



Northern Virginia Transportation Authority FY2024-2029 Six Year Program

Safety Improvements at High-Crash Intersections

Date Submitted: 07/28/2023

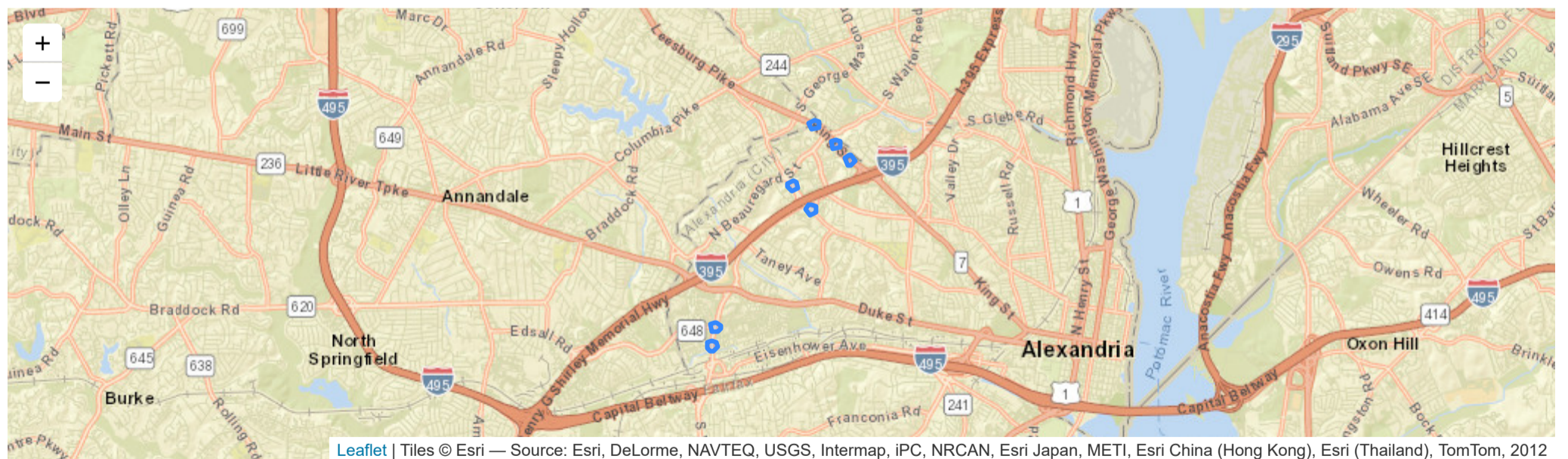
APPLICATION #: ALX-029

Project Description

This project will design safety improvements at seven high-crash intersections in Alexandria. Safety improvements may include treatments such as geometric modifications, signal improvements, signage and striping, and lighting to enhance safety for all roadway users. All seven intersections are located within the City's High Crash Network. This project will help the City achieve its Vision Zero goal of reducing serious crashes and is consistent with NVTAs safety goals. In FY 2024 and 2025, the City will complete intersection safety audits, community engagement and conceptual designs at these locations as part of the federally funded Safe Streets and Roads for All planning grant. The project aligns with a number of NVTAs Transaction projects including bus rapid transit and transit service expansion, implementation of projects recommended in the Alexandria Mobility Plan, projects providing access to new transit center Southern Towers, Upper King Street, and could include ITS upgrades as part of the project design as well.

Primary Mode(s)	Secondary Mode(s)
Application Number	ALX-029
Primary TransAction ID Number	42
Submitting Jurisdiction/Agency	City of Alexandria
Location	Project includes the following seven intersections: King St & Dawes Ave; King St & 28th St; King St & Park Center Dr; Seminary Rd & Mark Center Ave; Seminary Rd & Kenmore Ave/Library Ln; S Van Dorn St & Edsall Rd; and S Van Dorn St & S Pickett St. While the safety audits are focused at intersections, recommendations for roadway improvements between the intersections could be included along King Street, Seminary Road and South Van Dorn Street.
Requested NVTAs Funds	\$3,000,000.00
NVTAs Funds Approved	\$3,000,000
Previous NVTAs Funds Received	\$0.00
Total Cost to Complete Project	\$20,500,000.00

Project Location



Leaflet | Tiles © Esri — Source: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier					
FY23					
FY24	X				
FY25	X				
FY26	X				
FY27					
FY28		X			
FY29		X	X		
Beyond		X	X	X	

Year of expected project completion: FY2032

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$1,000,000	\$3,000,000	\$1,500,000	\$15,000,000	\$0	\$20,500,000
NVTA Funds Applied	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
Other Federal	\$1,000,000	\$0				\$1,000,000
Total Other	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Gap	\$0	\$0	\$1,500,000	\$15,000,000	\$0	\$16,500,000

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRR) Rating	24.07
Congestion Reduction Relative to Cost (CRR) Rank	11
TransAction Project Rating	24.25
TransAction Project Rank	11
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2023)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2023)	83.86%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	4.88%
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	4
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$97,450,000