



DASH Transit Service Enhancements and Expansion



Project Description

The DASH Transit Service Enhancements and Expansion project will install infrastructure for electric buses in its planned facility expansion in an effort to accelerate the planned transition of the DASH fleet from hybrid and clean diesel buses to fully-electric vehicles and purchase eight fully electric buses. The electric buses would be used to provide new service in high-development areas such as Eisenhower Avenue and Potomac Yard, both existing and planned high development areas with large number of jobs and residents. These additional buses will also increase the reliability of existing services.

Reference Number: 2018-043-0

TransAction ID: 85

Submitting Jurisdiction/Agency: City of Alexandria

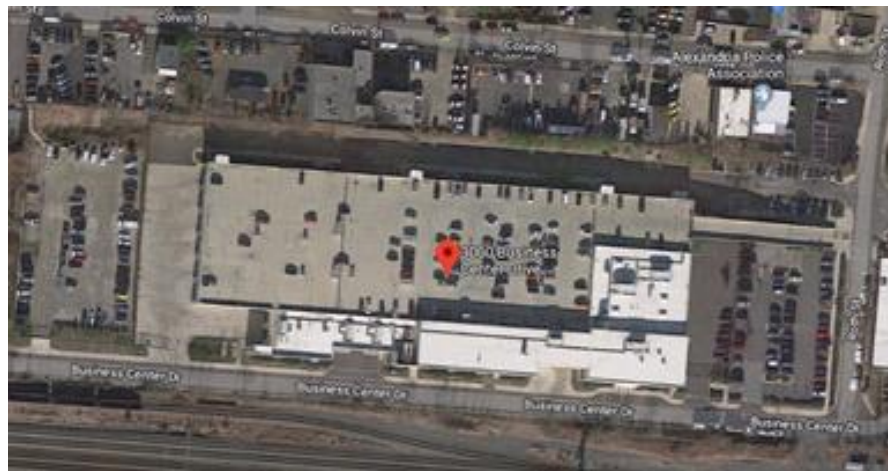
Location: Dash facility located at 3000 Business Center Drive, Alexandria, VA

Requested NVTA Funds: \$11,933,161

Total Cost to Complete Project: \$23,068,161

DASH has previously been awarded \$11.1 million in SmartScale funds to expand its existing garage facility to accommodate 45 additional buses, and to purchase six (6) clean diesel-propulsion expansion vehicles. DASH is now seeking to leverage those funds to secure an additional \$11.1 million to install electric infrastructure in the new part of the planned facility, and purchase eight (8) fully-electric expansion buses.

Project Location



Map and image courtesy: @2018Google

Project Milestones

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

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$50,000	\$397,000 (SMART SCALE)	\$447,000
Right of Way Acquisition			
Construction	\$354,000	\$6,157,000 (SMART SCALE)	\$6,511,000
Capital Asset Acquisitions	\$10,932,500	\$4,050,000 (SMART SCALE)	\$14,982,500
Other	\$596,661	\$531,000 (SMART SCALE)	\$1,127,661
TOTAL:	\$11,933,161	\$11,135,000	\$23,068,161

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	33.70
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	20
TransAction Project Rating:	66.53
TransAction Project Rating Rank:	39

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

Regional Impacts

- Reduce congestion by allowing DASH to provide new/improved transit service
- Reduce environmental impacts
- Improve connectivity in and around Eisenhower Avenue and Potomac Yard

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