



ART Operations and Maintenance Facilities

Project Description

This project will fulfill the Arlington Transit (ART) facilities needs anticipated in the 2016 Transit Development Plan (TDP). Due to the service expansion identified in the TDP that will add 2.2 million riders to the ART system by 2026, as well as the lack of suitably-sized properties in Arlington County, the County is currently pursuing an approach to implementation that will require two facilities located on two sites to meet the increased capacity of ART. This funding request includes two discrete ART facility projects, both of which are currently in the process of site acquisition and conceptual analysis of facility siting. The main property is located on Shirlington Road in Arlington County. At this time, it is anticipated that this facility will include bus operations, bus parking, and other support facilities. The County Board approved purchase of this property in October 2017. The other property under consideration is located in Springfield (in Fairfax County). It is anticipated that this site would accommodate heavy maintenance activities beyond that which can be accommodated in Arlington. The County Board approved the purchase of this property in December 2016, with a recent amendment in June 2017 to extend the Feasibility Period for the County and seller to determine construction and subdivision feasibility, respectively. The comprehensive ART Facilities request will implement the ART support facilities needed to implement future transit service increases as outlined in County's TDP and NVTA's TransAction. Specifically, the project includes phased construction for parking additional ART buses, facilities for maintenance and bus operations, as well as enclosed storage for transit infrastructure. When complete, ART will have the support network it needs to increase ridership, and to keep the entire bus fleet maintained and in service. This request would fund the ART Heavy Maintenance Facility and the ART Operations Facility, and includes anticipated land acquisition, design, site improvements, and phased construction. The project is currently undergoing conceptual design. The future bus service expansion that will be enabled by this project covers all of Arlington County and include dozens of additional service increments to existing routes, such as increased bus frequency and/or hours of service, as well as implementation of new routes.



Reference Number: 2018-001-0

TransAction ID: 123

Submitting Jurisdiction/Agency: Arlington County

Location: Shirlington Road, Arlington and Electronic Drive, Springfield, VA

Requested NVT A Funds: \$55,459,000

Total Cost to Complete Project: \$98,487,000

Project Location

ART Facilities proposed locations



Project Milestones

	Before FY2018	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	After FY2023
Design, Engineering, Environmental Work	X	X	X	X	X			
Right of Way Acquisition	X	X	X					
Construction				X	X			
Capital Asset Acquisitions					X			

Project Funding

	Requested NVT A Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$5,704,000	\$4,379,000 (Local)	\$11,819,000
Right of Way Acquisition	\$7,178,000	\$24,675,000 (Local, Bond, DRPT)	\$31,853,000
Construction	\$42,101,000		\$54,179,000
Capital Asset Acquisitions	\$476,000		\$636,000
TOTAL:	\$55,459,000	\$29,054,000	\$98,487,000

Note: There is a funding gap of \$13,974,000, for which Arlington County anticipates an additional funding request to DRPT in FY2019-21.

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's): **1.44**

Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's): **56**

TransAction Project Rating: **65.96**

TransAction Project Rating Rank: **45**

Note: The project analysis above was completed by NVT A staff using data and information from the project application and analyses of the region's transportation network.

Project Impacts

- Provide the ability to increase regional transit capacity by expanding the number of buses Arlington can operate
- Reduce traffic congestion on all major roads

Note: The regional impacts listed above are a summary of what was submitted in the project application NVT A staff received from the jurisdiction or agency that has applied for funding.