

## Peak Period Service Expansion to ART Bus Route 55

### Applicant:

Arlington County

### Proposed Opening Date:

July 1, 2017

### Description:

This project includes expanding bus service on Lee Highway from Rosslyn to East Falls Church and will reduce headways on the ART 55 by adding a sixth bus to the route during peak periods.

Included in the project cost is the rehabilitation of six buses and operations costs to support improved bus frequency to 12 minutes throughout the AM and PM peak periods.

The component application will support the capital costs of rehabilitating six buses and support operational assistance to provide two years of enhanced peak period service.

### Multimodal Transportation Improvement Type:



Enhanced  
Bus Service

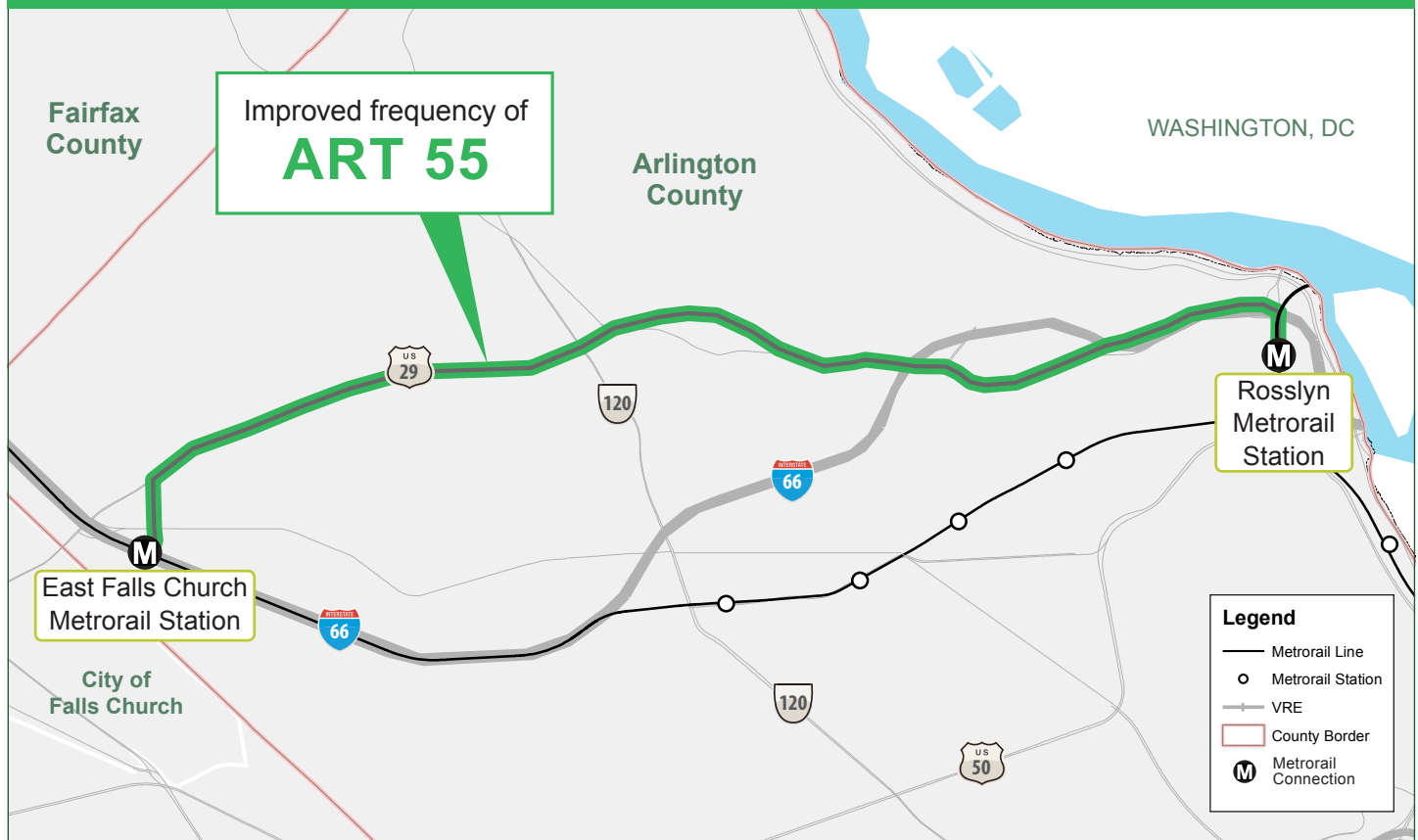
### Benefit to Tollpayers:

This service benefits toll-paying users of I-66 inside the Beltway by providing additional peak-period transit service in the parallel corridor of Lee Highway. Increasing transit service will encourage more people to ride the bus, thus removing cars from Lee Highway and parallel commuting routes, including I-66 inside the Beltway.

### Documented in:

Arlington County Transit Development Plan  
Arlington County Capital Improvement Program

### Component Location



**Benefit Evaluation:**

Evaluation Criteria	Weighted Benefit Score
<b>Person Throughput (up to 45 points)</b> Project is likely to result in an increase in the corridor's peak period, peak direction person throughput. The component will move a higher ratio of people to vehicles compared to existing conditions.	<b>30</b>
<b>Peak Period Travel Time (up to 15 points)</b> Project is likely to result in significant reductions (30 percent or greater) in inbound AM peak hour total travel time per person.	<b>5</b>
<b>Connectivity (up to 15 points)</b> Project provides new modal connections and/or further promotes transportation choice.	<b>10</b>
<b>Accessibility (up to 15 points)</b> Project addresses, improves, or enhances "first/last mile" travel between home/employment locations and transit or carpool/vanpool facilities.	<b>15</b>
<b>Diversion Mitigation (up to 10 points)</b> Project provides operational or geometric changes along a roadway in the corridor that may be used by trips that are diverted from I-66 due to tolling or HOV restrictions.	<b>10</b>
<b>Total Component Benefit Score</b>	<b>70</b>

**Cost Evaluation:**

<b>Total Project Cost*</b>	<b>\$ 450,000</b>
<b>Funding Request*</b>	<b>\$ 450,000</b>
<b>Percent of Project Costs Requested</b>	<b>100%</b>
<b>Cost Effectiveness Score*</b> (Total Component Benefit Score/Funding Request)	<b>156</b>

**Additional Information:**

This project aims to enhance connections within the Lee Highway corridor by increasing the frequency of bus service between the East Falls Church and Rosslyn Metrorail stations, and provides enhanced connectivity to the region via improved access to Metro. Average service frequency will be improved from 16 minutes to 12 minutes during extended weekday peak periods.

The Transform 66 Multimodal Project is done in conjunction with:



\*Reflects change in funding request from original application.