

Colonial Highway Pedestrian Safety Improvements Project

Date Submitted: 07/31/2025

APPLICATION #: LDN-041

Project Description

The project encompasses the installation of new sidewalks and ADA-compliant crossings along both sides of E Colonial Highway, extending approximately 3,500 feet. This initiative will enhance pedestrian accessibility and safety, connecting the existing trail east of Hamilton Station Road to recent sidewalk improvements west of the Town office along Colonial Highway. These new improvements will introduce a safe pedestrian route to town businesses and Hamilton Elementary School for all those located within the town limits. In addition, with completion of Loudoun County's planned multi-use path from the town limits west to Purcellville, this project will provide the missing link to a continuous pedestrian network through Hamilton and between the two towns within the busy Route 7 Corridor. The new sidewalks will eventually connect to a planned County multi-use trail further along E Colonial Highway to connect to the recreation and commuter facilities at Scott Jenkins Park. The scope of work includes constructing new sidewalks that meet ADA compliance standards and installing new ADA-compliant pedestrian crossings at key intersections to enhance safety and accessibility. Additionally, the project addresses inadequate existing stormwater management by installing an efficient stormwater drainage system, integrating new curb and gutter systems to properly channel water flow and implementing drainage networks to manage and direct stormwater effectively, preventing flooding, maintaining proper drainage, and preventing pedestrian hazards. As part of the project, there are proposed parking improvements to enhance accessibility and convenience for visitors and residents. Furthermore, new ADA-compliant driveway aprons will be installed, contributing to uniformity and cohesiveness throughout the town limits. To further enhance pedestrian safety and create a more welcoming environment, this project will add pedestrian-scale, dark sky friendly sidewalk lighting. The addition of lighting will improve visibility for pedestrians during evening and nighttime hours, enhancing overall safety and encouraging more foot traffic within the area. The overall goals of this project are to improve pedestrian safety and accessibility through ADA-compliant infrastructure, enhance community connectivity, upgrade inadequate drainage systems to mitigate flooding, and provide a safe and convenient path for pedestrians.

Primary Mode(s)	Secondary Mode(s)
	
Application Number	LDN-041
Primary TransAction ID Number	309
Submitting Jurisdiction/Agency	Loudoun County
Location	The project is located along E Colonial Highway, extending approximately 3,500', from the recent sidewalk improvements at N King St within the Town of Hamilton to the existing trail, 100 feet east of Hamilton Station Road.
Requested NVTA Funds	\$8,488,000.00
NVTA Funds Approved	N/A
Previous NVTA Funds Received	\$0.00
Total Cost to Complete Project	\$8,488,000.00

Project Location



Project Milestones

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

Year of expected project completion: FY2034

Project Funding

Source	Study	Design / Engineering / Environmental	ROW and Utilities	Construction	Asset Acquisition	Total
Total Cost	\$0	\$1,586,166	\$1,055,925	\$5,845,909	\$0	\$8,488,000
NVTA Funds Applied	\$0	\$1,586,166	\$1,055,925	\$5,845,909	\$0	\$8,488,000
Total Other	\$0	\$0	\$0	\$0	\$0	\$0
Gap	\$0	\$0	\$0	\$0	\$0	\$0

Project Analysis Highlights

Congestion Reduction Relative to Cost (CRRC) Rating	0.48
Congestion Reduction Relative to Cost (CRRC) Rank	24
TransAction Project Rating	6.42
TransAction Project Rank	21
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)	43.72%
Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA	0.00%
Local Priority	2
Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council)	1
Number of NVTA-Funded Project(s) Nearby	2
Regional Funds allocated to NVTA-Funded Project(s) Nearby	\$22,500,000