

PRTC Gainesville to Pentagon Commuter Service

Applicant:

Potomac Rappahannock Transportation Commission

Proposed Opening Date:

December 12, 2016

Description:

This project includes the implementation of a new commuter bus transit service between Gainesville and the Pentagon and two and a half years of operating costs.

The funding request also includes amounts for route marketing, communication, and lease costs for additional park-and-ride facility spaces.

Multimodal Transportation Improvement Type:



New
Bus Service

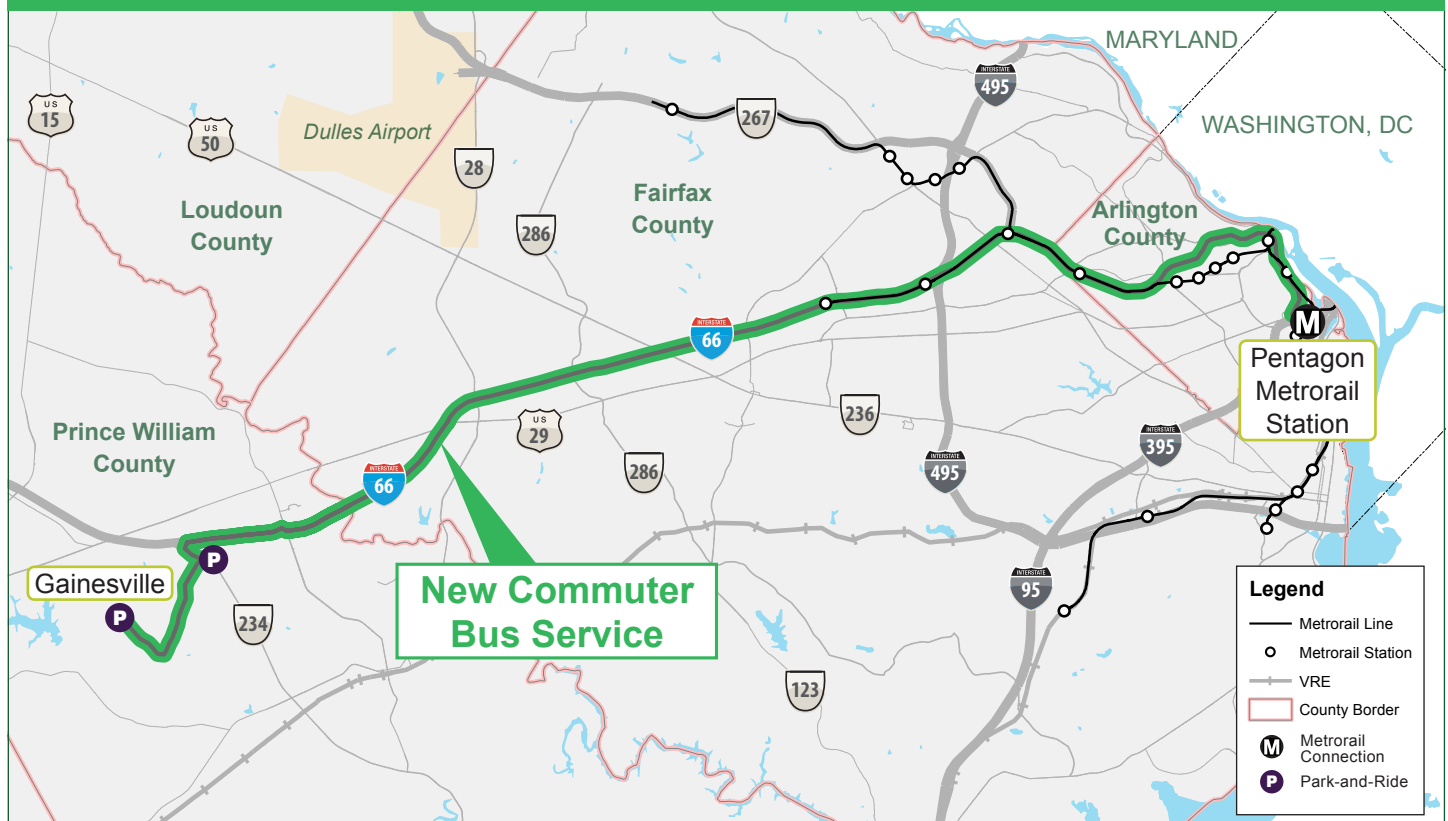
Benefit to Tollpayers:

This project benefits toll payers by shifting single-occupancy vehicle trips to transit vehicle trips, thereby reducing congestion on the tolled facility. Since this will be a dynamic-variable toll facility, the reduction in single-occupancy vehicle trips also serves to maintain a lower toll rate for those that choose to pay to use the managed lanes, reducing congestion on I-66 inside the Beltway.

Documented in:

Transportation Planning Board Constrained Long-Range Plan
Other Regional Plan
PRTC Long-Range Plan

Component Location



Benefit Evaluation:

Evaluation Criteria	Weighted Benefit Score
Person Throughput (up to 45 points) 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.	30
Peak Period Travel Time (up to 15 points) Project is likely to result in significant reductions (30 percent or greater) in inbound AM peak hour total travel time per person.	10
Connectivity (up to 15 points) Project provides new modal connections and/or further promotes transportation choice.	10
Accessibility (up to 15 points) Project addresses, improves, or enhances "first/last mile" travel between home/employment locations and transit or carpool/vanpool facilities.	15
Diversion Mitigation (up to 10 points) 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.	10
Total Component Benefit Score	75

Cost Evaluation:

Total Project Cost	\$ 887,900
Funding Request	\$ 887,900
Percent of Project Costs Requested	100%
Cost Effectiveness Score (Total Component Benefit Score/Funding Request)	84

Additional Information:

The proposed service will improve connectivity by directly linking residents of western Prince William County with the largest transit hub in the region, the Pentagon. The Pentagon provides access to two Metrorail lines (Blue and Yellow lines), other regional bus services, and Department of Defense facility shuttles. Transit trips to employment centers such as Alexandria, Crystal City, Pentagon City, and Mark Center become more convenient for Gainesville area residents.

The Transform 66 Multimodal Project is done in conjunction with:



Investing in Multimodal Solutions