1,500,000		2020	N/A	Not Required (2)	1,500,000	0	0	0	0
Waterford Space Renovation	2,000,000	2,000,000		2022	N/A	Not Required (2)	0	0	2,000,000	0	0
Subtotal, General Government Projects	218,313,000	57,552,172					13,477,172	5,060,000	5,500,000	5,700,000	27,815,000
Health & Welfare Projects:											
DS Group Residence - Eastern Loudoun	3,055,000	3,055,000		2021	N/A	Not Required (2)	0	3,055,000	0	0	0
DS Group Residence - Purcellville	2,125,000	1,575,000	A	2019	N/A	Not Required (2)	575,000	1,000,000	0	0	0
Subtotal, Health & Welfare Projects	5,180,000	4,630,000					575,000	4,055,000	0	0	0
Parks & Recreation and Library Services Projects:											
Ashburn Recreation & Community Center	86,390,000	46,730,000		2017	44,270,000	Nov. 2016 (1)	0	0	18,403,000	15,268,000	13,059,000
Scott Jenkins Park Phase III	2,635,000	1,755,000		2021	1,755,000	Nov. 2019 (1)	0	1,755,000	0	0	0
Fields Farm Park	31,425,000	22,384,000		2021	29,185,000	Nov. 2019 (1)	0	2,000,000	5,000,000	5,000,000	10,384,000
STEM Library	55,481,000	4,430,000	B	2024	55,036,000	Nov. 2022 (1)	0	0	0	0	4,430,000
Hal & Berni Hanson Regional Park	91,165,000	28,595,000	A	2010	31,845,000	Nov. 2016 (1)	0	13,638,000	8,595,000	6,362,000	0
Lovettsville District Park Phases I & II	19,468,517	7,180,000	A	2021	4,680,000	Nov. 2019 (1)	0	5,008,000	2,172,000	0	0
Franklin Park to Purcellville Trail	5,910,000	5,000,000		2022	5,000,000	Nov. 2020 (1)	0	0	1,250,000	3,750,000	0
Philip Bolen Park Phase II	8,225,000	6,175,000		2021	6,175,000	Nov. 2019 (1)	0	3,032,550	2,127,125	1,015,325	0
Sterling Community Center Renovation	15,502,000	5,084,000	A	2008	6,085,000	Nov. 2014 (1)	2,542,000	2,542,000	0	0	0
Children's Science Center	15,000,000	15,000,000		2020	N/A	Not Required (2)	0	2,000,000	8,000,000	5,000,000	0
Dulles Neighborhood Park	9,523,000	1,200,000	B	2024	9,523,000	Nov. 2022 (1)	0	0	0	0	1,200,000
Broad Run Stream Valley Linear Park	24,850,000	1,000,000	B	2024	1,000,000	Nov. 2022 (1)	0	0	0	0	1,000,000
Subtotal, Parks & Recreation and Library Services Projects	365,574,517	144,533,000					2,542,000	29,975,550	45,547,125	36,395,325	30,073,000

Notes on Amount to be Financed between FY 2020 - FY 2024
A - Includes previously authorized, but unissued debt financing
B - Remaining amount to be financed after FY 2024

Notes on Potential Referendum Dates and Projects:
(1) General obligation bond financing requires referendum approval. Expenditures prior to referendum approval will not use general obligation financing.
(2) May be issued through Capital Leases, Lease Revenue Bonds, Other Financing Sources.

Debt Service Fund

Schedule of Major Financings

FY 2019 - FY 2024 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 2020-FY 2024		Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Obligation Bonds or Appropriation-Based:											
Public Safety Projects:											
Aldie Fire Rescue Station Replacement	18,860,000	4,000,000	A	2008	9,504,553	Nov. 2007 (1)	0	0	1,500,000	2,500,000	0
Animal Services Facility	25,786,000	8,750,000	A	2017	15,370,000	Nov. 2014 (1)	6,350,000	2,400,000	0	0	0
Courts Complex Phase III	107,295,000	74,550,000	A	2011	N/A	Not Required (2)	20,000,000	26,000,000	12,335,500	16,214,500	0
Fire Rescue Training Center Expansion	8,270,000	5,300,000		2022	7,030,000	Nov. 2021 (1)	0	0	0	2,300,000	3,000,000
Fire and Rescue Recruit Training Facility	6,410,000	5,270,000		2021	5,270,000	Nov. 2019 (1)	0	2,850,000	1,600,000	820,000	0
Juvenile Detention Center Phase I	20,411,930	8,000,000	A	2009	N/A	Not Required (2)	0	8,000,000	0	0	0
Juvenile Detention Center Phase II	5,595,000	5,595,000		2023	N/A	Not Required (2)	0	0	0	2,797,500	2,797,500
Leesburg South Fire & Rescue Station	17,980,000	7,900,000		2021	17,600,000	Nov. 2019 (1)	0	1,100,000	1,100,000	1,700,000	4,000,000
Lovettsville Fire Station Replacement	14,500,000	10,500,000	A	2016	13,500,000	Nov. 2016 (1)	4,750,000	5,750,000	0	0	0
Lucketts Fire Station Replacement	12,730,000	3,570,000	A	2014	11,490,000	Nov. 2013 (1)	3,570,000	0	0	0	0
Old Ox Road (Route 606) Station	19,410,000	4,070,000	B	2023	16,610,000	Nov. 2022 (1)	0	0	0	0	4,070,000
Philomont Fire Rescue Station Replacement	16,315,000	2,000,000	B	2022	13,725,000	Nov. 2021 (1)	0	0	0	0	2,000,000
Public Safety Firing Range	25,900,000	12,000,000	A	2016	N/A	Not Required (2)	6,369,110	5,630,890	0	0	0
Round Hill Fire Station Replacement	19,480,000	13,760,000		2019	15,660,000	Nov. 2017 (1)	0	5,385,000	5,000,000	3,375,000	0
Sterling Fire Station Replacement	18,421,000	12,470,000	A	2015	14,430,000	Nov. 2014 (1)	5,050,000	5,115,000	2,305,000	0	0
Fire Station Storage	650,000	600,000		2021	N/A	Not Required (2)	0	600,000	0	0	0
Subtotal, Public Safety Projects	338,013,930	178,335,000					46,089,110	62,830,890	23,840,500	29,707,000	15,867,500
Transit Projects:											
Dulles Corridor Metrorail Project - Non TIFIA Funding	300,000,000	56,645,000		2015	N/A	Not Required (2)	0	0	56,645,000	0	0
River Creek Sidewalk	1,315,000	1,315,000		2022	1,315,000	Nov. 2020 (1)	0	0	1,315,000	0	0
Subtotal, Transit Projects	301,315,000	57,960,000					0	0	57,960,000	0	0
Road Projects:											
Dulles West- Dulles Landing to Northstar Blvd	43,160,000	7,000,000		2019	9,360,000	Nov. 2021 (1)	0	0	0	3,000,000	4,000,000
Westwind Drive - State St to Ladbrook	52,101,000	17,650,000		2021	17,650,000	Nov. 2019 (1)	0	7,900,000	4,000,000	5,750,000	0
Crosstrail Blvd - Segment B	74,860,000	32,000,000	A	2019	36,560,000	Nov. 2018 (1)	16,500,000	15,500,000	0	0	0
Sycolin Rd Widening and Improvements	13,700,000	3,425,000	B	2023	13,700,000	Nov. 2021 (1)	0	0	0	2,055,000	1,370,000
Ryan Road Widening (Evergreen Mills to Northstar)	22,800,000	2,000,000	B	2024	22,800,000	Nov. 2022 (1)	0	0	0	0	2,000,000
Route 9/Route 287	13,255,000	12,565,000		2020	13,255,000	Nov. 2018 (1)	1,000,000	0	3,000,000	5,875,000	2,690,000
Route 7/Route 690 Interchange	41,370,000	10,070,000	B	2019	17,220,000	Nov. 2019 (1)	0	0	0	7,620,000	2,450,000
Loudoun County Pkwy Widening (Ryan Road to Shellhord Rd)	23,035,000	4,135,000	B	2024	23,035,000	Nov. 2022 (1)	0	0	0	0	4,135,000
Belmont Ridge Rd - Shreveport to Evergreen Mills Intersection Improvement	25,074,000	1,685,000		2022	1,685,000	Nov. 2022 (1)	0	0	0	0	1,685,000
Braddock Rd Widening - Royal Hunter to Paul VI High School	29,605,000	21,810,000		2020	5,660,000	Nov. 2018 (1)	0	6,360,000	7,510,000	7,940,000	0
Route 50 North Collector Road (Air & Space Museum Parkway to Route 50)	96,235,000	7,150,000	B	2022	10,220,000	Nov. 2020 (1)	0	0	2,270,000	2,880,000	2,000,000
Route 15 Bypass to Montressor Rd	79,770,000	5,175,000	B	2019	15,835,000	Nov. 2021 (1)	0	0	0	0	5,175,000
Croson Lane Widening- Claiborne to Mooreview Pkwy	17,150,000	8,770,000	B	2021	14,770,000	Nov. 2020 (1)	0	0	2,770,000	0	6,000,000
Old Ryan Road Pedestrian Improvements	2,885,000	395,000		2024	2,885,000	Nov. 2022 (1)	0	0	0	0	395,000
Evergreen Mills - Phase I - Belmont Ridge to Stone Springs	16,800,000	8,000,000		2023	11,800,000	Nov. 2021 (1)	0	0	0	3,000,000	5,000,000
Route 15 Improvement Btw Montressor Rd and Point of Rocks Bridge	110,785,000	12,300,000	B	2022	30,805,000	Nov. 2020 (1)	0	0	0	2,500,000	9,800,000
Route 50/Everfield Roundabout	8,000,000	1,015,000	B	2024	8,000,000	Nov. 2022 (1)	0	0	0	0	1,015,000
Sterling Boulevard/W&OD Overpass	8,245,000	8,245,000		2021	8,245,000	Nov. 2019 (1)	500,000	845,000	3,865,000	3,035,000	0
Shellhorn Rd	175,000,000	26,670,000	B	2017	43,410,000	Nov. 2021 (1)	4,000,000	0	0	7,150,000	15,520,000
Farmwell Road- Smith Switch to Ashburn	32,689,000	17,435,000		2019	19,235,000	Nov. 2018 (1)	0	2,800,000	6,990,000	7,645,000	0
Prentice Drive	100,230,000	15,000,000		2020	12,000,000	Nov. 2018 (1)	0	0	5,000,000	8,000,000	2,000,000
Intelligent Transportation System, Phase 1	2,327,000	1,277,000		2019	N/A	Not Required (2)	0	0	0	0	1,277,000
Intersection Improvements	103,884,000	40,773,000	B	2019	49,660,000	Nov. 2018 (1)	0	0	0	12,991,000	13,637,000	14,145,000
Route 7 Pedestrian Improvements	7,155,000	5,200,000		2019	5,200,000	Nov. 2019 (1)	0	1,000,000	0	2,100,000	2,100,000
Route 50/Trailhead Roundabout	8,570,000	8,570,000		2020	8,570,000	Nov. 2019 (1)	2,215,000	6,355,000	0	0	0
Route 15/Braddock Roundabout	6,400,000	1,015,000	B	2024	4,000,000	Nov. 2022 (1)	0	0	0	0	1,015,000
Trailhead/Braddock Roundabout	8,000,000	1,015,000	B	2024	8,000,000	Nov. 2022 (1)	0	0	0	0	1,015,000
Sidewalk and Trail Program	73,170,000	7,035,000	B	2022	13,055,000	Nov. 2020 (1)	0	0	1,110,000	1,925,000	4,000,000
Subtotal, Transportation Projects	1,196,255,000	287,380,000					24,215,000	40,760,000	49,506,000	84,112,000	88,787,000
SUBTOTAL - General Government	**2,483,454,930**	**738,890,172**					**91,798,282**	**146,281,440**	**182,353,625**	**155,914,325**	**162,542,500**

Notes on Amount to be Financed between FY 2020 - FY 2024
A - Includes previously authorized, but unissued debt financing
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Notes on Potential Referendum Dates and Projects:
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(2) May be issued through Capital Leases, Lease Revenue Bonds, Other Financing Sources.

Debt Service Fund

Schedule of Major Financings
FY 2019 - FY 2024 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 2020-FY 2024		Project Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
General Obligation Bonds or Appropriation-Based:											
School Administration Projects:											
School Vehicle Lease	60,000,000	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	60,000,000	50,000,000					10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Elementary School Projects:											
ES-23, North Dulles	44,235,000	39,130,000		2019	44,235,000	Nov. 2018 (1)	15,000,000	15,310,000	8,820,000	0	0
ES-29, Dulles South Area	44,235,000	39,130,000		2019	44,235,000	Nov. 2018 (1)	15,000,000	15,310,000	8,820,000	0	0
ES-31, Dulles North Area	38,770,000	5,920,000		2016	38,770,000	Nov. 2015 (1)	5,920,000	0	0	0	0
ES-34 Dulles North Area	70,440,000	5,180,000	B	2024	70,440,000	Nov. 2022 (1)	0	0	0	0	5,180,000
Algonkian ES Renovation	14,000,000	4,260,000	B	2023	12,320,000	Nov. 2022 (1)	0	0	0	0	4,260,000
Cool Springs ES Renovation	14,400,000	1,210,000	B	2024	13,750,000	Nov. 2022 (1)	0	0	0	0	1,210,000
Elementary School Classroom Additions- Countywide	19,590,000	11,155,000		2020	11,155,000	Nov. 2020 (1)	0	0	4,095,000	7,060,000	0
Subtotal, Elementary School Projects	245,670,000	105,985,000					35,920,000	30,620,000	21,735,000	7,060,000	10,650,000
Middle School Projects:											
MS-14, Dulles North	88,770,000	88,770,000		2021	88,770,000	Nov. 2019 (1)	0	5,500,000	37,405,000	35,190,000	10,675,000
Middle School Classroom Additions	14,250,000	5,170,000		2021	5,170,000	Nov. 2019 (1)	0	1,075,000	4,095,000	0	0
Land Acquisition - MS-14	6,635,000	3,905,000		2020	N/A	Not Required (2)	3,905,000	0	0	0	0
Subtotal, Middle School Projects	109,655,000	97,845,000					3,905,000	6,575,000	41,500,000	35,190,000	10,675,000
High School Projects:											
Land Acquisition - HS-14	44,035,000	3,500,000		2018	N/A	Not Required (2)	0	0	3,500,000	0	0
CS Monroe Technology Center	64,943,000	61,363,000	A	2019	63,193,000	Nov. 2017 (1)	10,683,500	21,558,000	17,000,000	12,121,500	0
Independence High School (HS-11)	115,825,000	24,680,000	A	2016	112,725,000	Nov. 2015 (1)	24,680,000	0	0	0	0
Lightridge High School (HS-9)	125,540,000	59,747,200	A	2017	117,160,000	Nov. 2016 (1)	50,000,000	9,747,200	0	0	0
HS- Synthetic Field and Track Resurface (2)	7,948,000	1,936,000		2019	2,936,000	Nov. 2017 (1)	1,936,000	0	0	0	0
HS- Tennis Court Lighting (15)	11,880,000	500,000	B	2023	3,955,000	Nov. 2022 (1)	0	0	0	0	500,000
HS- Weight Room Expansion	7,105,000	7,105,000		2023	7,105,000	Nov. 2021 (1)	0	0	0	1,210,000	5,895,000
HS Practice Field Turf and Lights	26,170,000	1,100,000	B	2024	16,470,000	Nov. 2022 (1)	0	0	0	0	1,100,000
Subtotal, High School Projects	403,446,000	159,931,200					87,299,500	31,305,200	20,500,000	13,331,500	7,495,000
Other School Projects:											
Broadband Infrastructure	6,750,000	1,750,000		2019	N/A	Not Required (2)	875,000	875,000	0	0	0
Division Security Improvements	11,484,000	6,162,837	A	2019	11,484,000	Nov. 2017 (1)	4,344,994	1,817,843	0	0	0
Land Acquisition (Various LCPS Projects)	344,587,000	6,680,000		2019	N/A	Not Required (2)	0	3,100,000	1,780,000	1,800,000	0
School Bus Radio Replacements	10,420,000	10,420,000		2022	N/A	Not Required (2)	0	0	10,420,000	0	0
School Bus Replacement & Acquisition	91,815,000	41,165,000	B	N/A	N/A	Not Required (2)	7,525,000	7,865,000	8,215,000	8,585,000	8,975,000
School Security Vestibules	14,350,000	8,138,837	A	2019	10,350,000	Nov. 2018 (1)	2,344,994	3,589,423	2,204,420	0	0
School Walking Tracks	1,900,000	935,000		2024	935,000	Nov. 2022 (1)	0	0	0	0	935,000
Staff Training Center Renovation	14,960,000	12,395,000		2022	13,655,000	Nov. 2021 (1)	0	0	0	5,030,000	7,365,000
Round Hill Support Center Renovation	15,135,000	6,480,000		2023	15,135,000	Nov. 2021 (1)	0	0	0	1,270,000	5,210,000
Valley Service Center Replacement - Culbert ES Bus Parking	37,690,000	10,820,000	B	2023	36,450,000	Nov. 2021 (1)	0	0	0	1,170,000	9,650,000
Valley Service Center Traffic Signal	655,000	655,000		2024	655,000	Nov. 2022 (1)	0	0	0	0	655,000
Subtotal, Other School Projects	549,746,000	105,601,674					15,089,988	17,247,266	22,619,420	17,855,000	32,790,000
SUBTOTAL - Schools	**1,368,517,000**	**519,362,874**					**152,214,488**	**95,747,466**	**116,354,420**	**83,436,500**	**71,610,000**
GRAND TOTAL	**3,851,971,930**	**1,258,253,046**					**244,012,770**	**242,028,906**	**298,708,045**	**239,350,825**	**234,152,500**

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Debt Service Fund

Debt Service Projections FY 2020-FY 2024

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2020-FY 2024					
				2020	2021	2022	2023	2024	Total
Administration									
Major Computer Systems	$8,500,000	$1,699,250	$10,199,250	122,500	1,017,500	1,574,625	1,513,875	1,453,125	5,681,625
General Government									
Consolidated Shops & Warehouse	$7,500,000	$3,937,500	$11,437,500	100,000	395,000	472,500	720,625	701,875	2,390,000
Eastern Services Center	17,250,000	9,055,000	26,305,000	-	-	-	-	431,250	431,250
General Government Office Space Phase I	16,265,000	8,533,000	24,798,000	-	-	-	142,500	827,000	969,500
Landfill Reclamation Project	6,627,172	3,485,910	10,113,082	165,679	653,108	636,608	620,108	603,608	2,679,111
Landfill Sequence V Closure	6,410,000	3,359,000	9,769,000	33,750	262,250	629,000	617,875	596,750	2,139,625
Landfill Sequence 1A Cap & Closure	1,500,000	787,500	2,287,500	37,500	148,125	144,375	140,625	136,875	607,500
Waterford Space Renovation	2,000,000	1,050,000	3,050,000	-	-	50,000	197,500	192,500	440,000
Health & Welfare Projects:									
DS Group Residence - Eastern Loudoun	$3,055,000	$1,492,250	$4,547,250	-	76,375	333,125	323,875	314,625	1,048,000
DS Group Residence - Purcellville	1,575,000	754,000	2,329,000	14,375	83,000	174,750	169,750	164,750	606,625
Parks & Recreation and Library Services Projects:									
Ashburn Recreation & Community Center	$46,730,000	$22,737,150	$69,467,150	-	-	-	1,840,150	3,322,550	5,162,700
Scott Jenkins Park Phase III	1,755,000	918,000	2,673,000	-	-	177,750	173,250	168,750	519,750
Fields Farm Park	22,384,000	11,746,250	34,130,250	-	-	200,000	695,000	1,177,500	2,072,500
STEM Library	4,430,000	2,331,000	6,761,000	-	-	-	-	-	-
Hal & Berni Hanson Regional Park	28,595,000	13,612,000	42,207,000	-	-	1,361,900	2,467,650	3,156,250	6,985,800
Lovettsville District Park Phase II	7,180,000	3,605,000	10,785,000	-	-	500,400	751,500	731,250	1,983,150
Franklin Park to Purcellville Trail	5,000,000	2,622,500	7,622,500	-	-	-	127,500	496,750	624,250
Philip Bolen Park Phase II	6,175,000	3,258,500	9,433,500	-	-	301,628	505,484	593,500	1,400,612
Sterling Community Center Renovation	5,084,000	2,501,000	7,585,000	-	277,100	546,700	531,700	516,700	1,872,200
Children's Science Center	15,000,000	7,875,000	22,875,000	-	-	200,000	995,000	1,470,000	2,665,000
Dulles Neighborhood Park	1,200,000	630,000	1,830,000	-	-	-	-	-	-
Broad Run Stream Valley Linear Park	1,000,000	525,000	1,525,000	-	-	-	-	-	-
Public Safety Projects:									
Aldie Fire Rescue Station Replacement	$4,000,000	$1,611,750	$5,611,750	-	-	37,500	210,625	527,750	775,875
Animal Services Facility	8,750,000	4,040,000	12,790,000	-	792,500	1,008,750	979,000	954,250	3,734,500
Courts Complex Phase III	74,550,000	37,849,290	112,399,290	500,000	2,625,000	4,800,888	6,360,014	7,390,877	21,676,779
Fire Rescue Training Center Expansion	5,300,000	2,782,500	8,082,500	-	-	-	-	230,000	230,000
Fire and Rescue Recruit Training Facility	5,270,000	2,499,000	7,769,000	-	-	287,500	435,250	585,250	1,308,000
Juvenile Detention Center Phase I	8,000,000	4,200,000	12,200,000	-	200,000	790,000	770,000	750,000	2,510,000
Juvenile Detention Center Phase II	5,595,000	2,935,000	8,530,000	-	-	-	-	279,875	279,875
Leesburg South Fire & Rescue Station	7,900,000	4,147,500	12,047,500	-	-	110,000	217,250	381,750	709,000
Lovettsville Fire Station Replacement	10,500,000	5,071,750	15,571,750	-	602,500	1,161,750	1,119,000	1,096,750	3,980,000
Lucketts Fire Station Replacement	3,570,000	1,151,750	4,721,750	-	563,500	544,250	525,000	505,750	2,138,500
Old Ox Road (Route 606) Station	4,070,000	2,130,000	6,200,000	-	-	-	-	-	-
Philomont Fire Rescue Station Replacement	2,000,000	1,050,000	3,050,000	-	-	-	-	-	-
Public Safety Firing Range	12,000,000	6,185,572	18,185,572	159,228	805,353	1,196,500	1,169,875	1,133,250	4,464,206
Round Hill Fire Station Replacement	13,760,000	6,752,750	20,512,750	-	-	539,250	1,025,750	1,468,500	3,033,500
Sterling Fire Station Replacement	12,470,000	6,126,750	18,596,750	-	507,500	1,000,500	1,330,500	1,288,250	4,126,750
Fire Station Storage	600,000	315,000	915,000	-	-	60,000	58,500	57,000	175,500

Debt Service Fund

Debt Service Projections FY 2020-FY 2024

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2020-FY 2024					
				2020	2021	2022	2023	2024	Total
Transit Projects:									
Dulles Corridor Metrorail Project - Non TIFIA Funding	$56,645,000	$37,792,244	$94,437,244	-	-	2,540,925	3,699,925	3,695,925	9,936,775
River Creek Sidewalk	1,315,000	695,250	2,010,250	-	-	-	130,750	127,500	258,250
Road Projects:									
Dulles West- Dulles Landing to Northstar Blvd	$7,000,000	$3,675,000	$10,675,000	-	-	-	-	300,000	300,000
Westwind Drive - State St to Ladbrook	17,650,000	9,265,000	26,915,000	-	-	790,000	1,170,250	1,718,000	3,678,250
Crosstrail Blvd - Segment B	32,000,000	16,800,000	48,800,000	-	1,650,000	3,158,750	3,078,750	2,998,750	10,886,250
Sycolin Rd Widening and Improvements	3,425,000	1,788,000	5,213,000	-	-	-	-	207,750	207,750
Braddock Rd Widening - Paul VI East Entrance to FFX Cty Li	-	-	-	-	-	-	-	-	-
Ryan Road Widening (Evergreen Mills to Northstar)	2,000,000	1,050,000	3,050,000	-	-	-	-	-	-
Route 9/Route 287	12,565,000	6,585,500	19,150,500	-	100,000	97,500	395,000	973,750	1,566,250
Route 7/Route 690 Interchange	10,070,000	5,291,000	15,361,000	-	-	-	-	761,000	761,000
Loudoun County Pkwy Widening (Ryan Road to Shellhord R	4,135,000	2,175,250	6,310,250	-	-	-	-	-	-
Belmont Ridge Rd - Shreveport to Evergreen Mills Intersecti	1,685,000	879,000	2,564,000	-	-	-	-	-	-
Braddock Rd Widening - Royal Hunter to Paul VI High Schoc	21,810,000	11,452,000	33,262,000	-	-	638,000	1,372,500	2,129,750	4,140,250
Route 50 North Collector Road (Air & Space Museum Parkw	7,150,000	3,740,500	10,890,500	-	-	-	228,500	511,750	740,250
Route 15 Bypass to Montressor Rd	5,175,000	2,710,000	7,885,000	-	-	-	-	-	-
Croson Lane Widening- Claiborne to Mooreview Pkwy	8,770,000	4,597,500	13,367,500	-	-	-	278,500	271,500	550,000
Old Ryan Road Pedestrian Improvements	395,000	205,000	600,000	-	-	-	-	-	-
Route 15 Improvement Btw Montressor Rd and Point of Roc	12,300,000	6,457,500	18,757,500	-	-	-	-	250,000	250,000
Route 50/Everfield Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-
Sterling Boulevard/W&OD Overpass	8,245,000	4,328,000	12,573,000	-	50,000	131,000	516,000	809,750	1,506,750
Shellhorn Rd	26,670,000	14,006,000	40,676,000	-	400,000	390,000	380,000	1,087,500	2,257,500
Farmwell Road- Smith Switch to Ashburn	17,435,000	9,150,250	26,585,250	-	-	280,000	972,500	1,710,250	2,962,750
Prentice Drive	15,000,000	7,875,000	22,875,000	-	-	-	500,000	1,287,500	1,787,500
Intelligent Transportation System, Phase 1	1,277,000	664,500	1,941,500	-	-	-	-	31,925	31,925
Intersection Improvements	40,773,000	21,408,500	62,181,500	-	-	-	1,299,550	2,628,900	3,928,450
Route 7 Pedestrian Improvements	5,200,000	2,730,000	7,930,000	-	-	100,000	97,500	305,000	502,500
Route 50/Trailhead Roundabout	8,570,000	4,500,750	13,070,750	-	220,750	853,000	831,500	810,000	2,715,250
Route 15/Braddock Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-
Trailhead/Braddock Roundabout	1,015,000	537,750	1,552,750	-	-	-	-	-	-
Sidewalk and Trail Program	7,035,000	3,702,750	10,737,750	-	-	-	110,500	299,000	409,500

Debt Service Fund

Debt Service Projections FY 2020-FY 2024

Projects	Principal	Interest	Total Debt Service	Debt Service Projections FY 2020-FY 2024					
				2020	2021	2022	2023	2024	Total
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-23, North Dulles	$39,130,000	$20,552,500	$59,682,500	-	1,500,000	2,993,000	3,798,250	3,700,500	11,991,750
ES-29, Dulles South Area	39,130,000	20,552,500	59,682,500	-	1,500,000	2,993,000	3,798,250	3,700,500	11,991,750
ES-31, Dulles North Area	5,920,000	1,816,500	7,736,500	-	961,000	927,750	894,500	861,250	3,644,500
ES-34 Dulles North Area	5,180,000	2,713,000	7,893,000	-	-	-	-	-	-
Algonkian ES Renovation	4,260,000	2,231,500	6,491,500	-	-	-	-	-	-
Cool Springs ES Renovation	1,210,000	639,000	1,849,000	-	-	-	-	-	-
Elementary School Classroom Additions- Countywide	11,155,000	5,654,500	16,809,500	-	-	-	409,750	1,162,500	1,572,250
Middle School Projects:									
MS-14, Dulles North	$88,770,000	$43,715,700	$132,485,700	-	-	550,000	4,276,500	7,688,750	12,515,250
Middle School Classroom Additions	5,170,000	2,705,000	7,875,000	-	-	108,750	515,750	502,750	1,127,250
Land Acquisition - MS-14	3,905,000	2,052,250	5,957,250	-	390,250	380,500	370,750	361,000	1,502,500
High School Projects:									
Land Acquisition - HS-14	$3,500,000	$1,837,500	$5,337,500	-	-	-	350,000	341,250	691,250
CS Monroe Technology Center	61,363,000	30,916,300	92,279,300	-	1,069,175	3,445,325	5,177,325	6,246,650	15,938,475
Independence High School (HS-11)	24,680,000	11,223,000	35,903,000	-	2,964,000	2,877,500	2,791,000	2,704,500	11,337,000
Lightridge High School (HS-9)	59,747,200	31,369,450	91,116,650	-	5,000,000	5,847,360	5,698,110	5,553,860	22,099,330
HS- Synthetic Field and Track Resurface (2)	1,936,000	1,021,250	2,957,250	-	191,800	187,050	182,300	177,550	738,700
HS- Tennis Court Lighting (15)	500,000	262,500	762,500	-	-	-	-	-	-
HS- Weight Room Expansion	7,105,000	3,731,500	10,836,500	-	-	-	-	120,500	120,500
HS Practice Field Turf and Lights	1,100,000	577,500	1,677,500	-	-	-	-	-	-
Other School Projects:									
Broadband Infrastructure	$1,750,000	$905,000	$2,655,000	21,875	109,500	173,000	168,500	164,000	636,875
Division Security Improvements	6,162,837	3,244,340	9,407,177	-	432,250	602,392	587,142	576,892	2,198,676
Land Acquisition (Various LCPS Projects)	6,680,000	3,500,500	10,180,500	-	77,500	350,625	475,125	642,875	1,546,125
School Bus Radio Replacements	10,420,000	2,083,000	12,503,000	-	-	260,500	1,973,750	1,899,250	4,133,500
School Bus Replacement & Acquisition	41,165,000	8,231,500	49,396,500	188,125	1,621,000	3,066,125	4,521,750	5,986,375	15,383,375
School Security Vestibules	8,138,837	3,800,340	11,939,177	-	232,250	585,971	926,442	904,442	2,649,105
School Walking Tracks	935,000	495,250	1,430,250	-	-	-	-	-	-
Staff Training Center Renovation	12,395,000	6,078,000	18,473,000	-	-	-	-	501,500	501,500
Round Hill Support Center Renovation	6,480,000	3,399,000	9,879,000	-	-	-	-	128,500	128,500
Valley Service Center Replacement - Culbert ES Bus Parkin	10,820,000	5,672,500	16,492,500	-	-	-	-	118,500	118,500
Valley Service Center Traffic Signal	655,000	340,500	995,500	-	-	-	-	-	-
Totals	**$1,258,253,046**	**$612,272,546**	**$1,870,525,592**	**1,343,032**	**30,478,286**	**59,043,272**	**87,336,650**	**112,214,254**	**290,415,494**

Debt Service Fund

Debt Service Projections FY 2020-FY 2024

	Summary - Total County Projects							Summary - Total School Projects							
Total Principal	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**
	$ 66,052,172	$ 4,630,000	$ 144,533,000	$ 178,335,000	$ 345,340,000	$ 738,890,172		$ 50,000,000	$ 105,985,000	$ 97,845,000	$ 159,931,200	$ 105,601,674	$ 519,362,874		**$ 1,258,253,046**
2020	459,429	14,375	-	659,228	-	1,133,032		-	-	-	-	210,000	210,000		**1,343,032**
2021	2,475,983	159,375	277,100	6,096,353	2,420,750	11,429,561		3,000,000	3,961,000	390,250	9,224,975	2,472,500	19,048,725		**30,478,286**
2022	3,507,108	507,875	3,288,378	11,536,888	8,979,175	27,819,424		5,875,000	6,913,750	1,039,250	12,357,235	5,038,613	31,223,848		**59,043,272**
2023	3,953,108	493,625	8,087,234	14,200,764	15,061,725	41,796,456		8,625,000	8,900,750	5,163,000	14,198,735	8,652,709	45,540,194		**87,336,650**
2024	4,942,983	479,375	11,633,250	16,649,252	23,215,500	56,920,360		11,250,000	9,424,750	8,552,500	15,144,310	10,922,334	55,293,894		**112,214,254**
2025	6,868,358	465,125	14,836,150	17,763,252	31,538,800	71,471,685		11,250,000	10,232,750	10,228,250	15,464,560	14,508,209	61,683,769		**133,155,454**
2026	6,653,608	446,000	14,439,900	17,254,252	30,832,050	69,625,810		8,250,000	9,946,500	9,942,250	15,021,560	13,996,459	57,156,769		**126,782,579**
2027	6,453,983	436,875	14,017,900	16,729,134	30,080,800	67,718,692		5,375,000	9,660,250	9,651,250	14,583,560	13,464,584	52,734,644		**120,453,336**
2028	5,556,983	417,750	13,571,400	15,422,546	29,387,050	64,355,729		2,625,000	8,804,000	9,370,500	13,370,310	11,910,084	46,079,894		**110,435,623**
2029	4,895,358	330,625	13,131,650	14,953,546	28,632,800	61,943,979		-	8,551,250	9,079,500	12,593,560	10,340,334	40,564,644		**102,508,623**
2030	4,746,483	320,375	12,213,400	13,718,671	27,941,050	58,939,979		-	8,283,250	8,798,750	12,014,410	7,145,459	36,241,869		**95,181,848**
2031	4,612,483	310,125	11,654,650	12,763,421	27,183,300	56,523,979		-	7,945,750	8,509,750	11,642,910	5,677,709	33,776,119		**90,300,098**
2032	4,453,608	295,000	10,476,700	12,349,171	26,477,550	54,052,029		-	7,687,250	6,956,900	11,256,160	4,038,084	29,938,394		**83,990,423**
2033	4,324,733	289,875	10,167,950	11,945,171	25,731,050	52,458,779		-	7,439,000	6,729,400	10,889,910	3,894,834	28,953,144		**81,411,923**
2034	4,165,858	274,750	9,807,950	11,530,921	25,025,550	50,805,029		-	7,180,500	6,512,150	10,503,160	3,782,334	27,978,144		**78,783,173**
2035	4,036,983	269,625	9,499,200	11,126,921	24,300,700	49,233,429		-	6,942,250	6,284,650	10,131,910	3,644,084	27,002,894		**76,236,323**
2036	3,878,108	254,500	9,139,200	10,717,671	23,588,575	47,578,054		-	6,673,250	6,067,400	9,755,410	3,521,459	26,017,519		**73,595,573**
2037	3,749,233	249,375	8,830,450	10,303,421	22,848,894	45,981,373		-	6,435,000	5,839,900	9,378,910	3,388,334	25,042,144		**71,023,517**
2038	3,590,358	234,250	8,470,450	9,899,421	22,135,838	44,330,317		-	6,171,000	5,622,650	9,002,410	3,260,709	24,056,769		**68,387,086**
2039	3,461,483	229,125	8,156,700	9,490,046	21,419,700	42,757,054		-	5,927,500	5,400,150	8,625,910	3,137,834	23,091,394		**65,848,448**
2040	3,304,726	218,875	7,803,950	9,080,921	20,663,388	41,071,860		-	5,663,500	5,177,650	8,253,910	3,004,947	22,100,007		**63,171,867**
2041	2,510,625	179,375	7,368,650	6,674,914	18,753,438	35,487,002		-	3,825,000	4,755,150	3,777,885	2,510,475	14,868,510		**50,355,512**
2042	2,146,875	-	5,546,447	3,276,489	16,010,250	26,980,061		-	2,095,750	4,212,650	2,177,925	1,928,266	10,414,591		**37,394,652**
2043	1,791,250	-	3,190,541	2,214,363	12,930,044	20,126,198		-	929,250	1,941,650	1,112,075	1,730,500	5,713,475		**25,839,673**
2044	1,419,625	-	1,285,200	826,875	8,248,831	11,780,531		-	551,250	92,400	388,500	1,170,750	2,202,900		**13,983,431**
2045	-	-	-	-	3,613,438	3,613,438		-	-	-	-	-	-		**3,613,438**
2046	-	-	-	-	3,607,500	3,607,500		-	-	-	-	-	-		**3,607,500**
2047	-	-	-	-	4,050,000	4,050,000		-	-	-	-	-	-		**4,050,000**
2048	-	-	-	-	-	-		-	-	-	-	-	-		**-**
2049	-	-	-	-	-	-		-	-	-	-	-	-		**-**
Total Principal & Interest	$ 97,959,332	$ 6,876,250	$ 216,894,400	$ 267,183,612	$ 534,677,744	1,123,591,338		56,250,000	160,144,500	146,317,950	240,870,200	143,351,604	$ 746,934,254		**$ 1,870,525,592**

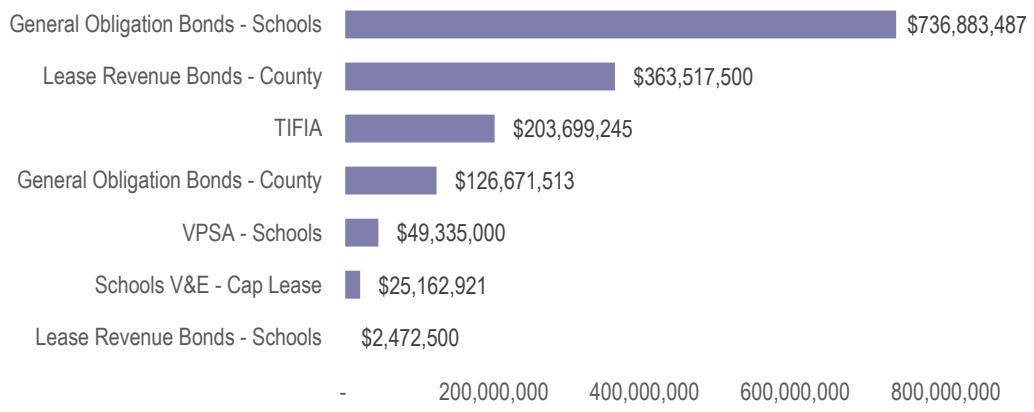
Outstanding Debt and Referendum Authority

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 May 31, 2019.

Outstanding Debt as of May 31, 2019

Type of Debt	General Government	Schools	Total
General Obligation Bonds	$126,671,513	$736,883,487	$863,555,000
VPSA General Obligation Bonds	-	49,335,000	49,335,000
Lease Revenue Bonds	367,403,500	2,472,500	369,995,000
Capital Leases	-	25,162,921	25,162,921
Federal Loans	203,699,245	-	203,699,245
Total	**$693,888,258**	**$813,853,908**	**$1,507,742,166**

Figure 8. Outstanding Debt



The following table displays the amount of general obligation bonds approved by voter 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 general obligation debt the County has the authority to issue, but has not issued; 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.

Debt Service Fund

Outstanding Referendum Authority as of May 31, 2019

Referendum Year	Functional Area	Approved Referendum Amount	Amount Authorized and Unissued
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	2,500,000
	Public Safety	14,175,000	8,635,000
	Schools	10,755,000	831,710
	2013 Subtotal	**59,185,000**	**11,966,710**
2014	Parks and Rec	10,935,000	5,084,000
	Public Safety	34,690,000	26,186,000
	Schools	162,900,000	11,085,290
	2014 Subtotal	**208,525,000**	**42,355,290**
2015	Public Safety	2,940,000	2,940,000
	Schools	150,995,000	105,600,000
	2015 Subtotal	**153,935,000**	**108,540,000**
2016	Parks and Rec	76,115,000	71,435,000
	Public Safety	17,500,000	13,500,000
	Transportation	18,000,000	12,000,000
	Schools	233,070,000	144,515,000
	2016 Subtotal	**344,685,000**	**241,450,000**
2017	Public Safety	15,660,000	15,660,000
	Schools	81,761,000	81,761,000
	2017 Subtotal	**97,421,000**	**97,421,000**
2018	Transportation	152,585,000	152,585,000
	Schools	98,820,000	98,820,000
	2018 Subtotal	**251,405,000**	**251,405,000**
Totals	**Schools**	**1,044,071,000**	**470,586,000**
	County	**382,605,000**	**311,043,763**
	Total	**1,426,676,000**	**781,629,763**

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Other Funds
FY 2020 Adopted Budget

Contents

Capital Asset Preservation Program Fund	14-2
Children's Services Act Fund	14-6
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	14-17
Housing Fund	14-18
Legal Resource Center Fund (Law Library)	14-22
Major Equipment Replacement Fund	14-25
Metro Parking Garages Fund	14-26
Public Facilities Fund	14-30
Rental Assistance Program Fund	14-36
Restricted Use Transient Occupancy Tax Fund	14-40
Revolving Loan Fund	14-46
Route 28 Special Improvements Fund	14-48
State and Federal Grant Fund	14-52
Tall Oaks Water and Sewer Fund	14-59
Transportation District Fund	14-60

LOUDOUN COUNTY VIRGINIA
I BYDE MY TIME
1757

Capital Asset Preservation Program Fund

The Board of Supervisors established the Capital Asset Preservation Program Fund (CAPP) in 1990 as a consistent means of planning and financing for major Loudoun County Public Schools (LCPS) and County General Government maintenance efforts. The CAPP affords the County the ability to extend the useful life of mature and aging facilities by repairing and replacing major facility components and systems.

The County uses nationally promulgated standards as guidelines for the maintenance of, and financial investment in, aging facilities. For example, the Association of Higher Education Facilities Officers recommends annual capital asset preservation funding ranges that are 1.5 to 3.0 percent of the total replacement value of an institution's physical plant. Similarly, the federal Internal Revenue Service has established a depreciation standard of 2.5 percent per year on fixed assets. The number of new facilities for the LCPS and County also influences the CAPP budget, as new facilities are added to the County's fixed asset inventory at a faster pace than the County's ability to increase funding to maintain the CAPP at optimal levels.

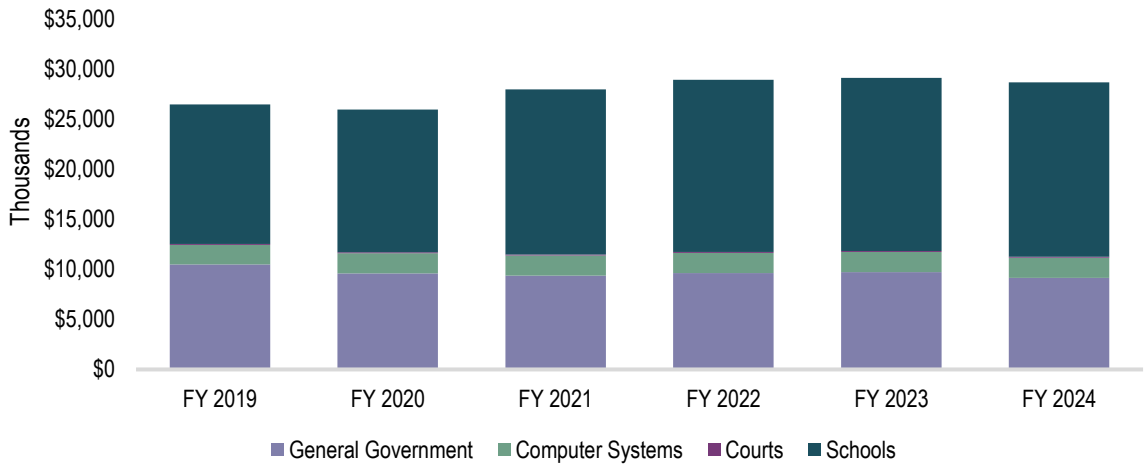
The CAPP is financed through local tax funding. The CAPP also receives additional revenue from surcharges collected by the Clerk of the Circuit Court on recordation taxes. This recordation tax surcharge is legally earmarked for the ongoing maintenance of Court-related facilities. Budget projections for FY 2019 through FY 2024 reflect the funding required to support capital asset preservation.

The County CAPP and the School Capital Asset Preservation Program Fund are separate funds and are separate appropriations in the Appropriations Resolution. While the programs focus on the long-term needs of the County, only the current year (FY 2020) is appropriated. The County's CAPP includes funding for long-term maintenance of general government and court facilities, as well as computer system replacements.[1]

[1] In prior year Adopted Budgets, computer system replacements were displayed as a separate Computer System Replacement Fund, while still being appropriated under the CAPP Fund. The FY 2020 Adopted Budget displays these system replacements within their parent fund.

Revenues and Expenditures[1]

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total
Revenues – Transfer from General Fund							
General Government	$10,518,500	$9,604,000	$9,370,000	$9,640,000	$9,726,350	$9,154,091	$58,012,941
Computer Systems	1,925,000	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000	12,050,000
Schools	13,973,000	14,277,500	16,508,000	17,207,000	17,303,000	17,432,000	96,700,500
Subtotal	**$26,416,500**	**$25,906,500**	**$27,903,000**	**$28,872,000**	**$29,054,350**	**$28,611,091**	**$166,763,441**
Revenues – Other Sources							
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 – Revenues	**$26,516,500**	**$26,006,500**	**$28,003,000**	**$28,972,000**	**$29,154,350**	**$28,711,091**	**$167,363,441**
Expenditures							
General Government	$10,518,500	$9,604,000	$9,370,000	$9,640,000	$9,726,350	$9,154,091	$58,012,941
Courts Maintenance	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Computer Systems	1,925,000	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000	12,050,000
Subtotal – County CAPP	**$12,543,500**	**$11,729,000**	**$11,495,000**	**$11,765,000**	**$11,851,350**	**$11,279,091**	**$70,662,941**
Schools	$13,973,000	$14,277,500	$16,508,000	$17,207,000	$17,303,000	$17,432,000	$96,700,500
Subtotal – Schools CAPP	**$13,973,000**	**$14,277,500**	**$16,508,000**	**$17,207,000**	**$17,303,000**	**$17,432,000**	**$96,700,500**
Total – Expenditures	**$26,516,500**	**$26,006,500**	**$28,003,000**	**$28,972,000**	**$29,154,350**	**$28,711,091**	**$167,363,441**



[1] Sums may not equal due to rounding.

Capital Asset Preservation Program

Expenditure Detail

Program Compared to Fixed Asset Value

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Fixed Asset Value (FAV)						
General Government	$1,358,591,947	$1,494,451,142	$1,643,896,256	$1,808,285,881	$1,989,114,470	$2,188,025,917
Schools	$1,830,591,106	2,013,650,217	2,215,015,238	2,436,516,762	2,680,168,438	2,948,185,282
Total Fixed Asset Value	**$3,189,183,053**	**$3,508,101,358**	**$3,858,911,494**	**$4,244,802,644**	**$4,669,282,908**	**$5,136,211,199**
CAPP Projects as a Percent of FAV						
General Government	0.78%	0.65%	0.52%	0.48%	0.44%	0.38%
Schools	0.76%	0.71%	0.64%	0.59%	0.54%	0.49%
All CAPP Projects	**0.77%**	**0.68%**	**0.59%**	**0.55%**	**0.50%**	**0.44%**

Adopted FY 2020 County CAPP

During FY 2019, the County conducted a series of building assessments to develop a long-term maintenance strategy for County facilities. These assessments resulted in a level funding plan for select General Government expenditure categories (Building, Roofing, Mechanical/Electrical and Plumbing). Current and planned appropriations for these expenditures have been updated in FY 2020 through FY 2024 and represent a long-term strategy to provide sufficient and consistent annual funding for these types of expenditures over time. The assessments also helped identify the need for establishing a contingency within the CAPP Fund. Contingency funding will be used to address needs that may be accelerated due to unforeseen circumstances.

In addition, CAPP's FY 2020 Adopted Budget also reflects the shift of the Renovation Fund from CAPP to the Capital Improvements Program (CIP); funding for all renovation projects will now be included in the County Renovation Program in the CIP. This distinction between long-term maintenance and renovation projects between the CAPP Fund and the CIP will permit better and more flexible planning and funding.

Program by Functional Area and Repair Category

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total
General Government							
Building	$2,363,400	$3,650,000	$2,250,000	$2,250,000	$2,250,000	$2,250,000	$15,013,400
Mechanical/Electrical Plumbing	3,443,000	950,000	950,000	950,000	900,000	900,000	$8,093,000
Roofing	1,426,500	500,000	850,000	850,000	850,000	850,000	$5,326,500
Pavement/Site	1,740,000	1,830,000	2,320,000	2,545,000	2,635,000	2,015,000	$13,085,000
Renovations	1,000,000	0	0	0	0	0	$1,000,000
CAPP Contingency	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	$7,500,000
Parks/Recreation Facilities	545,600	1,174,000	1,500,000	1,545,000	1,591,350	1,639,091	$7,995,041
Subtotal – General Government	**$10,518,500**	**$9,604,000**	**$9,370,000**	**$9,640,000**	**$9,726,350**	**$9,154,091**	**$58,012,941**
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**
Computer Systems							
Network Equipment	$800,000	$900,000	$900,000	$900,000	$900,000	$900,000	$5,300,000
Windows & Enterprise Servicers	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Enterprise Storage	320,000	320,000	320,000	320,000	320,000	320,000	1,920,000
Application Software	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Video Conferencing	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Network Security	260,000	260,000	260,000	260,000	260,000	260,000	1,560,000
Subtotal – Computer Systems	**$1,925,000**	**$2,025,000**	**$2,025,000**	**$2,025,000**	**$2,025,000**	**$2,025,000**	**$12,050,000**
Total – County CAPP	**$12,543,500**	**$11,729,000**	**$11,495,000**	**$11,765,000**	**$11,851,350**	**$11,279,091**	**$70,662,941**
Schools							
Electrical	$2,005,000	$1,323,000	$1,426,250	$1,915,000	$3,388,000	$2,429,000	$12,486,250
HVAC	725,000	553,750	913,000	994,000	4,141,000	1,812,000	9,138,750
Plumbing	517,250	686,250	1,045,000	1,124,000	597,000	1,000,000	4,969,500
Resurfacing	5,572,750	5,555,000	4,582,000	5,259,000	1,727,000	2,498,000	25,193,750
Roofing	3,580,500	3,924,000	4,278,000	4,212,000	5,594,000	6,504,000	28,092,500
Structure Repair	1,572,500	1,440,500	3,407,000	3,297,000	1,356,000	2,689,000	13,762,000
Windows	0	795,000	856,750	406,000	500,000	500,000	3,057,750
Subtotal Schools	**$13,973,000**	**$14,277,500**	**$16,508,000**	**$17,207,000**	**$17,303,000**	**$17,432,000**	**$96,700,500**
Total – All CAPP	**$26,516,500**	**$26,006,500**	**$28,003,000**	**$28,972,000**	**$29,154,350**	**$28,711,091**	**$167,363,441**

Children's Services Act Fund

The Children's Services Act (CSA), formerly the Comprehensive Services Act, is a state law that established a state and locally shared fund for the purchase of services for at-risk youth and their families. The CSA Fund, managed by the Department of Family Services (DFS), accounts for the revenues and expenditures of the program. State funds are matched with local funds at varying rates depending on the type of service being provided, from 23.82 percent (community-based services) to 59.54 percent (residential treatment services). The youth supported by CSA funds often struggle with behavioral or emotional problems; typical services include community-based services, residential facilities, and educational services.

CSA policy is set by a local Community Policy and Management Team (CPMT), which consists of appointed members from the community and the County including representatives from DFS; the Juvenile Court Services Unit; the Department of Mental Health, Substance Abuse, and Developmental Services; the Loudoun County Public Schools; County Administration; and the Health Department. The CPMT develops inter-agency policies and procedures to govern the provision of services, develops fiscal policies governing access to State pool funds, establishes quality assurance and accountability procedures, and coordinates long-range community planning for services. The Loudoun CPMT also oversees a Multi-Disciplinary Team (MDT) process which reviews all requests for CSA funded services.

Revenues, Expenditures, and Changes in Fund Balance[1]

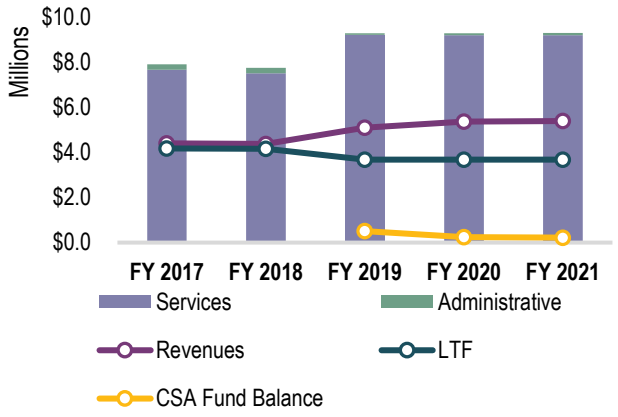
	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$3,925,462**	**$4,591,690**	**$5,379,382**	**$4,905,253**	**$4,666,829**
Revenues					
Recovered Costs	$724,758	$660,388	$786,500	$1,004,310	$1,009,310
Intergovernmental – Commonwealth	3,684,394	3,721,609	4,355,871	4,373,766	4,389,934
Transfer from the General Fund	4,181,116	4,171,542	3,685,000	3,685,000	3,685,000
Total – Revenues	**$8,590,268**	**$8,553,539**	**$8,827,371**	**$9,063,076**	**$9,084,244**
Expenditures					
Medicaid Expenditures	$1,067,304	$1,104,049	$1,173,000	$1,718,620	$1,718,620
CSA Expenditures	6,604,164	6,420,218	8,048,500	7,492,880	7,492,880
Operating and Maintenance	69,571	58,580	80,000	90,000	94,500
Transfer to the General Fund	183,000	183,000	0	0	0
Total – Expenditures	**$7,924,039**	**$7,765,847**	**$9,301,500**	**$9,301,500**	**$9,306,000**
Estimated Ending Fund Balance	**$4,591,690**	**$5,379,382**	**$4,905,253**	**$4,666,829**	**$4,445,073**
Percent Change	17%	17%	-9%	-5%	-5%

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

Revenue and Expenditure History

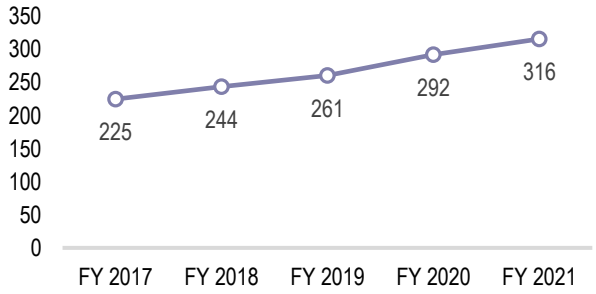


Revenue/Local Tax Funding
As shown, the CSA Fund is primarily funded by State revenue but receives a significant level of Local Tax Funding (LTF). LTF comprises 40% of the budget for the Fund. The FY 2020 budget leverages $238,424 of CSA Fund Balance to reduce the impact on LTF.

Expenditure
The majority of expenditures in the CSA Fund are for to the provision of services – 99 percent. These services are primarily driven by private day placements which comprise over $3 million of the $9.3 million budget for the fund.

The FY 2020 Adopted Budget for the CSA Fund remains at the same level reflected in the FY 2019 Adopted Budget – $9,301,500. The budget continues to leverage CSA fund balance to reduce the annual impact on local tax funding. Actual costs in FY 2018 were slightly lower than those of FY 2017, mostly attributable to improved efforts to divert children from CSA foster care services.

Key Measures



Measure: Number of children served.

The number of children served indicates the demand for services mandated to be provided under the Children's Services Act.

Policies

The CPMT is responsible for developing interagency policies and procedures to govern the provision of services to children and families in the community. The CPMT is also responsible for developing interagency fiscal policies governing access to CSA funds by the eligible populations including immediate access to funds for emergency services and shelter care. Additional responsibilities of the CPMT are outlined in Virginia Code.

County OPEB Trust Fund

In 2004, the Governmental Accounting Standards Board (GASB) 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" (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. In 2015, GASB issued Statement #75 (GASB # 75), Accounting and Financial Reporting for Post-Employment Benefits Other Than Pensions, which required the County to record a liability on the government-wide financial statements for its net OPEB liability.

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 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, and more recently, GASB # 75.

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 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. To better control the increasing cost of retiree health benefits and to mitigate future liabilities, LCPS and the 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.

The FY 2018 Adopted Budget included the same level of funding as FY 2017 with an annual contribution of $17,500,000 to the OPEB Trust; $12,000,000 for the LCPS and $5,500,000 for Loudoun County. LCPS's FY 2019 budget amount of $10,000,000, which was included in the LCPS Superintendent's FY 2019 Adopted Budget and represented a $2.0 million reduction from FY 2018, is projected to be included in future budgets for the near term. The School Board 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 2020 Adopted Budget includes an amount of $5,500,000 to be paid into the OPEB Trust, which, in addition to other OPEB Plan County contributions, represents a commitment to a full funding approach and will result in an ongoing annual reduction to the Net OPEB Obligation. This funding level is consistent with the amounts included in the FY 2018 and FY 2019 Adopted Budgets.

Contributions to the OPEB Trust Fund are anticipated to continue at FY 2019 and FY 2020 levels in FY 2021 and possibly future fiscal years.

County OPEB Trust Fund

Financial Summary

	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
County	$5,500,000	$5,500,000	$5,500,000	$5,500,000	$5,500,000
Schools	12,000,000	12,000,000	10,000,000	10,000,000	10,000,000
Total OPEB Contributions	**$17,500,000**	**$17,500,000**	**$15,500,000**	**$15,500,000**	**$15,500,000**

Policies

The County and LCPS participate in the Virginia Pooled OPEB Trust, administered by VML/VACo. Funds are pooled from participating jurisdictions and invested in the name of the Virginia Pooled OPEB Trust. The Board of Trustees of the Virginia Pooled OPEB Trust establishes investment objectives, risk tolerance, and asset allocation policies in light of market and economic conditions and generally prevailing prudent investment practices.

Effective January 1, 2013, cost-saving measures were implemented by the County. Employees were designated into groups based on years of service and/or age which determine their retiree health benefit eligibility. With the designation of groups the County's defined benefit OPEB plan is closed to new participants, and a defined contribution Retirement Health Savings Program ("RHSP") is used for new employees. Other cost saving measures including caps on employer cost sharing and a 10 percent aggregate cost shift to retirees were put into place to further mitigate future OPEB costs as well as to reduce the County's Annual Required Contribution. Employer contribution rates for retirees vary based on the designated group, type of retirement, years of service, plan type, and coverage level.

Dulles Industrial Park Water and Sewer Fund

The Board of Supervisors (Board) established the Dulles Industrial Park Water and Sewer District in 2006 as a service district pursuant to the Code of Virginia, Section 15.2, Chapter 24, in response to a landowner petition for the construction of water and sewer lines. The District consists of 24 properties located north of U.S. Route 50, near the Loudoun County-Fairfax County boundary. Utility improvements were constructed and operated by Loudoun Water.

The special assessment was negotiated on a per property basis as a fixed-dollar amount. The special assessment was estimated to generate $1,650,000 in revenue over ten years. On September 7, 2011, the Board adopted the "Ordinance Amending the Special Assessment to Fund Water and Sewer Improvements at Dulles Industrial Park Based on Final Project Costs," which lowered the assessment to $1,372,558. The final semi-annual payment on this debt was made in January 2017, and the final payment of all loan obligations was made in January 2018 pursuant to a budget adjustment. Consequently, the revenues and expenditures shown for FY 2019 and beyond are zero.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**
Revenues					
General Property Taxes	$73,307	$4,350	$0	$0	$0
Total – Revenues	**$73,307**	**$4,350**	**$0**	**$0**	**$0**
Expenditures					
Public Works	$73,307	$4,350	$0	$0	$0
Total – Expenditures	**$73,307**	**$4,350**	**$0**	**$0**	**$0**
Estimated Ending Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

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 (Board) in 1998 via Loudoun County Codified Ordinances § 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 the 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, the Fund is now included in the annual appropriation for the Adopted Budget.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**
Revenues					
General Property Taxes	$3,035,184	$3,037,042	$3,500,000	$3,500,000	$3,500,000
Total – Revenues	**$3,035,184**	**$3,037,042**	**$3,500,000**	**$3,500,000**	**$3,500,000**
Expenditures					
Community Development	$3,035,184	$3,037,042	$3,500,000	$3,500,000	$3,500,000
Total – Expenditures	**$3,035,184**	**$3,037,042**	**$3,500,000**	**$3,500,000**	**$3,500,000**
Estimated Ending Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

EMS Transport Fund

Adopted in FY 2014, Chapter 1097 of the Codified Ordinance of Loudoun County, VA established the Emergency Medical Services (EMS) Transport Reimbursement Program and Fund. The Fund was created as part of the FY 2015 Adopted Budget, and the Program became operational during FY 2016. Through the EMS Transport Reimbursement Program, "[A]ll patients and/or their financially responsible parties, insurers or carriers, will be billed for EMS transport provided by the system according to the Fee Schedule established herein, and shall be responsible for any co-payment or deductible amount not satisfied by public or private insurance."[1] The transport fee 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 distribution formula established under the ordinance that accounts for services provided by the respective agencies.

[1] Loudoun County Codified Ordinances, Chapter 1097.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$1,906,970**	**$5,235,145**	**$5,332,384**	**$6,694,755**	**$8,400,398**
Revenues					
Charges for Services	$5,050,531	$5,888,431	$4,800,000	$6,167,461	$6,301,136
Total – Revenues	**$5,050,531**	**$5,888,431**	**$4,800,000**	**$6,167,461**	**$6,301,136**
Expenditures					
Personnel	$298,876	$331,220	$721,561	$349,131	$359,605
Operating and Maintenance	2,833,861	3,018,449	2,573,283	3,693,200	3,730,132
Capital Outlay	0	25,092	142,785	0	0
Transfer to the General Fund[4]	0	0	0	419,487	432,072
Other Uses of Funds	200,000	903,289	0	0	0
Total – Expenditures	**$3,332,737**	**$4,278,050**	**$3,437,629**	**$4,461,818**	**$4,521,809**
Estimated Ending Fund Balance	**$3,624,764**	**$5,235,145**	**$6,694,755**	**$8,400,398**	**$10,179,725**
Percent Change	90%	44%	28%	25%	21%
Policy Mandated Reserves	**$429,449**	**$239,274**	**$340,593**	**$426,411**	**$444,832**
Available Fund Balance	**$3,195,316**	**$4,995,871**	**$6,354,163**	**$7,973,987**	**$9,734,894**
FTE[5]	**3.00**	**3.00**	**7.00**	**7.00**	**7.00**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

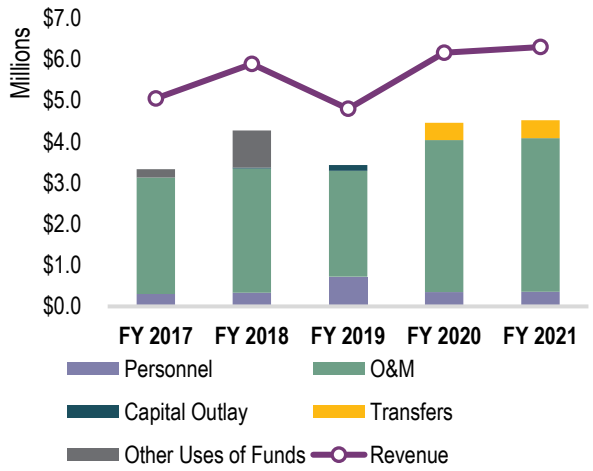
[3] Source: Loudoun County FY 2018 CAFR.

[4] Beginning in FY 2020, the EMS Transport Fund supports costs associated with the 4.00 FTE approved in the FY 2019 Adopted Budget through a transfer to the General Fund as opposed to direct expenditures of the EMS Transport Fund. These positions are identified in the Staffing/FTE History section on the next page.

[5] 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 FTE budgeted in this fund.

EMS Transport Fund

Revenue and Expenditure History



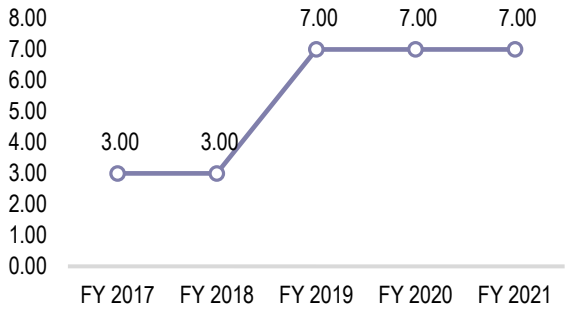
Revenue/Local Tax Funding

Increased revenues beginning in FY 2020 are based on actual revenue collections in prior years and anticipated County population growth. There is no local tax funding in the EMS Transport Fund.

Expenditure

The majority of EMS Transport Fund's expenditure budget is dedicated to operating and maintenance, which includes transfers to volunteer fire and rescue companies based on the revenue sharing formula. Other uses of funds includes transfers for EMS-related equipment.

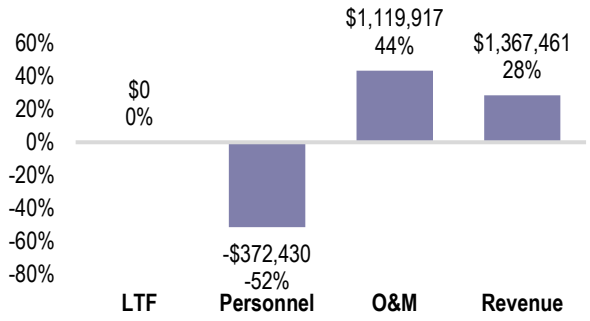
Staffing/FTE History



FY 2019: 2.00 FTE EMS supervisors, 1.00 FTE administrative assistant, 1.00 FTE EMS training officer

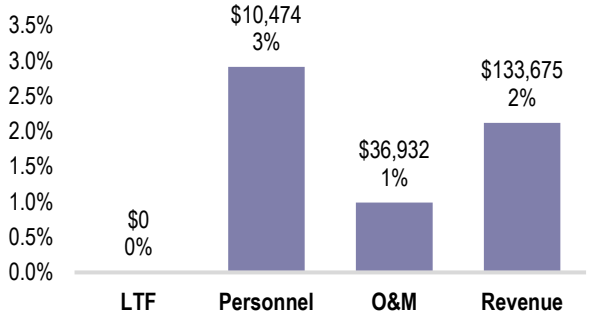
The FY 2020 Adopted Budget for the EMS Transport Fund reflects an increase of $1.3 million over the FY 2019 Adopted Budget. In September 2018, Loudoun County Fire and Rescue (LCFR) staff presented an overview of the EMS cost recovery program to the Finance/Government Operations and Economic Development Committee. This update included revenue projections, which are a reflection of estimated increases in population growth and parallel EMS claims in 2020 and beyond. These additional revenues will support LCFR and volunteer fire and rescue companies in the provision of EMS services. In addition, EMS Transport Fund revenues enable the Loudoun County Combined Fire and Rescue System (LC-CFRS) to purchase and replace equipment without the need for additional local tax funding. The FY 2020 Adopted Budget includes a transfer to the General Fund to support the costs associated with the 4.00 FTE approved in the FY 2019 Adopted Budget.

Percent Change from Adopted FY 2019 to Adopted FY 2020



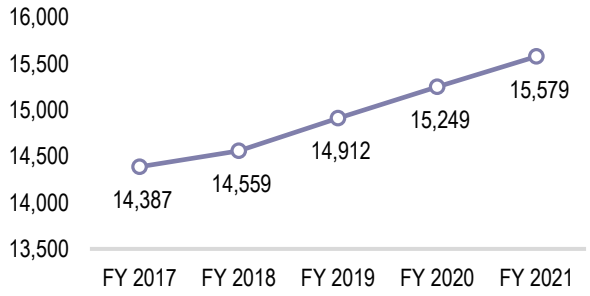
Reasons for Change:
Personnel: ↓ moved budget for 4.00 FTE added in FY 2019 to a transfer account **|| O&M:** ↑ increased for additional revenues **|| Revenue:** ↑ increasing fee revenues

Percent Change from Adopted FY 2020 to Projected FY 2021



Reasons for Change:
Personnel: ↑ 3 percent **|| O&M:** ↑ 1 percent **|| Revenue:** ↑

Key Measures



Objective: Collect revenue from the EMS transport cost recovery program to support LC-CFRS operations, including distributions to volunteer companies.

Measure: Number of claims processed.

The number EMS claims processed has steadily increased, thus revenue and expenditures increase accordingly.

Policies

Fees established by the Board of Supervisors (Board) for LC-CFRS EMS transports may be adjusted annually in accordance with the federally approved Medicare fee schedule and/or the Consumer Price Index (CPI), as recommended by the County Administrator in the annual budget proposal to the Board. Any change to the fee schedule shall be approved by the Board and included in the adopted appropriation. The applicable CPI used must be certified by the County Treasurer. No change is recommended for FY 2020.

EMS Transport Fund

FY 2020 Adopted Rate Schedule

	Type	Rate
Service Reimbursement	Basic Life Support, Emergency	$467
	Advanced Life Support, Level 1	$660
	Advanced Life Support, Level 2	$770
Mileage Reimbursement	Per Mile Traveled (applies to all types of service)	$11

Policy Information (Excerpts)

The EMS Transport Reimbursement Program was established as a Chapter of the Codified Ordinance of Loudoun County in January 2014. The ordinance identifies the procedures for EMS transport reimbursement, and the administration of the EMS Transport Reimbursement Program and revenue sharing procedure. The EMS Transport Fund is a special revenue fund through which all of the revenue yielded from the EMS Transport Reimbursement Program will be appropriated. The administrative costs, contractual requirements, and other necessary costs associated with conducting the Program are derived directly from the EMS Transport Reimbursement revenue and are paid first prior to any distribution. As a result, no local tax revenues are to be used to fund any EMS Transport Reimbursement efforts. The net revenue is distributed to the respective volunteer companies and LCFR according to a revenue sharing formula reflecting each agency's role in EMS transport services provided. In addition, 25 percent of the net revenue is retained as fund balance to maintain the County provided infrastructure of LC-CFRS.

Revenue Sharing Formula

Service Provided by Type	Percentage Share
Apparatus (Transport Vehicle) Ownership	20%
Station Ownership	20%
EMS Provider for Highest Level of Treatment	25%
County-Provided Infrastructure	25%
First Responder (Units Assigned to First Response)	10%

Greenlea Tax District Fund

In the 2008 Special Session, the Virginia General Assembly amended §15.2-2404 of the Code of Virginia to authorize 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 (Board) 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 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 financed completely by the Greenlea Homeowners Association II in conjunction with a private lender. The County pays the proceeds from 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 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 6 percent interest per year. The 19 properties in the community will be taxed equally and will pay the assessment in semi-annual payments.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$1,159**	**$0**	**$1,159**	**$1,159**	**$1,159**
Revenues					
General Property Taxes	$37,507	$55,391	$44,038	$44,038	$44,038
Total – Revenues	**$37,507**	**$55,391**	**$44,038**	**$44,038**	**$44,038**
Expenditures					
Public Works	$38,666	$54,232	$44,038	$44,038	$44,038
Total – Expenditures	**$38,666**	**$54,232**	**$44,038**	**$44,038**	**$44,038**
Estimated Ending Fund Balance	**$0**	**$1,159**	**$1,159**	**$1,159**	**$1,159**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

Housing Fund

The Housing Fund, managed by the Department of Family Services, was established in August 1997 for the purpose of promoting and funding affordable housing in Loudoun County. One of the largest components of the Housing Fund is the Loudoun County Housing Trust.

The Housing Trust Agreement, last revised in July 2017, identifies the permitted sources and uses for the Trust which is targeted to households with incomes between 30 and 70 percent of Area Median Income (AMI). Sources (revenues) include cash proceeds received as the result of a fair market value sale of an Affordable Dwelling Unit (ADU) in accordance with Chapter 1450 of the County Codified Ordinance, cash contributions paid by developers as consideration for ADU Program modifications granted by the Board of Supervisors (Board) pursuant to Article 7 of the Zoning Ordinance, cash received from any source for the purpose of furthering the provision of ADUs in Loudoun County, and any other funds designated by the Board for the Trust. Expenditures (uses) involve a variety of County programs and initiatives including the Down Payment and Closing Cost Assistance Program, the Public Employee Grants for Homeownership Program, the ADU Foreclosure Purchase Program, the ADU Purchase Program, and loans to help finance the development of Affordable Housing Units in excess of the number of units required by Article 7 of the Zoning Ordinance as long as these programs meet the income eligibility requirements established by the Zoning Ordinance.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$31,272,276**	**$32,938,347**	**$35,866,904**	**$35,866,904**	**$35,866,904**
Revenues					
Use of Money and Property	$341,769	$391,776	$0	$0	$0
Miscellaneous Revenue	1,440,654	2,738,961	5,000,000	5,000,000	5,000,000
Recovered Costs	161	349	0	0	0
Total – Revenues	**$1,782,584**	**$3,131,086**	**$5,000,000**	**$5,000,000**	**$5,000,000**
Expenditures					
Operating and Maintenance	$116,513	$182,529	$5,000,000	$5,000,000	$5,000,000
Total – Expenditures	**$116,513**	**$182,529**	**$5,000,000**	**$5,000,000**	**$5,000,000**
Estimated Ending Fund Balance	**$32,938,347**	**$35,886,904**	**$35,866,904**	**$35,866,904**	**$35,866,904**
Percent Change	5%	9%	0%	0%	0%
Unavailable Fund Balance[4]	**$4,100,000**	**$6,560,000**	**$14,335,000**	**$14,335,000**	**$14,335,000**
Available Fund Balance	**$28,838,347**	**$29,306,904**	**$21,531,904**	**$21,531,904**	**$21,531,904**

The FY 2020 Adopted Budget for the Housing Fund remains at the same level reflected in the FY 2019 Adopted Budget – $5 million.

Unavailable Fund Balance reflects loans that have been approved by the Board but that had not yet been disbursed as of the end of the respective fiscal year. A summary of the projects for which funds have been reserved is provided below along with the amount of the application for each. Actual amounts disbursed could vary based on actions taken by the Board.

Project	Application Amount
Heronview	$1,100,000
Stone Springs	3,000,000
Ashburn Chase	2,460,000
Poland Hill	1,800,000
Mt. Sterling	5,975,000

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

[4] Unavailable Fund Balance includes loans to developers that have been approved by the Board but not yet disbursed. Future amounts will be determined on an annual basis by the Board as part of the Affordable Multi-Family Housing Loan program.

Housing Fund

Policies

There are no policies in place for the Housing Fund as a whole, however, the County of Loudoun Housing Trust – a component of the Housing Fund – is regulated by the Trust Agreement. The Housing Trust was last amended in July 2017 to authorize loans from the Trust to be used to help finance Affordable Housing Units, to establish the minimum requirements for Affordable Housing Units, and to update the recital and make other non-substantive clarifying edits to the twenty-year old trust. These changes also align the Trust agreement with the amendments to Article 7 of the Zoning Ordinance that allow for Affordable Housing Units to be substituted for ADUs when a project verifies that it is financed with either the Low Income Housing Tax Credit (LIHTC) Program or the U.S. Department of Housing and Urban Development (HUD) 221 (d) 4 Affordable Program. Substituting affordable housing units that are funded either with LIHTC or HUD 221 (d) 4 Affordable programs eliminates the 30 percent AMI limitation on the lower end of income limits.

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1757

Legal Resource Center Fund (Law Library)

The Legal Resource Center Fund's (Law Library's) mission is to provide resources and reference services that address the legal information needs of the general public, Loudoun County government, court personnel, attorneys, and the local prison population. The Law Library, which is located in the Loudoun County Courts Complex, provides a collection of legal materials and electronic resources that are not generally available elsewhere in the County. The Fund's full-time legal resources specialist orders, shelves, and updates materials. The Law Library is open from 8:00 a.m. to 4:00 p.m. weekdays. During these hours, the legal resources specialist provides reference service, bibliographic instruction, copier service, online access, library cards, notary public service, etc. Attorneys and court personnel can also access the collection at other times if needed. The legal resources specialist responds to patrons' requests received in person, by telephone, and via email as well as to prisoner requests submitted by the Loudoun County Sheriff's Office.

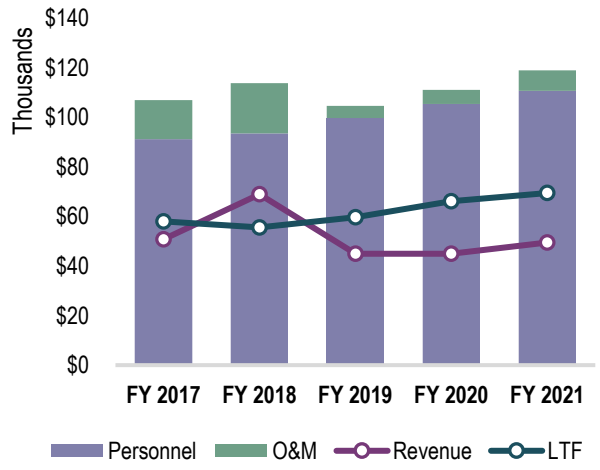
The Department of Library Services manages the Legal Resource Center Fund and the legal resources specialist.[1] Other Library Services staff provide assistance at the Law Library when the legal resources specialist is unavailable. In FY 2018, Library Services expanded the availability of legal resources throughout the County by providing access to Westlaw, a specialized online legal resource, at all library locations.

[1] In FY 2017, the Law Library was transferred from the Clerk of the Circuit Court's Office to Library Services, so its resources could have a greater impact on the community.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$7,488**	**$9,370**	**$20,078**	**$20,078**	**$20,078**
Revenues					
Charges for Services	$50,820	$54,025	$44,980	$44,980	$49,478
Gifts and Donations	0	14,950	0	0	0
Transfers from Other Funds	58,065	55,612	59,739	66,170	69,476
Total – Revenues	**$108,885**	**$124,587**	**$104,719**	**$111,150**	**$118,954**
Expenditures					
Personnel	$91,192	$93,599	$99,719	$105,478	$110,752
Operating and Maintenance	15,811	20,279	5,000	5,672	8,202
Total – Expenditures	**$107,003**	**$113,879**	**$104,719**	**$111,150**	**$118,954**
Estimated Ending Fund Balance	**$9,370**	**$20,078**	**$20,078**	**$20,078**	**$20,078**
Percent Change	25%	114%	0%	0%	0%
FTE	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Revenue and Expenditure History



Revenue/Local Tax Funding
The Law Library's funding sources are charges for services, which relate to revenue collections by the Clerk of the Circuit Court and the Clerk of the General District Court, donations, and a transfer from the General Fund (local tax funding).

Expenditure
The majority of the Law Library's expenditure budget is dedicated to personnel costs.

As reflected in the table above, a transfer from the General Fund to the Legal Resource Center Fund is included in the budget to address projected shortfalls in the Law Library's revenue. It is anticipated that expenditures in this fund will continue to be higher than projected revenues and will necessitate additional transfers from the General Fund. In FY 2017 and FY 2018, the

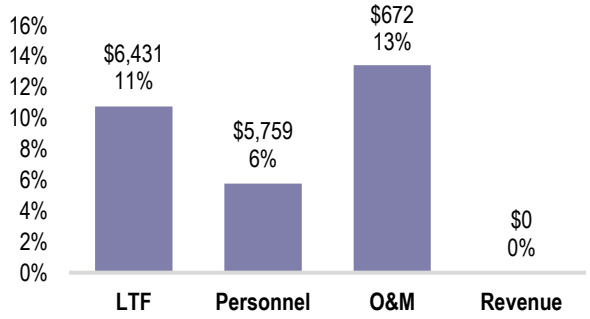
[1] Sums may not equal due to rounding.
[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).
[3] Source: Loudoun County FY 2018 CAFR.

Legal Resource Center Fund (Law Library)

Law Library's actual revenue for charges for services exceeded the budget amount, generating fund balance. That is projected to also occur in FY 2019. The Law Library's available fund balance could be used to help with the future balancing of the Fund's revenues and expenditures.

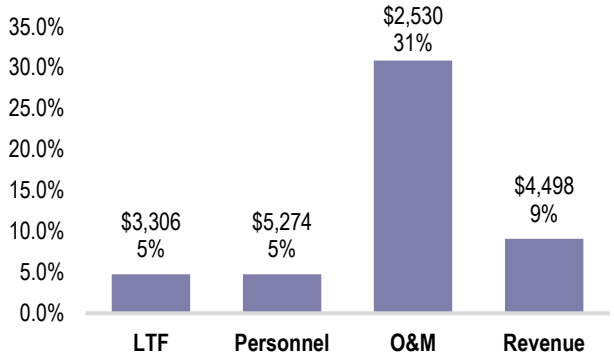
During FY 2017, the Department of Library Services transferred funds from its General Fund operating budget to the Legal Resource Center Fund to help cover actual expenditures since the Fund's revenues were not sufficient. Periodically, the Loudoun Bar Association donates funds to the Law Library Fund to help cover operational expenditures.

Percent Change from Adopted FY 2019 to Adopted FY 2020



Reasons for Change:
Personnel: ↑ market adjustment and merit increase for employee pay **|| O&M:** ↑ increased central service expenditures **|| Revenue:** ↔

Percent Change from Adopted FY 2020 to Projected FY 2021



Reasons for Change:
Personnel: ↑ 5 percent for employee pay increases **|| O&M:** ↑ 31 percent to more closely match the budget with projected expenditures **|| Revenue:** ↑ 9 percent revenue growth projected

Major Equipment Replacement Fund

The Major Equipment Replacement Fund allows for the scheduled and emergency replacement of major operational equipment over $5,000 in value. The Fund was operationalized in FY 2018 through General Fund Balance appropriations and replenished during the FY 2019 budget adoption. Prior to this, the County funded replacement of capital equipment on an as-needed basis through either allocation of local tax funding in the General Fund or through mid-year use of General Fund balance.

Revenues, Expenditures, and Changes in Fund Balance

	FY 2017 Actual[1]	FY 2018 Actual	FY 2019 Estimated	FY 2020 Estimated	FY 2021 Projected
Beginning Fund Balance	**$3,157,584**	**$5,116,167[2]**	**$6,844,114**	**$3,445,293**	**$3,426,083**
Revenues					
Transfer from the General Fund	$4,000,000	$6,800,000	$4,000,000	$4,000,000	$4,000,000
Total – Revenues	**$4,000,000**	**$6,800,000**	**$4,000,000**	**$4,000,000**	**$4,000,000**
Expenditures					
Planned Replacement	$800,400	$587,590	$4,898,821[3]	$2,019,210	$1,637,150
Emergency Replacement	0	0	1,000,000	1,000,000	1,000,000
Future Replacement Reserve	0	0	1,500,000	1,000,000	1,000,000
Transfer to the Capital Fund[4]	1,241,017	4,484,463	0	0	0
Total – Expenditures	**$2,041,417**	**$5,072,053**	**$7,398,821**	**$4,019,210**	**$3,637,150**
Estimated Ending Fund Balance	**$5,116,167**	**$6,844,114**	**$3,445,293**	**$3,426,083**	**$3,788,933**

The FY 2020 Adopted Budget appropriates $4,000,000 in local tax funding to the Major Equipment Replacement Fund to allow for replacement of select major equipment. Planned replacement needs for FY 2020 are estimated at $2,019,210.

Expenditures also include maintaining $1,000,000 in contingency funds for unplanned or emergency replacement needs. The FY 2020 Adopted Budget also includes $1,000,000 to add to a reserve for the fund to accommodate above-average expenditures that are projected to occur in future years. In addition, the fund maintains a year-end fund balance for other uses, such as funding the replacement of County equipment that has increased in value above the $5,000 threshold.

For the FY 2020 Adopted Budget, planned expenditures are based on an asset replacement schedule developed by an independent consultant. The schedule identifies planned equipment replacements and the estimated cost for replacement over a 20-year period. Staff continually evaluates the asset replacement schedule to include additional assets and new equipment placed into service and will monitor and update funding and expenditure needs for the fund as more data becomes available.

[1] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[2] Source: Loudoun County FY 2018 CAFR.

[3] FY 2019 estimated planned replacement expenditures include replacements approved in FY 2018 and FY 2019 but not expended as of June 30, 2018.

[4] Transfers from Major Equipment Replacement Fund to the Capital Fund provided for major equipment purchases associated public radio systems, mobile radios, and self-contained breathing apparatus.

Metro Parking Garages Fund

The Metro Parking Garages Fund is being created in FY 2020 to manage the operations of the County-owned Metro Parking Garages, located at the Loudoun Gateway and Ashburn Stations. The Department of General Services will administer this fund. Since revenue service of Phase Two of the Dulles Corridor Metrorail Project is not anticipated to begin until FY 2021, the first year of operations will be funded by a transfer from the Transportation District Fund (TDF), consisting of local gasoline tax. Subsequent years will be funded with revenues generated from parking garage operations. This fund will provide resources for day-to-day operations, preventative, and long-term maintenance.

Revenues, Expenditures, and Changes in Fund Balance[1]

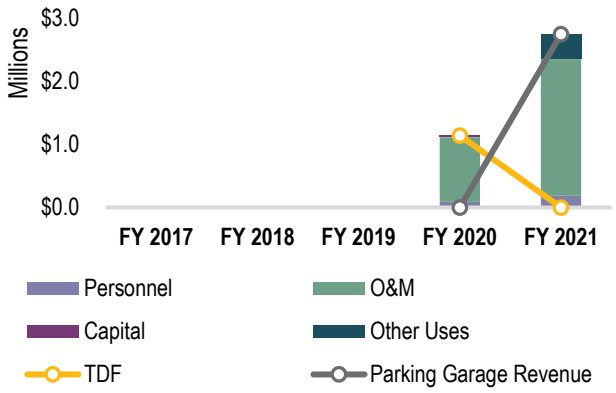
	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**
Revenues					
Parking Garage Revenue	$0	$0	$0	$0	$2,753,993
Transfer from Transportation District Fund	0	0	0	1,145,850	0
Total – Revenues	**$0**	**$0**	**$0**	**$1,145,850**	**$2,753,993**
Expenditures					
Personnel	$0	$0	$0	$93,118	$186,236
Operating and Maintenance	0	0	0	1,024,832	2,171,334
Capital Outlay	0	0	0	27,900	0
Other Uses of Funds	0	0	0	0	396,423
Total – Expenditures	**$0**	**$0**	**$0**	**$1,145,850**	**$2,753,993**
Estimated Ending Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**
Percent Change	0%	0%	0%	0%	0%
FTE[2]	**0**	**0**	**0**	**1.00**	**2.00**

[1] Sums may not equal due to rounding.

[2] The personnel expenses associated with one staff member are budgeted in this fund. One position (1.00 FTE) is also located in this fund.

Metro Parking Garages Fund

Revenue and Expenditure History



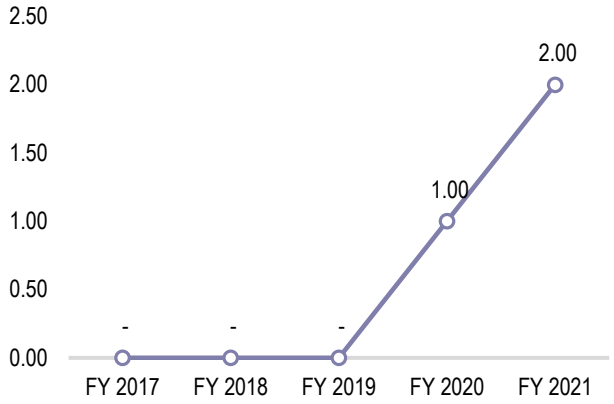
Revenue/Local Tax Funding

As shown, the Metro Parking Garages Fund will be funded by a transfer from the TDF in FY 2020 and will be funded by parking garage revenue beginning in FY 2021. Currently, the utilization of local tax funding is not anticipated in FY 2021.

Expenditure

The majority (89 percent) of the expenditures in the Metro Parking Garages Fund are dedicated to operating and maintenance costs, primarily to fund daily operations.

Staffing/FTE History



FY 2020: 1.00 FTE contract manager.

The Metro Parking Garages Fund is new for the FY 2020 Adopted Budget. In FY 2018, the Board endorsed a hybrid option to manage the garages. This option involves a minimal County staff presence and a primary contract for the day-to-day management of the garages. The majority of expenditures budgeted in this fund are operating and maintenance costs, primarily to cover the cost of the operations contract, utilities, and ancillary contracts. Personnel costs comprise about eight percent of total expenditures. In FY 2020, the TDF will provide revenues for operation, in the form of local gasoline tax, to operate the fund. In FY 2021, when Metrorail begins service in Loudoun, revenue from the garages is expected to fund much of the operations.

In the fall of FY 2020, the garages are expected to open, while Metrorail service is not anticipated to begin prior to July 2020. This provides an interim year where an operations and safety presence is needed, but the full scope of the operations contract is not. In FY 2020, the primary driver of expenditures will be an interim contract for operations. This contract will provide basic day-to-day management services to the garages, including light staffing for janitorial, general patron assistance, and onsite safety for patrons as determined necessary by the facilities interim uses. In FY 2021, when Metrorail opens and revenue service begins, this contract will be expanded to provide parking ambassador services, routine and preventative maintenance, and full building and property management services.

Metro Parking Garages Fund

The FY 2020 Adopted Budget includes one contract manager (1.00 FTE) to manage the operational and ancillary contracts. It is anticipated that in FY 2021, there will be a need for an additional County staff to serve as a parking operations manager. This position will oversee daily operations and monitor customer service and responsiveness to issues.

Capital Facility Openings

The FY 2020 Adopted Budget includes one contract manager position (1.00 FTE) for the Metro Parking Garages, which are scheduled to open in early FY 2020. This position is needed to effectively manage the parking garage contracts. This position will be responsible for managing the primary contract that will operate the garages, including the interim contract for the year between the garages opening and the start of revenue service in early FY 2021. Additionally, this position will oversee the fee revenue collection contract, and any other operating contracts associated with the parking garages and parking management systems, including operation and maintenance contracts, revenue collection contracts, future street parking contracts, and ensuring continuity of operations with the Washington Metropolitan Area Transit Authority, the Metropolitan Washington Airports Authority, Comstock, and other partners.

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1757

Public Facilities Fund

Developer contributions, also known as proffers, provide resources that assist in providing capital facilities in the Capital Improvement Program (CIP) to help offset the future impact of development. Proffers can be cash contributions, dedicated land, or in-kind services that are voluntarily granted to the County to partially offset future capital facility costs associated with specific developments. Proffer contributions are typically obtained through a rezoning or a change in the planned land use. When a developer is granted a rezoning that changes the land use from commercial to residential or that increases the density of existing residential uses, those new housing units generate a need for County services and capital facilities such as schools, parks, libraries, and public safety facilities.

The County maintains an inventory of all types of proffers. Cash proffers accrue to the Public Facilities Fund. As allowed in §15.2-2299 of the Code of Virginia, the Zoning Administrator is vested with all necessary authority to administer and enforce proffers and, per statute, adjudicates the eligibility of proffers for public facility uses.

FY 2019 – FY 2024 Public Facilities Fund

The FY 2019 – FY 2024 plan for the Public Facilities Fund plans for the use of $49,243,625 in cash proffers to fund capital improvement projects in the six-year CIP. While the plan for the Public Facilities Fund covers a period of six years to align with the six-year CIP, only one year is included in the annual budget appropriation. For the FY 2019 – FY 2024 Public Facilities Fund, only those amounts for FY 2020 are included in the FY 2020 Proposed Budget.

Planned Proffer Expenditures[1]

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	6-Year Total
Revenues							
Cash Proffers	$20,695,188	$17,081,629	$7,485,545	$3,369,064	$0	$0	$48,631,425
Cash Proffer Interest	$428,200	$184,000	$0	$0	$0	$0	$612,200
Total – Revenues	**$21,123,388**	**$17,265,629**	**$7,485,545**	**$3,369,064**	**$0**	**$0**	**$49,243,625**
Expenditures							
General Government	$243,200	$184,000	$0	$0	$0	$0	$427,200
Parks and Culture	$18,316,304	$9,839,000	$3,320,000	$0	$0	$0	$31,475,304
Roads and Sidewalks	$2,063,884	$7,242,629	$4,165,545	$3,369,064	$0	$0	$16,841,121
Transit	$500,000	$0	$0	$0	$0	$0	$500,000
Total – Expenditure	**$21,123,388**	**$17,265,628.59**	**$7,485,545**	**$3,369,064**	**$0**	**$0**	**$49,243,625**

Proffers are legally restricted for use in compliance with the conditions applied to the proffer. The County's internal Proffer Management Team reviews approved proffers and conditions to determine whether they are in compliance. The Proposed FY 2020 cash proffer uses obtained proffer determinations from the Loudoun County Zoning Administrator verifying that the uses are appropriate to the intent of the original proffer statements provided by the proffer contributors.

[1] Sums may not equal due to rounding.

FY 2019 Public Facilities Fund

Arcola Boulevard

ZMAP	Development	SEQ#	Amount
ZMAP-2006-0007	GLASCOCK FIELD AT STONE RIDGE	99071137	$375,210.26
Total			**$375,210.26**

Ashburn Senior Center

ZMAP	Development	SEQ#	Amount
ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITY	99067825	$1,200,000.00
Total			**$1,200,000.00**

Brambleton Library

ZMAP	Development	SEQ#	Amount
ZMAP-2012-0012	STONE RIDGE EAST	99074960	$680,000.00
Total			**$680,000.00**

Crosstrail Boulevard

ZMAP	Development	SEQ#	Amount
ZMAP-2012-0021	CROSSTRAIL COMMERCIAL CENTER	99075396	$250,000.00
ZMAP-2002-0002	EVERGREEN RURAL VILLAGE	99066330	1,438,674.00
Total			**$1,688,674.00**

Hal and Berni Hanson Regional Park

ZMAP	Development	SEQ#	Amount
ZMAP-2005-0001	SEVEN HILLS	99066992	$4,564,780.03
ZMAP-2002-0001	KIRKPATRICK WEST	99066954	681,918.02
ZMAP-2011-0004	CARDINE TORRIS	99073555	523,728.35
ZMAP-2002-0003	C D SMITH	99066684	519,352.92
ZMAP-2004-0022	DAWSONS CORNER	99066972	408,968.79
ZMAP-1994-0017	STONE RIDGE	99075440	43,392.29
ZMAP-2005-0003	EAST GATE THREE	99066965	203,744.28
ZMAP-2012-0020	EVERMONT TRACE	99074059	3,274,767.86
ZMAP-2013-0007	STONE RIDGE EAST II	99076403	2,241,182.02
ZMAP-2005-0013	MARBURY	99067422	2,338,010.74
Total			**$14,799,845.30**

Potomac Lakes Sportsplex Improvements

ZMAP	Development	SEQ#	Amount
ZCPA-2012-0005	CASCADES SECTION 12 - MIDDLEFIELD DRIVE	99075036	$1,451,458.56
Total			**$1,451,458.56**

Public Facilities Fund

Town of Hillsboro –Old Stone School/Town Hall

ZMAP	Development	SEQ#	Amount
n/a	CASH PROFFER INTEREST		$243,200.00
Total			**$243,200.00**

Town of Round Hill – Sleeter Lake Park

ZMAP	Development	SEQ#	Amount
n/a	CASH PROFFER INTEREST		$185,000.00
Total			**$185,000.00**

Transit Buses

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0020	EAST GATE ONE	99066962	$11,440.89
ZMAP-2002-0011	LOUDOUN VALLEY ESTATES II	99065673	124,213.33
ZMAP-2005-0001	SEVEN HILLS	99066991	364,345.78
Total			**$500,000.00**

FY 2019 Total: $21,123,388.12

FY 2020 Public Facilities Fund

Braddock Road – Royal Hunter Drive to Paul VI East Entrance

ZMAP	Development	SEQ#	Amount
ZCOR-2019-0051	LOUDOOUN COUNTY PUBLIC SCHOOLS (MS-5)	99070118	$1,000,000.00
Total			**$1,000,000.00**

Brambleton Library

ZMAP	Development	SEQ#	Amount
ZMAP-2012-0012	STONE RIDGE EAST	99074960	$4,961,510.00
ZMAP-1993-0005	BRAMBLETON (1)	99064107	70,000.00
ZMAP-2012-0009	AVONLEA RESERVE	99073644	2,707,857.00
ZMAP-2013-0010	GLASCOCK FIELD	99075676	2,099,633.00
Total			**$9,839,000.00**

Dulles West Boulevard (Dulles Landing Drive to Arcola Boulevard)

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0016	DULLES LANDING	99069627	$2,514,000.00
Total			**$2,514,000.00**

Northstar Boulevard (Shreveport Road to Route 50)

ZMAP	Development	SEQ#	Amount
ZMAP-2003-0007	GRAHAM FLYNN BIGGERS PROPERTIES	99065968	$961,531.96
ZMAP-2012-0013	BRAMBLETON LANDBAYS 1, 3, & 5	99075181	729,000.00
ZMAP-1993-0005	BRAMBLETON (1)	99064010	625,539.94
ZMAP-2013-0002	BRAMBLETON ACTIVE ADULT	99078352	392,103.64
ZMAP-2011-0004	CARDINE TORRIS	99073560	368,521.70
ZMAP-2013-0002	BRAMBLETON ACTIVE ADULT	99078354	239,249.71
ZMAP-2013-0002	BRAMBELTON ACTIVE ADULT	99078353	81,411.12
ZMAP-2012-0020	EVERMONT TRACE	99074071	72,270.52
Total			**$3,469,628.59**

Route 50 Corridor Improvements

ZMAP	Development	SEQ#	Amount
ZCPA-2009-0010	TOWNES AT EAST GATE AMENDMENT	99070367	$259,000.00
Total			**$259,000.00**

Town of Hillsboro –Old Stone School/Town Hall

ZMAP	Development	SEQ#	Amount
n/a	CASH PROFFER INTEREST		$184,000.00
Total			**$184,000.00**

FY 2020 Total: $17,265,628.59

FY 2021 Public Facilities Fund

Ashburn Recreation and Community Center

ZMAP	Development	SEQ#	Amount
ZMAP-2005-0026	ERICKSON RETIREMENT COMMUNITY	99067825	$330,908.10
ZMAP-2013-0013	OLD RYAN ROAD	99074038	1,148,441.28
ZCPA-2012-0003	GOOSE CREEK PRESERVE	99073904	197,203.50
ZCPA-2012-0010	ASHBURN KNOLLS	99075080	585,497.22
ZMAP-2005-0019	BELMONT ESTATES	99071228	259,210.34
ZCPA-2009-0007	BELMONT GLEN VILLAGE	99072299	28,339.19
ZMAP-2002-0016	ONE LOUDOUN CENTER	99068595	148,693.86
ZMAP-2014-0002	ASHBURN OVERLOOK	99075137	531,077.11
ZMAP-2008-0007	FAIRFIELD AT RYANS CORNER	99070352	90,629.40
Total			**$3,320,000.00**

Braddock Road – Royal Hunter Drive to Paul VI East Entrance

ZMAP	Development	SEQ#	Amount
ZCPA 2016-0005	PAUL VI CATHOLIC HIGH	99076627	$1,500,000.00
Total			**$1,500,000.00**

Public Facilities Fund

Farmwell Road (Intersection Improvements / Smith Switch to Ashburn Road)

ZMAP	Development	SEQ#	Amount
ZCPA-2012-0010	ASHBURN KNOLLS	99075089	$103,133.49
ZRTD-2015-0003	ASHBURN NORTH - EQUINIX	99075895	81,922.50
ZRTD-2011-0007	BEAUMEADE NORTH PARCEL C	99073041	81,922.50
ZMAP-2005-0019	BELMONT ESTATES	99071231	301,644.00
ZMA-2011-0006	DIGITAL LOUDOUN	99073027	54,450.00
ZMAP-2003-0006	LANSDOWNE VILLAGE GREENS	99066403	111,644.36
ZMAP-2002-0005	LOUDOUN STATION	99078482	121,900.00
ZMAP-2014-0007	PARTLOW PROPERTY	99075352	68,046.00
Total			**$924,662.85**

Croson Lane Widening (Claiborne to Mooreview Parkway)

ZMAP	Development	SEQ#	Amount
ZMAP-2004-0017	STATION VIEW	99067350	$310,273.24
ZMAP-1998-0003	WORLDCOM/UUNET	99061932	1,430,608.71
Total			**$1,740,881.95**

FY 2021 Total: $7,485,545.00

FY 2022 Public Facilities Fund

Northstar Boulevard (Tall Cedars to Braddock)

ZMAP	Development	SEQ#	Amount
ZMAP-2006-0007	GLASCOCK FIELD AT STONE RIDGE	99071137	$488,226.48
ZMAP-2001-0010	SOUTH RIDING STATION	99066364	1,455,404.02
ZMAP-2012-0012	STONE RIDGE EAST	99074957	836,800.00
ZMAP-2013-0007	STONE RIDGE EAST II	99076401	395,878.79
ZMAP-1999-0006	EAST RIDING ESTATES	99063787	87,123.52
ZMAP-2000-0008	DEAN PROPERTY	99065413	105,630.72
Total			**$3,369,063.53**

FY 2022 Total: $3,369,063.53

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Rental Assistance Program Fund

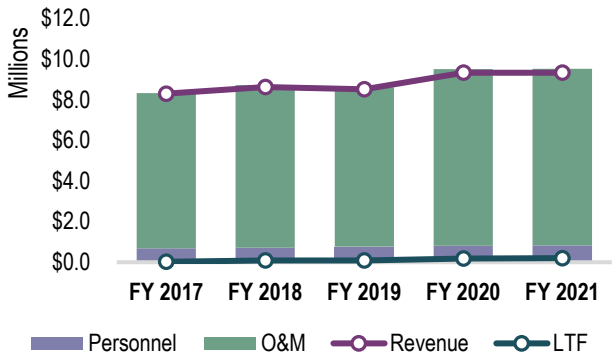
The Rental Assistance Program Fund, managed by the Department of Family Services, accounts for the U.S. Department of Housing and Urban Development (HUD) programs including the Housing Choice Voucher (HCV) program, the Veterans Affairs Supportive Housing (VASH) program, and the Family Unification Program (FUP). HCV assists very low-income families, the elderly, and persons with disabilities to afford decent, safe, and sanitary housing in the private market. VASH combines rental assistance for homeless veterans and their families with case management and clinical services provided by the Department of Veterans Affairs at its medical centers and in the community. FUP provides housing assistance to families involved in the child welfare system and youth ages 18 to 21 who have aged out of foster care.

Participants are free to choose any housing that meets the requirement of the program and are not limited to units located in subsidized housing projects; however, it is the family's responsibility to find a unit where the owner agrees to rent under the guidelines established for the HCV program. Housing subsidies are paid by the County directly to the landlord; participants are responsible for paying the difference between the actual rent charged and the subsidy.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$0**	**$0**	**$0**	**$0**	**$0**
Revenues					
Use of Money and Property	$763	$2,006	$1,501	$1,501	$1,501
Miscellaneous Revenue	3,654	13,547	12,500	12,500	12,500
Recovered Costs	95,343	406,201	265,000	700,000	700,000
Intergovernmental – Federal	8,197,268	8,206,195	8,238,776	8,612,876	8,612,876
Transfer from the General Fund	23,363	88,142	86,468	177,390	201,591
Total – Revenue	**$8,320,392**	**$8,716,092**	**$8,604,245**	**$9,504,288**	**$9,528,489**
Expenditures					
Rental and Utility Assistance	$7,621,658	$7,979,858	$7,819,501	$8,672,584	$8,697,584
Administration	698,734	736,234	784,744	831,704	855,905
Total – Expenditure	**$8,320,392**	**$8,716,092**	**$8,604,245**	**$9,504,288**	**$9,528,489**
Estimated Ending Fund Balance[4]	**$0**	**$0**	**$0**	**$0**	**$0**
Percent Change	0%	0%	0%	0%	0%
FTE	**9.00**	**9.00**	**9.00**	**9.00**	**9.00**

Revenue and Expenditure History



Revenue/Local Tax Funding

As shown, the Rental Assistance Program Fund is primarily funded by program-generated revenues, receiving less than 2 percent of its budget from local tax funding.

Expenditure

The majority of the expenditures in the Rental Assistance Program Fund are dedicated to rent subsidies. FY 2020 includes the addition of Port-Ins vouchers, VASH vouchers, and FUP vouchers.

[1] Sums may not equal due to rounding.

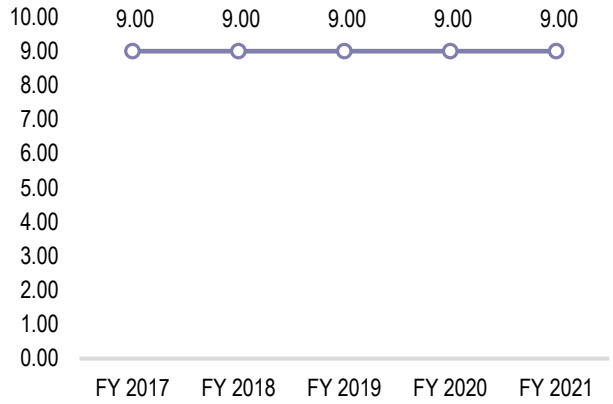
[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

[4] The Rental Assistance Program Fund does not maintain a fund balance. The HCV Program is an advance-funded program, meaning revenues are received before expenditures are incurred. Any unspent funds at the end of a fiscal year are classified as unearned revenues.

Rental Assistance Program Fund

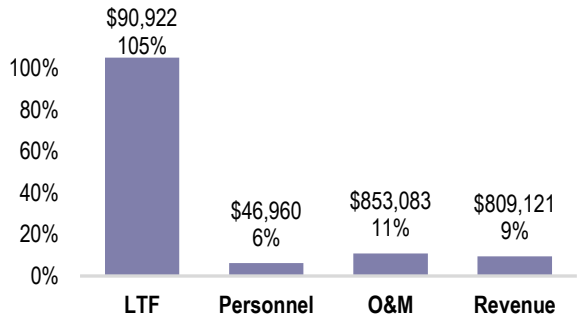
Staffing/FTE History



The FY 2020 Adopted Budget for the Rental Assistance Program Fund includes approximately $880,000 in base budget adjustments to incorporate new vouchers and adjust subsidies for existing vouchers. Mainstream and project-based vouchers were increased $250,000. As noted, there are new vouchers included in the FY 2020 budget. In FY 2019, Loudoun County was approved for up to five VASH vouchers and up to ten FUP vouchers. These two new programs account for approximately $200,000 in additional federal revenues. The County also has seen an increase in the number of Port-In vouchers, which are issued by other localities that are transferred to the County. The County receives reimbursement for these vouchers from the originating locality. The base budget includes $435,000 for Port-Ins in FY 2020.

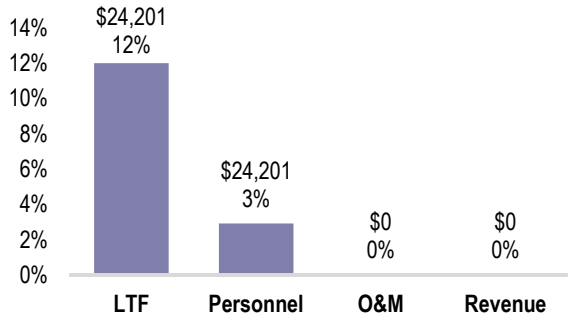
The increase in local tax funding (transfer from the General Fund) reflects a decrease in the amount of federal funding received for the administrative costs of the various HUD programs found in the Rental Assistance Program Fund. As rent costs continue to increase in the County, the number of vouchers that can be supported with the existing funds decreases. The number of vouchers determines the level of reimbursement for administrative costs – thereby increasing the local tax funding necessary to continue supporting the programs at the current service level. Local tax funding is not used to support rental subsidies. Rising rental prices will continue to be a challenge for the Department of Family Services in the future.

Percent Change from Adopted FY 2019 to Adopted FY 2020



Reasons for Change:
Personnel: ↑ general changes in employee pay || **O&M:** ↑ VASH vouchers, FUP vouchers, Port-In vouchers || **Revenue**: ↑ VASH vouchers, FUP vouchers, Port-in vouchers

Percent Change from Adopted FY 2020 to Projected FY 2021



Reasons for Change:
Personnel: ↑ 3 percent || **O&M:** ↔ || **Revenue**: ↔

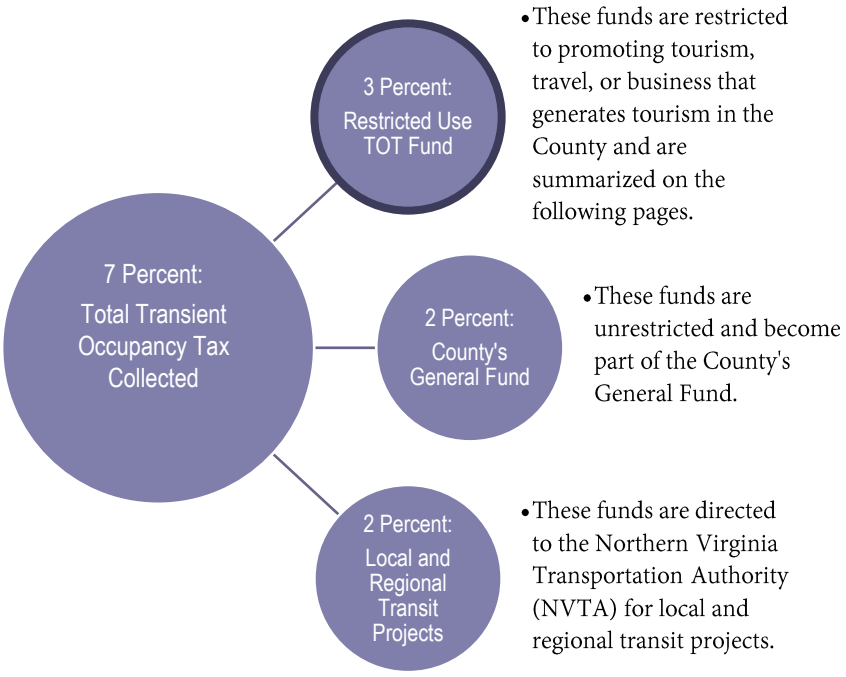
Policies

While the County does not have any policies in place regarding the Rental Assistance Program Fund, it is governed by the regulations of the HCV program (24 CFR Part 982). For the most up-to-date information related to the program, please refer to HUD's website.

Restricted 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 Treasurer's Office on a quarterly basis.

Breakdown of Total Transient Occupancy Tax Revenue Allocations



The Board of Supervisors adopted a Restricted Use TOT Funding Policy in July 2005, which was last revised in June 2016. The Funding Policy guides the Board of Supervisors in its efforts to strategically and proactively impact tourism in Loudoun County.

- **Core Tourism Services** to sustain Loudoun's tourism base. Core Tourism Services, based upon standards recommended by Destination Marketing Association International, are provided by Visit Loudoun, the primary programmatic element of the County's travel and tourism promotion efforts. Visit Loudoun is allocated 75 percent of the forecasted Restricted TOT revenues to implement these core services.
- **Strategic Tourism Growth Initiatives** to expand Loudoun's tourism base by implementing projects to sustain Loudoun County's Tourism Destination Strategy. The County's Tourism Destination Strategy guides the marketing, promotion, and product development of Loudoun's tourism sector. Of the remaining forecasted Restricted TOT revenues, 15 percent will be available to fund those uses as determined by the Board that best meet the goals of the Tourism Destination Strategy.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual [2]	FY 2018 Actual [3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$1,250,440**	**$917,170**	**$1,664,647**	**$2,102,130**	**$2,655,261**
Revenues					
Estimated Restricted TOT Revenue	$3,604,078	$3,927,722	$3,790,000	$4,353,000	$4,581,000
Total – Revenues	**$3,604,078**	**$3,927,722**	**$3,790,000**	**$4,353,000**	**$4,581,000**
Expenditures					
Visit Loudoun	$2,908,125	$2,647,500	$2,842,500	$3,264,750	$3,435,750
Transfers to General Fund	673,223	404,045	415,817	412,119	420,949
Waterford Fair	150,000	0	0	0	0
Loudoun Museum	150,000	0	0	0	0
American Legion Leesburg Post 34	0	15,000	0	0	0
Visit Loudoun Sports Grants	50,000	50,000	50,000	50,000	50,000
Visit Loudoun International Travel	0	22,100	22,100	36,500	36,500
Economic Development Authority International Travel	0	0	22,100	36,500	36,500
Restricted TOT Grant Program	0	19,500	0	0	0
Total – Expenditures	**$3,937,348**	**$3,180,245**	**$3,352,517**	**$3,799,869**	**$3,979,699**
Estimated Ending Fund Balance	**$917,170**	**$1,664,647**	**$2,102,130**	**$2,655,261**	**$3,256,562**
Percent Change	-27%	81%	26%	27%	23%
Policy Mandated Reserves [4]	**$360,408**	**$392,772**	**$379,000**	**$435,300**	**$458,100**
Available Fund Balance	**$556,762**	**$1,271,875**	**$1,723,130**	**$2,219,961**	**$2,798,462**

[1] Sums may not equal due to rounding.

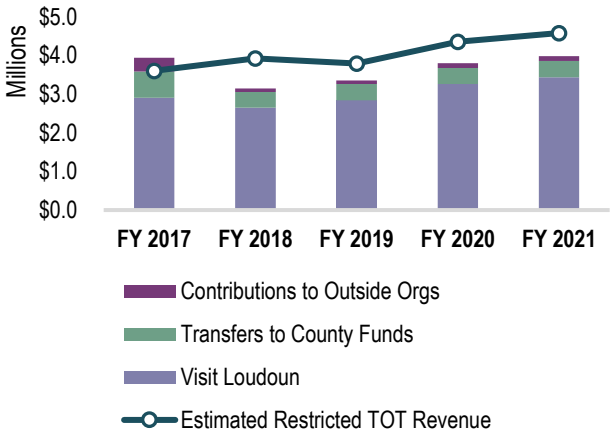
[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

[4] Mandated Reserve Policy – per the Restricted TOT Funding Policy, 10 percent of annual Restricted TOT revenue must be held as reserves.

Restricted Transient Occupancy Tax Fund

Revenue and Expenditure History



Revenue/Local Tax Funding

As shown, the Restricted Use TOT Fund is entirely funded by Transient Occupancy Tax revenue. This fund is comprised of no local tax funding.

Expenditure

The majority of the expenditures in the Restricted TOT Fund are dedicated to contributions to external organizations, primarily to Visit Loudoun (86 percent). A portion of annual expenditures are transferred to the General Fund (11 percent).

The FY 2020 Adopted Budget for the Restricted TOT Fund estimates revenue of $4,353,000, a 15 percent increase from FY 2019. This increase is due to gradual rises in room rates, and historically high occupancy levels. Board policy mandates that 10 percent of projected revenue is to be held in reserve; the adopted reserve for FY 2020 is $435,300. Per the Memorandum of Understanding with the Board, Visit Loudoun is provided 75 percent of projected Restricted TOT revenue to provide Core Tourism Services for the County. Of the remaining 15 percent of projected revenues, $50,000 is set-aside for the Sports Tourism program, and $36,500 is budgeted for international travel for Visit Loudoun and the Economic Development Authority each.

Reflected for the first time in the Restricted TOT budget is the TOT Grant Program. Per the adopted Funding Policy, unallocated Restricted TOT funds may be granted to community organizations which provide tourism services or activities, consistent with the Board's funding guidelines. FY 2018 actuals reflect the first year of this program. It is important to note, the grant program is not budgeted for each year, and is dependent on the available fund balance.

Looking to FY 2021, revenue is forecasted to increase by an additional 5 percent. This increase is also attributed to slowly growing room rates and high occupancy. With the projected increase in revenue, there will be an increase of approximately $180,000 in the transfer to Visit Loudoun, per the MOU.

Expenditure Detail

Department	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Transfer to the General Fund					
Department of Economic Development	$196,300	$203,050	$209,877	$214,199	$220,625
International cluster activities within the Department of Economic Development are funded through a transfer from the Restricted Use 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.					
Office of County Administrator (OEM)	$84,143	$83,215	$88,260	$80,140	$82,544
Restricted Use TOT funding is used to offset the personnel cost of the Office of Emergency Management's (OEM's) Special Events Coordinator in the General Fund. This position serves as the conduit for collaborative work with event organizers to ensure compliance with permitting requirements; assists in the development of emergency contingency plans; aids in identifying ways to minimize the impact of events on the surrounding community; and, in many instances, provides onsite support during an event. Through the efforts of the Special Events Coordinator, OEM is able to work with event organizers to create safe and successful events benefiting the residents of and visitors to Loudoun County. Each year hundreds of special events in varying size, scope, and complexity occur at venues throughout the County, drawing thousands of participants. These events include community celebrations, parades, fairs and festivals, sporting events, runs and walks, concerts, and many charity events benefiting members of the community or organizations supporting the community. This economic activity promotes the core tourism principles that are part of the Restricted Use TOT Funding Policy.					
Department of Parks, Recreation, and Community Services	$117,780	$117,780	$117,780	$117,780	$117,780
A portion of the Department of Parks, Recreation, and Community Services' (PRCS) athletic field maintenance expenditures are offset by Restricted Use 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 Use TOT Funding was identified to offset some field maintenance expenditures. PRCS field maintenance services are under heavy pressure due to high usage of the County's athletic fields.					
Total – Transfer to the General Fund	**$398,223**	**$404,045**	**$415,817**	**$412,119**	**$420,949**
Transfer to Capital Projects Fund					
EE Lake General Store	$275,000	$0	$0	$0	$0
The EE Lake General Store is a capital project designed to stabilize and renovate the circa-1901 EE Lake General Store to open the building as a tourist center for hikers and cyclists in the Bluemont area. Included in the work are structural repairs, improvements to address safety and code compliance, renovations for ADA compliance, and the addition of public restrooms. This transfer was approved by the Board in FY 2017. The project was completed in FY 2018.					
Total – Transfer to the Capital Projects Fund	**$275,000**	**$0**	**$0**	**$0**	**$0**
Total – Transfer to the Other Funds	**$673,223**	**$404,045**	**$415,817**	**$412,119**	**$420,949**

Restricted Transient Occupancy Tax Fund

Department	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Contributions to External Organizations					
Visit Loudoun	$2,908,125	$2,647,500	$2,842,500	$3,264,750	$3,435,750
Visit Loudoun is Loudoun County's designated destination management organization and the primary programmatic element of the County's travel and tourism promotion efforts. Visit Loudoun receives 75 percent of projected Restricted TOT revenue appropriated by the Board each year per the County's Memorandum of Understanding with Visit Loudoun, dated June 23, 2016.					
Visit Loudoun Sports Tourism Grant Program	$50,000	$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 well-positioned to take advantage of this segment, with quality facilities, professional sports, parks and recreation organizations, and a community that supports tourism. The Sports Tournaments Grant Program was established as one of the Strategic Growth Initiatives of the Tourism Destination Strategy adopted by the Board of Supervisors in March 2006. The program is designed to support bids on sports tournaments, including human and animal events that generate the greatest return on investment in terms of visitor spending in the County. A competitive application process encourages cooperation, ensures that the tournaments can be accommodated, and increases their success.					
Visit Loudoun International Travel Strategic Tourism Initiatives	$0	$22,100	$22,100	$36,500	$36,500
This expenditure category was created in FY 2018. As a part of the June 2016 revision to the Restricted TOT Funding Policy, the County has the option to support Visit Loudoun's travel to and attendance on international economic development trips where tourism subject matter experts or Visit Loudoun staff may provide a strategic benefit.					
Economic Development Authority International Travel	$0	$0	$22,100	$36,500	$36,500
This expenditure category was created in FY 2018. As a part of the June 2016 revision to the Restricted TOT Funding Policy, the County has the option to support travel to and attendance on international economic development trips where local representatives may provide a strategic benefit to County tourism efforts. Funding these trips is accomplished with a transfer to the Loudoun County Economic Development Authority.					
The Waterford Foundation Waterford Fair	$150,000	$0	$0	$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 was one-time in nature.					
Loudoun Museum	$156,000	$0	$0	$0	$0
The Loudoun Museum focuses on the history of Loudoun County; its mission is to collect, preserve, and interpret, to the highest professional standards, objects that document the history of Loudoun County. In FY 2017, the Board approved a MOA with the Loudoun Museum that provided $156,000 in funding to support operations of the museum.					
American Legion Leesburg Post 34	$0	$15,000	$0	$0	$0
American Legion Leesburg Post 34 hosted the 2018 American Legion Baseball Senior Divison Mid-Atlantic Regional Tournament in Purcellville. This was a weeklong event that brought teams and fans from outside of Loudoun to the County. In FY 2018, the Board approved a Board Member Initiative that provided a one-time grant of $15,000 to cover the cost of the tournament bid fee.					
Restricted TOT Grant Program	$0	$19,500	$0	$0	$0
The Restricted TOT Grant Program was created in FY 2018. Organizations can submit proposals that provide tourism services or activities consistent with the County's Restricted TOT funding policy and the Code of Virginia. In FY 2018, grants were provided to the following organizations/events: • NOVA Wellness and Yogafest Retreat, a three-day yoga event that featured yoga workshops and local farm-to-table food.					

Department	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
• Friends of Leesburg Public Arts to support the inaugural Arts in the Alley event, which was a downtown street fair, featuring local artists and performers in the Town of Leesburg. • The Town of Purcellville to provide tourism improvements and signage to the Train Station, including art displays and highlighting local businesses.					
Total – Contributions to External Organizations	**$3,264,125**	**$2,776,200**	**$2,936,700**	**$3,387,750**	**$3,558,750**

Policies

The Loudoun County Board of Supervisors adopted the Restricted Use Transient Occupancy Tax (TOT) Funding Policy on July 19, 2005. The Policy was last revised June 23, 2016 and details the guidelines and requirements for Restricted TOT funding.

The Restricted Use TOT Funding Policy identifies the purpose of the Fund as providing the Board with the opportunity to strategically and proactively impact tourism within the County, enabling targeted investment in high-priority tourism projects that advance the County's strategic tourism objectives, and maximizing tax relief to the General Fund by increasing Restricted TOT revenues. It specifies that the use of Restricted TOT Funds must meet the purposes designated by Section 58.1-3819 of the Code of Virginia (1950), as amended, which is:

"(Any) excess over two percent shall be designated and spent solely for tourism and travel, marketing of tourism or initiatives that, as determined after consultation with the local tourism industry organizations, including representatives of lodging properties located in the county, attract travelers to the locality, increase occupancy at lodging properties, and generate tourism revenues in the locality."

As noted above, the priorities for funding through Restricted Use TOT revenue are Core Tourism Services and Strategic Tourism Growth Initiatives. Core Tourism Services sustain Loudoun's tourism base and competitively position Loudoun County to attract visitors. Core Tourism Services are defined and measured based upon standards recommended by Destination Marketing Association International. These services are provided by Visit Loudoun under a Memorandum of Understanding with the County. Both the Restricted Use TOT Fund Policy and the MOU specify that 75 percent of Restricted TOT funds will be annually allocated to Visit Loudoun in order to deliver Core Tourism Services.

Strategic Tourism Growth Initiatives expand Loudoun's tourism base by implementing high priority projects that are compatible with the programmatic elements of the Loudoun County Tourism Destination Strategy, which the County develops and adopts with Visit Loudoun. Visit Loudoun serves as the primary programmatic element of the County's travel and tourism promotion activities. Projects funded as Strategic Tourism Growth Initiatives will be identified and prioritized as part of the County's annual budget process. Projects can be funded by Board direction, competitive procurement, grants to non-profit entities, or transfers to County Agencies or Visit Loudoun. Any unused funds will be carried over for use as reserve or for multi-year projects. The Policy also details the funding process for Strategic Growth Initiatives. The policy mandates a reserve of 10 percent of actual Restricted TOT Revenues, for use during years in which revenues received are less than projected.

The Policy calls for a 5-Year Tourism Destination Strategy, followed by a 4-Year Tourism Destination Strategy. The Tourism Destination Strategy is reviewed annually by the Board of Supervisors, Visit Loudoun, the Economic Development Advisory Commission, and industry partners to identify and prioritize Strategic Tourism Growth Initiatives.

Revolving Loan Fund

The Board of Supervisors (Board) 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 redefined the scope of the Revolving Loan Fund by limiting those entities that may receive these funds. As a result, general government and school capital projects no longer receive any financing from the Revolving Loan Fund. The Fund remains a source of capital for future non-general government and non-school requests related to wastewater treatment projects or volunteer/fire rescue requests. It is included as part of the General Fund.

Revenues, Expenditures, and Changes in Program Balance[1]

	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Program Balance	**$4,105,477**	**$4,180,176**	**$4,258,269[2]**	**$4,326,178**	**$4,326,178**
Revenues					
Principal Payment – Leesburg Volunteer Fire Company	$67,908	$67,908	$67,908[3]	$0	$0
Interest Income	6,791	6,791	3,395	0	0
Total – Revenue	$74,699	**$74,699**	**$71,303**	**$0**	**$0**
Ending Program Balance	**$4,180,176**	**$4,254,875**	**$4,329,572**	**$4,326,178**	**$4,326,178**

Revolving Loan Fund Requests

There were no requests submitted for FY 2020. An estimated $4.3 million will be available in FY 2021 for loans meeting the Board's criteria.

[1] Sums may not equal due to rounding.

[2] FY 2019 Beginning Program Balance differs from FY 2018 Ending Program Balance due to a discrepancy in interest income recorded (of $3,394). This difference has been reconciled for FY 2020.

[3] The loan made to Leesburg Volunteer Fire Company was fully paid off in FY 2019.

LOUDOUN COUNTY VIRGINIA
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1757

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 2020 with a rate of 18 cents per $100 of assessed value.

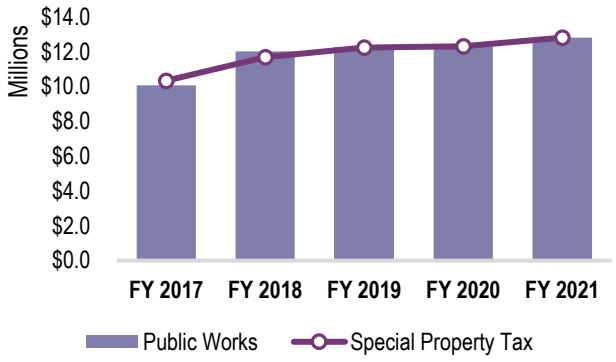
For FY 2020, the Route 28 Special Improvements Fund is projected to generate $12,317,000 in current and delinquent tax revenue to offset its estimated $12,317,000 in expenditures. There is no local tax funding in this fund.

Route 28 Special Improvements Fund

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$88,743**	**$353,390**	**$0**	**$0**	**$0**
Revenues					
Real Property Tax	$10,331,454	$11,691,432	$12,239,000	$12,317,000	$12,807,000
Total – Revenues	**$10,331,454**	**$11,691,432**	**$12,239,000**	**$12,317,000**	**$12,807,000**
Expenditures					
Public Works	$10,066,807	$12,009,138	$12,239,000	$12,317,000	$12,807,000
Total – Expenditures	**$10,066,807**	**$12,009,138**	**$12,239,000**	**$12,317,000**	**$12,807,000**
Estimated Ending Fund Balance	**$353,390**	**$44,112**	**$0**	**$0**	**$0**
Percent Change	298%	(88%)	0%	0%	0%

Revenue and Expenditure History



Revenue/Local Tax Funding

The Route 28 Special Improvements Fund is funded entirely by a special levy on commercial and industrial real property in the Rt. 28 District and receives $0 in local tax funding (LTF).

Expenditure

All of the expenditures in the Route 28 Special Improvements Fund are dedicated to improvements to Route 28.

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

[3] Source: Loudoun County FY 2018 CAFR.

Route 28 Special Improvements Fund

Revenue Analysis

FY 2020 Forecasted C&I Real Property Taxable Base (Forecasted as of January 2019)

2019 fair market value of C&I real taxable property[1]	$6,805,838,000
Plus: Reassessment due to equalization	136,117,000
Plus: Actual full value of new construction	136,117,000
2020 Forecasted fair market value of C&I real taxable property	**$7,078,072,000**
FY 2020 C&I Real property tax base subtotal	$6,941,956,000
Less: Potential administrative and/or Board of Equalization adjustments[2, 3]	(104,129,000)
Less: Land use deferrals	0
Plus: Partial value of new construction	27,223,000
FY 2020 Forecasted C&I real property tax base total	**$6,865,050,000**

	Forecasted Taxable Base	Net Revenue per Penny[4]	Revenue ($0.18/$100 Tax Base)
Real Property	$6,865,050,000	$677,240	$12,190,000
Public Service Corp., Delinquent, and Penalty			127,000
Total Revenue[5]			**$12,317,000**

[1] Excludes residential and $31.7 million in public service corporation properties. Value provided by the Office of the Commissioner of the Revenue on January 25, 2019.

[2] Resulting from appeals and hearings.

[3] Estimated at 1.5 percent of fair market value.

[4] Excludes estimate of 0.05 percent uncollectible revenue and 1.0 percent deferred revenue and 0.30 percent for refunds projected to be unavailable for funding expenditures in FY 2020.

[5] Revenue total is rounded to nearest $1,000 for FY 2020 forecast.

LOUDOUN COUNTY VIRGINIA
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1757

State and Federal Grant Fund

The State and Federal Grant Fund is used to account for the revenues related to grants and donations that are restricted for a specific use (expenditures). The most common sources are the Commonwealth of Virginia (state) and federal governments. Some private organizations provide grants to the County but they are often pass-through grants that originate at the state and federal levels. The restrictions on these funds are typically outlined in a grant agreement and include the type of expenditures and the timeframe in which expenditures can be made. Some grants are reimbursement based, such as the Urban Area Securities Initiative (UASI), and others are advance funded such as Four-for-Life funding and the Community Development Block Grant (CDBG).

Since the Fund accounts for a variety of grants throughout the County, the Department of Management and Budget works closely with the Department of Finance and Procurement to manage the Fund. This also requires communication with the departments responsible for the grants themselves like Loudoun County Fire and Rescue (LCFR); the Department of Family Services (DFS); the Department of Mental Health, Substance Abuse, and Developmental Services (MHSADS); and the Department of Transportation and Capital Infrastructure (DTCI).

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual [3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$238,442**	**$266,518**	**$272,590**	**$272,590**	**$272,590**
Revenues					
Miscellaneous Revenue	$308	$0	$0	$0	$0
Recovered Costs	85	4,882	0	0	0
Intergovernmental – Commonwealth	1,286,229	1,419,854	1,163,018	1,917,210	1,917,210
Intergovernmental – Federal	2,628,978	2,701,118	1,656,294	2,015,791	2,015,791
Total – Revenues	**$3,915,515**	**$4,125,854**	**$2,819,312**	**$3,933,001**	**$3,933,000**
Expenditures					
Public Safety	$846,660	$619,268	$314,000	$331,230	$331,230
Health and Welfare	2,890,173	3,390,850	2,400,762	3,574,471	3,574,470
Community Development	150,691	109,664	104,550	27,300	27,300
Total – Expenditures	**$3,887,524**	**$4,119,782**	**$2,819,312**	**$3,933,001**	**$3,933,000**
Estimated Ending Fund Balance[4]	**$266,518**	**$272,590**	**$272,590**	**$272,590**	**$272,590**
Percent Change	12%	2%	0%	0%	0%
FTE[5]	**7.28**	**13.75**	**13.75**	**15.75**	**15.75**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

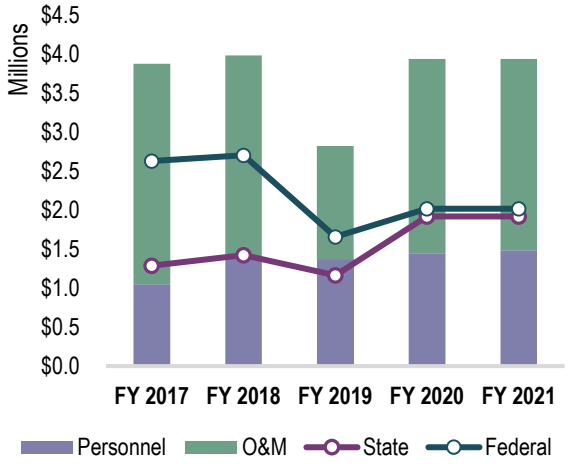
[3] Source: Loudoun County FY 2018 CAFR.

[4] There is no policy that restricts fund balance in the State and Federal Grant Fund. However, this fund balance typically consists of grant funds which are restricted for a specific purpose.

[5] Beginning in FY 2019 with the full implementation of the Human Capital Management module of Oracle, all single incumbent positions with authorized weekly hours of 37.5 or greater are now assigned an FTE value of 1.00. In prior years, authorized weekly hours greater than 37.5 were assigned FTE values greater than 1.00. This recalculation may cause differences in FTE counts between FY 2018 and FY 2019.

State and Federal Grant Fund

Revenue and Expenditure History



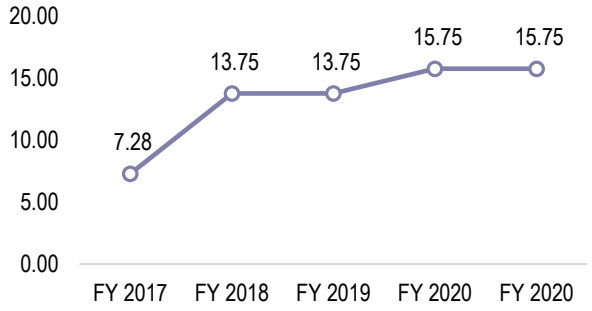
Revenue/Local Tax Funding

As shown, the State and Federal Grant Fund is funded by state and federal revenue. There is no local tax funding in the State and Federal Grant Fund.

Expenditure

The majority of the expenditures in the State and Federal Grant Fund are dedicated to O&M costs. The increase in O&M for FY 2020 reflects the incorporation of annual grants received but not previously part of the Adopted Budget.

Staffing/FTE History



FY 2017 Mid-Year: 0.47 FTE (DFS) convert a part-time accounts assistant to full-time (CDBG)

FY 2018: 6.00 FTE for the Early Intervention Program (MHSADS): 2.00 FTE service coordinators, 1.00 FTE developmental specialist, 1.00 FTE clinical supervisor, 1.00 FTE speech pathologist, and 1.00 FTE, administrative assistant

FY 2019: 2.00 FTE (County Administration) emergency preparedness specialists

The size of the State and Federal Grant Fund is driven by the anticipated revenue from grants. The FY 2020 Adopted Budget includes increases to the Four-for-Life Grant, CDBG, and the Early Intervention program to reflect the more recent award amounts from the state and federal governments. The Congestion Mitigation Air Quality (CMAQ) grant, budgeted for the Broadlands Parking Lot has been removed from the budget for FY 2020. This grant was used for the lease payment for Broadlands Parking Lot – a lease which ended December 31, 2018. Also for FY 2020, the Adopted Budget includes funds for Young Adult Serious Mental Illness (SMI) and Telepsychiatry. Both of these programs are part of the annual performance contract with the State and have been received for several years. Details for each grant can be found in the Expenditure Detail table on the next page. Also included in the FY 2020 Adopted Budget is additional FTE authority for the Office of the County Administrator.

FTE Authority

The Office of Emergency Management has three temporary emergency preparedness specialist positions supported by grant revenue from the Urban Areas Security Initiative (UASI) program. The first position, created as a temporary position in 2006, supports training and emergency response exercise efforts. The second and third positions were both created in 2007 and support National Capital Region emergency management planning efforts and other emergency preparedness exercises. Since their inception, these positions have been funded with this federal revenue. Based on past practices, because these positions

have been funded with federal grant revenue, they were not requested to be formally authorized by the Board; the implication of this practice signifying that the positions would be terminated if federal funding ceased.

Over the past decade as the region has made improvements to its emergency preparedness practices, these positions have become an integral part of the County's emergency management program. The FY 2020 Adopted Budget requests the creation of two regular, full-time authorized positions so that should federal funding cease in future fiscal years, the County could fund two of these three critical positions within a future base budget. Funding is currently secured for all three positions through December 31, 2019. Continuation of funding is dependent on the overall grant allocation the National Capital Region receives from the Department of Homeland Security, as well as, the project being approved by the National Capital Region Homeland Security Executive Committee. At this time, it does not appear that UASI funding will cease in the coming fiscal year.

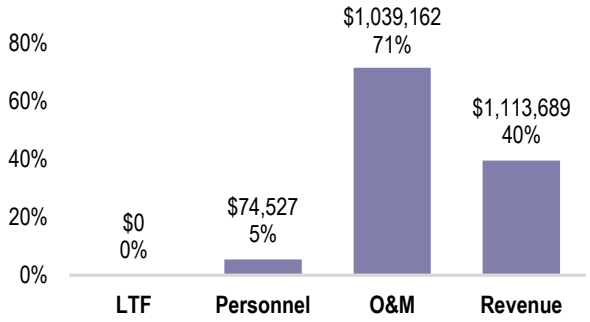
Expenditure Detail

Grant / Department	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Four-for-Life (Fire and Rescue)	$135,201	$104,211	$314,000	$331,230	$331,230
The Four for Life grant is managed by the Loudoun County Fire and Rescue (LCFR). Program funding comes from a $4 charge as part of the registration of certain vehicles. Twenty-six percent is remitted back to the originating locality to be used for specific purposes as outlined in the Code of Virginia. The grant is distributed to all of the volunteer fire companies and to LCFR.					
Community Development Block Grant (Family Services)	$1,012,650	$1,457,514	$1,160,000	$1,334,301	$1,334,301
The CDBG grant is managed by the Department of Family Services (DFS) and is used for the program operating costs and personnel (1.75 FTE). Funding is part of the CDBG Entitlement Program which provides annual grants on a formula basis to entitled cities and counties to develop viable urban communities by providing decent housing and a suitable living environment and expanding economic opportunities, principally for low and moderate-income persons.					
Early Intervention (MHSADS)	$1,303,798	$1,249,863	$1,240,762	$1,502,519	$1,502,519
The Early Intervention Program is managed by the Department of Mental Health, Substance Abuse, and Developmental Services (MHSADS) and supports both operating and personnel costs (12.00 FTE). The program is mandated to provide early intervention services to infants and toddlers with developmental delays and to support their families in caring for their infant/toddler. The monies in the State and Federal Grant Fund only reflect a portion of the County's Early Intervention Program. In addition to these monies, which require no local match, funds are included in the General Fund for MHSADS. The General Fund monies reflect the County's maintenance of effort, a requirement of the grant.					
Young Adult SMI (MHSADS)	$345,746	$529,252	$0	$687,883	$687,883
The Young Adult SMI Program is managed by MHSADS. The program is part of the annual Community Services Performance Contract with the Virginia Department of Behavioral Health and Developmental Services. The program provides services to individuals experiencing first episode psychosis and/or persistent serious mental illness. Services provided follow a Coordinated Specialty Care based model of delivery with a focus on individual resiliency training, education and employment support, peer-to-peer support and personal empowerment. All services are delivered by a third-party contracted provider.					
Telepsychiatry (MHSADS)	$50,567	$0	$0	$49,769	$49,769
The Telepsychiatry grant is managed by MHSADS. These funds are part of the annual Community Services Performance Contract with the Virginia Department of Behavioral Health and Developmental Services. Funds are used for the provision of psychiatric services.					
Congestion Mitigation Air Quality (DTCI)	$79,965	$82,364	$77,250	$0	$0
The Congestion Mitigation and Air Quality Improvement Program (CMAQ) is managed by the Department of Transportation and Capital Infrastructure (DTCI). The funding supports the lease of the Broadlands Parking Lot.					

State and Federal Grant Fund

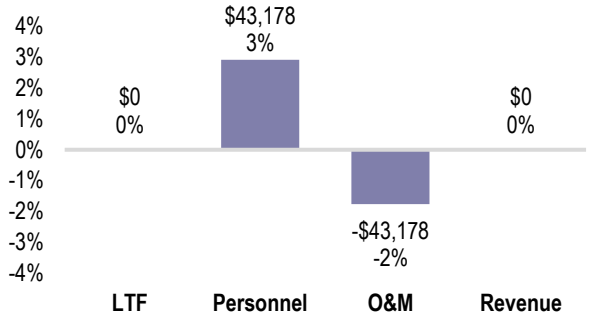
Grant / **Department**	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	FY 2020 Proposed	FY 2021 Projected
Regional Surface Transportation Program (DTCI)	$27,300	$27,300	$27,300	$27,300	$27,300
The Regional Surface Transportation Program (RSTP) is managed by the Department of Transportation and Capital Infrastructure (DTCI). The funding supports the lease of the Lowes Island Parking Lot.					
Miscellaneous Grants	$932,297	$669,278	$0	$0	$0
Grants that are not routine in nature, require ongoing competitive applications, whose annual award amounts are unknown, or whose funding stream is uncertain, are not part of the adopted budget for the State and Federal Grant Fund. These grants, as awarded, are brought forward to the Board of Supervisors, typically as part of the Administrative Items Report, for appropriation. Examples of these grants include the Urban Areas Security Initiative grants, the Securing the Cities program, the Edward Byrne Memorial Justice Assistance Grant, and the State Criminal Alien Assistance Program. The FY 2020 Proposed Budget requests the creation of two regular, full-time authorized positions in the Office of the County Adminsitrator under the UASI grant program. FTE Authority is requested so that should federal funding cease in future years, the County can continue to fund these positions within a future base budget.					
Total	**$3,887,524**	**$4,119,783**	**$2,819,312**	**$3,933,001**	**$3,933,001**

Percent Change from Adopted FY 2019 to Adopted FY 2020



Reasons for Change:
Personnel: ↑ general changes in employee pay || **O&M:** ↑ Increase in Early Intervention and CDBG; New funds for Young Adult SMI and Telepsychiatry || **Revenue**: ↑ Right-size recurring grants (Young Adult SMI, Early Intervention, Telepsychiatry)

Percent Change from Adopted FY 2020 to Projected FY 2021



Reasons for Change:
Personnel: ↑ 3 percent || **O&M:** ↓ Offset EI contracts for personnel change || **Revenue**: ↔

Policies

While internal policies do not typically exist for the State and Federal Grant Fund, individual grant agreements— and the legal authorization for those funding streams—govern how funds can be spent. Information on the grants included in the Proposed Budget for the State and Federal Grants Fund are below.

Four-for-Life

The Four-for-Life grant is administered by the State and provides funding for the training of emergency medical service personnel and for the purchase of necessary equipment and supplies for use by the County in the Department of Fire and Rescue.

Per State Code Section 46.2-694, a fee of $4.25 is charged and collected at the time of registration of each pickup or panel truck and each motor vehicle under subdivisions 1 through 12. All funds collected from $4 of the $4.25 fee are remitted to the Virginia Department of the Treasury and set aside as a special fund to only be used for emergency medical services purposes.

Of the $4 fee revenue, the State Department of Health receives 32 percent, the Rescue Squad Assistance Fund (RSAF) receives 32 percent, ten percent is available to the State Department of Health's Office of Emergency Medical Services, and the originating locality receives 26 percent, which are the source of funding for the Four-for Life grant. These funds cannot be used to supplant local funds.

Community Development Block Grant[1]

The Entitlement Program under the Community Development Block Grant is authorized under Title 1 of the Housing and Community Development Act of 1974, Public Law 93-383, as amended; 42 U.S.C.-4301 et seq. Eligible activities under this program include:

- Acquisition of real property
- Relocation and demolition
- Rehabilitation of residential and no-residential structures
- Construction of public facilities and improvements, such as water and sewer facilities, streets, neighborhood centers, and the conversion of school buildings for eligible purposes
- Public services, within certain limits
- Activities relating to energy conservation and renewable energy resources
- Provision of assistance to profit-motivated businesses to carry out economic development and job creation/retention activities.

Additional information on this grant can be found on the U.S. Department of Housing and Urban Development's (HUD) website.

Early Intervention Program[2]

Congress enacted early intervention legislation in 1986 as an amendment to the Education of Handicapped Children's Act (1975) to ensure that all children with disabilities from birth through the age of two would receive appropriate early intervention services. This amendment formed Part H of the Act, which was re-authorized in 1991 and renamed the

[1] Source: U.S. Department of Housing and Urban Development Website, October 2017

[2] Source: Virginia Department of Behavioral Health & Development Services website, October 2017

State and Federal Grant Fund

Individuals with Disabilities Education Act (IDEA). When the IDEA was re-authorized in 1998, Part H became Part C of the Act. Virginia's early intervention system is called the Infant & Toddler Connection of Virginia.

These funds are intended to supplement local funding, not supplant.

Young Adult Serious Mental Illness (SMI)

Funds for the Young Adult SMI Program are received as part of the annual Community Services Performance Contract with the Virginia Department of Behavioral Health and Developmental Services. The program is funded with both state and federal resources. Federal resources originate under the Mental Health Services Block Grant. Restrictions regarding the use of these funds are outlined in the annual Community Services Performance Contract.

Telepsychiatry

The Telepsychiatry grant is funded by the State via the annual Community Services Performance Contract with the Virginia Department of Behavioral Health and Developmental Services. Funds must be used in accordance with the guidelines in the performance contract.

Congestion Mitigation Air Quality (CMAQ) Improvement Program[1]

The CMAQ program provides a flexible funding source to state and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet he National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas). The federal share of CMAQ funds is governed by 23 U.S.C. 149 and the FAST Act § 1114.

Regional Surface Transportation Program (RSTP)[2]

At the federal level, RSTP is referred to as the Surface Transportation Block Grant Program (STBG). It promotes flexibility in state and local transportation decisions and provides flexible funding to best address state and local transportation needs. The federal share of RSTP funds is governed by 23 U.S.C. 133 and the FAST Act § 1109.

Urban Area Securities Initiative (UASI)[3]

The UASI grant program is one of three programs that falls under the Homeland Security Grant Program (HSGP). HSGP programs fund a range of preparedness activities, including planning, organization, equipment purchase, training, exercises, and management and administration across all core capabilities and mission areas.

[1] Source: CMAQ Fact Sheet, February 2016

[2] Source: Surface Transportation Block Grant Program Fact Sheet, February 2016

[3] Source: Department of Homeland Security website, December 2018

Tall Oaks Water and Sewer Fund

The Board of Supervisors adopted the ordinance establishing the Tall Oaks Water and Sewer 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 20 years which equals the initial estimate of the cost of the project. Consistent with past practice, this amount will be adjusted to reflect the actual cost incurred by Loudoun Water once the project is complete. The annual amounts shown are the current estimates.

Revenues, Expenditures, and Changes in Fund Balance[1]

	FY 2017 Actual[2]	FY 2018 Actual[3]	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Projected
Beginning Fund Balance	**$0**	**$0**	**$5,225**	**$5,225**	**$5,225**
Revenues					
General Property Taxes	$24,046	$66,754	$60,572	$60,572	$60,572
Total – Revenues	**$24,046**	**$66,754**	**$60,572**	**$60,572**	**$60,572**
Expenditures					
Public Works	$24,046	$61,529	$60,572	$60,572	$60,572
Total – Expenditures	**$24,046**	**$61,529**	**$60,572**	**$60,572**	**$60,572**
Estimated Ending Fund Balance	**$0**	**$5,225**	**$5,225**	**$5,225**	**$5,225**

[1] Sums may not equal due to rounding.

[2] Source: Loudoun County FY 2017 Comprehensive Annual Financial Report (CAFR).

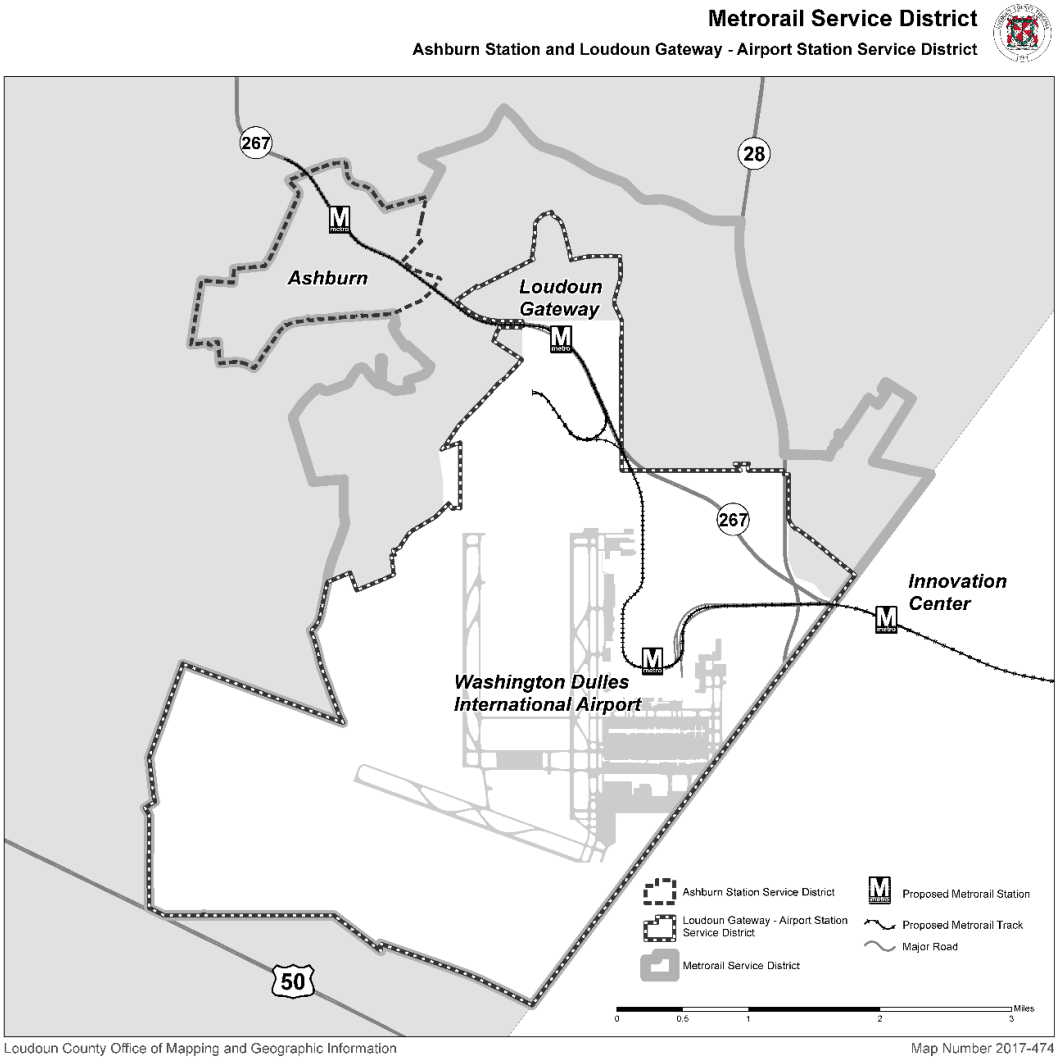
[3] Source: Loudoun County FY 2018 CAFR.

Transportation District Fund

The Transportation District Fund was created in FY 2013 for the purpose of accurately identifying transportation and transit-related revenues and expenditures. This fund includes real property tax revenue collected from the Special Tax Districts created to support the Dulles Corridor Metrorail Project, a transfer from the General Fund equivalent to $0.02 of the real property tax rate, local gasoline tax revenue, and revenue resulting from the enactment of HB 2313 by the Virginia General Assembly in 2013.

Metrorail Service Special Tax Districts

In December 2012, the Board established three special tax districts in concert with Phase II of the Dulles Corridor Metrorail Project: the Metrorail Service District, Loudoun Gateway – Airport Station Service District, and the Ashburn Station Service District (illustrated in the following map). Supplemental real property taxes are assessed on parcels within the boundaries of the three special tax districts at an effective rate not to exceed $0.20 per $100 of assessed value exclusive of all other applicable taxes and are collected by the Treasurer in the same manner the Countywide real property tax is administered.



The **Metrorail Service District** was established to provide public transportation systems serving each of the Station Service Districts. These districts allow for revenue to be utilized for the County's share of the cost of constructing any related facilities and structures including: parking facilities; rail lines and a rail yard; vehicular and pedestrian access; electrical facilities and equipment; studies, assessments, and analysis of environmental and other impacts; local, state, and federal government approvals; environmental preservation and mitigation; acquisition of real property or easements; relocation of roadways; and engineering and legal costs related to the Metrorail project. Additionally, the Metrorail Service District provides funding that pays debt service on the federal TIFIA loan (detailed below) and any other debt issued by the County for the construction of the Metrorail Project extension into the County.

Located within the Metrorail Service Tax District are the **Loudoun Gateway – Airport Station Service District** and the **Ashburn Station Service District**. The Tax Districts will provide revenue continuing beyond the term of the larger Metrorail Service Tax District to fund ongoing payments to the Washington Metropolitan Area Transit Authority (WMATA) to provide Metrorail transit service to each station.

Transportation Infrastructure Finance and Innovation Act (TIFIA)

The Transportation Infrastructure Finance and Innovation Act of 1998 (TIFIA) is a federal credit assistance program administered by the United States Department of Transportation (USDOT) for eligible surface transportation projects of regional or national significance. Loudoun County submitted an application for TIFIA credit assistance in the form of a secured loan in the amount of $195,072,507, plus deferred interest. On December 9, 2014, USDOT and Loudoun County closed on the loan.

MWAA estimates the total construction cost of the Dulles Corridor Metrorail Project will be $5.8 billion. Per the Memorandum of Agreement executed in December 2011, Loudoun County is responsible for 4.8 percent of the total project cost which is now estimated at $273 million. The County will fund its share of construction-related costs using the $195 million TIFIA loan, $56 million of lease appropriation-backed debt through the Loudoun County Economic Development Authority, and tax revenue generated from the Metrorail Service Tax District.

Beginning in FY 2021, Loudoun County will begin paying its portion of WMATA capital contributions for the Metrorail system. Based on WMATA's FY 2020 Proposed Capital Improvement Program (CIP), the County's FY 2021 capital contribution is estimated to be $6.4 million. These funds are included in the County's FY 2019 – FY 2024 Amended CIP. Beginning in FY 2022, contributions are expected to increase and the CIP includes funding for this increase to a level of $27.6 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 any additional borrowing for the construction of the project have priority in drawing on those revenues until the debt is paid off, which is estimated to be in 2042. The FY 2020 Adopted Budget includes $7,213,049 to make interest payments on the TIFIA loan and bond anticipation notes (BANs) issued in 2018 for Metrorail construction. Per the terms of the TIFIA loan agreement, principal payments are deferred until FY 2023. The BANs were issued as four-year, interest only notes maturing in 2022, when long-term bonds will be issued to pay them off. Deferred principal payments allow additional time for the Metrorail Service District to generate revenue to offset these and other costs.

HB 2313 Statutory Requirements and Local and Regional Revenues

During the 2013 Virginia General Assembly legislative session, HB 2313 was enacted.[1] It established three revenue sources dedicated to transportation and transit for Northern Virginia and designated the Northern Virginia Transportation Authority (NVTA) as the organization responsible for managing these revenue sources.

[1] Chapter 766, 2013 Acts of Assembly

Transportation District Fund

HB 2313 included an incremental increase of 0.7 percent to the State Sales Tax; an increase of 2 percent to the Transient Occupancy Tax; and an additional $0.15 congestion relief fee to the Grantor's Tax within the nine jurisdictions comprising the Northern Virginia Planning District. These revenues together made up the "local" 30%, or NVTA 30%, provided to each Northern Virginia locality. In 2018, the General Assembly funding altered this funding. Beginning July 1, 2018, the grantor's tax and the regional transient occupancy tax (TOT) was diverted to WMATA for use in funding Metrorail capital expenses.[1] These revenues comprised approximately 20 percent of the regional tax revenue collected in Loudoun. As a result of this change, these revenues are no longer available to fund NVTA-sponsored transportation projects and localities[2] will not have access to the 30-percent local share of these funds. The remaining 0.7-percent sales tax will be the sole source of revenue for both local and regional NVTA allocations. The NVTA 30% revenue can only be spent on urban or secondary road construction, capital improvements that reduce congestion, other projects that have been approved in the regional transportation plan, or for public transportation.

The remaining "regional" 70 percent (or NVTA 70%) of the proportional State Sales Tax revenue collected in each jurisdiction is retained by the NVTA for regional transportation projects that are included within the TransAction regional transportation plan or mass transit capital projects that increase capacity. Regional transportation projects are prioritized and adopted by the NVTA Board annually with a philosophy that over time each jurisdiction will receive its equivalent proportional share of revenues. NVTA updated the TransAction plan in 2017 to establish a Six-Year Program (SYP) to competitively prioritize NVTA 70% funding for transportation projects in the FY 2018 – FY 2023 period. In June 2018, NVTA approved funding for eight of the nine Loudoun County projects submitted. The total amount awarded to the County for the SYP was $304,947,000; the full amount of the award for each project will be appropriated in the fiscal year in which the Standard Project Agreement (SPA) between the County and VDOT will be executed.

HB 2313 also requires that the County maintain a level of funding dedicated for transportation and transit equivalent to the average amount of expenditures for transportation and transit as established for the three fiscal year period from FY 2011 to FY 2013, or approximately $15.6 million; and that the dedicated revenue is separate from the anticipated HB 2313 revenues. In addition to the requirement of maintaining funding levels, the County is also required to enact a Commercial & Industrial (C&I) Property Tax at $0.125 per $100 valuation or dedicate an equivalent level of funding for transportation and transit purposes in order to receive the 30 percent share of HB 2313 revenue. It is estimated that a C&I tax levied in the County would yield approximately $21.9 million in FY 2020.

The Board of Supervisors has taken no action to levy such a tax, and consequently the FY 2020 Adopted Budget includes appropriations for transportation and transit purposes which satisfy the C&I tax equivalent requirement. The C&I equivalent for FY 2020 includes an amount equivalent to $0.02 of the real property tax rate, or $17,246,000, $6,242,819 of cash proffer funding, and $8,688,000 in local gas tax funding. In accordance with the requirements of the statute, this funding is shown within the Transportation District Fund.

Local Gasoline Tax Revenue and Uses

Loudoun County began the collection of a 2 percent local gasoline tax in January 1989. Initially, gasoline tax funds were administered through the Loudoun County Transportation District Commission (LCTDC). In January 1990, the Board of Supervisors dissolved the LCTDC and elected to join the Northern Virginia Transportation Commission (NVTC), where local gasoline tax collections are received and administered in a separate account on behalf of the County.

[1] Resulting from the enactment of HB 1539 by the Virginia General Assembly in 2018.

[2] Towns that have a population over 3,500 within are to be provided the proportional share of the NVTA 30% revenue collected within the town limits. The towns of Leesburg and Purcellville are currently eligible for these funds. Per HB 2313, these revenue sources must be deposited into a separate, special revenue fund for which the Transportation District Fund serves.

Beginning in FY 2018, some County operations and transfers to towns previously funded with gasoline tax revenues were transitioned to local tax funding. In FY 2019, gasoline tax revenue transfers to the towns of Leesburg and Purcellville ceased and are no longer in effect in order to dedicate gasoline tax revenue to Metrorail capital and operating costs. As required, the County's FY 2020 Adopted Budget originally planned to fund Metrorail start-up operating costs totaling $12,000,000 using available local gasoline tax revenues. The County also planned to begin paying its annual operating payment to WMATA beginning in FY 2020.

However, projected delays of Silver Line revenue service have reduced both FY 2019 and FY 2020 budgeted operating costs. Silver Line Phase II operations are slated to begin no earlier than July 1, 2020 (FY 2021). No operating or start-up costs are expected in FY 2019, and start-up costs in FY 2020 are expected to be approximately $1 million.

It is still expected that, over the long term, local gasoline tax revenue will likely not be sufficient to fully fund the County's obligations to WMATA. Additional sources of revenue will need to be identified to meet these requirements.

Transportation District Fund

Revenues, Expenditures, and Changes to Fund Balance (Reserves)

	FY 2019 Estimated	FY 2020 Adopted	FY 2021 Projected
Estimated Beginning Fund Balance	**$48,481,805**[1]	**$60,348,058**	**$68,999,869**
Revenues			
Metrorail Special Tax Districts	$8,500,000	$11,530,000	$12,450,000
Local Gasoline Tax	9,413,000	10,842,617[2]	12,011,907
NVTA Local 30%	19,126,814	15,755,000	16,428,639
NVTA Regional 70%	100,493,000	157,035,000	54,000,000
Interest	8,000	8,000	8,000
Transfer from the General Fund	29,460,000	17,395,000	18,150,000
Transfer from the Public Facilities Fund	500,000	7,242,629	2,665,000
Total – Revenues	**$167,500,814**	**$219,808,246**	**$115,713,546**
Transfers & Expenditures			
Local Gasoline Tax	**$10,160**	**$6,515,757**	**$12,011,907**
Administrative - NVTC	10,160	11,907	11,907
Transfer to the Capital Projects Fund	0	4,358,000	0
Payment to WMATA	0	1,000,000	12,000,000
Transfer to the Metro Parking Garages Fund	0	1,145,850	0
NVTA	**$119,619,814**	**$172,790,000**	**$70,420,000**
Local (30%) - NVTA Administrative Fees	338,639	400,000	430,000
Local (30%) - Transfer to the Capital Fund	18,788,175	15,355,000	15,990,000
Regional (70%) - Transfer to the Capital Fund	100,493,000	157,035,000	54,000,000
Metrorail Construction Debt Service	**$6,044,587**	**$7,213,049**	**$7,196,414**
Transfer to the Debt Service Fund	6,044,587	7,213,049	7,196,414
Local Tax Funding and Cash Proffers	**$29,960,000**	**$24,637,629**	**$21,835,000**
Local Tax Funding Transfer to the Capital Projects Fund	29,460,000	17,395,000	19,170,000
Cash Proffers Transfer to the Capital Projects Fund	500,000	7,242,629	2,665,000
Total – Transfers & Expenditures	**$155,634,561**	**$211,153,295**	**$111,463,321**
Estimated Impact to Fund Balance	**$11,866,253**	**$8,654,951**	**$4,250,225**
Projected Year End Fund Balance[3]	**$60,348,058**	**$68,999,869**	**$73,250,094**

[1] Source: FY 2018 Comprehensive Financial Report (CAFR).

[2] This amount includes interest on investments from NVTC holding account.

[3] The estimated ending fund balance includes appropriated but unspent gas tax revenue and metro special tax district revenue. This balance will be applied to Metro debt service and related operating costs in future fiscal years.

LOUDOUN COUNTY VIRGINIA
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1757

Fiscal Trends
FY 2020 Adopted Budget

Contents

Demographic and Economic Trends	15-2
Assessed Value and Tax Rates	15-13
Revenue and Expenditures	15-20

LOUDOUN COUNTY VIRGINIA
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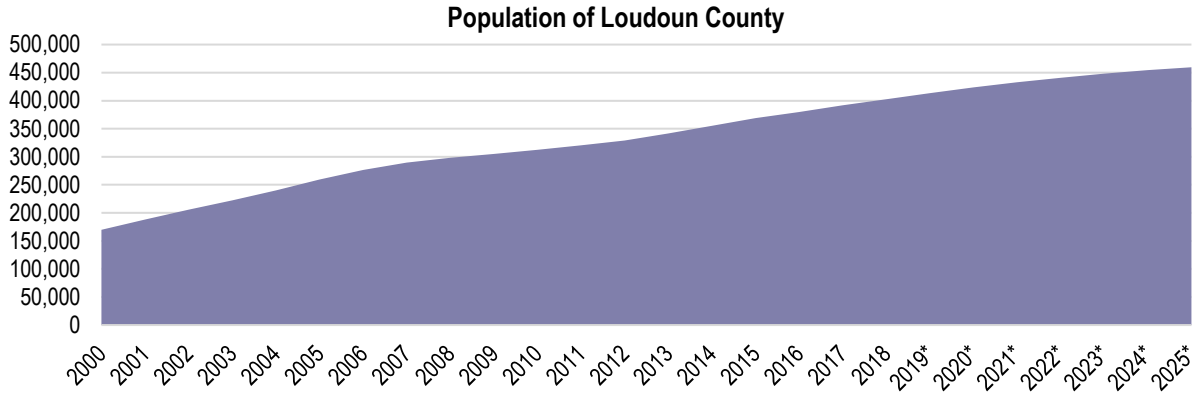
1757

Demographic and Economic Trends

Population[1]

Loudoun County has been one of the fastest growing counties in the nation since the late 1990s. Between 2010 and 2017 Loudoun was ranked the nineteenth fastest growing county in the nation and number eight for jurisdictions with populations over 100,000. The County's forecasted 2020 population is 423,953. In 2025, the County's population is forecasted to be 459,579, which is an increase of 47 percent from 2010.



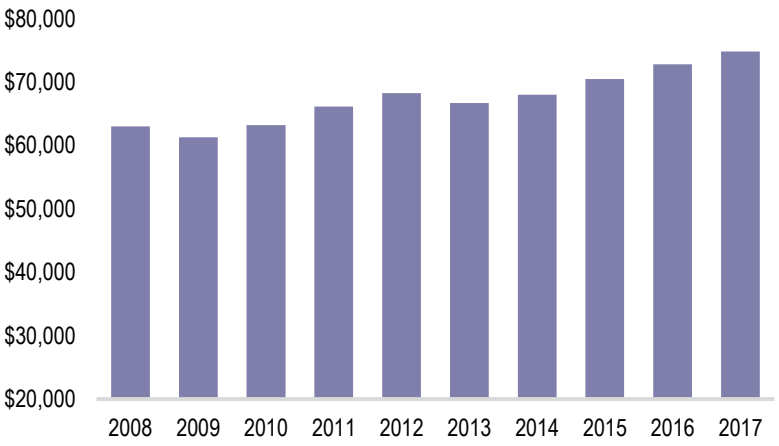
Year	Source	Population	Avg. Annual % Change in Population
1970	U.S. Census Bureau	37,150	4.2%
1980	U.S. Census Bureau	57,427	4.5%
1990	U.S. Census Bureau	86,129	4.1%
2000	U.S. Census Bureau	169,599	7.0%
2010	U.S. Census Bureau	312,311	6.3%
2011	Estimate	320,265	2.5%
2012	Estimate	329,110	2.8%
2013	Estimate	341,516	3.8%
2014	Estimate	355,359	4.1%
2015	Estimate	368,859	3.8%
2016	Estimate	379,753	3.0%
2017	Estimate	391,622	3.1%
2018	Estimate	402,561	2.8%
2019*	Forecast	413,516	2.7%
2020*	Forecast	423,953	2.5%
2021*	Forecast	433,065	2.1%
2022*	Forecast	440,865	1.8%
2023*	Forecast	448,030	1.6%
2024*	Forecast	454,473	1.4%
2025*	Forecast	459,579	1.1%

[1] Source: U.S. Census Bureau; Census 2000 and Census 2010; Loudoun County, January 2018 Council of Governments Round 9.1 Forecast

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 2013-2017 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 2017, Loudoun's median was $135,842, more than twice the national median of $60,336 and nearly twice Virginia's median of $71,535. Compared to the Washington, DC, Metropolitan Statistical Area's (MSA) median of $99,699, Loudoun was 36 percent higher.

On a per capita basis, the personal income of Loudoun County residents increased at an average annual rate of 1.9 percent per year from 2008 through 2017. Loudoun County's 2017 per capita income ranked in the top two percent in the United States, placing 54th out of 3,112 U.S. counties, according to the U.S. Bureau of Economic Analysis.



Per Capita Personal Income

Source: U.S. Bureau of Economic Analysis (November 15, 2018).

Year	Per Capita Personal Income
2008	$63,019
2009	$61,327
2010	$63,218
2011	$66,165
2012	$68,255
2013	$66,721
2014	$68,020
2015	$70,479
2016	$72,813
2017	$74,834

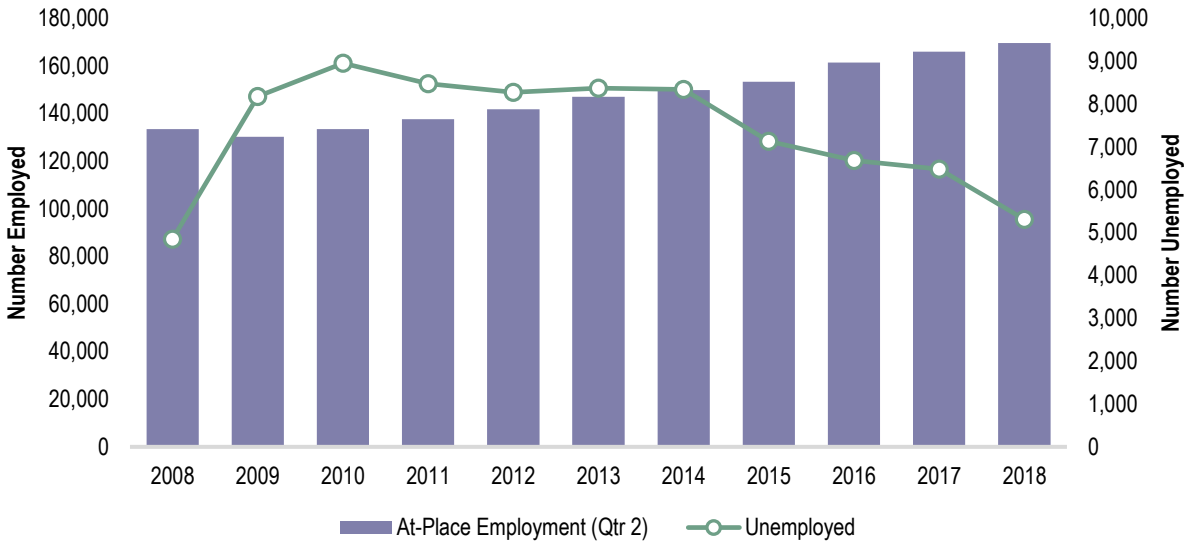
Demographics and Economic Trends

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 27 percent between 2008 and 2018. 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 nine consecutive years; and the number of unemployed residents declined by 456 persons or 9.0 percent from 2017 to 2018.

At-Place Employment and Unemployed

Source: Virginia Employment Commission.[1]



The number of employees in the County for each industry sector as of the second quarter of 2018 is:

Industry Sector	No. of Employees	Percentage
Natural Resources and Mining	675	0.4%
Construction	16,113	9.5%
Manufacturing	7,503	4.4%
Trade, Transportation, and Warehousing	36,222	21.4%
Information	7,405	4.4%
Financial Activities	5,921	3.5%
Professional and Business Services	32,085	18.9%
Education and Health Services	29,864	17.6%
Leisure and Hospitality	21,099	12.4%
Other Services (except Public Administration)	5,737	3.4%
Public Administration	6,341	3.7%
Unclassified	607	0.4%
Total – All Industries	**169,571**	**100.0%**

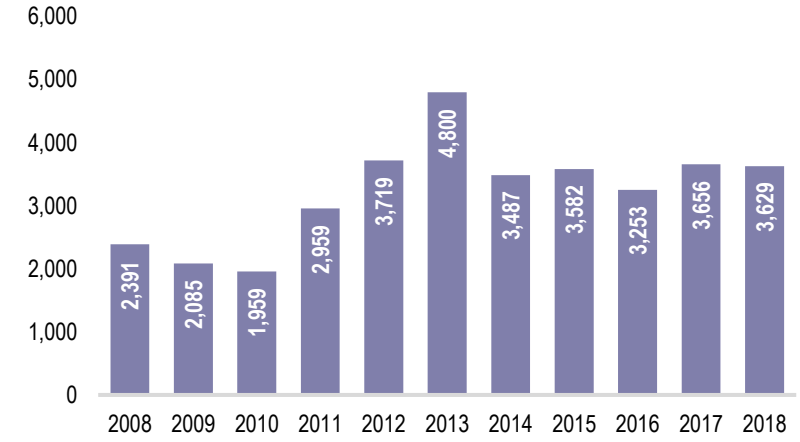
[1] The at-place employment data are for the second quarter of each calendar year. Unemployment data are annual values, based on residence in Loudoun County, not place of employment.

Residential Construction

In 2018, the County issued building permits for 3,629 new residential units, all of which were for housing units and not 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 3,629 housing units, 36 percent were for single-family detached, 30 percent for single-family attached, and 34 percent for multi-family units.

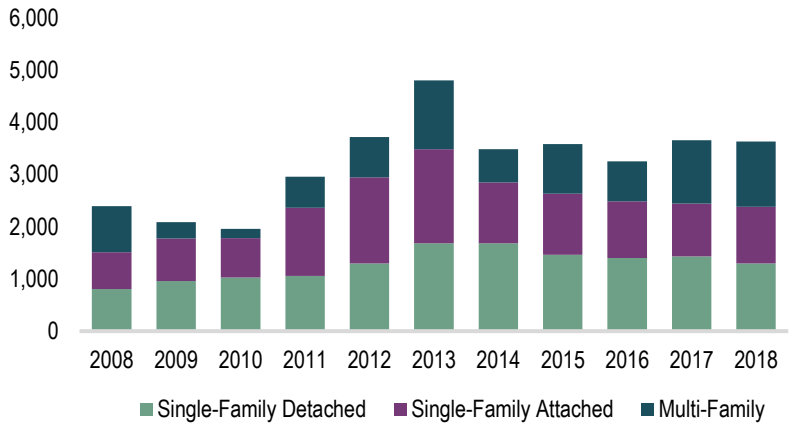
The number of building permits issued for new residential housing unit construction declined from 2005 to 2010 due to the effects of the nationwide housing boom and subsequent recession. The post-recession recovery of the housing market was evident in 2011 with the large increase in building permits from 2010 to 2011. The years 2012 to 2018 exceeded the recession levels and the 2011 level. The 2018 residential housing unit permitting level in Loudoun was 0.7 percent less than in 2017. Loudoun continues to have one of the highest annual counts of residential permitting in the nation and the highest in Virginia.

The County's relatively large amount of residential construction, bringing with it more residents, has created increased service demands.



Total Residential Housing Units Permitted for New Construction

Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.



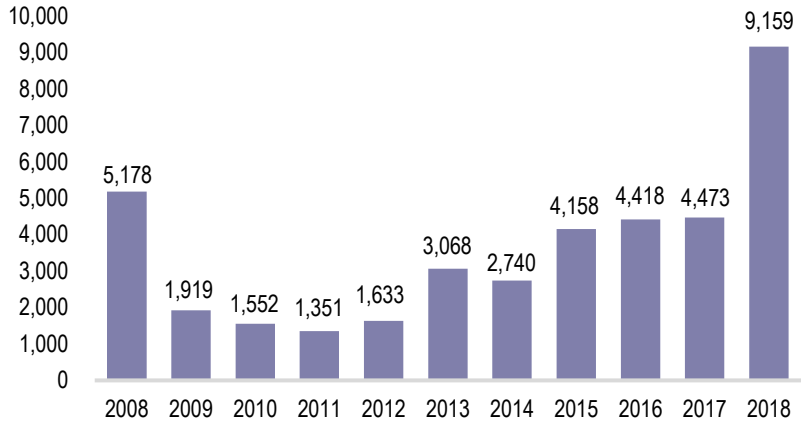
Residential Housing Units Permitted for New Construction by Unit Type

Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.

Demographics and Economic Trends

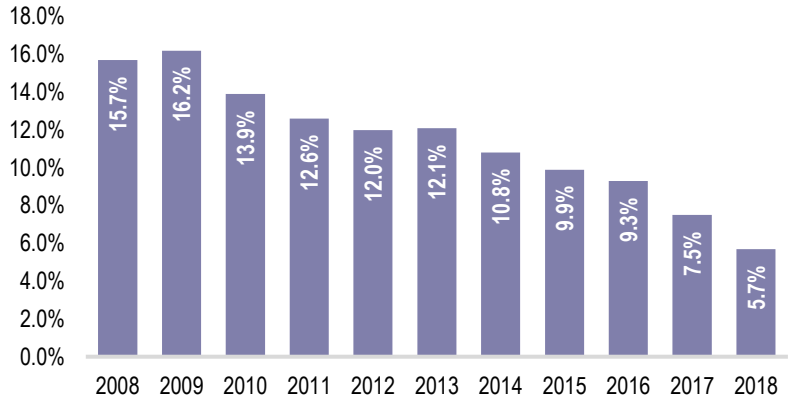
Non-Residential Construction and Vacancy Rate

Reduced levels of non-residential permitting from 2009 through 2012 were due to the 2008-09 recession. The jump in 2008 was largely due to the parking facilities associated with the Village at Leesburg mixed commercial-residential development. In 2015 there was a substantial increase and 2016 and 2017 continued the upward trend. The increases are due in part to development of new data centers. The 2018 volume was the highest annual total permitted since 2000 when the County permitted just under 8.0 million square feet of new structures.



New Non-Residential Construction – Thousands of Square Feet Permitted

Source: Loudoun County Department of Building and Development. Compiled by: Loudoun County Department of Planning and Zoning.

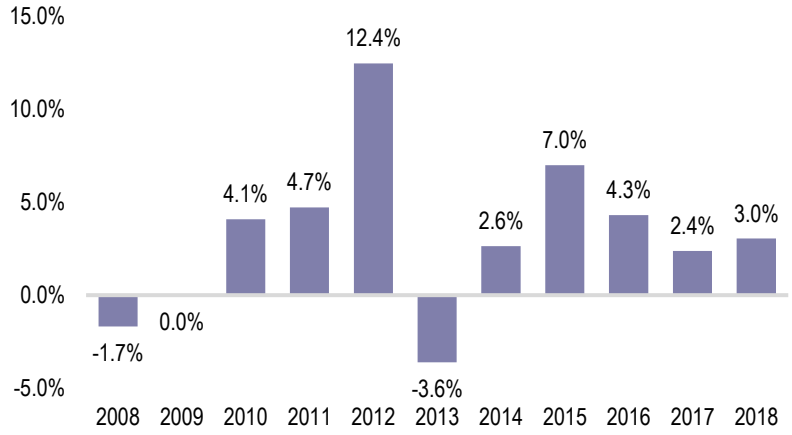


Commercial Property Vacancy Rates

Source: CoStar, average vacancy for each year for the combined set of properties classified as office, industrial, or flex. Compiled by: Loudoun County Department of Economic Development.

Retail Sales

Population growth and new retail development in Loudoun County have generally contributed to increased annual retail sales of tangible goods over time. The decline in retail sales in 2008 was due to the 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, which caused the 2012 percentage change to be overstated (and the 2013 change understated) relative to the value that would have occurred in the absence of any reporting errors. The retail sales reported for localities by the Virginia Department of Taxation, which administers the collection and distribution of sales and use taxes, only includes items that are subject to the general sales tax. State law exempts a host of goods from the sales tax, including motor vehicles (which are subject to a motor vehicle sales and use tax), travel trailers, motor vehicle fuels, newspapers not sold in newsstands, and a number of others.



Annual Percentage Change in Actual Retail Sales[1]

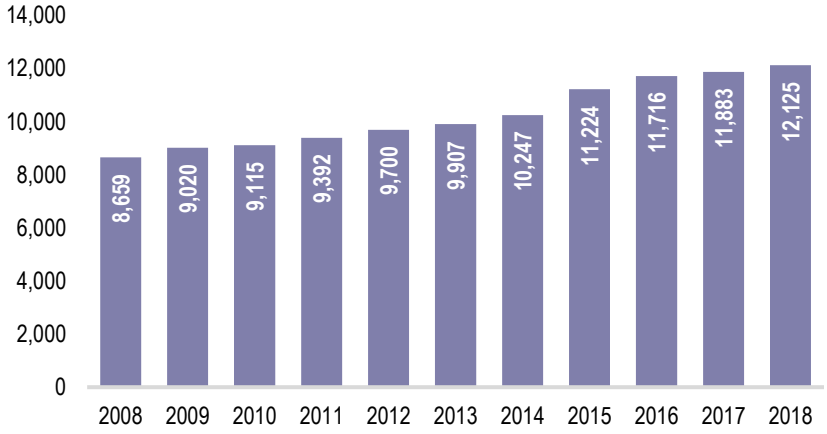
Source: Virginia Department of Taxation.

[1] 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.

Demographics and Economic Trends

Business Establishments

Since 2008, the number of business payroll establishments has grown each year, reflecting a growing population and economy. The number of establishments is used as a proxy for the number of businesses. An establishment is usually at a single location and engaged in one predominant activity. However, a company may be comprised of more than one establishment if they are at more than one location, or are engaged in multiple services or products that fall under different classifications. The annual growth in business establishments has been 3.4 percent per year over the past ten years.



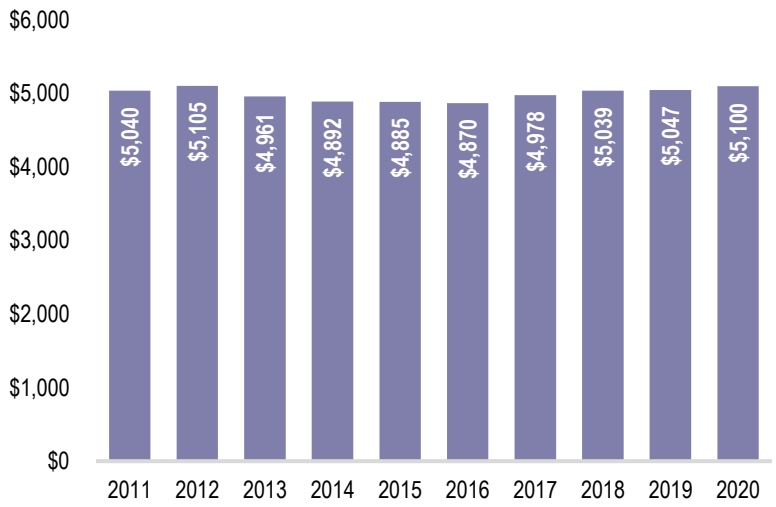
Number of Business Establishments

Source: Virginia Employment Commission, Second Quarter Data.

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. Below is a summary of the average assessed value of a home in Loudoun. The table identifies the average value on January 1 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. Since the number of housing units changes each year as new units are completed, some of the change in value results from new housing units each year. For this reason, the data does not provide the trend in value for units built more than one year prior.

Calendar Year	Fiscal Year	Tax Rate	Average Assessed Home Value[1]	Average Tax Bill
2010	2011	$1.300	$387,720	$5,040
2011	2012	$1.285	$397,300	$5,105
2012	2013	$1.235	$401,710	$4,961
2013	2014	$1.205	$405,975	$4,892
2014	2015	$1.155	$422,985	$4,885
2015	2016	$1.135	$429,100	$4,870
2016	2017	$1.145	$434,800	$4,978
2017	2018	$1.125	$447,700	$5,039
2018	2019	$1.085	$465,200	$5,047
2019	2020	$1.045	$488,000	$5,100



Average Annual Homeowner Tax Bill

Source: Loudoun County Commissioner of the Revenue. Compiled by: Department of Management and Budget.

[1] Values for FY 2014 and FY 2015 are estimates.

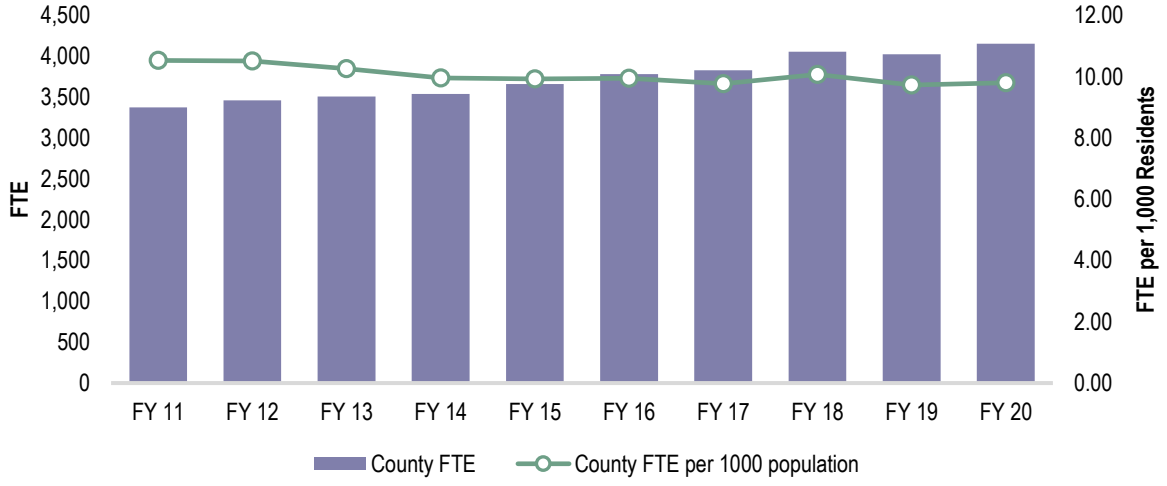
County Government FTE Per 1,000 population

One full-time equivalent employee (FTE) equates to one employee who is authorized to work the normal 1,950 hours per year (or 37.50 hours per week). The FTE of County Government does not include School System personnel. The number of County Government FTE per 1,000 residents has generally declined since 2008 as the resident population of the County grew more rapidly than the number of FTE. The decline in the ratio of FTE to population reflects a combination of efficiency improvements – whereby the same level of service to the public can be provided with fewer employees – and efforts to provide only those services that provide the greatest value to the community.

Fiscal Year	FTE per 1,000 Population
2011	10.53
2012	10.51
2013	10.26
2014	9.95
2015	9.92
2016	9.95
2017	9.77
2018	10.07
2019[1]	9.73
2020	9.80

County Government FTE per Capita[1]

Source: Loudoun County Department of Management and Budget.



[1] Beginning in FY 2019 with the full implementation of the Human Capital Management module of Oracle, all single incumbent positions with authorized weekly hours of 37.5 or greater are now assigned an FTE value of 1.00. In prior years, authorized weekly hours greater than 37.5 were assigned FTE values greater than 1.00. This recalculation caused a reduction of total FTE, but not the number of personnel.

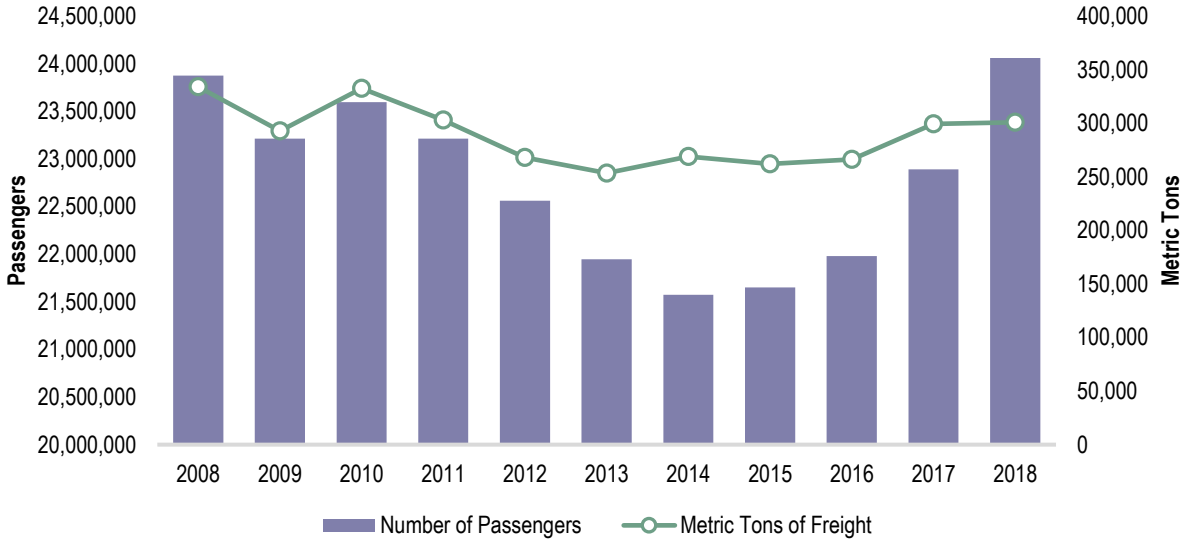
Passengers at Washington Dulles International Airport

The number of passengers at Washington Dulles International Airport, which is an important contributor to the County's economy, decreased in the early 2000s due to the terrorist attacks of September 11, 2001 and economic recession. Both passenger and freight traffic rebounded in 2004 and freight traffic continued to increase through 2007. The drop in passenger traffic from 2005 to 2006 reflects the cessation of operations by Independence Air in January 2006. Total passenger volume fell from 2010 to 2014 as international travel did not 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. Passenger volume has increased steadily since 2015, with 2018 exhibiting a 5.1 percent increase. The air freight sector at Dulles competes with other airports (some of which offer shippers more scheduled daily flights) and with alternate forms of freight transport (i.e., water, rail, and truck). The year-to-year fluctuations in annual tonnage at Dulles are similar to those for the air freight industry as a whole. Volume declined in 2008 and 2009 as the economic recession reduced production and trade activity. Tonnage increased in 2010 with economic recovery, but rising fuel costs in subsequent years induced shippers to utilize alternate (more fuel efficient) shipping modes to a greater degree. The sharp decline in fuel prices since the summer of 2014 enabled air freight to regain some market share.

An underground train system for moving passengers between the airport's main terminal and the various gates was completed in 2010. Enhancements such as this should improve the airport's ability to attract businesses to the County, thereby improving the future growth potential of the County's economy. In 2014, Frontier Airlines began passenger service between Dulles and eighteen other cities. In 2017, Air India, LAN Peru, and Air Canada commenced nonstop service to Delhi, Lima, and Toronto, respectively. Virginia's 2016-18 biennium budget included a $50 million grant to the airport authority to assist it in business attraction and retention by lowering airport fees.

Actual Number of Passengers and Metric Tons of Freight at Washington Dulles International Airport

Source: Metropolitan Washington Airports Authority.



Demographics and Economic Trends

Major Employers in Loudoun County (500+ employees) [1]

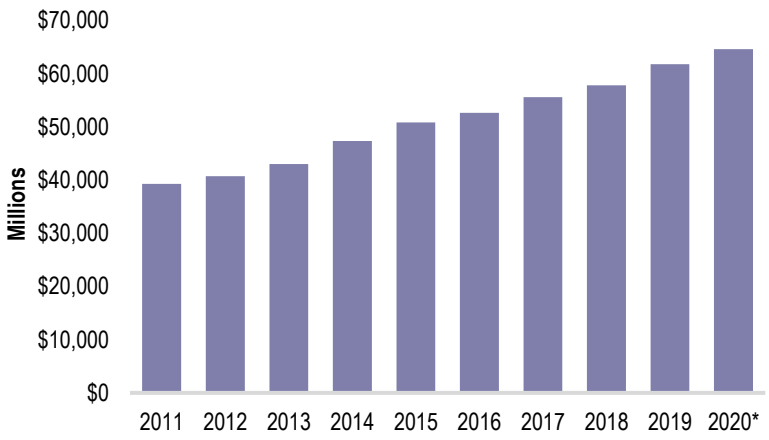
1. Loudoun County Public Schools
2. Loudoun County Government
3. Verizon
4. United Airlines
5. U.S. Department of Homeland Security
6. Northrop Grumman (former Orbital ATK)
7. Raytheon
8. Inova Health System
9. Swissport USA
10. Walmart
11. U.S. Postal Service
12. Air Serv Corp.
13. Wegman's
14. Gate Gourmet
15. Loudoun Medical Group
16. Harris Teeter
17. U.S. Department of Transportation
18. Dynalectric
19. Metro Washington Airports Authority
20. Northern Virginia Community College
21. Giant Food
22. Costco
23. Target
24. W.E. Bowers & Associates
25. McDonald's
26. JK Moving & Storage
27. The Home Depot
28. Toll Brothers
29. Howard Hughes Medical Institute (HHMI)
30. Chick-fil-a
31. Southland Industries
32. Ashby Ponds
33. Club Demonstration Services
34. Allied Universal
35. Rosendin Electric
36. Town of Leesburg

[1] Source: Virginia Employment Commission, Quarterly Census of Employment and Wages, Third Quarter 2018. Analysis by Loudoun County Department of Economic Development.

Assessed Value and Tax Rates

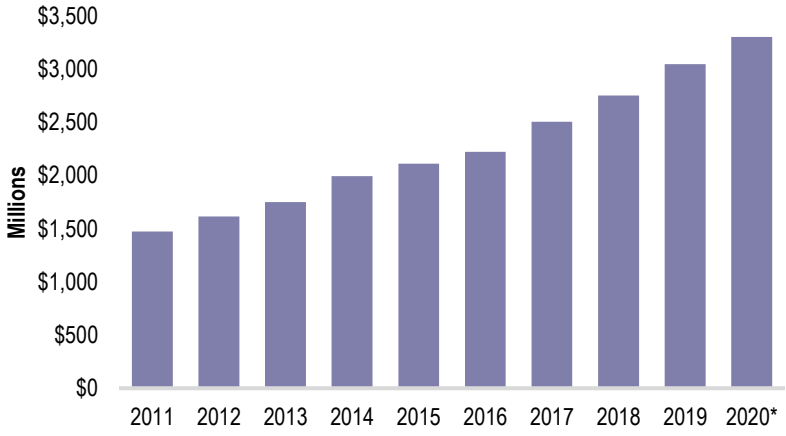
Assessed Valuation of Residential Property

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 in 2019. The active inventory of existing homes for sale was tight during all of 2018 which contributed to the highest rate of annual price appreciation since 2014. The value of multi-family rental property has increased steadily since 2011.



Assessed Valuation of Residential Property[1]

Source: Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget.



Assessed Valuation of Multi-Family Residential Property[1]

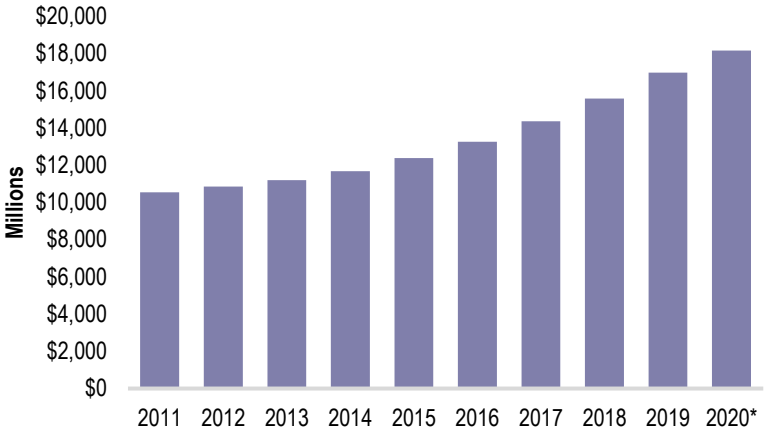
Source: Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget.

[1] Amounts provided for 2020 are forecasted amounts.

Assessed Value and Tax Rates

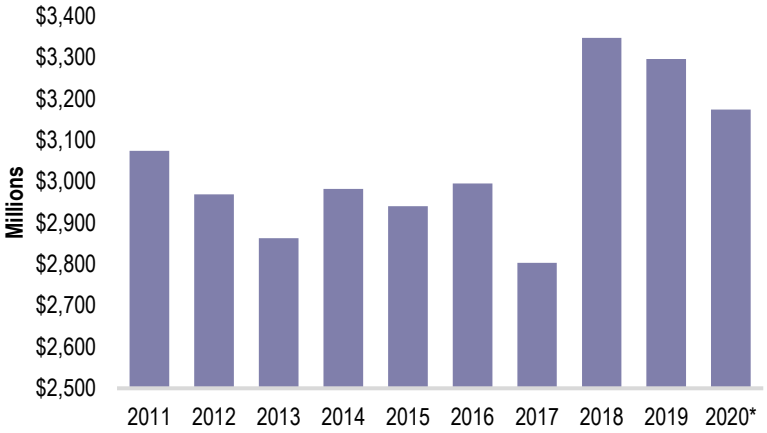
Assessed Valuation of Other Real Property

The fair market value of commercial and industrial property in Loudoun (reported as of each January 1st) declined in 2010 but has grown steadily since 2011 and is forecasted to increase during 2019, as indicated by the higher value on January 1, 2020 as compared to the 2019 value. Agricultural property fair market values experienced a sharp decline in 2009 and continued to decline through 2013. Fair market value has fluctuated from year to year after 2013. A portion of agricultural property is taxed on its use value (as agricultural, horticultural, or open space) rather than its fair market value.



Assessed Valuation of Commercial and Industrial Property[1]

Source: Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget



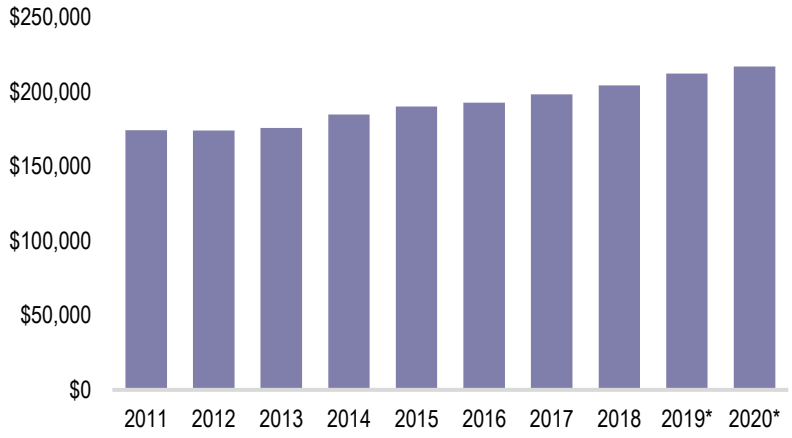
Assessed Valuation of Agricultural Property[1]

Source: Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget

[1] Amounts provided for 2020 are forecasted amounts.

Assessed Value Per Capita

The assessed fair market value of real property per capita increased sharply in Loudoun from 2000 through 2006, as the value of real property increased more rapidly than the population due largely to dramatic increases in home prices. 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 and rapidly rising property prices, the end of which caused property values to fall. The subsequent economic recovery was slow by historic standards which provided little stimulus to real estate valuations. Since 2010, the ratio has steadily increased at varying rates as real estate prices and construction activity have improved. The comparatively large increase from 2013 to 2014 coincided with significant appreciation in both residential and commercial property values. Annual property appreciation during 2014, 2015, and 2016 was more modest, and most of the increase in the assessed value per capita during these years was due to development of new buildings and parcel improvements. The rate of appreciation accelerated again in 2017 and 2018 resulting in an estimated assessed value per capita on January 1, 2019 of $212,536.



Assessed Value per Capita[1]

Source: U.S. Census Bureau (2010) and Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget.

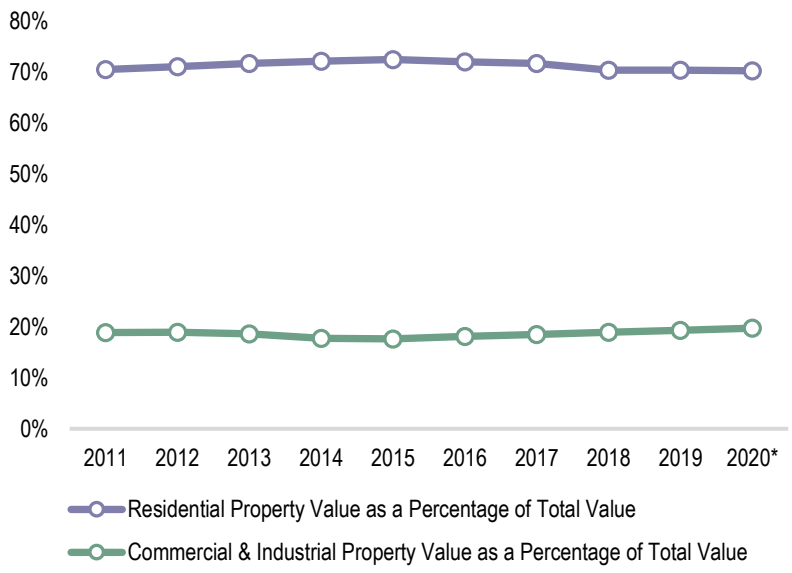
[1] Amounts provided for 2019 and 2020 are forecasted amounts.

Assessed Value and Tax Rates

Residential and Business Property – Share of Real Property Valuation

From 2003 through 2006 rapidly rising residential property values caused the residential share of assessed property value to increase to 76 percent while the commercial and industrial share declined. This trend reversed in 2007, reflecting declines in residential valuation and construction while commercial and industrial development's share reached a peak in 2009. The relative shares have roughly stabilized since 2011. (Not shown in the table are the shares of real property associated with multi-family 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
2011	70%	19%
2012	71%	19%
2013	72%	19%
2014	72%	18%
2015	72%	18%
2016	72%	18%
2017	72%	18%
2018	70%	19%
2019	70%	19%
2020 Forecast	70%	20%



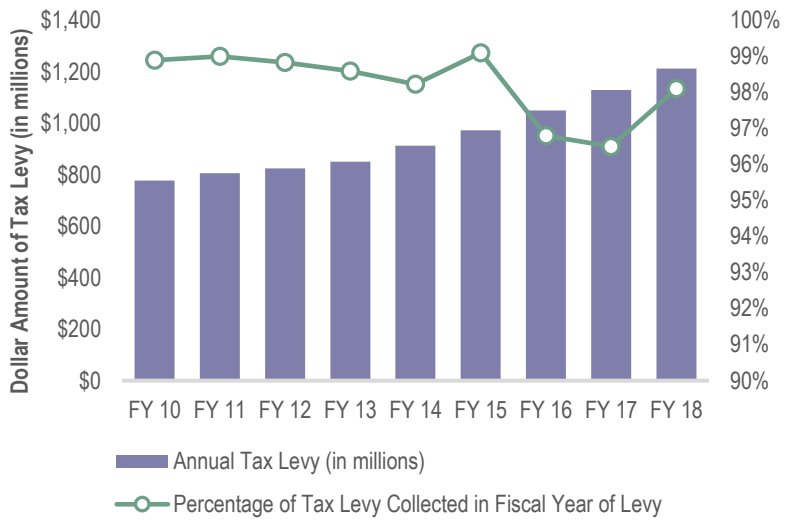
Residential and Commercial & Industrial Property Valuation as a Percentage of All Real Property[1]

Source: Loudoun County Commissioner of the Revenue. Compiled by Loudoun County Department of Management and Budget.

[1] Amounts for FY 2020 are forecasted amounts.

Property Tax Levy and Percentage of Tax Levy Collected

The general property tax levy, which includes both real and tangible personal property, has increased as the County has grown as shown in the chart below. The percentage of the tax levy actually collected within the fiscal year in which the levy occurs is also shown. This percentage averaged 98.8 percent in FY 2010 through FY 2015. The percentage is somewhat lower in FY 2016 and FY 2017 but most of the remaining levy that is not received in the year of the levy is eventually collected. Table I in the Comprehensive Annual Financial Report for FY 2018 shows the total collections to date for all fiscal years since 2009. For the years prior to FY 2018, the percentage of the annual levy collected as of the end of FY 2018 was greater than 99.8 percent for all years.



Total Property Tax Levy and Rate of Collection of Tax Levy

Source: Loudoun County Comprehensive Annual Financial Report for FY 2018, page 182.

Note: Both real property and personal property taxes are collected semiannually, with real property taxes due on December 5 and June 5. Personal property taxes are due on October 5 and May 5 (for residents) or June 5 (for businesses). The Collection Division of the Treasurer's Office does not pursue actions on delinquencies until 60 days after the due date.

Assessed Value and Tax Rates

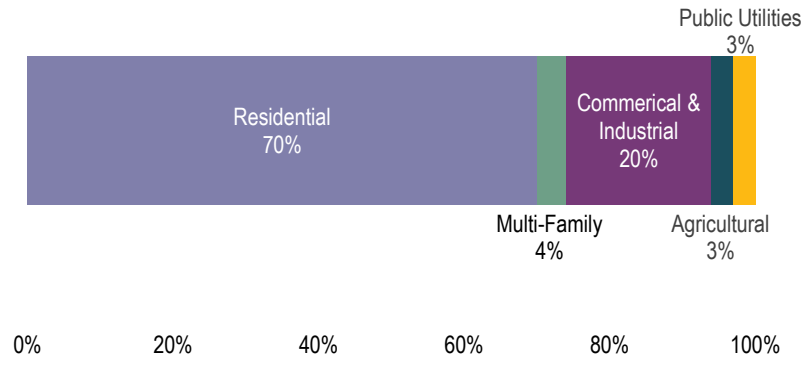
Real Property Assessed Values

There were large increases in taxable real property fair market values from 2002 through 2006, reaching a peak growth of 36 percent from January 1, 2005, to January 1, 2006. This increase was primarily the result of increased residential and commercial/industrial valuation. Residential valuation decreased from 2007 through 2010 but has increased since 2011. A decline in commercial/industrial property valuation occurred in 2010 and 2011 but began to increase again in 2012 and is now is expected to grow through 2019.

Taxable Real Property Assessed Values by Land Use Category for Loudoun County: January 1, 2009 – 2020

Year	Residential	Multi-family	Commercial & Industrial	Agricultural[1]	Public Utilities[2]	Total
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	52,693,724,262	2,224,266,480	13,259,311,949	2,995,288,600	2,052,149,067	73,224,740,358
2017	55,641,737,850	2,506,755,740	14,354,056,937	2,803,499,312	2,379,943,893	77,685,993,732
2018	57,872,425,690	2,751,431,570	15,579,308,630	3,347,546,494	2,759,389,058	82,310,101,442
2019	61,793,841,920	3,047,314,380	16,976,489,680	3,296,202,664	2,773,186,003	87,887,034,647
2020 Forecast	64,638,783,396	3,303,123,284	18,159,672,135	3,174,103,598	2,787,051,933	92,062,734,345

Source: Loudoun County Commissioner of the Revenue; Complied by Department of Management and Budget. *



FY 2020 Forecasted Taxable Real Property Assessed Value by Land Use Category

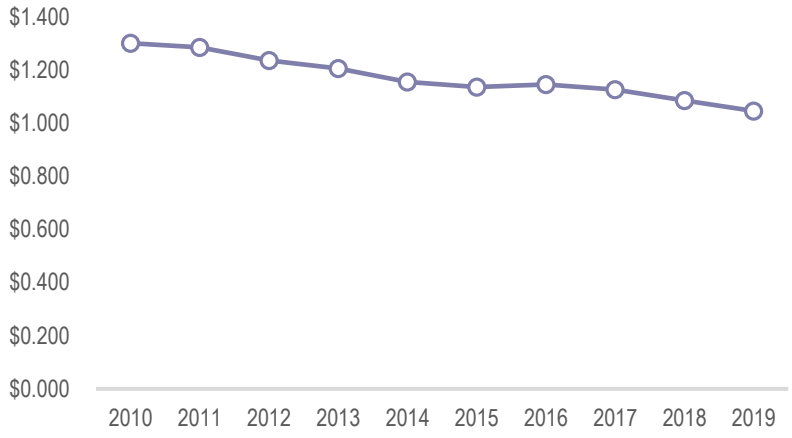
[1] Agricultural values are fair market values, not the land use valuations upon which the tax levy is based.

[2] The State Corporation Commission provides valuations as of January 1st for public utility property in September of each year, which is after publication of the budget. For years 2014 and after, the value of public utility tangible personal property other than motor vehicles is included in the assessed value of public utility real property since the real property tax rate applies to both.

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. The real estate tax rate is the general, countywide tax rate only and does not include any special district real property levies such as that for the Metrorail Services District.

Calendar Year	Real Estate Tax Rate	Personal Property Tax Rate[1]	Machinery & Tools Tax Rate	Heavy Equipment Tax Rate
2009	1.245	4.20	2.75	4.00
2010	1.300	4.20	2.75	4.00
2011	1.285	4.20	2.75	4.00
2012	1.235	4.20	2.75	4.00
2013	1.205	4.20	2.75	4.00
2014	1.155	4.20	2.75	4.00
2015	1.135	4.20	2.75	4.00
2016	1.145	4.20	2.75	4.00
2017	1.125	4.20	2.75	4.00
2018	1.085	4.20	2.75	4.00
2019	1.045	4.20	2.75	4.00



Adopted Real Estate Tax Rate per $100 of value

Source: Department of Management and Budget

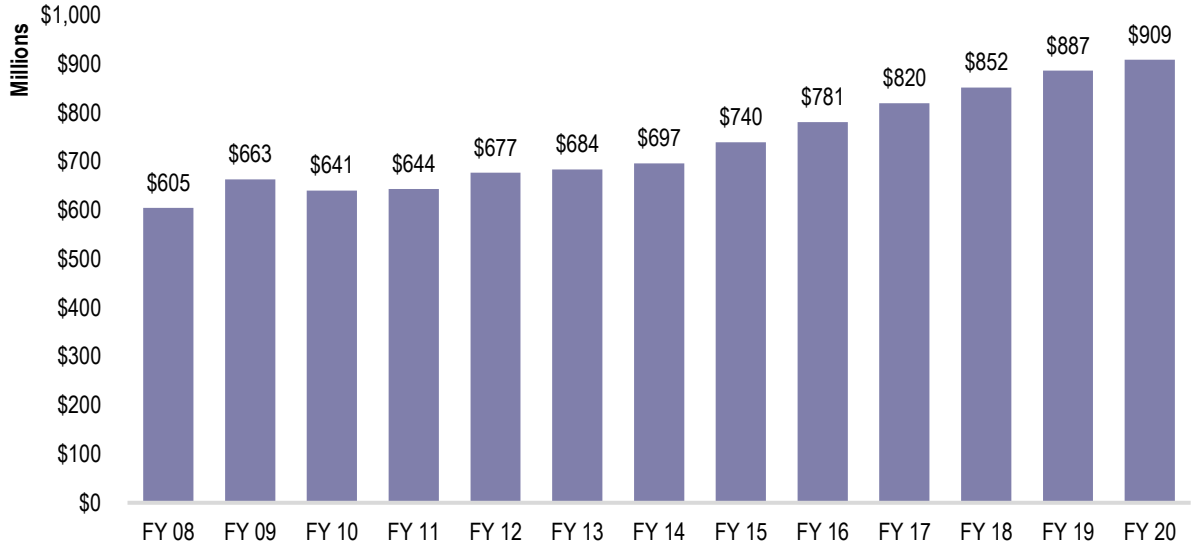
[1] The tax rate on real estate and non-motor vehicle personal property of public utilities is the same as the real estate tax rate. Public utility vehicles are taxed at the personal property tax rate.

Revenues and Expenditures

Real Property Taxes

Budgeted FY 2020 real property tax revenue is 2.5 percent higher than the amount budgeted in FY 2019. The tax on real property is the County's largest revenue source. For FY 2020, the budgeted real property tax revenue comprises 52.3 percent of General Fund Revenue net of Other Financing Sources (i.e., transfers from other funds and use of prior-year fund balance). Budgeted real property tax revenue also represents 47.2 percent of the total County Government and Schools budgeted operating expenditures.

Real Property Taxes[1]

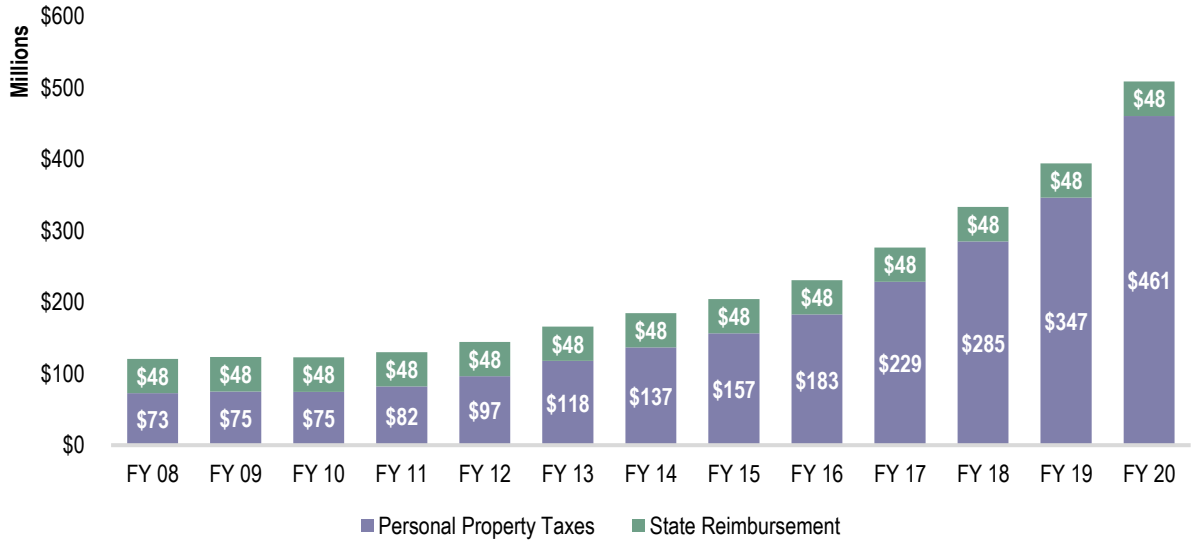


[1] The FY 2008 budget includes the Fire and Emergency Medical Services Tax District, which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.

Personal Property Taxes

The budgeted personal property tax revenue for FY 2020 is 29 percent higher than budgeted amount for FY 2019. 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. The Revenue Chapter in Volume I contains a table of personal property tax rates by class of property.

Personal Property Taxes[1]

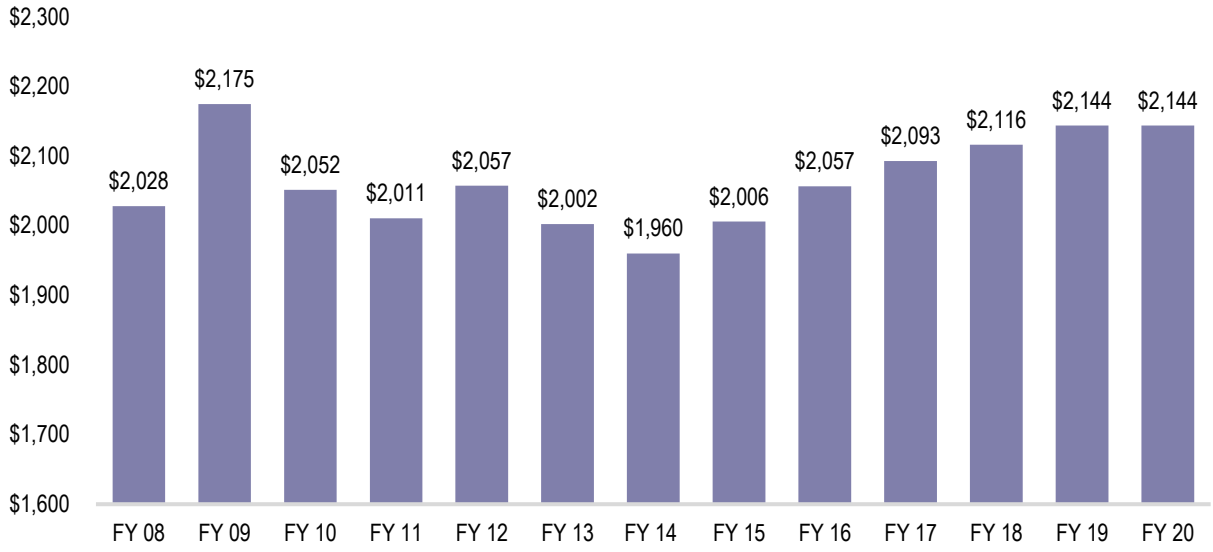


[1] The State began providing a partial reimbursement for the personal property tax on personal-use vehicles in 1999. The Personal Property Tax Reduction Act reduced the bill on the first $20,000 of assessed value per residential vehicle by an increasing amount through 2001, when the reimbursement rate was capped at 70 percent. The County continues to collect 100 percent 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.

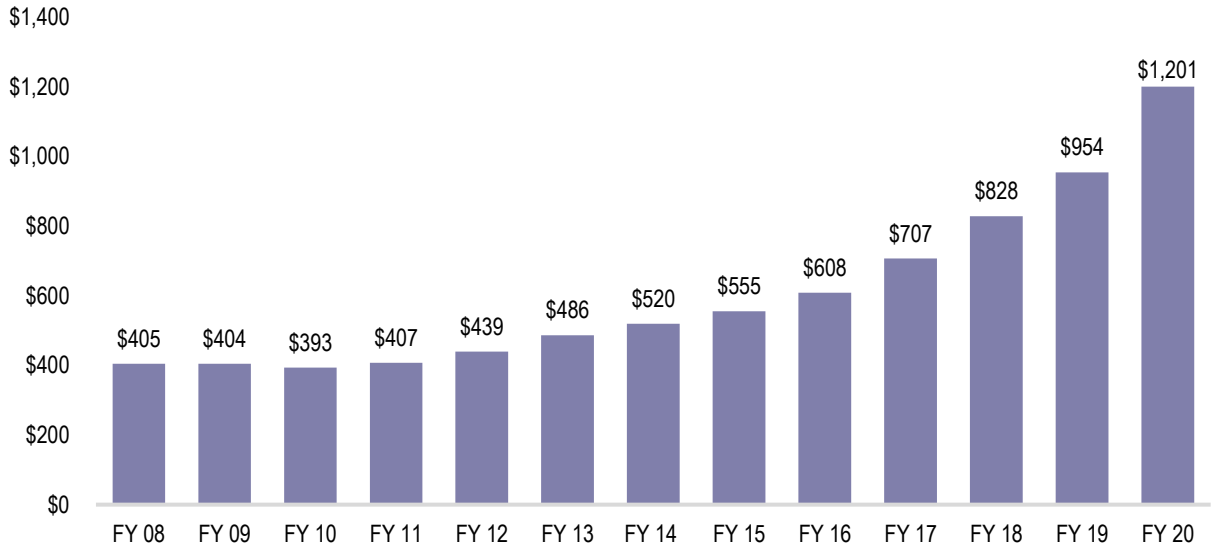
Personal Property and Real Property Taxes Per Capita

Budgeted real property tax revenue per capita in FY 2020 is equal to the FY 2019 value. Budgeted personal property tax revenue per capita increased by $247, or 26 percent, from FY 2019. 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.

Real Property Tax Revenue Per Capita



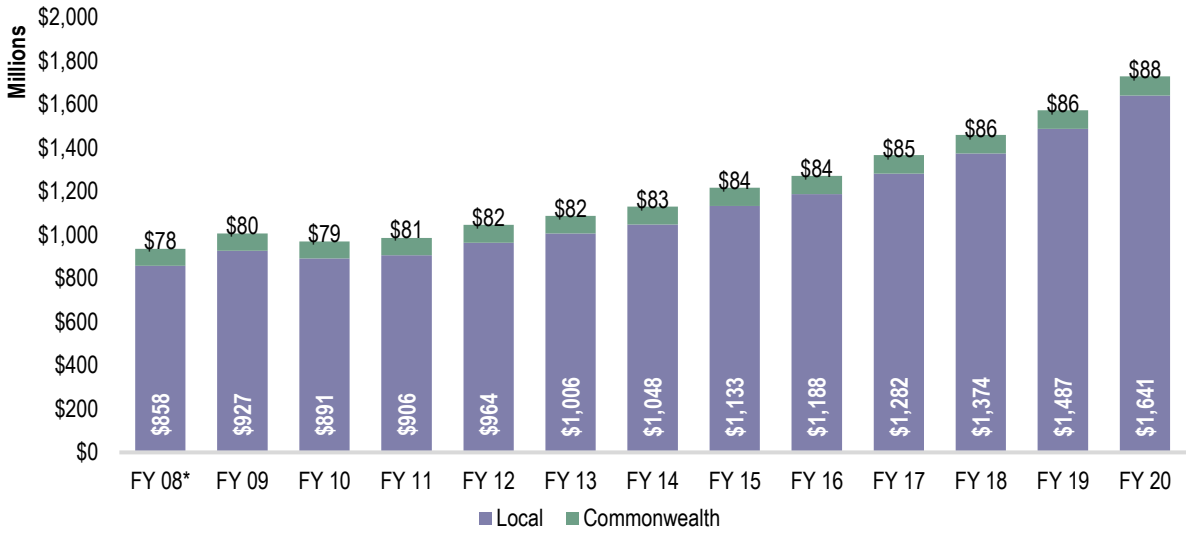
Personal Property Tax Revenue Per Capita



Local and Commonwealth Revenues

Budgeted local revenue increased by 10.4 percent in FY 2020. Revenue from the Commonwealth increased by 2.4 percent in FY 2020, from $86.0 million to $88.0 million. Commonwealth revenue includes the State's property tax reimbursement to Loudoun County of $48,071,700 annually for tax revenue lost due to the State's reduction in personal property tax for the first $20,000 of assessed value of a personal-use vehicle. This represents the conversion of a local revenue source to a Commonwealth revenue source. The budgeted Commonwealth revenue for FY 2020, exclusive of the State's personal property tax reimbursement, increased by $2.0 million or 5.4 percent compared with FY 2019. $1.2 million of this increase is attributable to an increase in shared expenses revenue. Commonwealth revenue in the County's General Fund does not include state funds provided directly to the Loudoun County Public School System.

Revenue from Local Sources and the Commonwealth[1]

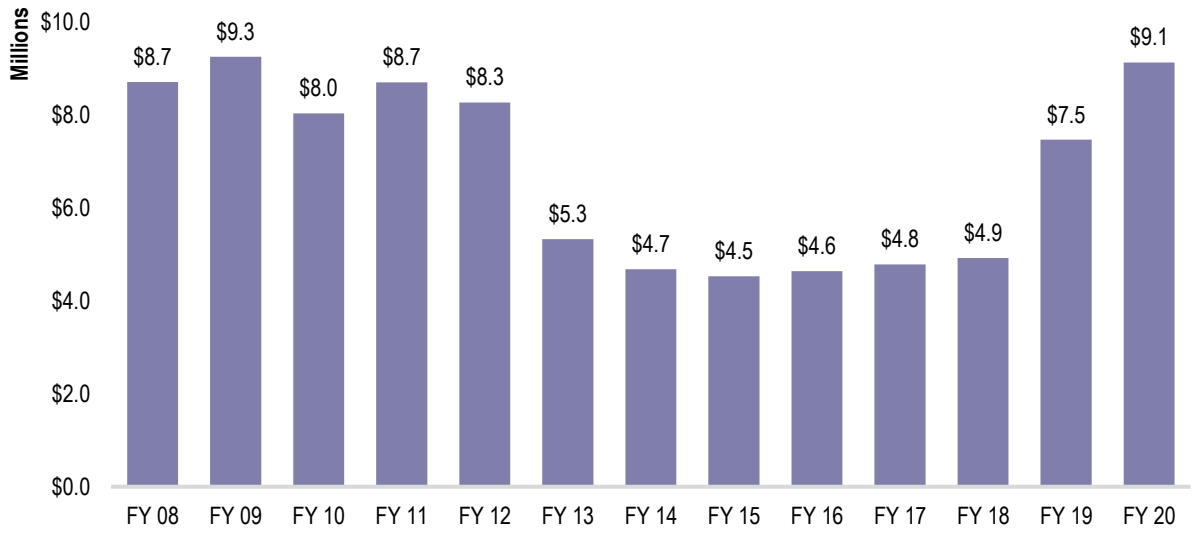


[1] The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.

Federal Revenue

Federal revenue in the General Fund, comprised mostly of program specific grants in a variety of different categories, increased significantly from FY 2005 through FY 2009. Since 2009 budgeted federal revenue has generally decreased through FY 2015, with the exception of FY 2011. In FY 2020, budgeted federal revenue exceeds the prior year budgeted amount by 22 percent. However, this approximate $1.7 million increase over the FY 2019 budgeted amount is mostly attributable to Medicaid expansion and to increased anticipated reimbursements of administrative costs for existing and new program mandates for the Department of Family Services. Budgeted federal revenues per capita reached a peak of $30 in FY 2009, declining to $12 in FY 2015 and remaining at this level until reaching $18 in FY 2019 and $22 in FY 2020. Federal revenues per capita in FY 2020 is still 29 percent below the FY 2009 peak value.

Federal Revenue[1]



[1] Loudoun receives other federal funds that are not administered through the County's General Fund. For example, federal money for low-income rental assistance is administered through the Rental Assistance Program Fund. Federal revenue in the County's General Fund also excludes federal funds that go directly to the Loudoun County Public School System.

General Fund Revenue Sources

The table below shows budgeted General Fund revenues by source for the fiscal years 2002 through 2020. The revenues shown exclude transfers to the General Fund from other funds and use of prior-year fund balance. Prior to 2001, local revenue comprised 92 percent of the total General Fund, while commonwealth revenue and federal revenue accounted for 6.5 percent and 1.5 percent, respectively. Beginning with the FY 2001 budget the State's annual reimbursement to Loudoun for the planned phase out of the personal property tax on personal-use motor vehicles is included in commonwealth revenue. In the FY 2003 budget, the increase in the personal property tax reimbursement caused the local revenue share to decline to 86 percent while the commonwealth share increased to nearly 13 percent. Thereafter, the State imposed a limit on the phase out of the vehicle personal property tax, capping the annual reimbursement to Loudoun at $48,070,701 in 2006 and beyond. As a result, the Commonwealth's share of the County's steadily increasing General Fund revenue has declined over time, amounting to 5.1 percent in FY 2020. Moreover, the State's fixed-dollar reimbursement for the vehicle personal property tax caused Loudoun vehicle owners to realize a smaller percentage discount on their vehicle tax bill (38 percent in calendar 2019) than is realized by residents in other jurisdictions with slower rates of growth. Federal revenue has consistently been the smallest portion of General Fund revenue. Although the dollar amount of federal revenue has varied over time, its share of the total has generally declined and represents only one-half percent of the County's General Fund in FY 2020.

General Fund Revenue Sources[1]

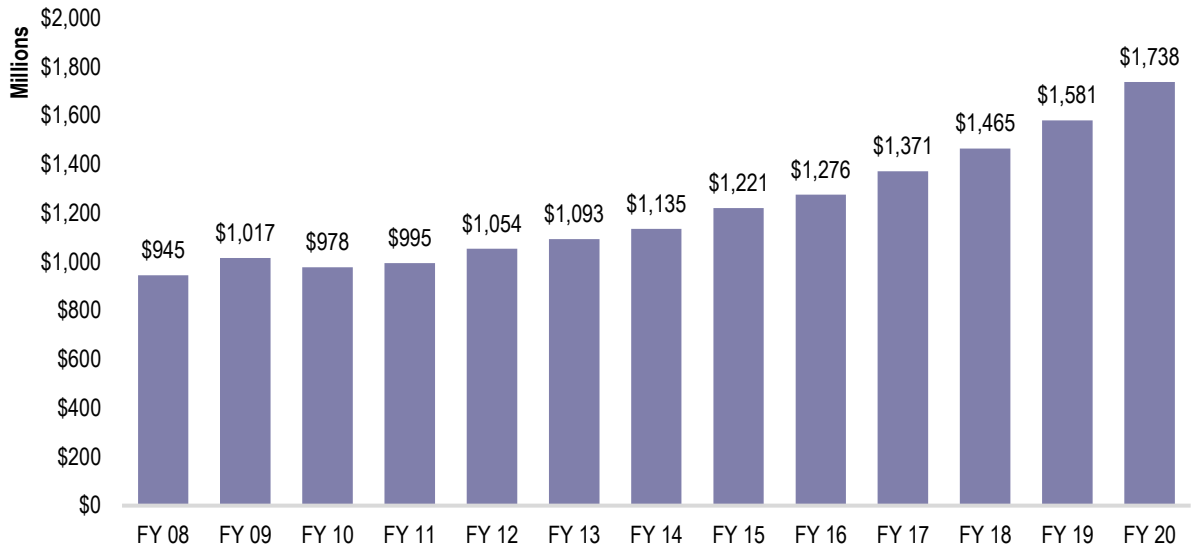
Fiscal Year	Local	Commonwealth	Federal
FY 2002	404,868,902	52,813,724	4,173,591
FY 2003	448,585,015	65,992,809	4,187,092
FY 2004	510,126,309	71,728,899	4,964,401
FY 2005	593,511,360	69,870,335	6,091,469
FY 2006	702,137,875	62,465,079	7,262,132
FY 2007	781,949,137	82,299,765	7,891,511
FY 2008	858,286,689	78,313,164	8,717,268
FY 2009	926,876,444	80,374,319	9,265,806
FY 2010	891,319,419	78,765,084	8,044,202
FY 2011	905,929,802	80,709,202	8,713,442
FY 2012	964,225,764	81,725,969	8,278,765
FY 2013	1,005,883,021	82,064,459	5,330,088
FY 2014	1,047,679,643	82,793,077	4,686,657
FY 2015	1,132,579,963	83,967,403	4,530,629
FY 2016	1,187,852,759	83,669,453	4,646,992
FY 2017	1,281,922,204	84,555,679	4,787,920
FY 2018	1,373,934,668	86,382,044	4,926,815
FY 2019	1,487,094,727	85,997,323	7,477,374
FY 2020	1,641,113,602	88,033,189	9,139,790

[1] The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.

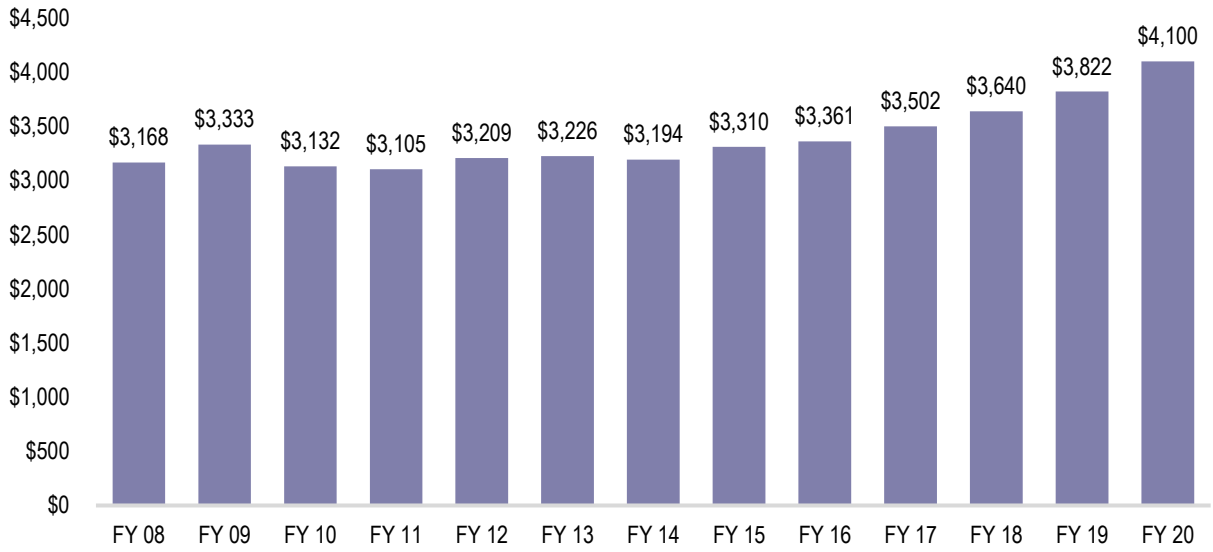
Revenues and Expenditures

Total General Fund Revenue

General Fund revenue for the FY 2020 Adopted Budget is 10 percent higher than that of the FY 2019 Adopted Budget.



Total General Fund Revenue Per Capita[1]

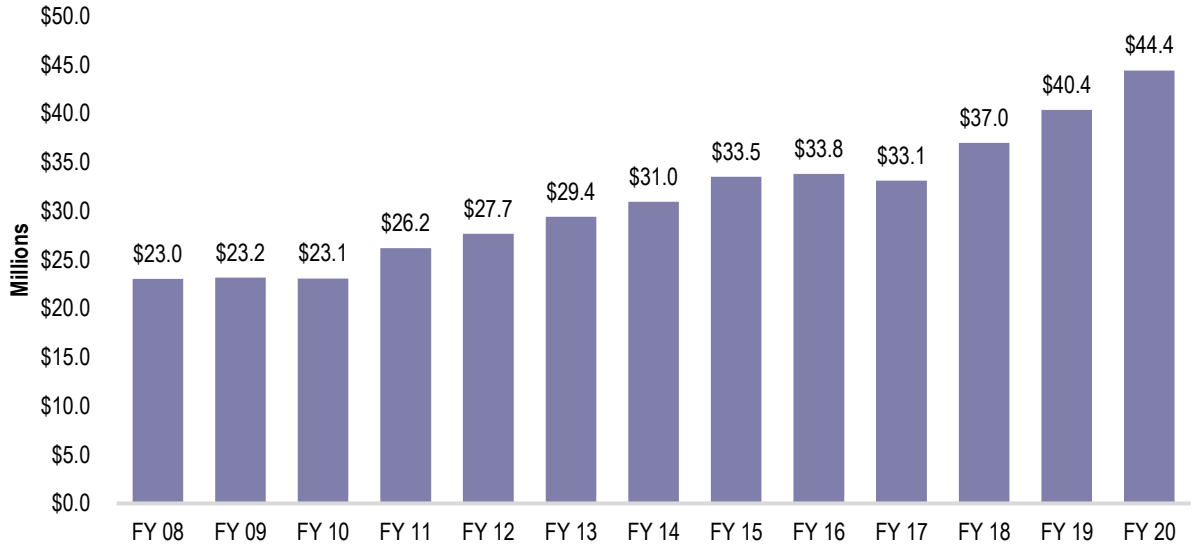


[1] Prior-year values of budgeted revenue per capita for years not coinciding with the decennial census are subject to change as estimates of the County's population in those years are updated.

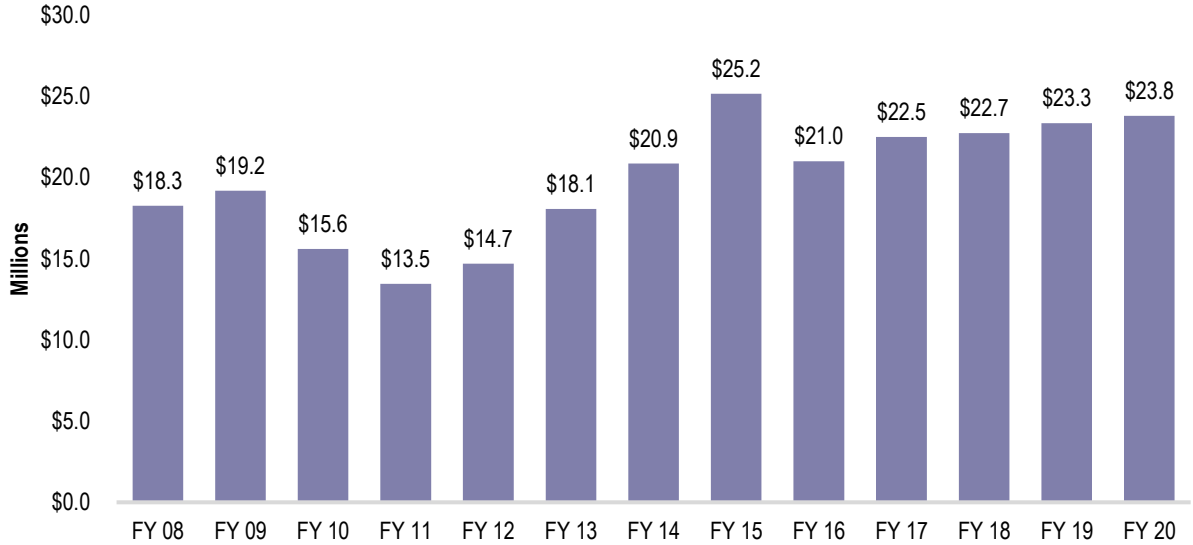
Charges for Services and Permits, Fees, & Licenses

Budgeted revenues shown on this page result from fees charged for services provided (e.g., after school activities, commuter bus service, solid waste disposal) and from licenses and permits required for certain activities (e.g., land development, dog licenses, building permits, etc.). FY 2020 revenue from charges for services is $4.0 million higher than in FY 2019, principally due to increased fee revenue from Parks, Recreation, and Community Services but also reflecting higher landfill fee revenue and bus fare revenue. Budgeted revenue from permits, fees, and licenses is 2.0 percent higher in FY 2020 than in FY 2019. Budgeted revenue from building permits in FY 2020, the largest category in dollar value, is $0.5 million above the budgeted FY 2019 level.

Charges for Services



Permits, Fees, & Licenses



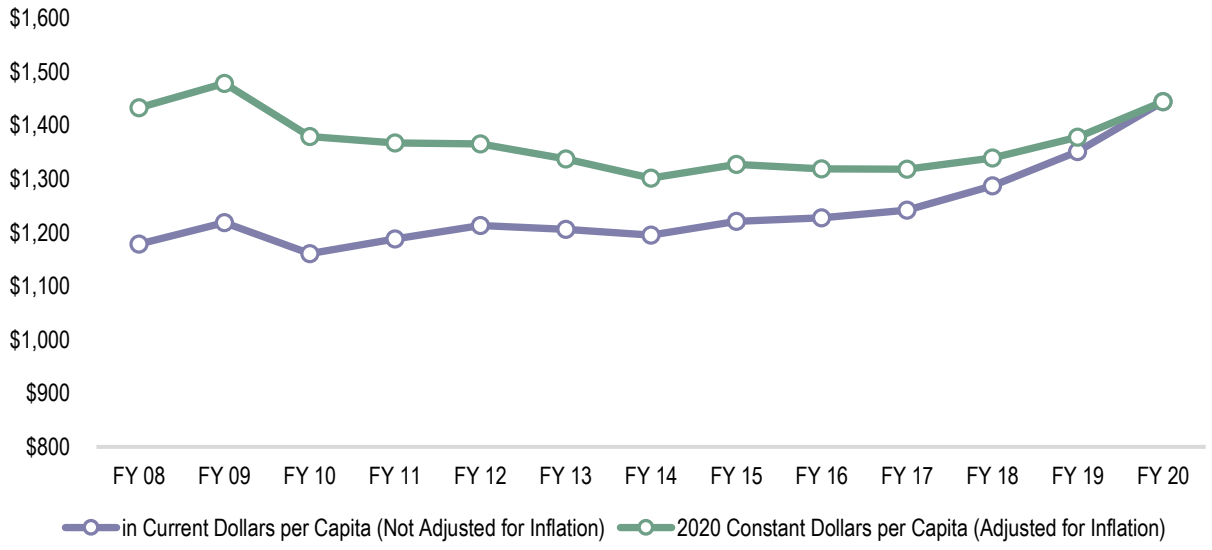
General Government Operating Expenditures Per Capita

Budgeted per capita spending for general county government operations (which excludes school spending) in constant dollars in FY 2020 is estimated to be 4.8 percent higher than its level in FY 2019, but it is still nearly 6.0 percent less than its previous peak level of $1,529 in FY 2007.

General Government Expenditures per Capita

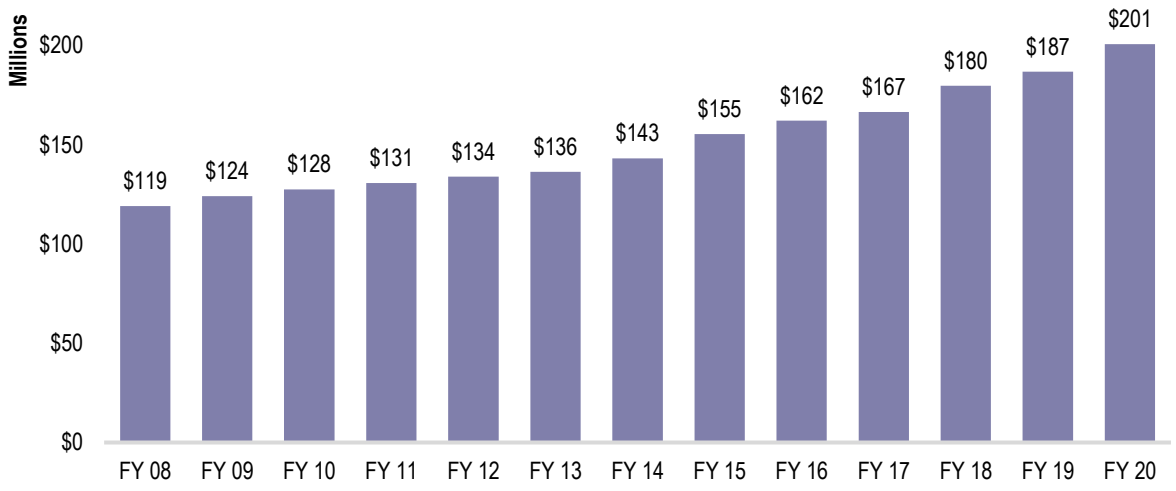
Fiscal Year	Current Dollars	2020 Constant Dollars	Percent Change
2008	$1,179	$1,433	-6.30%
2009	$1,219	$1,479	3.18%
2010	$1,161	$1,379	-6.72%
2011	$1,188	$1,368	-0.85%
2012	$1,213	$1,366	-0.15%
2013	$1,206	$1,337	-2.06%
2014	$1,195	$1,302	-2.67%
2015	$1,221	$1,327	1.97%
2016	$1,228	$1,319	-0.66%
2017	$1,242	$1,318	-0.04%
2018	$1,287	$1,339	1.61%
2019	$1,351	$1,378	2.88%
2020	$1,444	$1,444	4.80%

Expenditures Per Capita in Current and 2020 Dollars

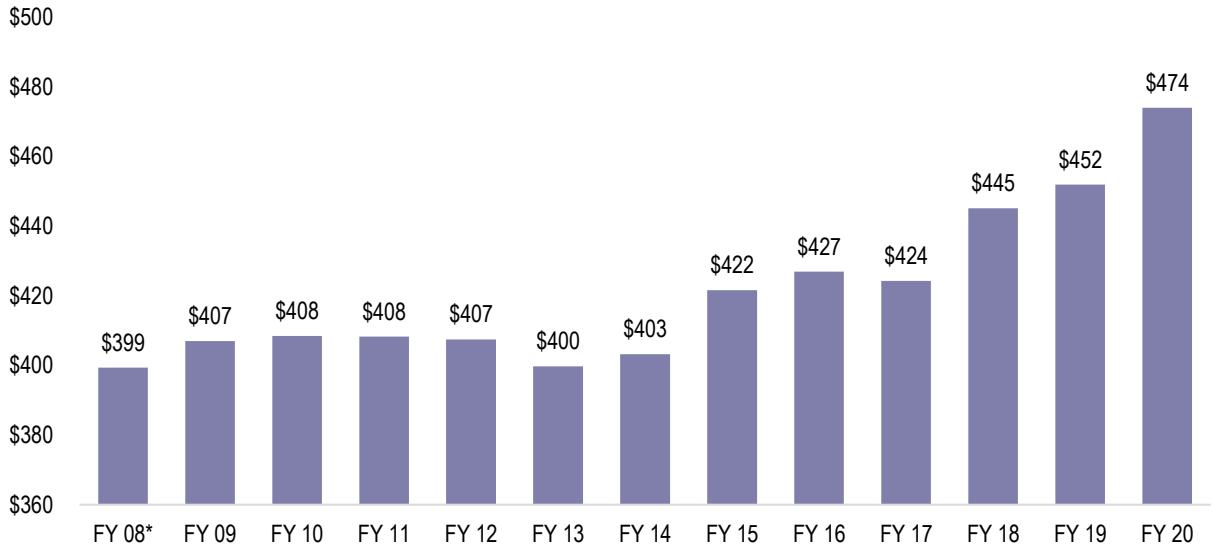


Public Safety Expenditures1

Budgeted expenditures for public safety are 7.4 percent higher in FY 2020 compared to the amount budgeted in FY 2019. The departmental expenditures for public safety reflect the following changes in FY 2020: Sheriff's Office 7.4 percent higher, Juvenile Court Services Unit increased by 5.1 percent, Community Corrections increased by 9.4 percent, Animal Services 5.1 percent higher and Fire, Rescue and Emergency Management increased by 7.5 percent. Explanations on these increases are provided in Volume 1 of this document in the Public Safety Chapter.



Public Safety Expenditures Per Capita



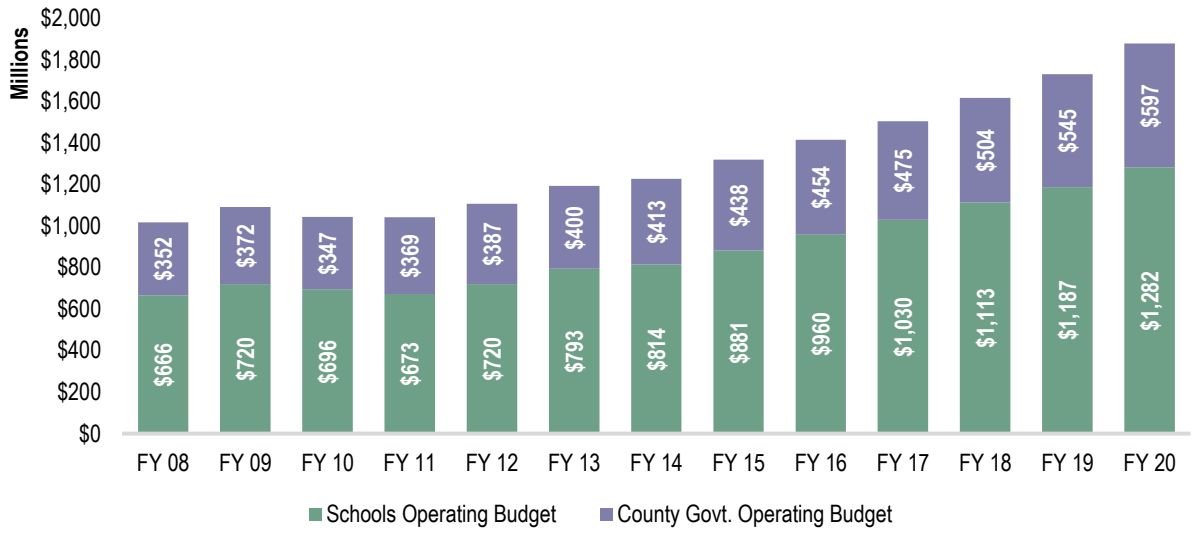
[1] The FY 2008 budget includes the Fire and Emergency Medical Services Tax District which was supported by a levy on real property located within Loudoun County. The Board of Supervisors eliminated the Fire and Emergency Medical Services Tax District during the FY 2009 budget process and included it in the General Fund where it had been previously.

Revenues and Expenditures

County Government and Schools Operating Budget

The county government's budgeted operating expenditures for FY 2020 are 9.7 percent above the budgeted FY 2019 amount, while the school system's operating budget increased by 8.0 percent. For the period from FY 2008 through FY 2020, the county government's operating budget increased at an average annual rate of 5.0 percent while the school system's operating budget increased at an average annual rate of 6.3 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[1]	School Operating[2]	Total
2008	$351,761,297	$666,463,614	$1,018,224,911
2009	$371,663,510	$719,984,402	$1,091,647,912
2010	$347,469,536	$695,597,732	$1,043,067,268
2011	$369,029,698	$673,018,656	$1,042,048,354
2012	$387,299,465	$720,004,559	$1,107,304,024
2013	$399,790,354	$793,422,308	$1,193,212,662
2014	$412,823,405	$813,746,163	$1,226,569,568
2015	$438,354,522	$881,384,233	$1,319,738,755
2016	$454,436,027	$960,191,449	$1,414,627,476
2017	$475,141,195	$1,029,895,621	$1,505,036,816
2018	$504,249,150	$1,113,478,387	$1,617,727,537
2019	$544,620,325	$1,187,317,681	$1,731,938,006
2020	$597,349,201	$1,282,162,892	$1,879,512,093



[1] For FY 2008, the general government expenditures include transfers to the Self Insurance Fund, Public Safety Communications Fund, the Federal Foster Care Reimbursement Fund, and the Fire/Emergency Medical Services Tax.

[2] Revised from values published in prior years to exclude Grant Fund expenditures and Lease/Purchase Fund expenditures.

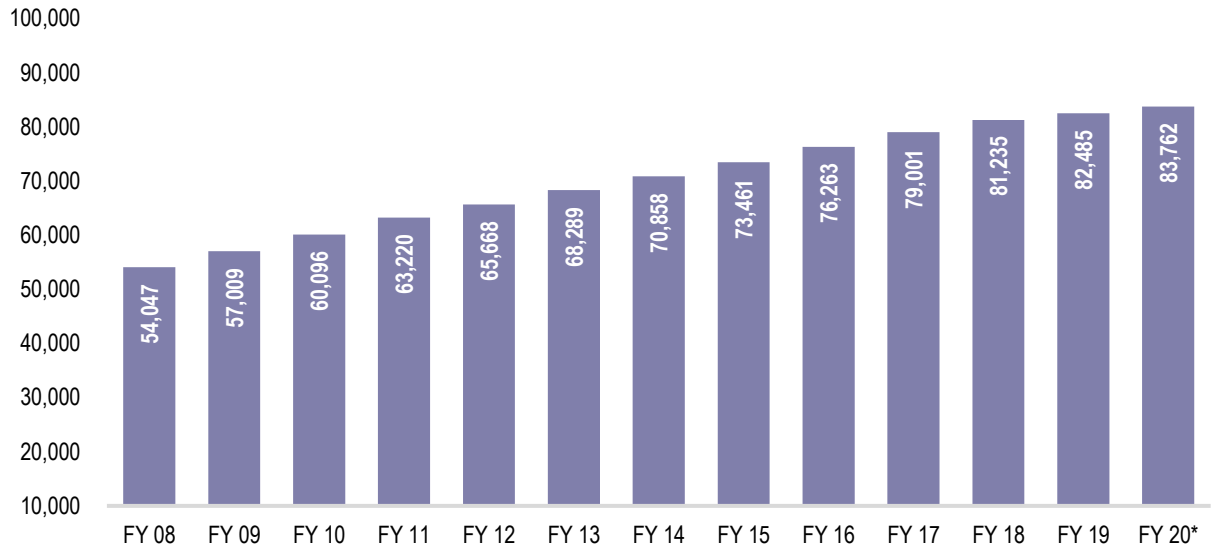
Loudoun County School System Enrollment

Public school enrollment has increased steadily, but the rate of growth is moderating from the rapid rates of the past decade. School enrollment is projected to increase 1.5 percent in FY 2020, following a 1.5 percent increase in FY 2019. The projected rate of school enrollment growth in FY 2020 is below to the County's 2020 projected population growth rate of 2.5 percent. School enrollment figures are reported as of September 30th of the fiscal year (e.g., September 30, 2018 for FY 2019).

Fiscal Year	Enrollment	% Change
FY 2008	54,047	7.1%
FY 2009	57,009	5.5%
FY 2010	60,096	5.4%
FY 2011	63,220	5.2%
FY 2012	65,668	3.9%
FY 2013	68,289	4.0%
FY 2014	70,858	3.8%
FY 2015	73,461	3.7%
FY 2016	76,263	3.8%
FY 2017	79,001	3.6%
FY 2018	81,235	2.8%
FY 2019	82,485	1.5%
FY 2020[1]	83,762	1.5%

School System Enrollment[1]

Source: Loudoun School Board FY 2020 – FY 2025 Adopted Capital Improvement Program (December 11, 2018)

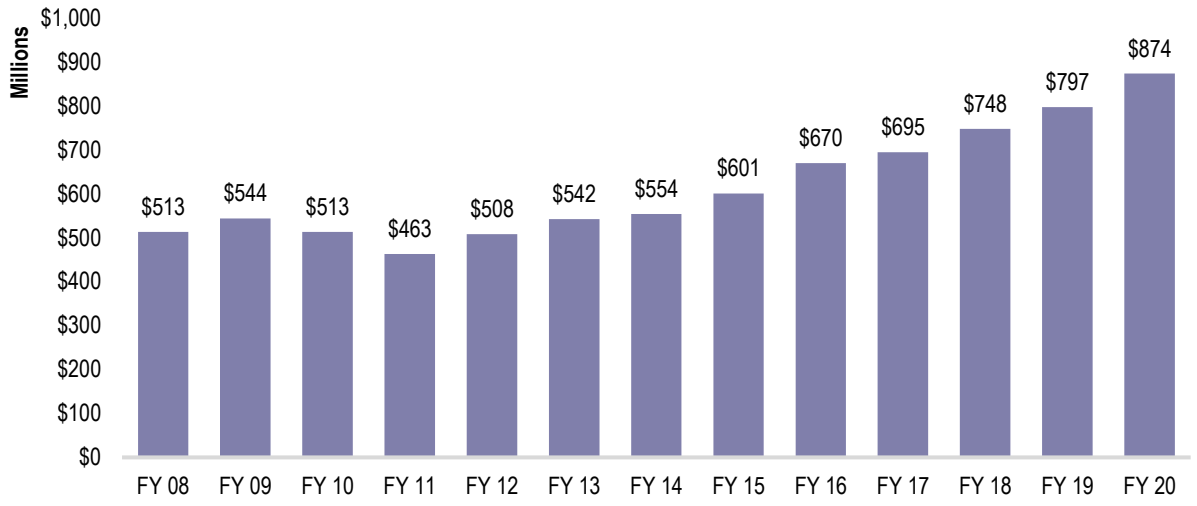


[1] Amounts for FY 2020 reflected forecasted school system enrollment.

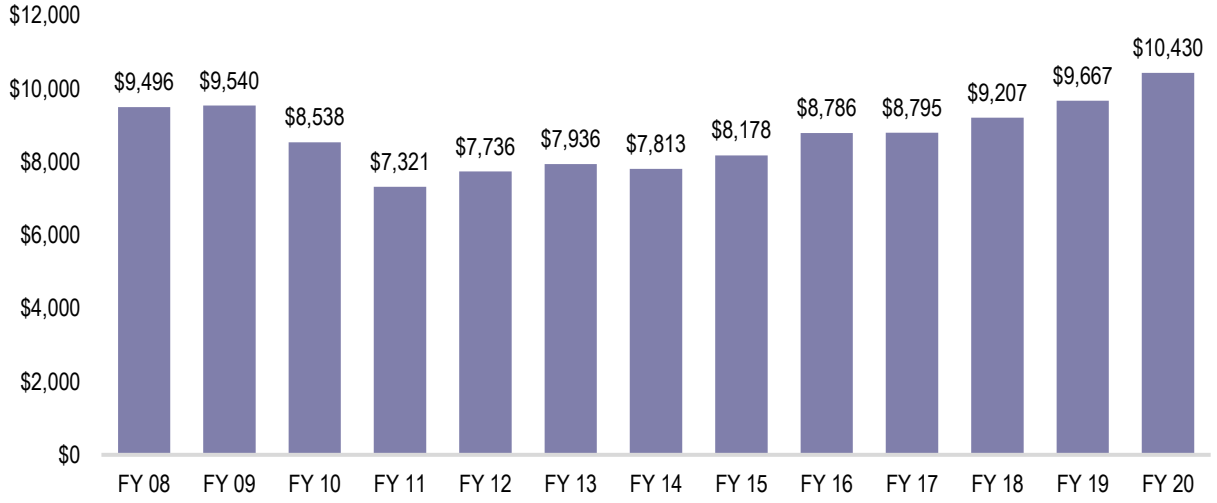
General Fund Transfer to Schools

General fund transfers to the public school system have generally increased over time in order to keep pace with the continuing growth in school enrollment[1]. The transfers increased every year from FY 1994 through FY 2009, before experiencing two consecutive years of decline as the County dealt with the impacts of the 2008-09 recession. Since FY 2011, the annual transfer has increased and will increase again by 9.6 percent in FY 2020. School enrollment in FY 2020 is expected to be 55 percent higher than it was in FY 2008. The general fund transfer per pupil also increased steadily from FY 1995 through FY 2009 before decreasing for two consecutive years. In FY 2020 the transfer per pupil will increase by 7.9 percent.

General Fund Transfer to Schools



General Fund Transfer to Schools Per Pupil



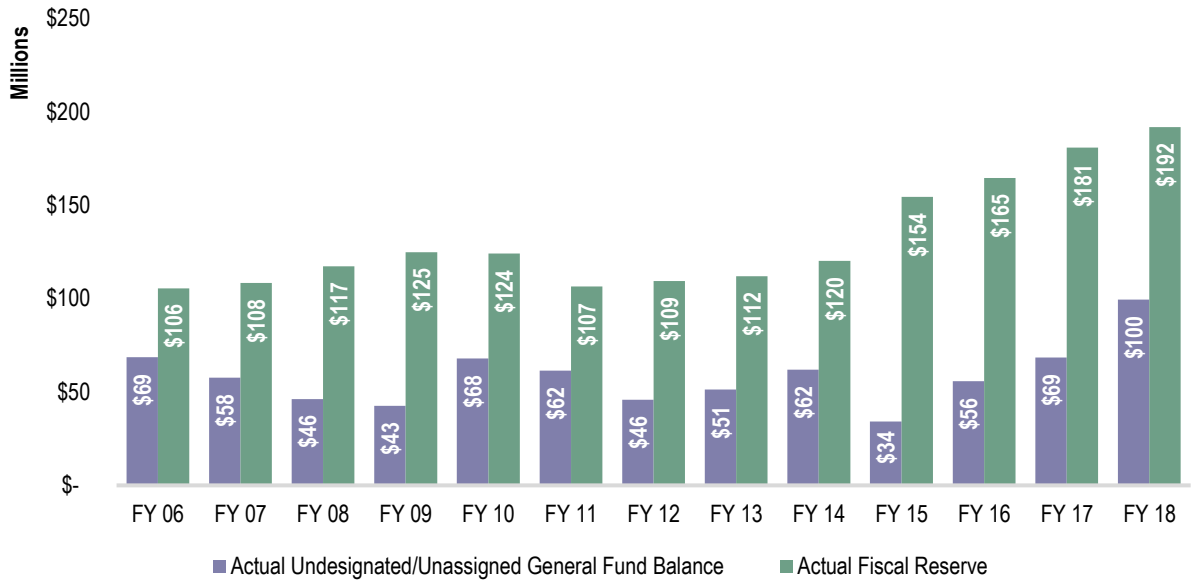
[1] The annual transfer amounts for FY 2009 and subsequent years include funds slated to cover Other Post-Retirement Employee Benefits (OPEB).

Actual Unrestricted/Unassigned General Fund Balance

Unrestricted/unassigned General Fund balance are unspent funds in the General Fund at the end of the fiscal year that are not reserved or designated for a specific purpose by the Board of Supervisors. A positive fund balance occurs when actual revenue for a fiscal year exceeds budgeted revenue or actual expenditure is less than the budgeted expenditure or both. 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 percent 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.)

Actual Fiscal Reserve and Unrestricted/Unassigned General Fund Balance

Source: Comprehensive Annual Financial Reports. See "Notes to Financial Statements."



Glossary and Index
FY 2020 Adopted Budget

Contents

Glossary 16-2

Index 16-12

LOUDOUN COUNTY VIRGINIA
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Glossary of Terms

501(c)3	Exempt tax status afforded to nonprofit organizations meeting certain criteria.
Accrual Basis of Accounting	A method of accounting that recognizes the financial effect of transactions, events, and interfund activities when they occur, regardless of the timing of related cash flows.
Actual(s)	Revenues and expenditures that occur in a prior fiscal year. Actuals differ from budgeted figures in that they represent the real disbursements and/or collections that take place subsequent to budget adoption.
Adjusted Gross Income	Adjusted Gross Income is the key before-tax definition of income used by the IRS to compute individual income tax liabilities and is defined as: "all income that is received in the form of money, property, and services and that is not explicitly exempt by law."
Adopted Budget	A plan of financial operations approved by the Board of Supervisors highlighting major changes made to the County Administrator's Proposed Budget. The Adopted Budget reflects approved tax rates and estimates of revenues, expenditures, transfers and departmental goals, objectives, and performance/workload indicators. This document is commonly referred to as the Adopted Budget.
Annual Budget	An itemized listing of the amount of all estimated support and revenue which an organization anticipates receiving, along with a listing of all estimated costs and expenses that will be incurred in the operation of the organization over one fiscal year.
Appropriation	A legal authorization granted by the Board of Supervisors to a specified organization, such as a unit of the County government or an affiliated regional organization, to make expenditures and to incur obligations for specific purposes. An appropriation is limited in dollar amount and as to when it may be spent, usually expiring at the end of the fiscal year.
Appropriation Resolution	A legally binding document prepared by the Department of Management and Budget which delineates by fund and department all expenditures and revenues adopted by the Board of Supervisors which are reflected in the Adopted Budget.
Assess	To place a value on property for tax purposes.
Assessed Valuation	The appraised value of property for purposes of property taxation. The assigned valuation covers real and personal property at 100 percent valuation.
Assessment	A charge of money collected by the government from people or businesses for public use.
Asset	Owned resources, possibly held by Loudoun County, which have a monetary value.
Audit	A formal examination of an organization's or individual's accounts or financial situation.
Basis Point	Equal to 1/100 of one percent. For example, if interest rates rise from 6.50 percent to 6.75 percent, the difference is referred to as an increase of 25 basis points.
Balanced Budget	A financial plan in which total expenditures equal total revenue and/or fund balance.
Base Budget	The cost of continuing existing levels of service in the upcoming budget year.

Benchmark	A factor or standard used to assess the effectiveness of a service or program in comparison with other organizations or jurisdictions.
Bond	A written promise to pay a specified sum of money (called the principal) at a specified date in the future, together with periodic interest at a specified rate. In the budget document, these payments are identified as debt service. Bonds may be used as an alternative to tax receipts to secure revenue for long-term capital improvements. County debt, to which the full faith and credit of the County is pledged, is approved by voter referendum. The State Constitution mandates taxes on real property sufficient to pay the principal and interest of such bonds. The majority of bonds issued for County and School construction projects are known as general obligation bonds.
Bond Rating	The rating of bonds as a statement of a locality's economic, financial, and managerial condition. The bond rating represents the business community's assessment of the investment quality of a local government.
Budget	A specific plan which identifies a plan of operations for the fiscal year, states the expenditures required to meet that plan of operations, and identifies the revenue necessary to finance the plan. The annual County budget is established by the Board of Supervisors' Appropriation Resolution.
Budget Calendar	Schedule of key dates which a government follows in the preparation and adoption of the budget.
Business, Professional, and Occupational License (BPOL)	Refers to the license tax that is levied upon the privilege of doing business or engaging in a profession, trade, or occupation in the County.
Capital Asset Replacement Fund	A fund established to ensure a consistent means of financing and planning for Countywide major maintenance efforts. This fund provides a mechanism for the replacement and rehabilitation of major components of the School and County physical plant including structural, mechanical, electrical, plumbing and site-related efforts.
Capital Expenditures	Expenditures on all fixed assets with a value greater than $5,000 and an expected life of 3 years or more.
Capital Facilities	Fixed assets, primarily buildings, acquired or constructed by the County.
Capital Improvement Program	The County's plan for future capital project expenditures. The six-year plan covers public facilities, resulting in the construction or acquisition of fixed assets, primarily buildings, but also including parks, land, landfills, etc.
Capital Outlay	Expenditures for items of a substantial nature that are expected to have a useful life of more than one year. Examples include personal computers, vehicles, radios, and furniture.
Carryover Funds	Unexpended funds from the previous fiscal year which may be used to make payments in the current fiscal year. This is also referred to as the beginning fund balance.

Glossary

Children's Services Act for At-Risk Youth (CSA)	This is a joint project of the Departments of Family Services; Mental Health, Substance Abuse, and Developmental Services; Management and Budget; Finance and Procurement; Juvenile Courts; the School System and community service providers and private citizens. CSA is funded jointly by the State and the County. The project goal is to maintain, strengthen and reunify at-risk youth and their families.
Code of Virginia	The titles, chapters, articles, and sections of this Code contain the laws of the State.
Codified Ordinance	Regulation related to a specific code, such as the Code of the Commonwealth of Virginia.
Comprehensive Annual Financial Report (CAFR)	This official annual report, prepared by the Department of Finance, presents the status of the County's finances in a standardized format. The CAFR is organized by fund and contains two basic types of information: (1) a balance sheet that compares assets with liabilities and fund balance, and (2) an operating statement that compares revenues and expenditures.
Constituent	A resident in an electoral district.
Constitutional Officers	Officers or agencies directed by elected officials (Clerk of the Circuit Court, Commissioner of the Revenue, Commonwealth's Attorney, Sheriff, and Treasurer) whose positions are established by the Constitution of the Commonwealth of Virginia or its statutes.
Contractual Services	Services rendered to a government by private firms, individuals, or other governmental agencies.
County Seat	An administrative center of a community. Leesburg is the County Seat of Loudoun County.
County Zoning Map	The unincorporated areas of Loudoun County are divided into districts indicated on the Zoning Map. It is the final authority as to the current zoning status of land and water areas, buildings, and other structures in the County.
County Zoning Ordinance	This zoning ordinance was adopted by the County in conformance with the provisions of Title 15.1, Chapter 11, Article 8, of the Code of the Commonwealth of Virginia. Its purpose is to promote the health, safety, and general welfare of the public. The zoning ordinance is a means of controlling land use. For example, zoning ordinances can help to prevent traffic congestion, protect historic areas, and control population density.
Debt	An obligation resulting from the borrowing of money.
Debt Service	Funding as defined by the State Auditor of Public Accounts that finances and accounts for the payment of principal and interest on bonds.
Department	Basic organizational unit of the County government which is functionally unique in its service delivery responsibilities.
Depreciation	Expiration in the service life of capital assets attributable to wear and tear, deterioration, action of the physical elements, inadequacy, or obsolescence.
Division	Major organizational subunits.

Emergency Operations Center (EOC) The Emergency Operations Center (EOC) provides a central location to determine situational status, coordinate actions, and make critical decisions during emergency and disaster situations. Emergency Management staff maintains the EOC during routine operations. Personnel from various departments and agencies in the county along with key organizations outside the County comprise the EOC staff during activation.

Encumbrance A reservation of funds for an anticipated expenditure prior to actual payment of an item. Funds are usually reserved or encumbered once a contract obligation has been signed, but prior to the actual disbursement of the cash payment.

Enhancement "Enhancement" is a general term used for new initiatives that may consist of: (1) expansions or improvements to an existing program, (2) establishment of a new program, (3) a proposal to fund from local dollars a program which has previously been supported by non-local sources of revenue, or (4) an increase in revenue due to a new fee or an increase in fee rates.

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.

Glossary

Fiscal Year — This is the period of time measurement used by the County for budgeting and accounting purposes. The fiscal year consists of the twelve months beginning on July 1st and ending June 30th.

FTE — Full-Time Equivalent, considering all full-time and part-time staff positions. One FTE consists of 1,950 work hours per year.

Fund — A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities, or balances and changes therein. Funds are segregated for the purpose of carrying out specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations.

Fund Balance — The amount of money or other resources remaining unspent or unencumbered in a fund at a specific point in time. This term usually refers to funding available at the end of the fiscal year.

Fund Type — A group of funds that have similar activities, objectives, or funding sources as defined by the State Auditor of Public Accounts.

GAAP — An acronym for Generally Accepted Accounting Principles, this term refers to uniform minimum standards for financial accounting and recording.

General Fund — The primary location of all financial activity associated with the ordinary operations of County government. Most taxes are accrued into this fund and transfers are made to the School, Debt Service, and Capital Projects funds as appropriate.

General Obligation Bond Financing — G.O. bonds are approved by voter referendum and carry the full faith and credit of Loudoun County.

General Plan — An official public document, which is the product of citizen participation, the Planning Commission, the Board of Supervisors, County staff, and consultants. The General Plan is a long-range guide for growth, land use, and development decisions in the County and provides a framework for consistent future decision-making.

Geographic Information System (GIS) — The Geographic Information System (GIS) is a computer system used to assemble, store, manipulate, and display information about land in the County. GIS is a multi-departmental resource integrated with several of the County's other computer systems. It is used to manage and analyze land information, produce maps in support of the assessment process, manage zoning and health information, assist with the planning process, addressing County residences, and landfill management.

Goals — A general statement of purpose. A goal provides a framework within which the program unit operates; it reflects realistic constraints upon the unit providing the service. A goal statement speaks generally toward end results rather than toward specific actions (e.g., "minimize unemployment among disadvantaged youth").

Grant — A contribution by one organization to another. The contribution is usually made to aid in the support of a specified function, such as health care, housing, crime prevention, etc.

Intergenerational Equity This is one of the concepts that underlie the issuance of long-term debt for capital projects. If a facility has an expected useful life of 20-40 years, there is a rationale for linking the payment for the facility to the beneficiaries of the facility. In other words, future users of the facility will also pay their share of the construction cost of the facility through debt service payments.

Intergovernmental Revenue Revenue from other governments, such as the State and Federal government, in the form of grants, entitlements, shared revenue, or payments in lieu of taxes.

Landfill Fee Waiver The forgoing of the tipping fee charged for use of the County's landfill. Organizations which are granted fee waivers must meet the following criteria: (1) the organizations must apply for the exemption, (2) the organization must be a governmental or nonprofit entity with IRS 501 status, and (3) the organization must provide a service for the public good.

Lease Purchase A method of financing that allows the County to construct or acquire property and pay for it over a period of time by installment payments rather than an outright purchase. The time payments include an interest charge, which is typically reduced because the lessor does not have to pay income tax on the interest revenue.

Levy The imposition of taxes for the support of government activities.

Liabilities Obligations incurred in past or current transactions requiring present or future settlement.

Liquidity Funds consisting, or capable, of ready conversion into cash.

Local Gasoline Tax This is a 2 percent tax on gasoline sold in the County. Local gasoline tax collections are directed to a special account maintained by the Northern Virginia Transportation Commission (NVTC).

Local Tax Funding Represents funds that the Board of Supervisors may allocate from general tax revenues to supplement revenues received by a program.

Long-Term Debt Debt with a maturity of more than one year after the date of issuance.

Mission Statement A written description stating the purpose of an organizational unit (department or agency) and its function.

Modified Accrual Basis of Accounting Basis of accounting according to which (a) revenues are recognized in the accounting period in which they become available and measurable and (b) expenditures are recognized in the accounting period in which the fund liability is incurred (if measurable). Under this approach, immature interest on general long-term debt and certain similar accrued obligations are recognized when due.

Non-Revenue Receipt Assets received by the County which are not in the form of cash, such as federal food commodities received at the Juvenile Detention Home and donated land from developers in the form of proffers. These are entered in the County records at their fair market value at the time of receipt.

Object Classification A grouping of expenditures on the basis of goods or services purchased, such as personal services, materials, supplies, equipment, etc.

Glossary

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.
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 not 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.

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.

Glossary

State/Federal Grant Fund — A governmental fund type used to account for the proceeds of specific revenue sources (other than for major capital projects) that are legally restricted to expenditure for specified purposes.

State Compensation Board — A State Board that determines the rate of State funding toward the total cost of office operations for Constitutional Officers.

Task Force — A group of individuals organized to discuss and research a particular topic. Task forces are often used as advisory groups on a given topic.

Tax Base — The aggregate value of taxed items. The base of the County's real property tax is the market value of all real estate in the County. The base of the personal property is the market value of all automobiles, trailers, boats, business equipment, etc., which are taxed as personal property by the County. The tax base of a sales tax is the total volume of taxable sales.

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Index

Accounting, Auditing, and Financial Reporting Policies E-58
Animal Services 2-2
Assessed Value 15-13
Asset Maintenance, Replacement, and Enhancement Policies E-59

Birmingham Green 6-13
Board of Supervisors 1-2
Building and Development 5-2
Business, Professional and Occupational License Tax R-15

Capital Asset Preservation Program 14-2
Capital Budget Policies E-858
Capital Budget Process 7-6
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
Charges for Services R-26
Children's Services Act Fund 14-6
Clerk of the Circuit Court 2-8
Commissioner of the Revenue 1-6
Commonwealth Aid R-30
Commonwealth's Attorney 2-16
Community Corrections 2-20
Community Development 5-1
County Administration 1-12
County Attorney 1-20
County OPEB Trust Fund 14-8
Courts 2-26
Criteria for Establishment of Special Assessment Districts E-861

Debt Issuance Limits 13-5
Debt Management Policies E-55
Debt Service Expenditures and Funding Sources 13-3
Debt Service Fund 13-2
Distinguished Budget Award i-3
Demographic and Economic Trends 15-2
Dulles Town Center Community Development Authority Fund 14-11

ECC/E-911 Communications Center 2-34
Economic Development 5-10
Elections and Voter Registration 1-26
Emergency Management and Operations Program 1-12
EMS Transport Reimbursement Program Fund 14-12
Executive Summary E-2
Extension Services 3-2

Family Services 3-10
Federal Categorical Aid R-31
Finance and Procurement 1-34
Fines and Forfeitures R-22
Fire and Rescue 2-34
Fiscal Policy E-52
Fiscal Trends 15-1
Forecast Discussion and Analysis R-37
Fund Balance Policy: County and Schools E-60
FY 2020 CIP Overview 7-8
FY 2020 Landfill Fee Waivers 6-6

General Fund Revenue R-2
General Fund Revenue Summary R-3
General Government Administration 1-1
General Property Taxes R-7
General Services 1-42
Glossary of Terms 15-2
Greenlea Tax District 14-17
Guide to the CIP 7-2

Health and Welfare 3-1
Health 3-20
History of Expenditures by Department E-46
History of FTE by Department E-47
Housing Fund 14-18
Human Resources 1-50

Impact on Future Debt Ratios (Debt Service Fund) 13-10
Information Technology 1-58
Investment Policies E-58

Juvenile Court Service Unit 2-46

Glossary

Landfill Fee Waivers 6-6
Legal Resource Center (Law Library) 14-22
Library Services 4-2
Local Non-Property Taxes R-12
Loudoun County Fire Rescue 2-34
Loudoun County Mission i-5
Loudoun Small Business Development Center 6-10
Loudoun Soil and Water Conservation District Board 6-14

Major Equipment Replacement Fund 14-25
Management and Budget 1-66
Mapping and Geographic Information 5-16
Mason Enterprise Center 6-10
Mental Health, Substance Abuse, and Developmental Services 3-26
Metropolitan Washington Council of Government 6-13
Miscellaneous Revenue R-27
Miscellaneous 6-1

Non-Departmental Expenditures 6-2
Nonprofit Organizations 6-8
Non-Tax Accounts Receivable Policies E-57
Northern Virginia Community College 6-7
Northern Virginia Regional Park Authority 6-7

Occoquan Watershed Monitoring Program 6-14
Operating Budget Policies E-52
Operating Impact Analysis of Opening New Facilities 7-34
Other Financing Sources R-29
Other Funds 14-1
Other Local Sources of Revenue R-19

Parks, Recreation, and Community Services 4-10
Parks, Recreation, and Culture 4-1
Permits and Privilege Fees R-21
Personal Property R-9
Peumansend Creek Regional Jail Authority 6-14
Planning and Zoning 5-24
Policy Goals E-52
Property Tax Rates R-11
Public Facilities Fund 14-30
Public Safety and Judicial Administration 2-1
Purpose of the CIP 7-2

Real Property R-7
Reader's Guide E-6
Real Property Tax Relief R-9
Recovered Costs R-28
Regional Organizations and Intergovernmental Contributions 6-12
Rental Assistance Program 14-36
Restricted Use Transit Occupancy Tax Fund 14-40
Revenue Policies E-57
Revolving Loan Fund 14-46
Revenue and Expenditures 15-20
Risk Management Policies E-60
Route 28 Transportation Improvement District 14-48

Sales and Utilities Taxes R-13
Schedule of Appropriation 7-16
School Revenue Fund R-35
Sheriff's Office 2-52
State Categorical Aid R-30
State Non-Categorical Aid R-30
State Shared Expenses R-30
State and Federal Grant Fund 14-52

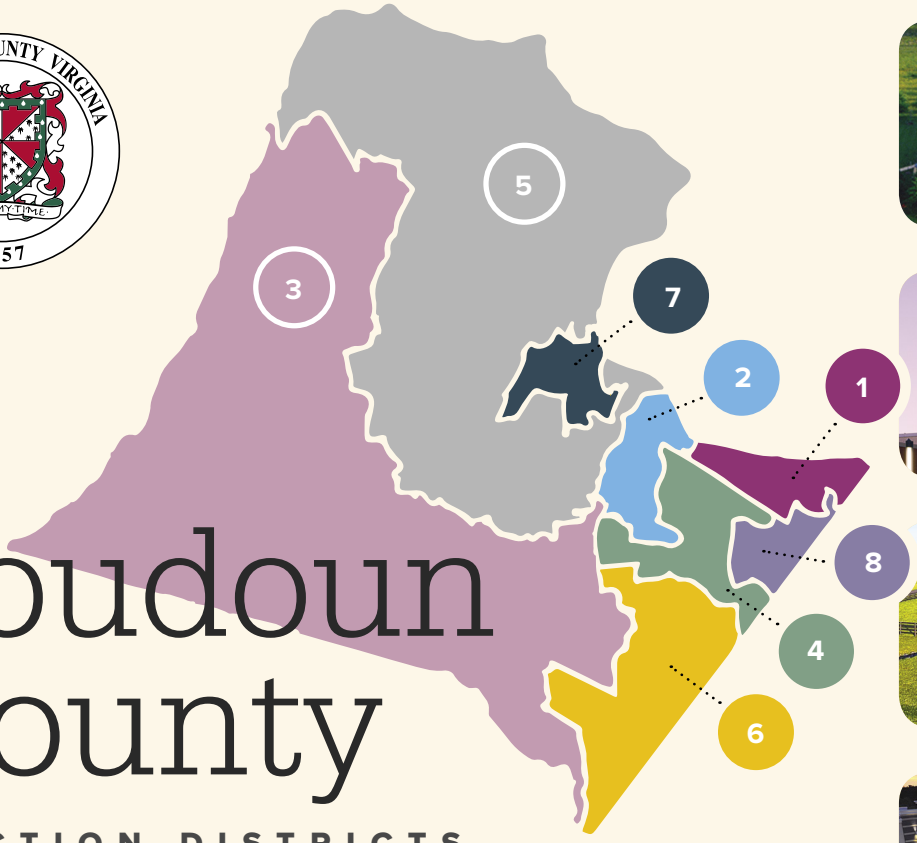
Title Page of Board of Supervisors i-1
Title Page of Department of Management and Budget Staff i-2
Total Debt Service Expenditures 13-4
Total Debt Service Forecast 13-4
Transmittal Letter E-2
Transportation and Capital Infrastructure 5-34
Transportation District Fund 14-60
Treasurer 1-74

Use of Money and Property R-23

Washington Airports Task Force 6-10

Loudoun County

ELECTION DISTRICTS



1. Algonkian – George Washington University

2. Ashburn – Ashburn Library

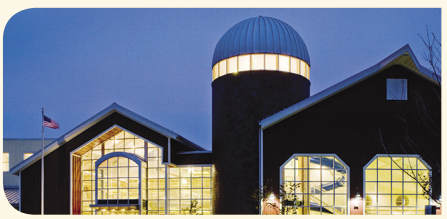
3. Blue Ridge – Salamander Resort

4. Broad Run – One Loudoun

5. Catoctin – Lucketts Community Center

6. Dulles – Dulles Airport

7. Leesburg – Historic Downtown



8. Sterling – Claude Moore Recreation Center

Loudoun County Board of Supervisors 2016 – 2019:
(From left to right) Tony R. Buffington, Blue Ridge; Kristen C. Umstattd, Leesburg; Koran T. Saines, Sterling; Ralph M. Buona, Vice Chair, Ashburn; Ron A. Meyer, Broad Run; Phyllis J. Randall, Chair, At Large; Matthew F. Letourneau, Dulles; Geary M. Higgins, Catoctin; Suzanne M. Volpe, Algonkian

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