



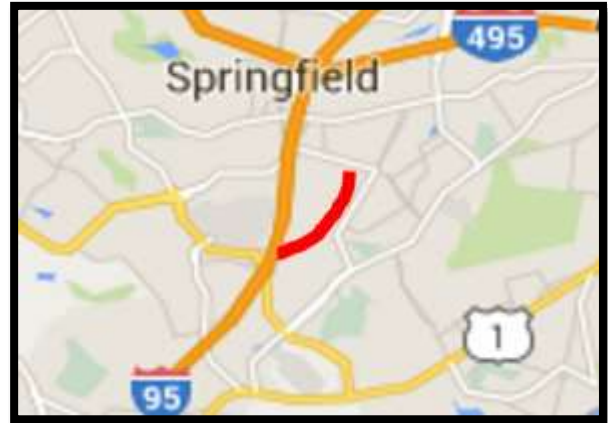
Project Description Form – 8Z

Basic Project Information

Submitting Jurisdiction/Agency: Fairfax County

Project Title: Frontier Drive Extension & Intersection Improvements

Project Location: Franconia Springfield Parkway to Loisdale Road



Project Description: Extend Frontier Drive from Franconia-Springfield Parkway to Loisdale Road, including access to Franconia-Springfield Metrorail Station and braided ramps to and from the Parkway. Provide on-street parking along Frontier Drive as well as pedestrian and bicycle facilities. Supports future potential relocation of the FBI to Springfield and access between Loisdale Road Medical Campus and Franconia-Springfield Metrorail.

Project Milestones

Project Milestones by Project Phase:

- **Engineering:**
- **Environmental Work:**
- **Design: Start of PE late FY2015, start of final design FY2019**
- **Right of Way Acquisition: FY2019 to FY2021**
- **Construction: FY2021 to FY2023**
- **Capital Asset Acquisitions**
- **Other**

Project Analysis Summary*

NVTA Quantitative Score	37.79	Rank	22
Congestion Reduction Relative to Cost Ratio (NVTA Share)	0.03	hours saved/\$	Rank 20
Congestion Reduction Relative to Cost Ratio (Total Cost)	0.03	hours saved/\$	Rank 20

*Detailed scoring information can be found at: <http://www.thenovaauthority.org/planning-programming/fy2017-program/>

Project Cost

Requested NVTA FY2017 Funds: \$15,000,000

Total Cost to Complete Project: \$84,500,000

Project Phases	Requested NVTA FY2017 Funds	Other Sources of Funding	Total Cost by Phase
Engineering	\$5,000,000 (FY2017 – FY2019)	\$5,000,000 (NVTA 30% and FY2015-2016)	\$10,000,000 (FY2015 – FY2019)
Environmental Work	(included in engineering)	(included in engineering)	(included in engineering)
Design	(included in engineering)	(included in engineering)	(included in engineering)
Right of Way Acquisition	\$10,000,000 (FY2019 – FY2021)	\$15,000,000 (NVTA, future request)	\$25,000,000 (FY2019 – FY2021)
Construction		\$49,500,000 (NVTA, future request)	\$49,500,000 (FY2021 – FY2023)
Capital Asset Acquisitions			
Other			
TOTAL	\$15,000,000	\$69,500,000	\$84,500,000

Project Impacts

What regional benefit(s) does this project offer?

- Reduces congestion around the Springfield Mall.
- Potential to reduce congestion on I-95, between VA 289 and Spring Mall Road.
- Enhances connectivity and access to and from Franconia-Springfield Metrorail.
- Supports potential relocation of FBI headquarters to Springfield.
- Creates a more walkable, bicycle/pedestrian-friendly environment.
- Improves connection between Franconia-Springfield Metro with Springfield Mall, and connects Franconia-Springfield Metro Springfield Industrial Park.

How will the project reduce congestion?

- Provides alternative route.
- Shortens trip lengths.
- Reduces trips on Spring Mall Road, Frontier Drive.
- Enhances connectivity and access to and from Franconia-Springfield Metrorail.

How will the project increase capacity? Construction of a new roadway connection will divert more traffic onto the new facility via provision of alternative route. Therefore, the surrounding existing roadway network is anticipated to accommodate more traffic.

How will the project improve auto and pedestrian safety?

- The project will provide bicycle and pedestrian facilities, both on-road and separated from vehicular traffic, which will enhance safety for all users.
- Reduces congestion around the Springfield Mall.
- Enhances connectivity and access to and from Franconia-Springfield Metrorail.
- Enhances bicycle/pedestrian connectivity and access to Franconia-Springfield Metrorail.
- Braided ramps would help to enhance safety by eliminating the weave that now occurs from the Franconia Springfield Metrorail Station ramp onto Franconia Springfield (FS) Parkway westbound and the FS Parkway westbound ramp onto Frontier Drive. With the Frontier Drive extension, volume on the Franconia Springfield Metrorail Station ramp increases significantly.

How will the project improve regional connectivity? This project is located within the Springfield Activity Center and is anticipated to improve connectivity within the center: from/to the adjacent developments such as GSA, Springfield Town Center, and Northern Virginia Community College via the new extension with improved connectivity allowed for auto, bike and pedestrian modes.

How will the project improve bicycle and pedestrian travel options? This project is envisioned to incorporate on-road bicycle facilities and sidewalk on the new roadway facility which will improve connectivity to the existing facilities.

How will the project improve the management and operation of existing facilities through technology applications? N/A

Additional Information in Support of This Project

- Fairfax County Comprehensive Plan:
<http://www.fairfaxcounty.gov/dpz/comprehensiveplan/area4/franconiaspring.pdf>
- Springfield Connectivity Study: <http://www.fairfaxcounty.gov/dpz/springfield/>
- GSA Release of Locations Shortlisted for FBI Consolidated Headquarters
<http://www.gsa.gov/portal/content/195167>
- Springfield Connectivity Study Final (Executive Summary) -
<http://www.fairfaxcounty.gov/dpz/springfield/fr1-springfieldtransevalreport20081001.pdf>