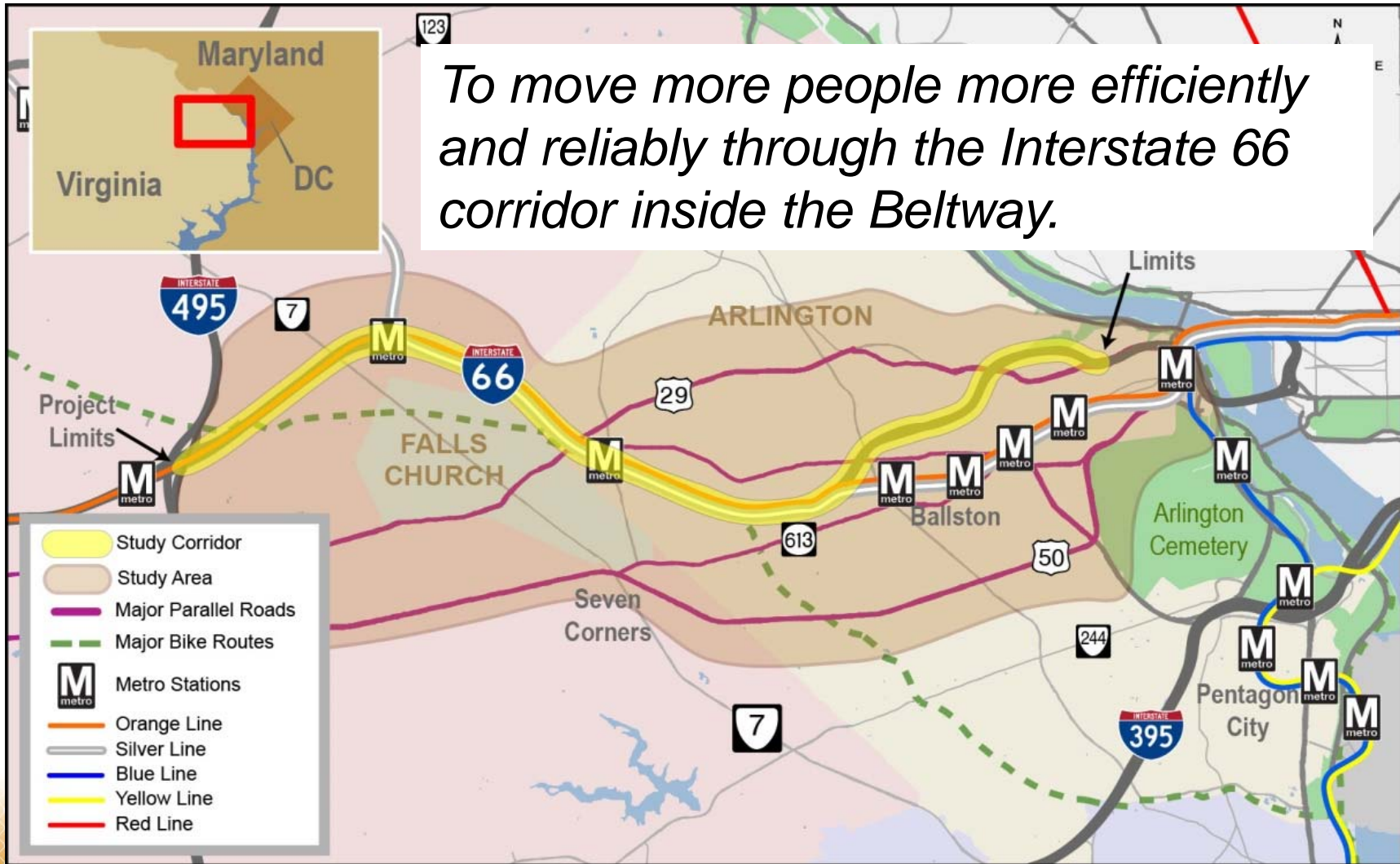


# Transform 66 Multimodal Project NVTC Approved Components



# Transform 66 Multimodal Project Corridor



# Initial Multimodal Program

- ✓ Benefit the toll payers
  - ✓ Be legally eligible
  - ✓ Meet the Transform 66 Improvement goals
    - Move more people
    - Enhance transportation connectivity
    - Improve transit service
    - Reduce roadway congestion
    - Increase travel options
- ✓ Be obligated or implemented by Toll Day One
    - Target Summer 2017
  - ✓ Have components selected by NVTC and submitted to CTB for approval by July 1
  - ✓ Make \$10 million available for initial project
    - \$5 million identified in MOA
    - \$5 million additional funds identified by CTB at May 17 meeting

# Technical Evaluation Measures

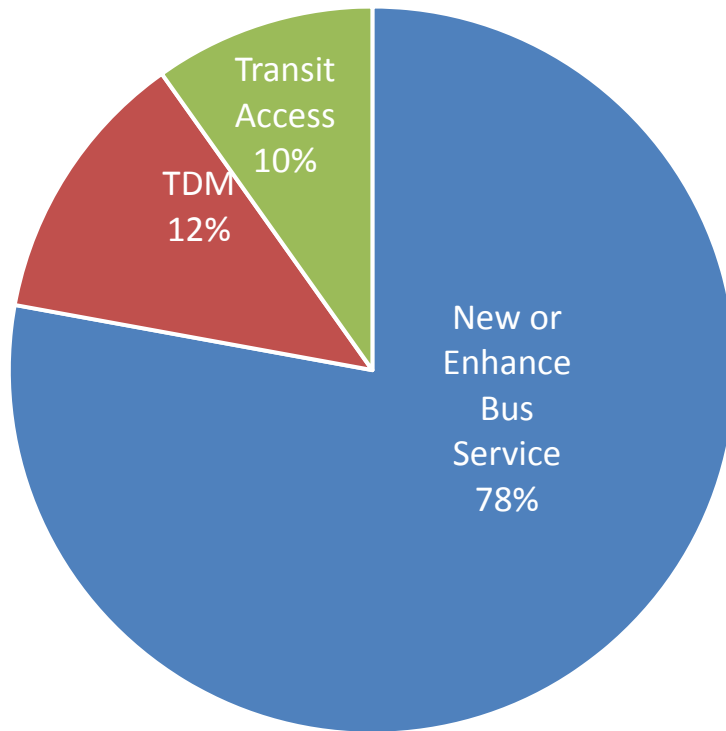
Supports Transform 66 Improvement Goals:

- ✓ Move more people
- ✓ Enhance transportation connectivity
- ✓ Improve transit service
- ✓ Reduce roadway congestion
- ✓ Increase travel options

Evaluation Category	Evaluation Criteria	Max Points
<b>Congestion Relief</b>	Person Throughput <i>(move more people)</i>	45
	Peak Period Travel Time	15
	Connectivity <i>(complete transportation network/ connect modes)</i>	15
	Accessibility <i>(provide access to opportunities)</i>	15
<b>Diversion Mitigation</b>	Mitigate impact of trips that may divert as a result of toll and/or HOV restrictions	10
<b>Total Benefit Score</b>		<b>100</b>
<b>Cost Sharing</b>	% of costs requested	
<b>Cost Effectiveness Score</b>	$\frac{\text{Total Benefit Score} \times \$1\text{M}}{\text{Funding Request}}$	

# Approved List of Components

Composition of Funding Requests



- ✓ *10 components with a total request for funding of \$9.8 million*
- ✓ *Ready by toll day one*
- ✓ *New bus operations connecting Prince William, Loudoun and Fairfax counties to D.C.*
- ✓ *Enhanced bus operations serving the corridor in Arlington and Falls Church*
- ✓ *Improved transit access projects serving Arlington and Falls Church*
- ✓ *Traveler information and incentives for Loudoun and Arlington riders*

# Benefits of Approved Components

Moves 1,800+ more people daily

Saves 370,000+ hours of travel delay per year

Connects 20 activity centers across the region

Balances long- and short-haul bus trips

Provides connections to key destinations

Addresses improved transit access

Provides three new bus routes

Increases service on two existing routes

Allows the corridor to operate more efficiently

# List of Multimodal Components Approved by NVTC

Component Name	Applicant	Total Funding Request	Total Benefit Score	Benefit Score Rank*	Cost Effectiveness Rank*
Loudoun County Transportation Demand Management	Loudoun	\$623,000	92	1	5
Fairfax Connector Express Service from Government Center to Foggy Bottom	Fairfax	\$3,336,836	80	3	14
Stone Ridge Enhanced Transit	Loudoun	\$1,940,939	75	4	11
PRTC Gainesville to Pentagon Commuter Service	PRTC	\$887,900	75	4	8
Peak Period Service Expansion to Metrobus Route 2A, Washington Blvd-Dunn Loring	Arlington	\$1,000,000	70	5	9
Peak Period Service Expansion to ART Bus Route 55	Arlington	\$450,000	70	5	3
Bus Stop Consolidation and Accessibility Improvements	Arlington	\$462,000	65	6	6
Expanded Transit Access, Bike Share	Falls Church	\$500,000	60	7	7
Expanded TDM Outreach to the I-66 Corridor	Arlington	\$350,000	52	8	4
Multimodal Real-Time Transportation Information Screens	Arlington	\$250,000	48	9	2
	<b>Total</b>	<b>\$9,800,675</b>			

\* Rank of Components Seeking Funding



# Loudoun County Transportation Demand Management

## Loudoun County



Transportation  
Demand  
Management

**Proposed Opening:**  
July 1, 2017

**Funds Requested:**  
\$623,000



- Funds one year of TDM operations, incentives and marketing
- Provides reduced fares for Loudoun County Transit commuter buses
- Expands Rideshare Rewards carpool program
- Reimburses fuel costs for new vanpools
- Serves 900 new transit, carpool and vanpool riders



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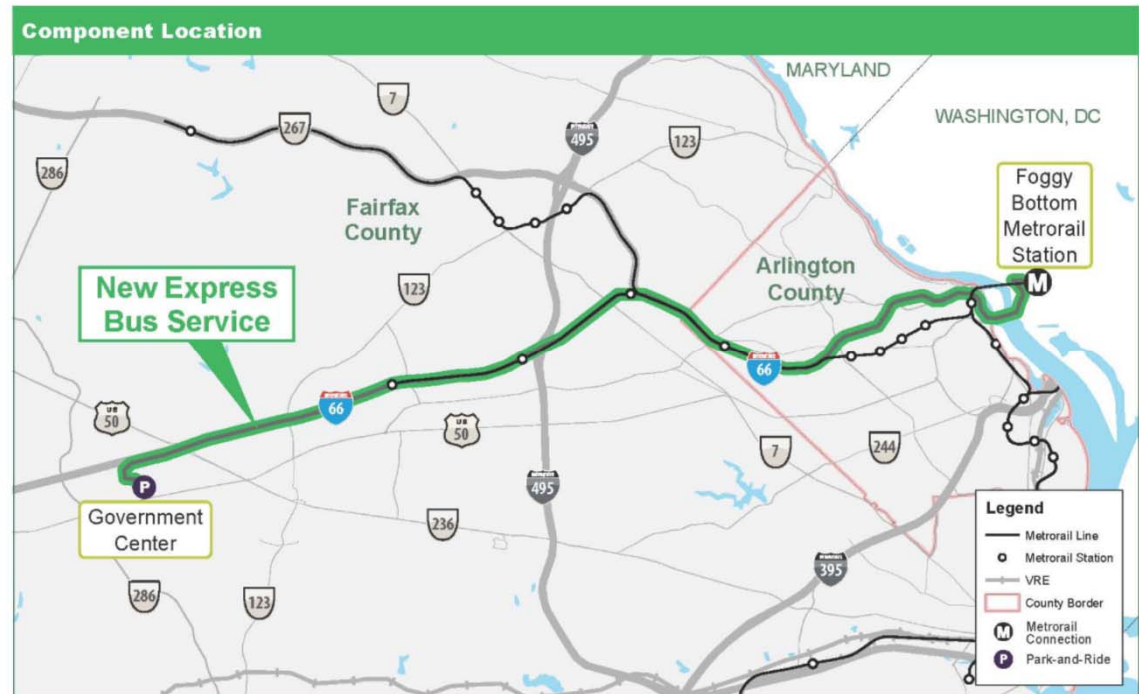
# Fairfax Connector Express Service from Government Center to State Dept/Foggy Bottom Fairfax County



New Bus  
Service

**Proposed Opening:**  
July 1, 2017

**Funds Requested:**  
\$3,336,836



- Funds the purchase of six buses and two years of service operation
- Provides 10 new bus trips in the AM and PM peak periods
- Serves 280 daily riders



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# Loudoun County Stone Ridge Enhanced Transit

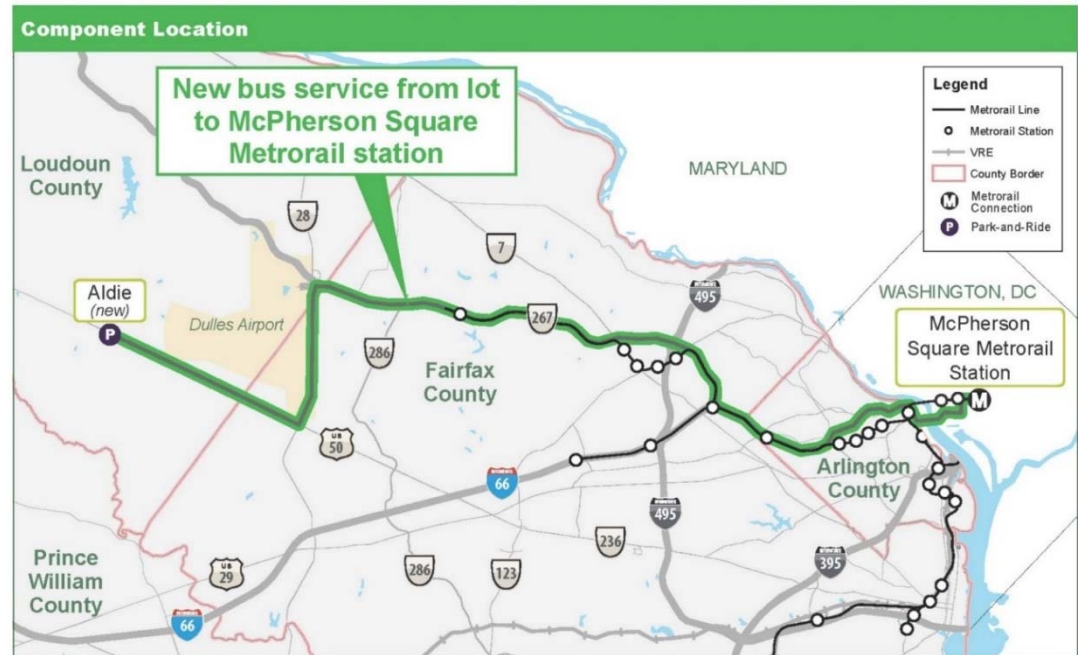
## Loudoun County



New Bus Service

**Proposed Opening:**  
July 1, 2017

**Funds Requested:**  
\$1,940,939



- Funds construction of 250-space park-and-ride lot in Aldie, two buses and two years of service operation
- Adds four new bus trips in both the AM and PM peak periods
- Serves 320 daily riders
- Saves riders up to 40 minutes per trip, compared to a non-tolled, single-occupancy vehicle trip



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# PRTC Gainesville to Pentagon Commuter Service

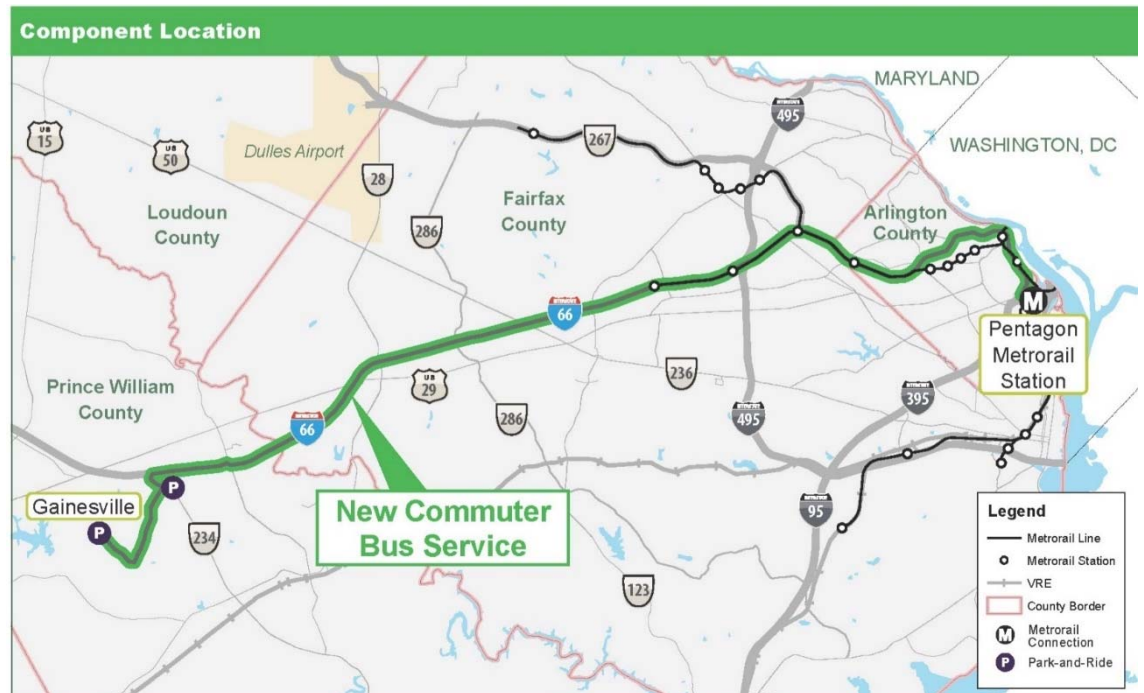
Potomac and Rappahannock Transportation Commission (PRTC)



New Bus Service

**Proposed Opening:**  
December 12, 2016

**Funds Requested:**  
\$887,900



- Funds 2.5 years of service operation, route marketing, communication, and lease of 110 park-and-ride lot spaces
- Serves 255 daily riders
- Saves riders more than 15 minutes per trip, when compared to a transit trip via PRTC's Linton Hall Metro Direct Service and Metrorail



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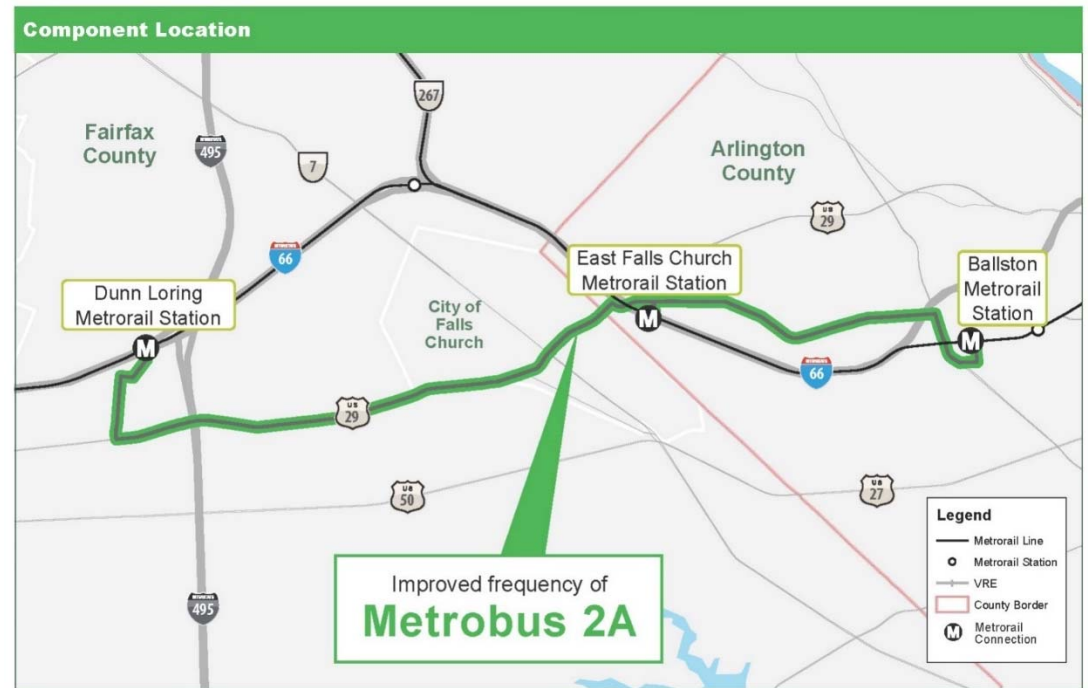
# Peak Period Service Expansion to Metrobus Route 2A, Washington Blvd-Dunn Loring Arlington County



Enhanced  
Bus Service

**Proposed Opening:**  
August 31, 2016

**Funds Requested:**  
\$1,000,000



- Improves route frequency from 15 to 10-minute service in AM and PM peak periods
- Funds two years of enhanced peak-period service operation
- Serves 250 new, daily riders, increasing ridership to 1,090 daily
- Connects three jurisdictions and four MWCOG-identified activity centers



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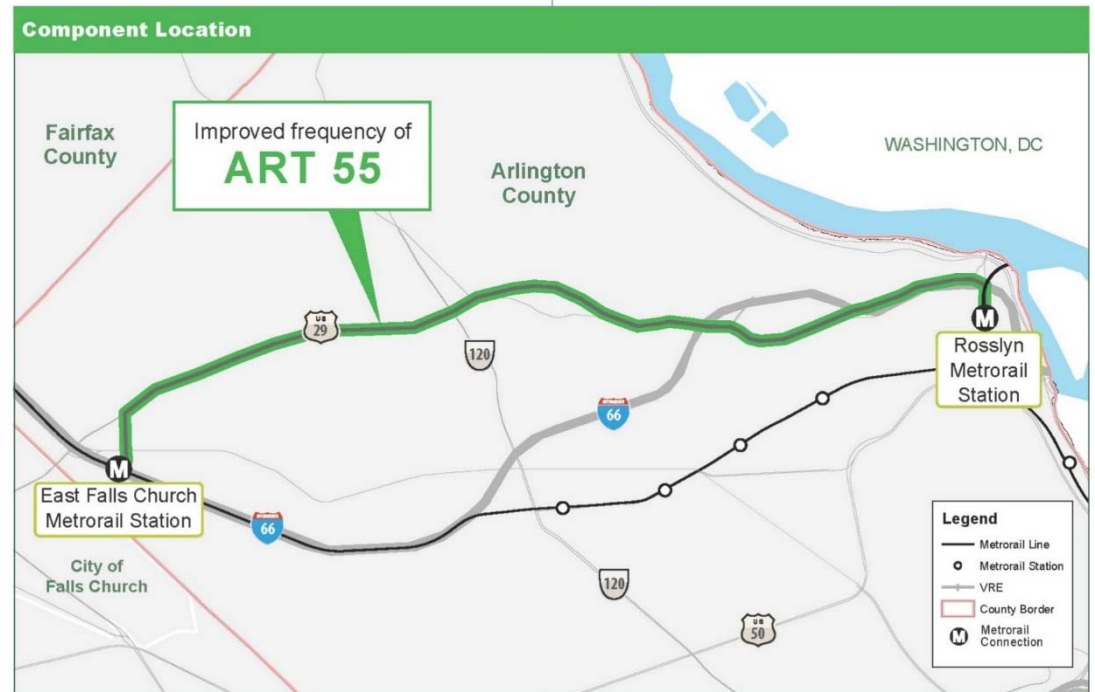
# Peak Period Service Expansion to ART Bus Route 55 Arlington County



Enhanced  
Bus Service

**Proposed Opening:**  
July 1, 2017

**Funds Requested:**  
\$450,000



- Funds the rehab of six buses and two years of enhanced peak-period service operation
- Improves peak-period frequency to 12 minutes during AM and PM peak periods
- Adds 3.5 round trips daily
- Serves 250 new daily riders, increasing ridership to 1,300



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# Bus Stop Consolidation and Accessibility Improvements

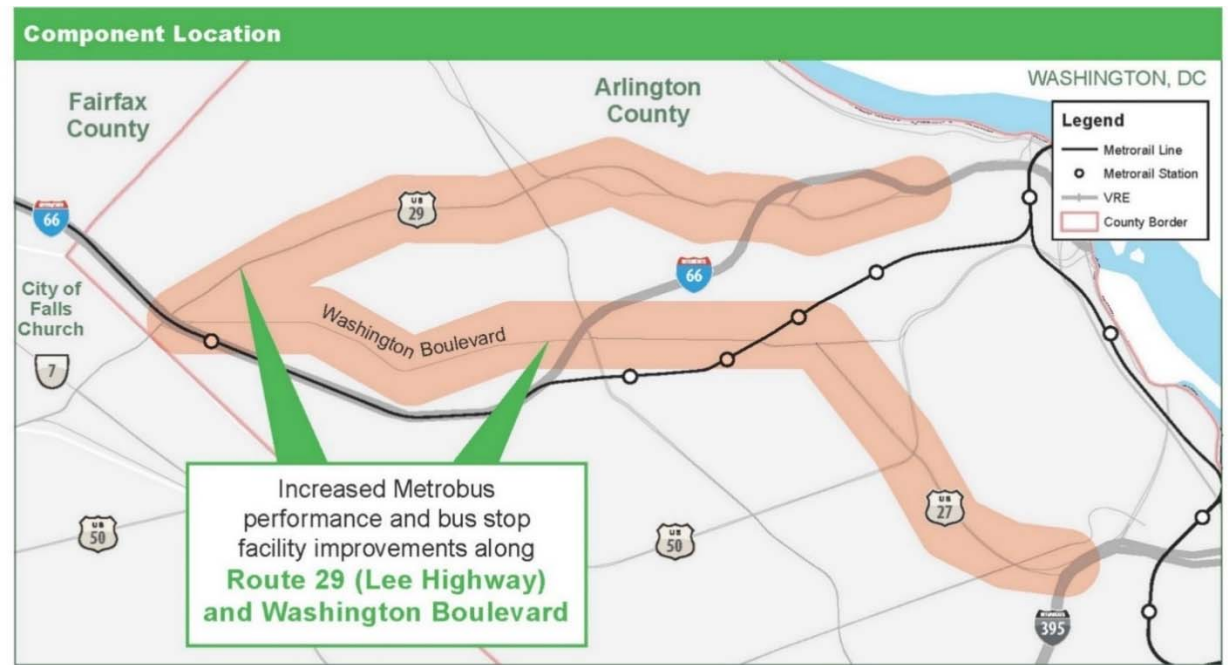
## Arlington County



Enhanced  
Bus Service

**Proposed Opening:**  
October 1, 2018

**Funds Requested:**  
\$462,000



- Consolidates underutilized and closely spaced bus stops
- Reduces travel times - increases new bus riders by 15 percent
- Improves 30 bus stops by adding ADA-compliant pedestrian facilities (sidewalks, curb ramps and crosswalks) and passenger amenities (shelters, benches, lighting, customer information)



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# Expanded Transit Access through Capital Bikeshare

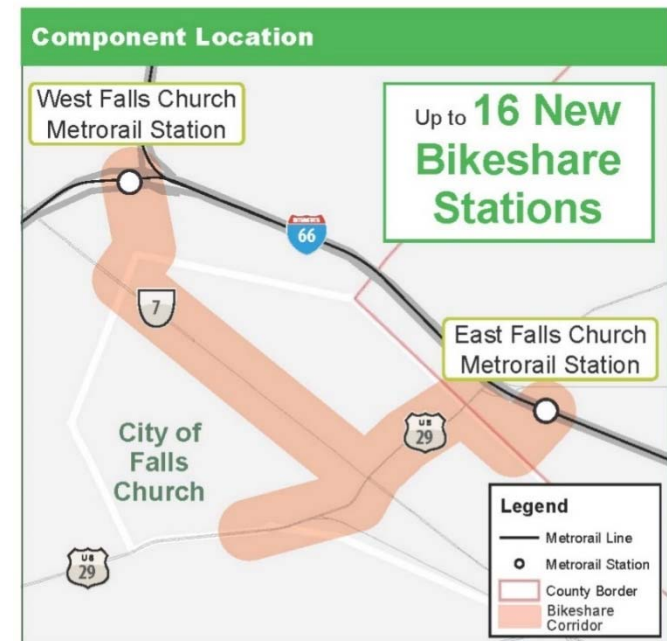
## City of Falls Church



Access to  
Transit

**Proposed Opening:**  
March 1, 2017

**Funds Requested:**  
\$500,000



- Funds operation of up to 16 bike share stations
- Provides first-mile/last-mile solution
- Enhances access to Metrorail stations and increases Metrorail ridership by 450 trips per day
- Bike share expands access to Metrorail for non-motorized travelers from 6 to 15 square miles



Virginia Department of Rail and Public Transportation

## Expanded TDM Outreach to the I-66 Corridor Arlington County



Transportation  
Demand  
Management

**Proposed Opening:**  
January 1, 2017

**Funds Requested:**  
\$350,000



- Maximizes the use of multimodal transportation options
- Provides outreach and education services to employers and residents
- Promotes carpool and vanpool initiatives
- Removes 1,800 single-occupant car trips per day in the corridor



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# Multimodal Real-Time Transportation Information Screens

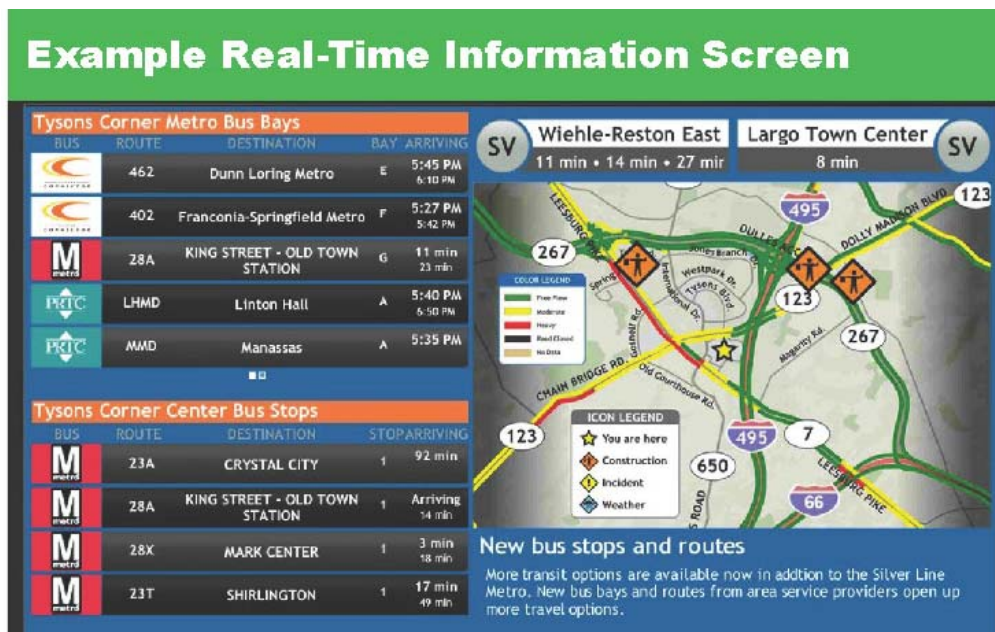
Arlington County



Transportation Demand Management

**Proposed Opening:**  
January 1, 2017

**Funds Requested:**  
\$250,000

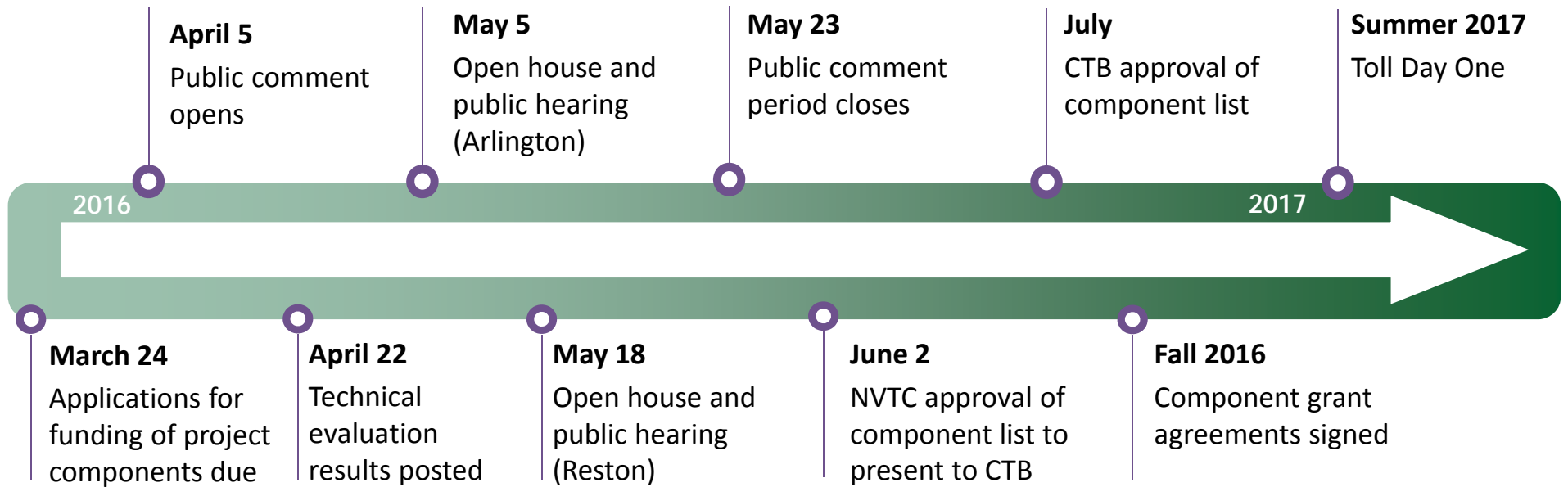


- Funds the purchase of 50 real-time transportation information screens to be placed at key business and transportation locations
- Provides dynamic information on transit arrivals, travel times to locations on I-66, toll rates for I-66 HOT lanes, Capital Bikeshare and Zipcar availability, and delays or emergencies
- Attracts 870 new Metrorail trips per day



Virginia Department of Rail and Public Transportation

# Timeline and Next Steps



*QUESTIONS?*