



Northern Virginia Transportation Authority FY2022-2027 Six Year Program

West End Transitway Phase 1b



Date Submitted: 10/01/2021

APPLICATION #: ALX-018

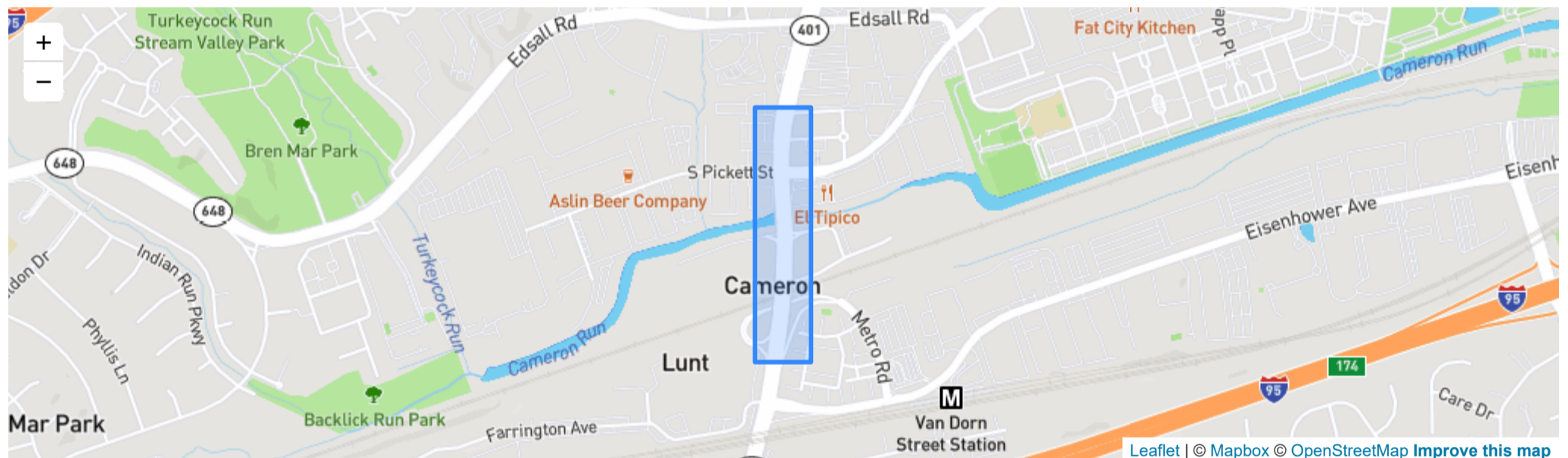
South Van Dorn Street and Bridge Design

Project Description

This project will design South Van Dorn Street and the Van Dorn bridges between Metro Road and McConnell Avenue to accommodate dedicated transit lanes for the future West End Transitway as well as improve non-motorized facilities along the bridges for better connections between new developments, transit stops/stations and the Van Dorn Metrorail station. Design would include structural, civil and traffic engineering as well as community engagement, environmental work, staff time and substantial contingency funds. The existing Van Dorn Street bridge currently includes a narrow sidewalk along the east side, and no bicycle facilities. In 2016, the City completed the West End Transitway Alternatives Analysis and the Environmental Documentation was completed in 2017. A conceptual plan for the full build out of the transitway included dedicated bus lanes on Van Dorn Street for the transitway from Metro Road to the north and maintained existing vehicle travel lanes. The Eisenhower West Small Area Plan also recommends multimodal improvements to the South Van Dorn Street bridge. In FY 2022, the City will conduct a feasibility study that looks at traffic, concept options and develops more refined cost estimates to better understand the level of funding needed for design and construction in future years. Beginning the design of this portion of the transitway, where the City has already acquired right of way makes the City very competitive for construction funds for this project.

Primary Mode(s)	Secondary Mode(s)
	
Application Number	ALX-018
Primary TransAction ID Number	42
Submitting Jurisdiction/Agency	City of Alexandria
Location	The project is located on South Van Dorn Street between Metro Road and McConnell Avenue
Requested NVTA Funds	\$5,000,000.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$0.00
Total Cost to Complete Project	\$40,999,440.00

Project Location



Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY21					
FY22	X				
FY23					
FY24					
FY25					
FY26		X			
FY27		X			
Beyond		X	X	X	

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$70,000	\$5,000,000	\$1,500,000	\$34,429,440	\$0	\$40,999,440
NVTA Funds Applied	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000
Local	\$70,000					\$70,000
Total Other	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Gap	\$0	\$0	\$1,500,000	\$34,429,440	\$0	\$35,929,440

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	2.77
Congestion Reduction Relative to Cost (CRRC) Rank	22
TransAction Project Rating	30.73
TransAction Project Rank	6
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2021)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2021)	90%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	0%
Local Priority	1
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	0
Number of NVTA-Funded Project(s) Nearby	3
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$88,688,000