



Northern Virginia Transportation Authority

FY2024-2029 Six Year Program

Old Ox Road Widening - Shaw Road to Oakgrove Road

Date Submitted: 07/27/2023

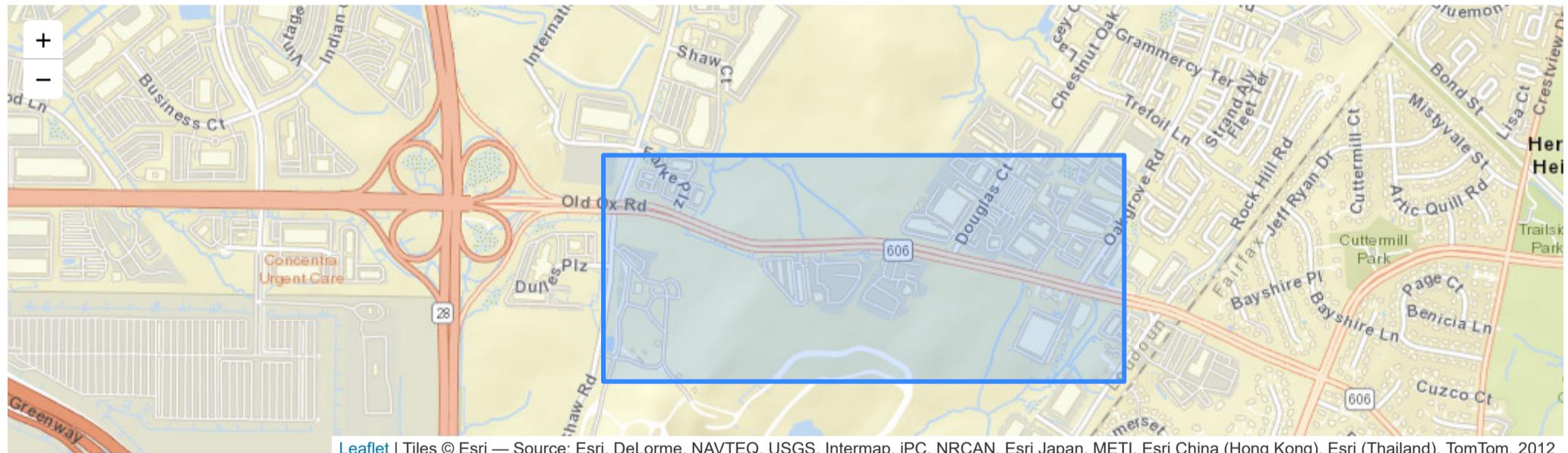
APPLICATION #: LDN-029

Project Description

This project provides funding for the planning, design, right-of-way acquisition, and widening of Old Ox Road (VA 606) from four lanes to a six-lane roadway between Shaw Road and Oakgrove Road. The total length of this portion of Old Ox Road is approximately 0.85 miles long. Old Ox Road is constructed as a 4-lane divided roadway with partial curb and gutter. Left and right turn lanes have been constructed at the intersections with Shaw Road and Oakgrove Road. Signals have been installed at the intersections with Shaw Road and Oakgrove Road. This project will provide for increased access to the Dulles Airport, the Loudoun Gateway Metro Station to the west and the Innovation Center Metro Station to the south via the proposed Davis Drive Bridge project. Additionally, the project will include 10-foot-wide shared use paths on both sides of the roadway which will enhance multimodal connectivity. The shared use paths will connect to existing sidewalks at the Shaw and Oakgrove intersections. The improved roadway would add capacity for regional traffic between Loudoun County and the Town of Herndon.

| Primary Mode(s) | Secondary Mode(s) |
|--------------------------------|---|
| | |
| Application Number | LDN-029 |
| Primary TransAction ID Number | 172 |
| Submitting Jurisdiction/Agency | Loudoun County |
| Location | The project contains improvements, including at the intersections between Shaw Road and Oakgrove Road with a transition to the existing four lane road between Oakgrove Road and the Town of Herndon. |
| Requested NVTA Funds | \$30,000,000.00 |
| NVTA Funds Approved | N/A |
| Previous NVTA Funds Received | \$0.00 |
| Total Cost to Complete Project | \$49,350,000.00 |

Project Location



Project Milestones

| | Study | Design / Engineering / Environmental | ROW and Utilities | Construction | Asset Acquisition |
|---------|-------|--------------------------------------|-------------------|--------------|-------------------|
| Earlier | | | | | |
| FY23 | | X | | | |
| FY24 | | X | X | | |
| FY25 | | | X | | |
| FY26 | | | X | | |
| FY27 | | | X | | |
| FY28 | | | X | X | |
| FY29 | | | | X | |
| Beyond | | | | X | |

Year of expected project completion: FY2030

Project Funding

| Source | Study | Design / Engineering / Environmental | ROW and Utilities | Construction | Asset Acquisition | Total |
|--------------------|-------|--------------------------------------|-------------------|--------------|-------------------|--------------|
| Total Cost | \$0 | \$6,297,000 | \$10,908,000 | \$32,145,000 | \$0 | \$49,350,000 |
| NVTA Funds Applied | \$0 | \$0 | \$0 | \$30,000,000 | \$0 | \$30,000,000 |
| Proffers | | \$6,297,000 | \$3,379,000 | \$0 | | \$9,676,000 |
| Proffers | | \$0 | \$7,529,000 | \$2,145,000 | | \$9,674,000 |
| Total Other | \$0 | \$6,297,000 | \$10,908,000 | \$2,145,000 | \$0 | \$19,350,000 |
| Gap | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |

Project Analysis Highlights

| | |
|---|---------------|
| Congestion Reduction Relative to Cost (CRRC) Rating | 11.22 |
| Congestion Reduction Relative to Cost (CRRC) Rank | 19 |
| TransAction Project Rating | 20.49 |
| TransAction Project Rank | 16 |
| Project's Past Performance (Percentage of expected funds that was reimbursed by 12/31/2023) | N/A |
| Jurisdiction/Agency's Past Performance on All Projects (Percentage of expected funds that was reimbursed by 12/31/2023) | 36.17% |
| Percentage of Total Project Cost Covered by Funds from Sources Other than NVTA | 39.21% |
| Local Priority | 3 |
| Number of Supporting Resolutions (does not include resolution from applicant's own Board/Council) | 1 |
| Number of NVTA-Funded Project(s) Nearby | 5 |
| Regional Funds allocated to NVTA-Funded Project(s) Nearby | \$122,504,670 |