

Legislative Update



Staunton District

Frederick County

Summer 2022

Interstate 81 - Exit 317 Northbound Acceleration and Southbound Deceleration Lane Extension



UPC 115181

SMART SCALE Applicant:
WinFred MPO

This project is located on Interstate 81 at Exit 317. The project will extend the existing northbound acceleration and southbound deceleration lanes to meet current VDOT standards

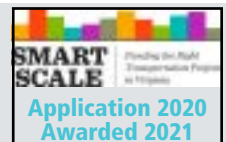
SMART SCALE Funding:
\$3,209,056

Estimated Cost:
\$3,209,056

Estimated Ad Date:
Early 2026

VDOT Contact:
Anthony Pelina, 540-332-9575

Route 7 (Berryville Pike) Access Management Projects



UPC 119644

SMART SCALE Applicant:
Northern Shenandoah Valley Regional
Commission

This project will apply access management at two intersections on Route 7 (Berryville Pike) to address safety and operation deficiencies as identified and addressed in the 2020 Route 7 Strategically Targeted and Affordable Roadway Solutions (STARS) study.

Estimated Cost:
\$999,624

The project has several elements: restricting the left turn on Route 7 westbound at Milbrook Drive; restricting through traffic on the Milbrook Drive crossover at Route 7, allowing only left and right turns northbound and southbound; restricting left turns on Route 7 eastbound at First Wood Drive; and the addition of a left turn lane on Route 7 westbound at First Wood Drive.

Estimated Ad Date:
Early 2025

Project Manager:
Alexander Alvarado, P.E., 540-332-7372

Legislative Update



Staunton District

Frederick County

Summer 2022

Route 17 (Millwood Pike) - Route 17/50/522 Bridge Replacement Over I-81, Exit 313



UPC 111632, 113535

UPC 115717

Estimated Cost (UPC 111632):

\$1,780,000 (PE Only)

(UPC 111632) The bridge on Route 17/50/522 (Millwood Pike) Bridge over Interstate 81 at exit 313 is reaching the end of its service life and needs to be replaced. The bridge, built in 1964, has seven lanes. The new bridge will feature design elements that will accommodate future improvements to the Route 17/50/522 corridor and future improvements to I-81. The interchange configuration will not change with this project. Construction plans are not final, but it is likely the new bridge will be built north of the existing structure, which will reduce traffic impacts during the work..

Estimated Cost (UPC 113535):

\$31,328,926

(UPC 113535) This project funds the State of Good Repair (SGR) eligible portion of the project, including in-kind replacement of the Route 17/50/522 bridge over Interstate 81. Needed capacity improvements, such as a second westbound-to-southbound left-turn lane and extension of the westbound Millwood Pike turn lane were sought through a Smart Scale round three application submitted in 2018 by the WinFred MPO.

SMART SCALE Applicant (UPC 115717):

WinFred MPO

SMART SCALE Funding (UPC 115717):

\$5,264,400

(UPC 115717) Needed capacity improvements, such as a second westbound-to-southbound left-turn lane and extension of the westbound Millwood Pike turn lane were sought through a Smart Scale round three application submitted in 2018 by the WinFred MPO.

Estimated Cost (UPC 115717):

\$5,264,400

(UPC 116867) Additionally, a revenue sharing piece of the project will provide Millwood Avenue traffic improvements by removing of the traffic signal at Millwood/Mall Blvd., extending the center median across the intersection on Millwood to eliminate left turns, and creating a double left turn lane at Apple Blossom Drive.

Estimated Cost (UPC 116867):

\$6,498,892

Estimated Ad Date:

Spring 2024

Project Manager:

David Robinson, P.E. 540-332-7758

Legislative Update



Staunton District

Frederick County

Summer 2022

Route 277 (Fairfax Pike) Widening



UPC 18003

SMART SCALE Applicant:

Frederick County

SMART SCALE Funding:

\$30,723,571

Contract Value:

\$18,176,369.00

Estimated Completion Date:

Summer 2023

Project is ahead of schedule and may be completed in Fall 2022.

Project Manager:

Robert Good, P.E., 540-743-1420

This purpose of this project is to widen Route 277 (Fairfax Pike) to provide additional traffic capacity. Construction activities will extend just east of the Interstate 81 northbound ramps at exit 307 to Double Church Road (Route 641). Fairfax Pike will be widened to four lanes with a median from east of the I-81 northbound ramps to east of Double Church Road where Fairfax Pike transitions to two lanes at the project. Portions of the Fairfax Pike median will be raised and other portions of the median will be striped to provide turn lanes.

The project will provide various intersection improvements.

- On the west side of the project congestion and traffic flow will be improved on Fairfax Pike at the I-81 northbound on and off ramp intersection.
- On the north side of Fairfax Pike, Route 647 (Aylor Road) will be relocated to the east to align with Route 1085 (Stickley Drive). This moves Aylor Road away from the I-81 northbound off ramp intersection with Fairfax Pike.
- On the south side of Fairfax Pike next to the I-81 northbound off ramp, the traffic signal at Route 1012 (Town Run Lane) and Fairfax Pike will be removed. This helps free traffic flow at the I-81 northbound off ramp intersection with Fairfax Pike.
- The new Stickley Drive intersection with Aylor Road will have right and left turn lanes on to Fairfax Pike. Access controls will be provided on both Stickley Drive and Aylor Road.
- On the north side of Fairfax Pike, VDOT Lane will be moved west to align with the shopping center entrance located on the south side of Fairfax Pike.

The project will also provide pedestrian access on the north and south sides of Fairfax Pike.

- A five-foot-wide sidewalk will be constructed on the north side of Fairfax Pike between the Interstate 81 northbound entrance ramp and Double Church Road.
- A ten-foot-wide shared use path will be constructed on the south side of Fairfax Pike between Stickley Drive and Double Church Road.

Additional project work includes construction of a storm water management basin and some utility relocation.

A contract valued at \$18,176,369.00 was awarded in May 2020 to General Excavation Inc. of Warrenton, Virginia. The contractor is ahead of schedule and may complete this project in fall 2022.

Legislative Update



Staunton District

Frederick County

Summer 2022

Route 277 (Fairfax Pike) - Warrior Drive Intersection



UPC 111227

SMART SCALE Applicant:

Frederick County

This project provides an extension of the existing right-turn lane from eastbound Route 277 (Fairfax Pike) to southbound Warrior Drive, which provides access to Sherando High School.

SMART SCALE Funding:

\$476,644

Work includes installation of a pedestrian pedestal on the northwest corner and installation of a bike/pedestrian facility along Warrior Drive from Route 277 to the high school.

Estimated Cost:

\$476,644

Estimated Ad Date:

Late 2024

Project Manager:

Timothy Gregory, P.E., 540-332-7891

Route 522 (Front Royal Pike) Opequon Creek Bridge Replacement

UPC 78825

Contract Value:

\$2,241,835.43

The southbound Route 522 (Front Royal Pike) Opequon Creek Bridge in eastern Frederick County has reached the end of its service life. Built in 1953, the two-lane bridge is considered functionally obsolete. Functionally obsolete means a structure was designed with older design features that no longer meet current geometrics or modern traffic needs. This designation has no connection to condition rating, but is based on functionality.

Estimated Completion Date:

Fall 2022

Project Manager:

Robert Good, P.E., 540-743-1420

The new bridge will have two lanes and will be in the same location and be about a foot higher and will be widened slightly on its eastern side. The new structure will have steel girders and a concrete deck. The approaches on either side of the bridge will be widened and new guardrail will be installed. A six-foot wide paved shoulder will be provided on the right side of the new bridge. This 0.452-mile long project extends from 0.85-mile north of Route 642 to 0.05-mile north of Route 644.

A contract valued at \$2,241,835.43 was awarded to Fairfield-Echols, LLC of Fishersville, Virginia. The contract award date was July 1, 2021.

Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Summer 2022

LAP - City of Winchester Route 11 (Valley Avenue)

UPC 103013

Contract Value:

\$9,072,333

Estimated Completion Date:

Summer 2022

Project Manager:

Kimberly Cameron, P.E., 540-332-7886

This project is located on Valley Avenue (Route 11) from the southern Winchester City limits from just north of Shawnee Drive to approximately 1.4 miles from Middle Road. Work will be done to improve the drainage area near the intersection of Valley Avenue and Tevis Street. The project has a 40 mph design speed and four 11-foot travel lanes with curb and gutter. Pedestrian and bicycle accommodations will consist of a bike lane or a shared lane where left-turn lanes are present. Sidewalk will be built on both sides of the roadway. Other improvements include adding a left-turn lane on Valley Avenue at Monticello Street and extending the storm sewer down to the future regional storm water management facility at Hope Drive.

On December 11, 2020 a contract valued at \$8,994,892 was awarded to Arthur Construction of Sterling, Virginia. Completion of construction of this project is expected by July of 2022.

LAP - City of Winchester Route 11 (Valley Avenue)/Gerrard Street Adaptive Signal Control



UPC 115138

SMART SCALE Applicant:

Winchester City

This project will install adaptive signal control system on 10 existing signals in the City of Winchester.

SMART SCALE Funding:

\$1,227,000

This improvements will consist of installing a traffic adaptive control system on the existing traffic signals on the Valley Avenue corridor (US 11) and the Gerrard Street corridor (US 11, 22, 50 and 17) to improve traffic flow and corridor reliability.

Estimated Cost:

\$1,227,000

Locations include:

Route 11 (Valley Avenue) from Cedar Creek Grades/Weems Lane to Lake Drive

Route 11 (Valley Avenue) at Jefferson Street

Gerrard Street from Handly Boulevard to Cameron Street

Millwood Avenue at Kent Street

Estimated Ad Date:

Summer 2023

VDOT Contact:

Kimberly Cameron, P.E., 540-332-7886

Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Summer 2022

LAP - City of Winchester Route 11 (Pleasant Valley Road) Access Management



UPC 119649

SMART SCALE Applicant:
Winchester City

This safety project provides access management on Route 11 (Pleasant Valley Road) in the Winchester area.

Estimated Cost:
\$202,978

This project consists of extending the existing raised center median on Pleasant Valley Road just south of Jubal Early Drive to redirect motorists from exiting a retail food business and making a left-turn onto Pleasant Valley Road (near Spring Street).

Estimated Ad Date:
Late 2024

This 0.030-mile project extends from Jubal Early Drive to 0.03-mile north of the intersection of Jubal Early Drive.

Project Manager:
Kimberly Cameron, 540-332-7886

LAP - City of Winchester Route 11 (Pleasant Valley Road) Access Management II



UPC 119650

SMART SCALE Applicant:
Winchester City

This safety project provides access management on Route 11 (Pleasant Valley Road) in the Winchester area.

Estimated Cost:
\$829,668

This project will:

- 1) Prohibit left turns for eastbound motorists on Parkview turning onto Pleasant Valley Road.
- 2) Eliminate the entrance onto Pleasant Valley Road at the apartment complex just south of Parkview Avenue.
- 3) Provide a new entrance to the apartment complex onto Parkview Avenue and replace/extend sidewalk per the project sketch.

Estimated Ad Date:
Late 2024

Project Manager:
Kimberly Cameron, 540-332-7886

This 0.15-mile long project extends from south of the intersection of Parkview Avenue to the intersection of Parkview Avenue.

Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Summer 2022

LAP - City of Winchester Route 11 (North Cameron Street) Drainage Improvements

UPC 112963

Estimated Cost:

\$14,898,106

The project provides drainage improvements for a portion of Route 11 (North Cameron Street).

Estimated Ad Date:

Summer 2026

The 0.60-mile long project extends from Boscawen Street to Wyck Street in the City of Winchester.

The work includes construction of new storm drainage infrastructure to alleviate the flooding that regularly occurs on North Cameron Street (Route 11 and Route 522) in downtown Winchester.

Project Manager:

Kimberly Cameron, 540-332-7886

This project will alleviate significant flooding that regularly occurs on North Cameron Street (Route 11 and Route 522), north of Piccadilly Street. The project will consist of constructing large stormwater management ponds and connecting stormwater pipes.

LAP - City of Winchester Extension of Hope Drive

UPC 104266

Contract Value:

\$9,526,781

This project is a component of the Tevis Street connector road between Route 522 and Pleasant Valley Road. This is a locally administered Revenue Sharing Project for the extension of Hope Drive and the realignment of Papermill Road and Tevis Street in the City of Winchester.

Estimated Completion Date:

Summer 2022

On November 10, 2020 a contract valued at \$8,388,894 was awarded to Perry Engineering of Winchester Virginia. Completion of construction of this project is expected by July of 2022.

Project Manager:

Kimberly Cameron, P.E., 540-332-7886

Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Summer 2022

LAP - City of Winchester Green Circle Trail Final Phases



UPC 111027

SMART SCALE Applicant:

City of Winchester

SMART SCALE Funding:

\$3,092,000

Estimated Cost:

\$5,492,000

Estimated Ad Date:

Summer 2024

Project Manager:

Kimberly Cameron, P.E., 540-332-7886

This project completes Green Circle Trail within the City of Winchester. The Green Circle Trail is a multi-use, bike/pedestrian path that connects multiple key activity centers within the City of Winchester. This project will include a one-mile section of a 10-foot wide shared use path. The work provides the final sections of the primary route of Green Circle Trail that includes approximately 1.3 miles of a 10-foot wide shared use path (SUP) that will extend primarily parallel to Jubal Early Drive and Abrams Creek from near Jubal Early/Harvest Drive to the intersection of Jubal Early and Millwood Avenue. The overall length of the primary route of the Green Circle Trail is slightly over 6.3 miles.

This final phase will complete an effort by the City to construct the trail which started back in 1999.

The following are the components that are included in this project: 1) 4500 linear feet of asphalt trail, 2) 1260 linear feet of raised "boardwalk" trail, 3) 175 linear foot bridge over the CSX RR tracks, 4) three bridges over Abrams Creek, 5) two at grade crossings over the Winchester & Western tracks, 6) crossing of four streets at signalized intersections, 7) thirteen easements from private commercial property acquisitions 9) benches/signage, 10) landscaping, and 11) fencing and retaining walls.

The Winchester Green Circle project, when completed, will provide safe facilities and accommodations for both bicyclists and pedestrians, to access major destinations in the city. The circle connects areas of historic, recreational, educational and natural interest. Some of those attractions include Glen Burnie Historic House & Gardens/Museum of the Shenandoah Valley, Jim Barnett Park, Shenandoah University, Old Town Winchester, and the Abrams Creek Wetlands Preserve. Where possible the routes follow local streams emphasizing the restoration, protection and interpretation of natural resources and urban green spaces.

Legislative Update



Staunton District

Frederick County

Summer 2022

Rural Rustic Roads

The Rural Rustic Road program provides paving to qualifying secondary roads. All work to be completed within the existing right of way. The road surface is generally widened to 16 to 18 feet, drainage is improved and the road receives a surface treatment pavement.

Route 629 (Laurel Grove Road) UPC: 117602

This 1.26-mile long project paves Route 629.

Estimated Cost: \$263,371

Status: Under Construction

Project Manager: Ed Carter, 540-534-3204

Route 644 (East Parkins Mill Road) UPC: 113981

This 0.81-mile long project paves Route 644 from Route 50 to the Clarke County line

Estimated Cost: \$281,027

Estimated Construction Date: Early 2023

Project Manager: Ed Carter, 540-534-3204

Route 677 (Old Baltimore Road) UPC: 113408

This 1.2-mile long project paves Route 677 from Route 676 (Warm Springs Road to Route 730 (Babb's Mountain Road)

Estimated Cost: \$331,984

Estimated Construction Date: Late 2023

Project Manager: Ed Carter, 540-534-3204

Route 695 (Middle Fork Road) UPC: 116771

This 0.9-mile long project paves Route 695 from Route 522 to the West Virginia state line

Estimated Cost: \$313,507

Estimated Construction Date: Early 2023

Project Manager: Ed Carter, 540-534-3204

Route 811 (Timberlakes Lane) UPC: 116770

This 0.25-mile long project paves Route 811 from Route 671 to 0.25-mile north of Route 671

Estimated Cost: \$169,846

Estimated Construction Date: Summer 2022

Project Manager: Ed Carter, 540-534-3204