



Alexandria Duke Street Transitway

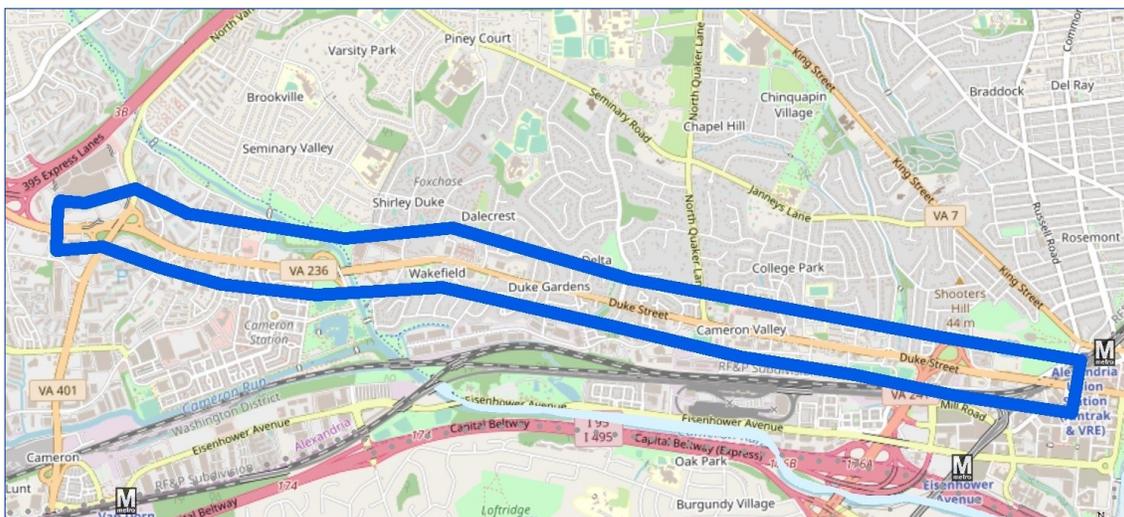
NVTA FY2020-2025
SIX YEAR PROGRAM
Updated: 7/15/2020

Project Description

This application is for an initial phase of the Alexandria Duke St transitway, located on Duke St. between Diagonal Rd (King St Metro) and Landmark Mall. The transitway is a high priority in the City's Master Plan. The conceptual design, developed as part of the Transitway Corridors Feasibility Study (adopted by City Council in 2012), recommended a phased approach to construction / operation of the transitway. This initial phase is primarily for stations / shelters, buses, limited ROW, and utility relocation. It includes dedicated transit lanes along the corridor where six lanes exist today (between Landmark Mall and Jordan St. and between Roth St. and Diagonal Rd.). In the remaining section of Duke St. (between Jordan St and Roth St., transit will operate in mixed flow, and include queue jump lanes, and Transit Signal Priority (TSP) along the entire corridor to improve speed / reliability. The project will include new stations and pedestrian access and safety improvements at transit stations / intersections, and bike facilities as feasible. The Landmark Mall transit station will be on an urban street that the mall owner will convey to the City as public Right-of-Way, and the station would be owned by the City and maintained by the transit operator. Future phases (Not part of this application) would build on the first phase to provide dedicated transit lanes throughout the entire corridor, and additional corridor wide pedestrian and bicycle improvements. Previous NVTA funding for FY 14 (\$60,000), FY 15/16 (\$190,000) was used for the installation of some TSP improvements along the Duke St. corridor to initiate improved transit reliability, the first step toward the development of a BRT facility. FY 18-23 NVTA funding (\$12 million) will be used toward a project manager, the planning and environmental analysis, and design. The funding request for FY24-25 will be used toward ROW, utilities, vehicles and construction of the first phase of improvements, totaling approximately \$75 million. This request is scalable, and at a minimum, \$25 million would be a reasonable investment for the minimal improvements needed to start this initial phase, allowing for service delivery by FY 2027. This includes fewer buses, and focuses on station improvements, and would not include other components such as pedestrian improvements, additional TSP, ROW and queue jump lanes.

Primary Mode(s)	Secondary Mode(s)
Application Number	ALX-014
SPA Number	
TransAction ID Number	41
Submitting Jurisdiction/Agency	City of Alexandria
Location	Duke St, between Diagonal Rd and Landmark Mall.
Requested NVTA Funds	\$75,000,000
NVTA Funds Approved	\$75,000,000
Previous NVTA Funds Received	\$12,000,000
Total Cost to Complete Project	\$87,555,000

Project Location



Project Milestone

	Earlier	FY21	FY22	FY23	FY24	FY25	FY26	FY27	Beyond
Study	2011 - 2013								
Design, Engineering, Environmental Work	2020	X	X	X					
Right of Way Acquisition					X	X			
Construction						X	X	X	
Capital Asset Acquisitions							X	X	

Project Funding

	Requested NVTA Funds	NVTA Funds Approved	Previously Approved NVTA Funds	Other funding	Gap	Total Cost by Phase
Study	\$0	\$0	\$0	\$555,000	\$0	\$555,000
Design, Engineering, Environmental Work	\$0	\$0	\$12,000,000	\$0	\$0	\$12,000,000
Right of Way Acquisition	\$14,200,000	\$14,200,000	\$0	\$0	\$0	\$14,200,000
Construction	\$41,600,000	\$41,600,000	\$0	\$0	\$0	\$41,600,000
Capital Asset Acquisitions	\$19,200,000	\$19,200,000	\$0	\$0	\$0	\$19,200,000
TOTAL	\$75,000,000	\$75,000,000	\$12,000,000	\$555,000	\$0	\$87,555,000

The city has not applied for other funding but will be considering Federal funding through the Federal Transit Administration's (FTA) Small Starts Program for any funding gaps.

Project Analysis Highlights

	Rating	Rank
Congestion Reduction Relative to Cost (CRRC)	38.98	9
TransAction Project Performance	65.03	5
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2019)		0.00%
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2019)		104.50%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA		1.00%
Local Priority		1
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)		2
NVTA-Funded Project(s) Nearby	Number	NVTA Funds Allocated
	6	\$27,891,152

Notes: Future phase 2 will include dedicated transit lanes along the entirety of the corridor.