

# Legislative Update



Staunton District

Frederick County

Fall 2020

## Interstate 81 - Exit 300 at Interstate 66 Southbound Acceleration Lane Extension



UPC 111054

**SMART SCALE Applicant:**

Northern Shenandoah Valley Regional Commission (NSVRC)

This project extends the Interstate 81 southbound exit 300 acceleration lane on to I-81 from the Interstate 66 westbound ramp. The I-81 exit 300 southbound ramp is a left entry to the I-81 mainline from I-66 and has a short acceleration lane. The project will improve traffic operations by extending the ramp length.

**SMART SCALE Funding:**

\$3,437,422

Project benefits will result in safely accommodate merging traffic amid growing truck volumes on Interstate 81 at the south end of the exit 300 interchange

**Estimated Cost:**

\$3,437,422

The project extends the existing southbound 1,400-foot acceleration lane and 250-foot taper to a 2,030-foot acceleration lane with a 300-foot taper.

**Estimated Ad Date:**

Fall 2022

The 128-foot long southbound bridge over Route 840 (Water Plant Road) will be widened from 42 feet to 54 feet to accommodate the extended lane. A small drainage structure may need to be extended.

**Project Manager:**

Ronald Tabor, P.E. 540-332-7887

## 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:**

Fall 2026

**VDOT Contact:**

Anthony Pelina, 540-332-9575

# Legislative Update



Staunton District

Frederick County

Fall 2020

## 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) This 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 average daily traffic volume is 33,000 vehicles per day. On I-81 in this location, traffic counts are 35,000 vehicles per day northbound and 34,000 vehicles per day southbound, for a combined 69,000 average vehicles per day. 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

**SMART SCALE Applicant (UPC 115717):**

WinFred MPO

**SMART SCALE Funding (UPC 115717):**

\$5,264,400

(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.

**Estimated Cost (UPC 115717):**

\$5,264,400

**Estimated Ad Date:**

Late 2023

Smart Scale funding awarded to UPC 115717.

**Project Manager:**

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

## Route 37 - Safety Improvements

UPC 107020

**Contract Value:**

\$2,504,048.96

This is a Highway Safety Improvement Program (HSIP) project. Improvements include extending shoulder pavement with rumble strip installation and guardrail upgrades along a nine-mile stretch between Route 11 (Valley Pike) just south of Winchester and Route 11 (Martinsburg Pike) just north of the city. Route 37 is a four-lane, limited access highway serving as the Winchester western bypass.

**Estimated Completion Date:**

Late 2020

A contract valued at \$2,504,048.96 was awarded on June 2, 2020 to Kickin' Asphalt Paving and Excavating LLC of Strasburg, Virginia.

**Project Manager:**

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

# Legislative Update



Staunton District

Frederick County

Fall 2020

## Route 277 (Fairfax Pike) Widening



UPC 18003

**SMART SCALE Applicant:**

Frederick County

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.

**SMART SCALE Funding:**

\$30,723,571

**Contract Value:**

\$18,176,369.00

The project will provide various intersection improvements.

**Estimated Completion Date:**

Summer 2023

- 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.

**Project Manager:**

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

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.

# Legislative Update



Staunton District

Frederick County

Fall 2020

## 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:**  
Ronald Tabor, P.E. 540-332-7887

# Legislative Update



Staunton District

Frederick County

Fall 2020

## Route 522 (Front Royal Pike) Opequon Creek Bridge Replacement

UPC 78825

**Estimated Cost:**

\$5,324,895

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 Ad Date:**

Late 2021

**Project Manager:**

James Johnston, P.E., 540-332-7795

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.

## Route 623 (Fromans Road) - Cedar Creek Bridge

UPC 90173

**Contract Value:**

\$1,994,069

This project is located in Frederick County on the county line with Shenandoah County. The project replaces the Cedar Creek Bridge, located on Route 623 (Fromans Road) southwest of the Stephens City limits.

**Estimated Completion Date:**

Summer 2021

The existing 10-foot wide single lane bridge was built in 1932 and has reached the end of its service life. The bridge is currently posted for a vehicle 10-ton weight limit. The new bridge will have two 10-foot lanes with five-foot shoulders. The new bridge will be constructed in the same location as the current structure.

**Project Manager:**

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

A contract valued at \$1,994,069 was awarded on January 20, 2020 to Kanawha Stone Company, Inc. of Nitro, West Virginia

# Legislative Update



## Staunton District

### Frederick County | Locally Administered (LAP)

Fall 2020

#### LAP - City of Winchester Route 11 (Valley Avenue)

UPC 103013

**Estimated Cost:**

\$7,766,908

**Ad Date Status:**

Advertised with Construction Fall 2020

**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.

#### 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.

Locations include:

**SMART SCALE Funding:**

\$1,227,000

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 Camerson Street

Millwood Avenue at Kent Street

**Estimated Cost:**

\$1,227,000

**Estimated Ad Date:**

Spring 2025

**VDOT Contact:**

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

# Legislative Update



## Staunton District

### Frederick County | Locally Administered (LAP)

Fall 2020

#### LAP - City of Winchester Green Circle Trail - Jubal Early Segment

UPC 106055

<b>Contract Value:</b> \$817,605.00	This project provides construction of a multi-use path along Jubal Early Drive. The project will include facilities for pedestrians and bicycles.
<b>Estimated Completion Date:</b> Summer 2021	This project extends from 0.04 mile west of Harvest Drive to 0.04 mile east of Valley Avenue.
<b>Project Manager:</b> Kimberly Cameron, P.E., 540-332-7886	A contract valued at \$817,605.00 was awarded to W&L Construction and Paving Inc. of Stephenson, Virginia. Construction began in July 2020.

#### LAP - City of Winchester Green Circle Trail Final Phases



UPC 111027

<b>SMART SCALE Applicant:</b> City of Winchester	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.
<b>SMART SCALE Funding:</b> \$3,092,000	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.
<b>Estimated Cost:</b> \$5,492,000	
<b>Estimated Ad Date:</b> Late 2022	
<b>Project Manager:</b> Kimberly Cameron, P.E., 540-332-7886	

# Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Fall 2020

## LAP - City of Winchester Museum of the Shenandoah Valley Trail Connection

UPC 115951 UPC 111418

**Contract Value:**

\$2,284,795 (UPC 115951)

This project builds a portion of the trail at the Museum of the Shenandoah Valley in the City of Winchester. The project constructs pedestrian connection from Green Circle Trail through the new museum entrance to the new parking facilities and back to the Green Circle Trail.

**Contract Value:**

\$292,857 (UPC 111418)

In February 2020 the City of Winchester awarded a contract valued at \$2,577,652 to Perry Engineering of Winchester, Virginia. This contract combines two projects: (UPC 115951) and (UPC 111418).

**Estimated Construction Completion:**

Late 2020 (UPC 115951)

Late 2020 (UPC 111418)

**Project Manager:**

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

## LAP - City of Winchester Extension of Hope Drive

UPC 104266

**Estimated Cost:**

\$9,500,000

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. In September 2020 a contract valued at \$8,388,794 was awarded to Perry Engineering of Winchester, Virginia.

**Advertisement Status:**

Award in September 2020

**Project Manager:**

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

# Legislative Update



Staunton District

Frederick County | Locally Administered (LAP)

Fall 2020

## LAP - Frederick County Crossover Boulevard Airport Road

UPC 87616 UPC 104262

### Crossover Boulevard Contract Value March 2019:

\$10,71,5586 (UPC 87616)

(UPC 87616) This is the Tevis Street connector road between Route 522 and Pleasant Valley Road. The project includes a flyover bridge across Interstate 81 on Crossover Boulevard. This will be coordinated with a project in the City of Winchester to complete Tevis Street from I-81 flyover bridge to Pleasant Valley Road. This is a Revenue Sharing project and is and being locally administered.

### Airport Road

#### Contract Value March 2019:

\$7,078,226 (UPC 104262)

(UPC 104262) This project constructs an extension of Airport Road. The project extends from Route 522 to Tevis Street. The project length is 0.6-mile long.

### Estimated Construction Completion:

Fall 2021 (UPC 87616)

Fall 2021 (UPC 104262)

In March 2019 Frederick County awarded a contract to Perry Engineering Co. Inc. of Winchester. This contract combines two projects: Crossover Boulevard (UPC 87616) and Airport Road UPC 104262). The contract value for Crossover Boulevard is \$10,715,586. The contract value for Airport Road is \$7,078,226. Construction is underway with completion in late 2020.

### Project Manager

#### (UPC 87616, UPC 104262):

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