

Northern Virginia Transportation Authority

South Elden Street Corridor Improvements

Date Submitted: 08/01/2025

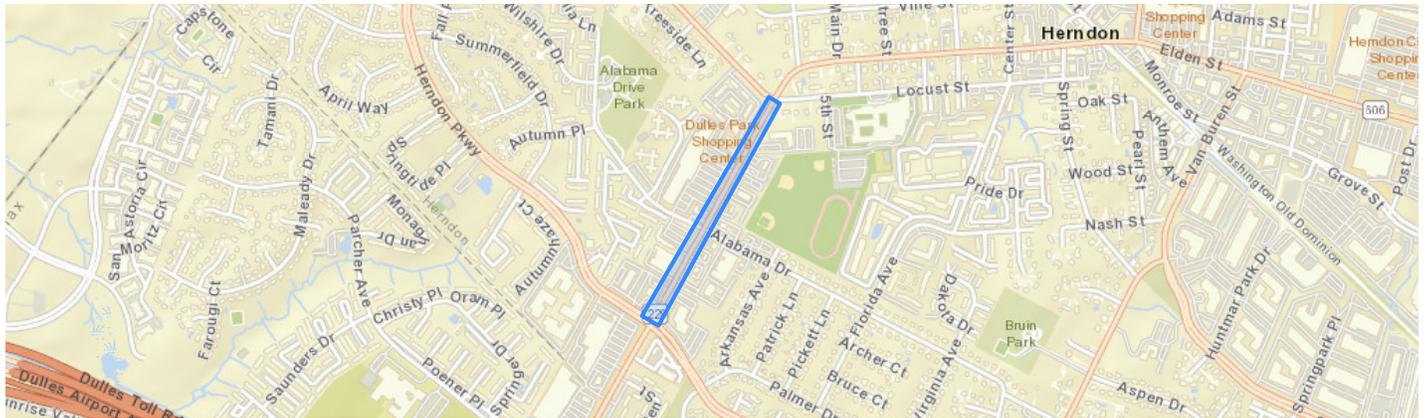
APPLICATION #: HND-016
South Elden St Reconstruction

Project Description

This application aims to assist in funding the construction of a portion of a key arterial corridor in the Northern Virginia region - South Elden Street. The Town of Herndon lies in the northwest quadrant at the intersection of the Dulles Toll Road and the Fairfax County Parkway, both of which are corridors of Regional Significance. Elden Street is a 2.5-mile commercial and residential corridor that bisects the town and connects to both the DTR at Elden Street's southern end and to the Fairfax County Parkway at its eastern end. The South Elden Street Improvements project is for the 0.4-mile section between Sterling Road and Herndon Parkway. Safety is a critical component for this project, emphasizing a seamless and safer multimodal environment for pedestrians and cyclists. The scope is to add an 8-foot shared-use path and to reconstruct the existing 5-lane section to be a 4-lane section with a raised median and dedicated turning lanes. Other improvements include LED traffic/bike/pedestrian signalization, streetlighting, ADA curb cuts, sidewalks, and paver crosswalks. The purpose of this project is to enhance safety and multimodal circulation for drivers, pedestrians, bicyclists, and transit riders, facilitating access to local and regional destinations. Additionally, two Bus Rapid Transit (BRT) lines (#17 & #18) are proposed to run through the entire length of this project. The scope of this project envisions BRT facilities, such as bus stops and a recommended bus pull-off bay, as well as signal modifications necessary for the future proposed BRT.

Primary Mode(s)	Secondary Mode(s)
	 
Application Number	HND-016
Primary TransAction ID Number	351
Submitting Jurisdiction/Agency	Town of Herndon
Location	This project is 0.4 mile long and extends between the intersection of South Elden Street/Sterling Road and South Elden Street/Herndon Parkway.
Requested NVTA Funds	\$15,572,514.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$0.00
Total Cost to Complete Project	\$31,572,514.00

Project Location



Project Milestones

	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition
Earlier		X	X		
FY29			X	X	
FY30				X	
FY31				X	
Beyond					

Year of expected project completion: FY2031

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$2,146,076	\$3,563,759	\$25,862,679	\$0	\$31,572,514
NVTA Funds Applied	\$0	\$0	\$0	\$15,572,514	\$0	\$15,572,514
SmartScale		\$2,146,076	\$3,563,759	\$10,290,165		\$16,000,000
Total Other	\$0	\$2,146,076	\$3,563,759	\$10,290,165	\$0	\$16,000,000
Gap	\$0	\$0	\$0	\$0	\$0	\$0

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	0.47
Congestion Reduction Relative to Cost (CRRC) Rank	25
TransAction Project Rating	14.34
TransAction Project Rank	9
Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2025)	N/A
Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2025)	36.90%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	50.68%
Local Priority	1
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	1
Number of NVTA-Funded Project(s) Nearby	4
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$12,500,000