



Jermantown Road/Route 29 Intersection Improvements

NVTA FY2020-2025
SIX YEAR PROGRAM
Updated: 7/15/2020

Project Description

This project will construct multimodal improvements at the intersection of Lee Highway/Route 29 and Jermantown Road in City of Fairfax. The scope of work includes higher visibility signals on mast arms and improved pedestrian facilities (new displays as well as improved crosswalks). The project will also allow for optimized lane use and signal phasing that can better serve Jermantown Road and Rust Road traffic in a lower combined time, thus allowing for a higher percentage of time to be allocated to the arterial phases of Lee Highway (Route 29). This will improve traffic flow for passenger and transit vehicles.

Primary Mode(s)



Secondary Mode(s)



| | |
|--------------------------------|--|
| Application Number | CFX-015 |
| SPA Number | |
| TransAction ID Number | 136 |
| Submitting Jurisdiction/Agency | City of Fairfax |
| Location | Intersection of Jermantown Rd and Rte. 29 (Lee Hwy.) |
| Requested NVTA Funds | \$700,000 |
| NVTA Funds Approved | \$700,000 |
| Previous NVTA Funds Received | \$0 |
| Total Cost to Complete Project | \$1,400,000 |

Project Location



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Project Milestone

| | Earlier | FY21 | FY22 | FY23 | FY24 | FY25 | FY26 | FY27 | Beyond |
|---|---------|------|------|------|------|------|------|------|--------|
| Study | | | | | | | | | |
| Design, Engineering, Environmental Work | | | | | X | | | | |
| Right of Way Acquisition | | | | | | X | | | |
| Construction | | | | | | X | X | | |
| Capital Asset Acquisitions | | | | | | | | | |

Project Funding

| | Requested NVTA Funds | NVTA Funds Approved | Previously Approved NVTA Funds | Other funding | Gap | Total Cost by Phase |
|---|----------------------|---------------------|--------------------------------|---------------|-----------|---------------------|
| Study | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Design, Engineering, Environmental Work | \$150,000 | \$150,000 | \$0 | \$0 | \$150,000 | \$300,000 |
| Right of Way Acquisition | \$50,000 | \$50,000 | \$0 | \$0 | \$50,000 | \$100,000 |
| Construction | \$500,000 | \$500,000 | \$0 | \$0 | \$500,000 | \$1,000,000 |
| Capital Asset Acquisitions | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTAL | \$700,000 | \$700,000 | \$0 | \$0 | \$700,000 | \$1,400,000 |

The City is applying for Revenue Sharing funds and will use local funds to fill any gaps.

Project Analysis Highlights

| | Rating | Rank |
|---|--------|----------------------|
| Congestion Reduction Relative to Cost (CRRC) | 395.72 | 1 |
| TransAction Project Performance | 54.31 | 29 |
| Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2019) | | Not applicable |
| Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2019) | | 45.40% |
| Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA | | 0.00% |
| Local Priority | | 5 |
| Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council) | | 1 |
| NVTA-Funded Project(s) Nearby | Number | NVTA Funds Allocated |
| | 1 | \$1,000,000 |

Notes: None.