



Alexandria Bike and Pedestrian Trails and Reconstruction

Project Description



This project will implement important pedestrian and bicycle safety and mobility enhancements along a primary roadway corridor, which experiences high automobile volumes and speeds, and has a history of pedestrian and bicycle crashes and fatalities. Some of the improvements include continuing work on lane reconfiguration, installation of signs, and potential speed limit reduction, landscaped pedestrian refuge islands at several crossings, new crosswalks across King Street and new sidewalks where missing. This project would construct new sidewalks along the north and south sides of King Street, including over I-39. Furthermore, this project will also improve bike facilities along King Street between N. Quaker Ln to Fairfax County Line that will improve regional bicycle connectivity.

Reference Number: 2018-044-0
TransAction ID: 90
Submitting Jurisdiction/Agency: City of Alexandria
Location: King Street, Alexandria
Requested NVTA Funds: \$2,200,000
Total Cost to Complete Project: \$11,630,000

The project also considers installation of crosswalks across side streets, a leading pedestrian interval for pedestrians crossing King Street, upgraded curb ramps, sidewalk maintenance and ADA compliant bus stops.

This project would be coordinated with a separate project to install transit vehicle signal priority (TSP) work including the following: 1) install TSP on King Street between Dawes Avenue and Quaker Lane; and, 2) enhance the existing TSP system on Duke Street between Walker Street and Telegraph Road. The TSP element is part of TransAction project #113, which the City is applying for through a separate application.

Project Location



Project Milestones

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

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$1,163,000		\$1,163,000
Right of Way Acquisition	\$1,037,000	\$1,000,000 (CMAQ)	\$2,326,000
Construction			\$6,978,000
Capital Asset Acquisitions			
Other			\$1,163,000
TOTAL:	\$2,200,000	\$1,000,000	\$11,630,000

Note: There is a funding gap of \$8,430,000.

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	6.88
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	44
TransAction Project Rating:	66.90
TransAction Project Rating Rank:	37

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

- Improve access
- Expanding travel mode choices
- Increase safety
- Reduce congestion
- Improve safety

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.