



Crystal City Metrorail Station Second Entrance

East Entrance and Intermodal Connections



Project Description

This project will design and construct a second entrance to the Crystal City Metrorail Station at the northwest corner of the intersection of Crystal Drive and 18th Street South. The new entrance will be located to the east of the existing entrance, which is located on south Bell Street at 18th Street South, and will provide access to the east side of the train platform. The new entrance will include two street-level elevators and stairs connecting to the fare payment area and an underground passageway and new mezzanine with stairs and elevators to the train platform. It will have fare gates, fare vending machines, and an attended kiosk. This new entrance will provide more direct access to businesses and residences on the east side of Crystal City, and will better connect to the VRE station, served by the VRE Manassas and Fredericksburg Lines; the northbound Metroway service originating in Alexandria; the ART 43, which provides direct, limited-stop service to the Rosslyn-Ballston Corridor; and the ART 92, which provides a direct connection to the Pentagon. This intermodal connectivity provides bus-to-rail transfers at one location from regional rail service to employment centers. The new entrance will relieve congested conditions at the current entrance and station platform, provide for more even passenger distribution along the platform (enabling more efficient loading/unloading, thus reducing transit crowding on trains and enabling more efficient system performance), and provide additional egress during emergency situations. This project expands upon the existing transit, roadway, pedestrian, and bicycle network in Crystal City, and leverages other projects underway that also support that effort, including the Crystal City Multimodal Center and the Crystal City Streets projects, both funded by NVTA. Arlington County plans to lead the design and construction in coordination with WMATA and JBG Smith which owns the adjacent property where part of the entrance will be located. Arlington seeks funding in place to award construction, thereby delivering the project more on a guaranteed cash flow across multiple fiscal years rather than a fixed cash flow for single fiscal years. The guaranteed cash flow could potentially speed up the project.

Reference Number: 2018-003-0
TransAction ID: 89
Submitting Jurisdiction/Agency: Arlington County
Location: Crystal Drive and 18th Street South, Arlington
Requested NVTA Funds: \$87,000,000
Total Cost to Complete Project: \$90,140,000

Project Location



Project Milestones

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

Project Funding

	Requested NVTA Funds	Other Funding Sources	Total Cost by Phase
Design, Engineering, Environmental Work	\$9,053,000	\$260,000 (DRPT, Local)	\$12,193,000
Right of Way Acquisition			
Construction	\$77,947,000		\$77,947,000
Capital Asset Acquisitions			
TOTAL:	\$87,000,000	\$260,000	\$90,140,000

Note: There is a funding gap of \$2,880,000 for which Arlington County anticipates a funding request to DRPT in FY2019-22.

Project Analysis Highlights

Congestion Reduction Relative to Cost Ratio (Total Cost in \$1000's):	1.13
Congestion Reduction Relative to Cost Ratio Rank (Total Cost in \$1000's):	58
TransAction Project Rating:	51.94
TransAction Project Rating Rank:	58

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

- Increase access/egress capacity for the station
- Provide direct connection to the Transitway station on Crystal Drive
- Improve emergency egress, making the station compliant with the National Fire Protection Act
- Reduce travel time to VRE station, businesses and residents along Crystal Drive, thereby increasing transit access
- Reduce congested operations of the station and platform.

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.