

## Loudoun County Stone Ridge Enhanced Transit

**Applicant:**

Loudoun County

**Proposed Opening Date:**

July 1, 2017

**Description:**

This project includes the construction of a 250-space park-and-ride lot and two years of operation for new commuter bus transit service from the new lot in the unincorporated community of Aldie. Aldie, located in Loudoun County between Chantilly and Middleburg, is adjacent to Arcola, an activity center identified by the Metropolitan Washington Council of Governments and one of the fastest growing parts of the county.

The project application will support the capital costs of purchasing two new buses and support the operational assistance to provide two years of new bus service.

**Multimodal Transportation Improvement Type:**



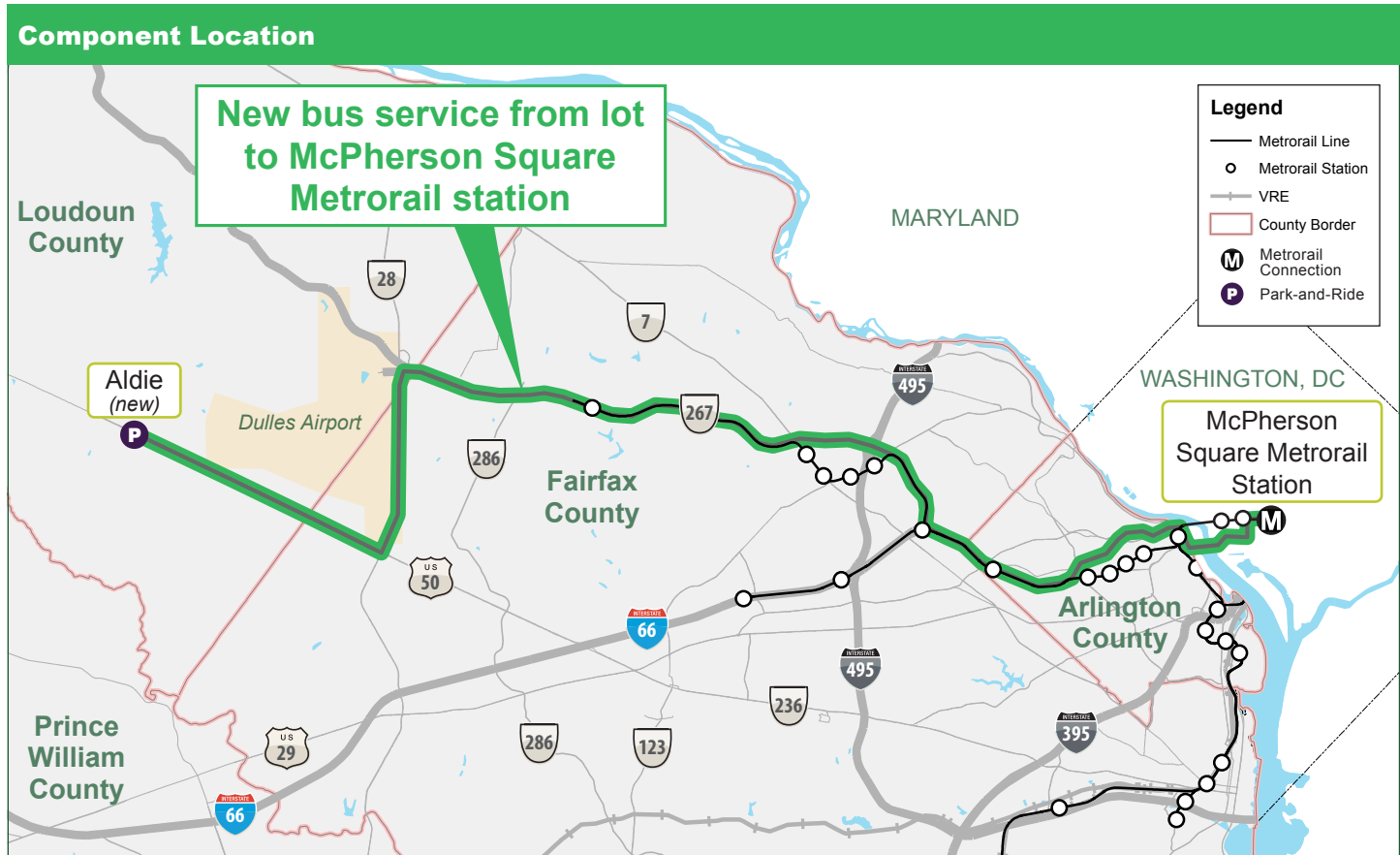
New Bus Service

**Benefit to Tollpayers:**

This program will have an immediate impact, benefiting tollpayers by reducing the number of single-occupancy vehicles (SOV) on I-66 inside the Beltway, providing bus connections and service to Washington DC via I-66, and converting SOV riders to transit riders.

**Documented in:**

Loudoun County Transit Development Plan  
 Northern Virginia Park & Ride Lot Feasibility Study (VDOT, April 2003)



**Benefit Evaluation:**

<b>Evaluation Criteria</b>	<b>Weighted Benefit Score</b>
<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 Project 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>10</b>
<b>Connectivity (up to 15 points)</b> Project provides new modal connections and/or further promotes transportation choice.	<b>15</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>10</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>75</b>

**Cost Evaluation:**

<b>Total Project Cost*</b>	<b>\$ 2,628,980</b>
<b>Funding Request*</b>	<b>\$ 1,940,939</b>
<b>Percent of Project Costs Requested*</b>	<b>74%</b>
<b>Cost Effectiveness Score*</b> (Total Component Benefit Score/Funding Request)	<b>39</b>

The Transform 66 Multimodal Project is done in conjunction with:



\*Reflects change in funding request from original application.