



**Date of Council Meeting: July 9, 2013**

**TOWN OF LEESBURG  
TOWN COUNCIL MEETING**

**Subject:** Endorsement of design plans for the Battlefield Parkway project from South King Street to the Dulles Greenway.

**Staff Contacts:** Renée LaFollette, Director, Office of Capital Projects  
Tom Brandon, Deputy Director, Office of Capital Projects

**Recommendation:** Staff recommends the endorsement of the design plans presented at the June 6, 2013 public hearing.

**Issues:** Should Town Council endorse the design plans for the Battlefield Parkway project from South King Street to the Dulles Greenway? The Town needs to submit plans to VDOT that have been endorsed by Town Council in order to obtain authorization to begin right-of-way acquisition and utility relocation.

**Fiscal Impact:** This is a fully funded project in the Town's current Capital Improvements Program. In 2011, an agreement was executed between the Town and VDOT which provided significant state funding for the project, but required the Town to administer the design and construction. VDOT is funding approximately \$11 million of the total \$12 million budget (Attachment A).

**Background:** Battlefield Parkway between South King Street and the Dulles Greenway represents the final segment of this partial perimeter roadway around the eastern portion of the Town. The project is an approved capital project that was originally added to the FY 2007-2011 Capital Improvement Program. The project consists of a new four-lane divided roadway between South King Street (Route 15) and Evergreen Mill Road, and also includes the widening of the existing two-lane portion of Battlefield Parkway between Evergreen Mill Road and the Dulles Greenway. As part of the construction project, a sidewalk will be installed on the north side of the roadway, and a shared-use trail will be installed on the south side of the road.

A public hearing was held on June 6, 2013 to present the proposed design plans to area residents. Notice of the public hearing was advertised in the local paper for two weeks and was mailed to approximately 700 residents with approximately 40 people in attendance.

Written comments were received from only eight residents as a result of the public hearing although some residents provided multiple comments. Listed below are the main project issues identified.

1. Connection between Masons Lane and Battlefield Parkway: The design presented at the public hearing provides a right-in/right-out connection between Masons Lane and the new Battlefield Parkway section west of Evergreen Mill Road. Two residents of Mason Lane indicated their support of the design, specifically noting that the design will work well in reducing traffic on Masons Lane while continuing to provide access to their homes.

A resident of the Kings Crossing subdivision (near the intersection of Gleedsville Road and Masons Lane) was concerned with cut through traffic and requested that Masons Lane be converted to a cul-de-sac with no connection to Battlefield Parkway. Due to the resulting length of the cul-de-sac exceeding Town standards and the negative impacts to access for Masons Lane residents, is not possible to eliminate the connection to Battlefield Parkway.

2. Noise: Three residents indicated a concern about increased noise. Two of these residences are in close proximity to Masons Lane and the future Battlefield Parkway, but the other resident is located a considerable distance from the project.

Unfortunately, this project is not federally funded, and as a result, federal noise mitigation requirements do not apply. However, if noise studies were performed, the guidelines generally limit the study area to 500' from the roadway. Although there are eight homes within 500' of the proposed project, it is highly unlikely that noise mitigation would be practical or cost effective even if federal guidelines were applied.

3. South King Street & Battlefield Parkway Intersection Design: Two comments were received that questioned the design of this intersection. The first comment requested that dual left turn lanes be constructed on both westbound Battlefield Parkway and on southbound South King Street. The traffic study for the project indicates that single left turn lanes will be sufficient for some period of time after the project is constructed. However within 20 years, traffic forecasts indicate the need for dual left turn lanes. The design of the road was developed to accommodate an additional left turn lane in the future when warranted by traffic.

The second comment requested that a traffic circle be constructed instead of a signalized intersection. Although traffic circles, or roundabouts, work well under certain situations, at this location it would result in reduced safety for pedestrian and bicyclists since there are no periods when traffic is stopped for a protected crossing. The footprint of the construction of a traffic circle would be considerably larger than a signalized intersection, with greater impact on adjacent properties. Finally, VDOT does not have any existing roundabouts at the intersection of two four-lane highways.

In conclusion, staff recommends that the proposed design be finalized by Town Council with no significant changes in response to the comments received. During final design, staff will

Endorsement of design plans for the Battlefield Parkway project from South King Street to the Dulles Greenway.

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continue to work with adjacent property owners to address individual concerns about the project such as landscaping, screening and impacts during construction.

#### Project Schedule

- VDOT authorization to obtain right-of-way and relocate utilities – August 2013
- VDOT approval of design – Fall 2013
- Complete right-of-way acquisition and utility relocation – Fall 2013
- Begin construction – Spring / Summer 2014
- Complete construction – Summer 2015

#### Attachments:

**A - FY 2014-2019 CIP Sheet**

**B - Overall Plan**

**C - Public Meeting Brochure**

**STREETS, HIGHWAYS, BUILDINGS, AND GROUNDS PROJECTS (continued)**

**TITLE:** Battlefield Parkway - Route 15 to Dulles Greenway (07315)  
**STATUS:** Ongoing

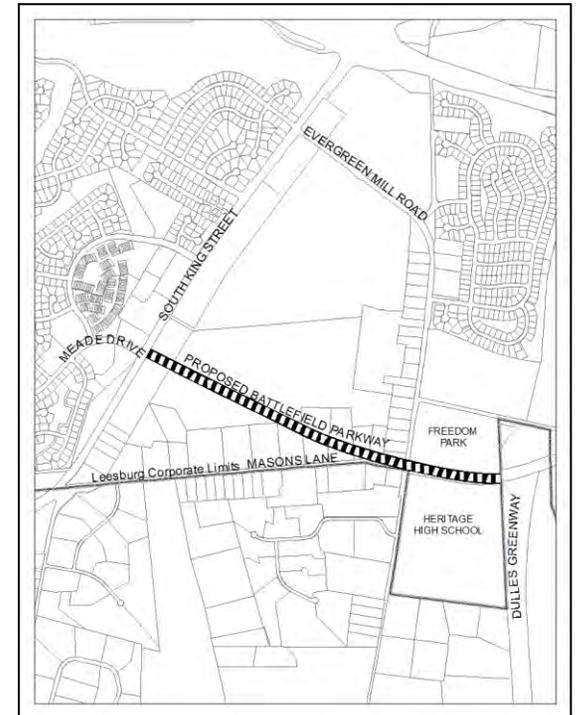
**PROGRAM DESCRIPTION:** The project includes construction of a 0.3 mile segment of Battlefield Parkway on new alignment between South King Street (Route 15) and Evergreen Mill Road (Route 621); and widening 0.3 miles of Battlefield Parkway from its existing 2 lanes to 4 lanes between Evergreen Mill Road and the Dulles Greenway. The new roadway will be a four-lane divided arterial roadway with parallel sidewalk and shared-use trail. The project will reduce congestion and improve traffic flow to Route 15. This segment will complete the continuous Parkway from North King Street to South King Street around the east side of Town.

**UTILITY RELOCATION START DATE:** Spring 2013

**CONSTRUCTION START DATE:** Spring 2014

**ESTIMATED COMPLETION DATE:** Fall 2015

**OPERATING IMPACT:** Future VDOT maintenance payments will increase to offset portion of maintenance cost



**GOAL ADDRESSED:**

**2012 Town Plan**

- The Transportation Corridor Objectives promote completion of Battlefield Parkway as a top priority.
- Transportation Objective 5 calls for providing a safe, convenient, continuous, comfortable, and aesthetically pleasing transportation environment that promotes bicycling and walking.

**PLANNED FINANCING**

Sources:	Total Required Project Funding	Funded through 6/30/13	PLANNED FINANCING						TOTAL for 6-Yr CIP	Future Funds Required
			2014	2015	2016	2017	2018	2019		
General Fund Cash	\$53,810	\$53,810								
G.O. Bonds	1,021,190	1,021,190								
State Funds	10,925,000	975,000	2,150,000	7,000,000	800,000				9,950,000	
<b>TOTAL</b>	<b>\$12,000,000</b>	<b>\$2,050,000</b>	<b>\$2,150,000</b>	<b>\$7,000,000</b>	<b>\$800,000</b>				<b>\$9,950,000</b>	

**PLANNED EXPENDITURES**

Uses:	Total Project Cost	Exp through 6/30/13	PLANNED EXPENDITURES						TOTAL for 6-Yr CIP	Future Funds Required
			2014	2015	2016	2017	2018	2019		
Land	\$975,000	\$800,000	\$175,000						\$175,000	
Design/Eng.	1,050,000	800,000	250,000						250,000	
Utility Reloc.	675,000	450,000	225,000						225,000	
Construction	9,300,000		1,500,000	7,000,000	800,000				9,300,000	
<b>TOTAL</b>	<b>\$12,000,000</b>	<b>\$2,050,000</b>	<b>\$2,150,000</b>	<b>\$7,000,000</b>	<b>\$800,000</b>				<b>\$9,950,000</b>	

**OPERATING IMPACT**

Operating/Maintenance:	OPERATING IMPACT						TOTAL for 6-Yr CIP
	2014	2015	2016	2017	2018	2019	
Lane Mile Maintenance				\$24,000	\$24,480	\$24,970	\$73,450

# Battlefield Parkway Phase III

From South King Street (Rte. 15)  
To Dulles Greenway (Rte. 267)  
State Project #U000-253-310, C501  
Public Hearing June 6, 2013



Evergreen Mill Elementary School

J. Lupton Simpson Middle School

Town of Leesburg Corporate Limits

Freedom Park

Heritage High School

South King Street

Evergreen Mill Road

Dulles Greenway

Battlefield Parkway

Meade Dr

Battlefield Parkway

South King Street

Future Leesburg South Subdivision

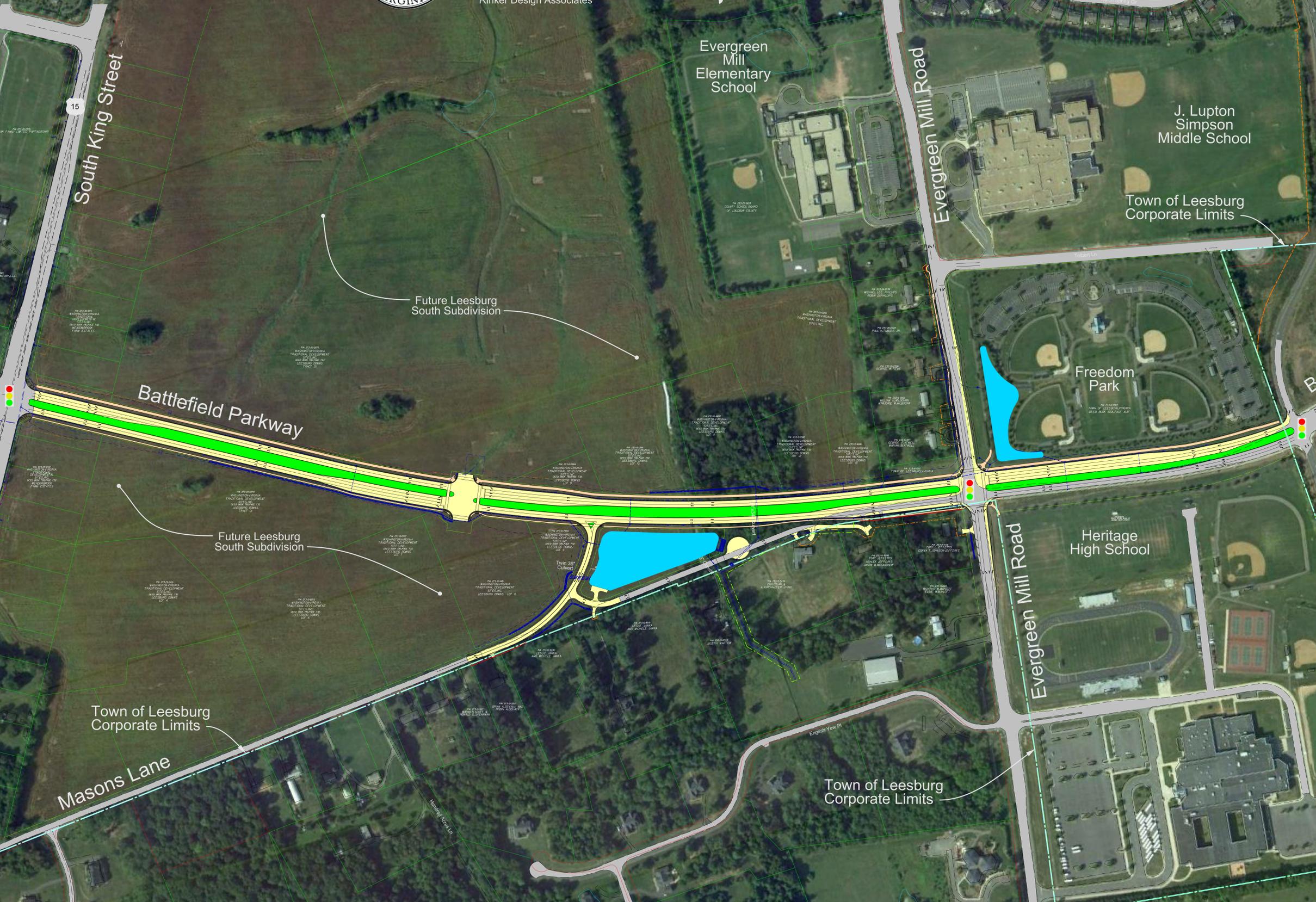
Twin 36' Culvert

Evergreen Mill Road

Town of Leesburg Corporate Limits

Masons Lane

Town of Leesburg Corporate Limits





Town of Leesburg Virginia

### What's Next?

The public comment period will close on June 17, 2013. The Town of Leesburg will review and evaluate any information received as a result of the Location and Design Public Hearing.

### Project Schedule

Detailed Design	Summer 2013
Begin Right of Way Acquisitions	Summer 2013
Final Design	Winter 2013
Advertisement for Construction	Spring 2014
Begin Construction	Summer 2014

### Submission of Comments

Your comments will be considered and used to further develop the design. A comment sheet has been provided in this brochure for your use. You may deposit your written comments tonight in the collection box located by the door or you may mail (or drop off) your comments by June 17, 2013 to the following address:

Mr. Tom Brandon  
Deputy Director  
Office of Capital Projects  
25 W. Market Street  
Leesburg, VA 20176

Comments may also be submitted by emailing them to [Battlefield@Leesburgva.gov](mailto:Battlefield@Leesburgva.gov) (please be sure to include "Battlefield Parkway Phase III" in the subject line) or by U.S. Mail to the address listed above.

### Right of Way Requirements

We do not anticipate that displacements or relocation of families will be required due to this project. As the project develops and the design is finalized, some additional right-of-way and easements may be required beyond the proposed or existing right-of-way shown on the plans. Property owners will be informed of the exact locations and use of the easements during the right-of-way acquisition process prior to construction. Questions regarding right-of-way acquisition should be directed to:

Mr. Keith Wilson  
Land Acquisition Manager  
25 W. Market Street  
Leesburg, VA 20176

The plans are available for review at:

Town of Leesburg  
Office of Capital Projects  
25 W Market Street  
Leesburg, VA 20176



Town of Leesburg Virginia

# Battlefield Parkway

## South King St. to Dulles Greenway

Town of Leesburg, Virginia

## Location & Design Public Hearing

June 6, 2013

7:00pm to 9:00pm

Town of Leesburg Town Hall  
Lower Level Conference Room  
25 West Market Street  
Leesburg, VA 20176

Town Project #TLCI-2011-0001

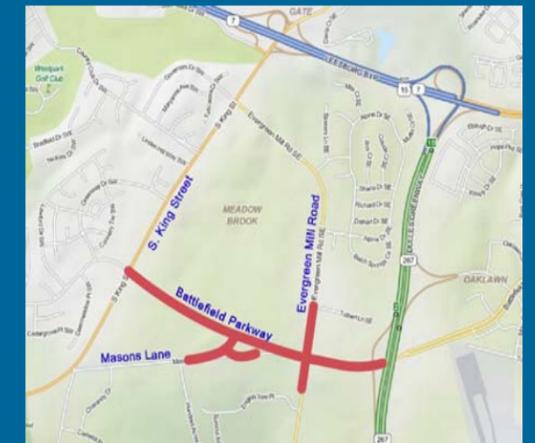


## Welcome

Thank you for attending tonight's location and design public hearing to discuss the preliminary design for Battlefield Parkway from South King Street (Route 15) to Dulles Greenway (Route 267). This meeting is intended to provide interested citizens an opportunity to review, discuss and provide input on the proposed roadway improvements.

Public meetings are beneficial to citizens and the Town of Leesburg staff alike. They allow the Town's engineers to report on the facts established by their studies and to obtain citizens' comments. Comment sheets are available at tonight's meeting and may be deposited in the comment box at the meeting tonight, or by emailing them to [Battlefield@leesburgva.gov](mailto:Battlefield@leesburgva.gov) (please be sure to include "Battlefield Parkway Phase III" in the subject line), or by U.S. Mail to the address provided on the comment sheet and the last page of this brochure.

Project representatives are available tonight to answer your questions. We look forward to working with you as the project moves forward. Thank you for participating in tonight's Public Hearing!



*Our Project Team is comprised of The Town of Leesburg and staff from Rinker Design Associates, P.C. We are available to respond to questions and concerns. It is The Town's duty to ensure that all members of the community have the opportunity to participate in public decisions on transportation systems and projects affecting them.*

*The Town of Leesburg ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact Maritza Irizarry at 703-737-7066. TTY/TDD 711*



### Project Description & Design Features

This project includes construction of a 0.7 mile segment of Battlefield Parkway on new alignment between South King Street (Route 15) and Evergreen Mill Road (Route 621) and widening Battlefield Parkway from its existing 2 lanes to 4 lanes between Evergreen Mill Road (Route 621) and Dulles Greenway (Route 267). The new roadway will be a four-lane divided arterial roadway with a parallel sidewalk on one side and a paved shared-use path on the other side. This segment will complete the continuous parkway from North King Street to South King Street around the east side of Town.

### Traffic Data

The project will reduce congestion and improve traffic flow in this portion of town. Currently traffic accessing the Dulles Greenway to and from the west use the two-lane portion of Battlefield Parkway and either Evergreen Mill Road or Masons Lane. Battlefield Parkway between Evergreen Mill Road and Dulles Greenway currently has 9,500 vehicles per day, Evergreen Mill Road has 8,400 vehicles per day, and Masons Lane has 4,000 vehicles per day. Anticipated traffic volumes for the proposed section of Battlefield Parkway between the Dulles Greenway and Evergreen Mill Road will be 31,790 Vehicles per day by 2035.

Traffic volumes on the proposed Battlefield Parkway between Evergreen Mill Road and South King Street is anticipated to be 20,240 vehicles per day by 2035. Traffic on Evergreen Mill Road is forecast to increase to 16,375 vehicles per day south of the intersection and 7,650 vehicles per day north of the intersection. Masons Lane will be realigned to connect to Battlefield Parkway and will have approximately 2,100 vehicles per day.

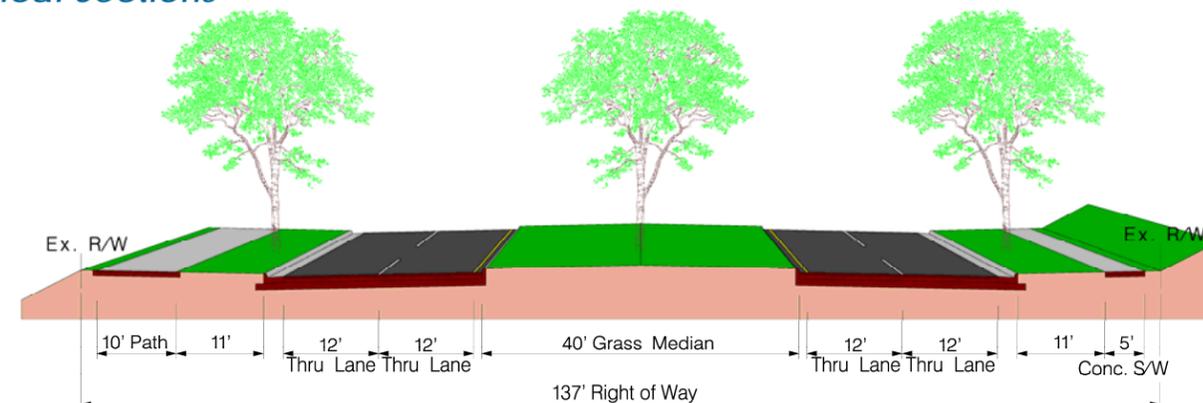
### Environmental Considerations

Through onsite inspection, coordination and correspondence with state and local agencies, the VDOT Northern Virginia District Environmental Section has determined that this project will not significantly impact streams or wetlands. It will not significantly impact any endangered species, natural, cultural or historic resources and will not involve significant air or water quality impacts. Any permits required for impacts to streams and/or wetlands will be obtained from the appropriate agencies prior to project construction. This project was coordinated through the State Environmental Review Process (SERP) and no significant environmental impacts were identified during this review.

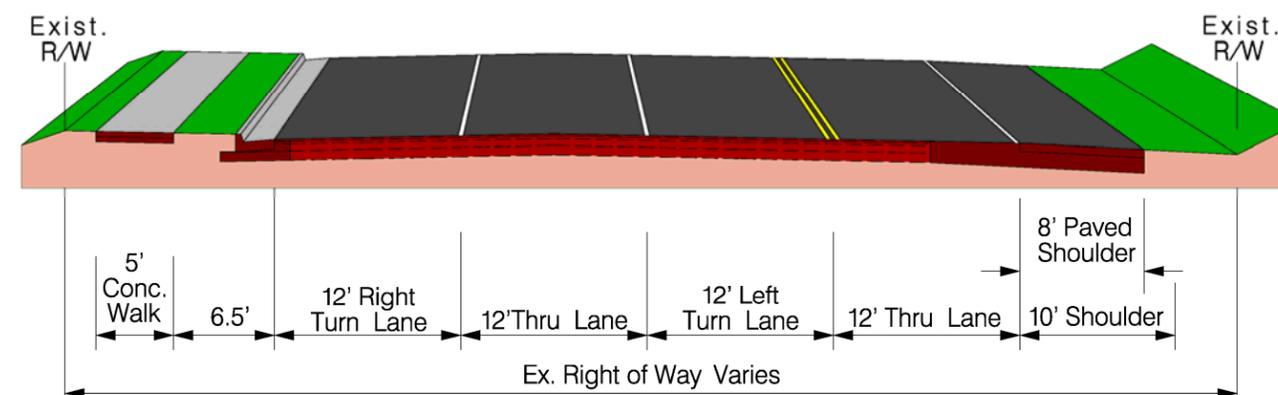
### Preliminary Cost Estimate

The estimated project cost, including construction, right of way acquisition and utility relocation, is \$12 million.

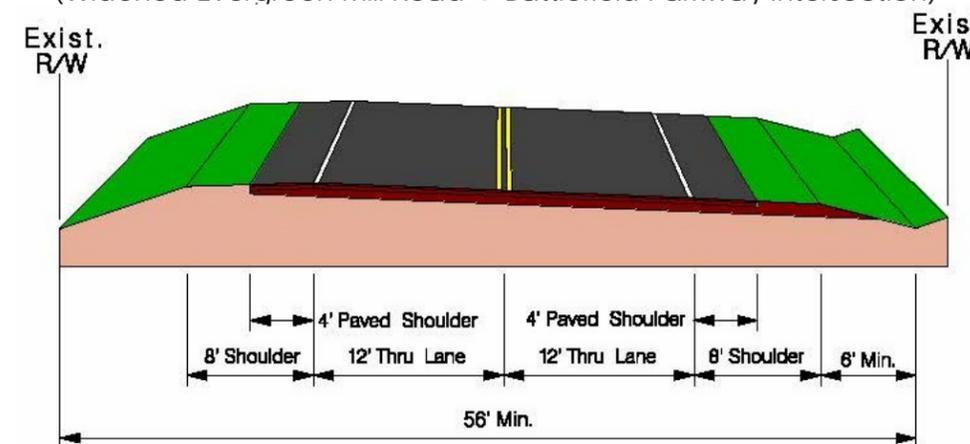
### Typical Sections



**Battlefield Parkway 4 Lane Typical Section**  
(South King Street (Route 15) to Dulles Greenway (Route 267))



**Evergreen Mill Road 2 Lane Typical Section With Turn Lanes**  
(Widened Evergreen Mill Road @ Battlefield Parkway Intersection)



**Realigned Masons Lane 2 Lane Typical Section**  
(Realigned Masons Lane at Battlefield Parkway Intersection)

PRESENTED July 9, 2013

RESOLUTION NO. 2013-

ADOPTED \_\_\_\_\_

A RESOLUTION: ENDORSEMENT OF DESIGN PLANS FOR THE BATTLEFIELD PARKWAY PROJECT FROM SOUTH KING STREET TO THE DULLES GREENWAY

WHEREAS, the Battlefield Parkway project from South King Street to the Dulles Greenway is an identified capital project in the Town's FY 2014-2019 Capital Improvement Program; and

WHEREAS, the Town has received sufficient funding from VDOT for design, land acquisition, utility relocations and construction; and

WHEREAS, VDOT approval is required before the Town can proceed with the right-of-way acquisition and utility relocation; and

WHEREAS, a design public hearing was conducted in accordance with VDOT requirements on June 6, 2013; and

WHEREAS, no changes in the current design are recommended that would result in significant changes to the right-of-way requirements.

THEREFORE, RESOLVED by the Council of the Town of Leesburg in Virginia that the Town Council endorses the basic design presented at the June 6, 2013 design public hearing for the Battlefield Parkway project from South King Street to the Dulles Greenway in order to obtain VDOT approval to proceed with of right-of-way acquisition and relocation of utilities.

PASSED this \_\_\_ day of July, 2013.

\_\_\_\_\_  
Kristen C. Umstattd, Mayor  
Town of Leesburg

ATTEST:

\_\_\_\_\_  
Clerk of Council