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

**SMART SCALE Applicant:**
Northern Shenandoah Valley Regional Commission (NSVRC)

**SMART SCALE Funding:**
$3,437,422

**Estimated Cost:**
$3,437,422

**Estimated Ad Date:**
Fall 2020

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

This project extends the Interstate 81, exit 300, southbound acceleration lane onto I-81 from westbound Interstate 66.

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.

The project goal is to reduce crashes.
### Interstate 81 - Exit 313 at Routes 17/50/522 (Winchester Interchange) Study

**UPC 88820, 113535**

**Study Complete:**
2018

**Study Project Manager:**
Thomas Marando, P.E., 540-332-7746

**Bridge Project Manager:**
Eulogio A. Javier II, P.E., 540-332-9105

(UPC 88820) This was an Interchange Modification Report (IMR) study to review the configuration and function of the Interstate 81 interchange at Routes 17/50/522 in the Winchester area. This study was scheduled for completion in 2017, pending outcome of related SMART Scale application.

Based on the preliminary study results and magnitude of the corridor improvements identified, a phased project was developed for the 2016 SMART Scale application cycle. However, the project did not score well enough to receive SMART Scale funding in 2017. Staunton District staff is beginning development of preliminary plans for a bridge replacement project to position it favorably for other funding sources such as State of Good Repair Funding, Federal Bonus Obligation Authority funds (unspent federal dollars from other states) and/or yet-to-be-defined infrastructure initiatives from the new administration (see Route 17/50/522 I-81 Bridge, UPC 111632).

### Route 17 (Millwood Pike) - I-81 Bridge, Preliminary Engineering

**UPC 111632**

**Estimated Cost:**
$1,780,000 (PE Only)

**Estimated PE Completion Date:**
Early 2020

(UPC 111632) This project replaces the bridge on Route 17/50/522 (Millwood Pike) over Interstate 81 at Exit 313. The bridge will be wider than the current structure to accommodate future capacity improvements along the Millwood Pike corridor (as funding permits). Current funding is for preliminary engineering work which includes survey, design, public involvement and final design approval; funding for right-of-way acquisition and construction are still being pursued.

### Route 17 (Millwood Pike) - I-81 Bridge, Ad Date

**UPC 113535**

**Estimated Cost:**
$27,500,000

**Estimated Ad Date:**
Late 2022

(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 is being sought through a Smart Scale round three application submitted in 2018 by the WinFred MPO.

**Project Manager:**
Thomas Marando, P.E., 540-332-7746
Interstate 81 - Exit 315 at Route 7  
Northbound Deceleration Lane Extension

SMART SCALE Applicant:  
Winchester-Frederick County MPO

SMART SCALE Funding:  
$643,134

Estimated Cost:  
$643,134

Estimated Ad Date:  
Early 2019

Project Manager:  
Anthony Pelina, 540-332-9575

This project extends the Interstate 81, exit 315, northbound deceleration lane. This project will improve safety, weave movements, and alleviate back-ups onto the mainline of I-81.

Interstate 81 - Exit 323 Near West Virginia State Line  
Acceleration and Deceleration Lanes

SMART SCALE Applicant:  
Winchester-Frederick County MPO

SMART SCALE Funding:  
$3,450,904

Estimated Cost:  
$3,450,904

Estimated Ad Date:  
Early 2019

Project Manager:  
Al Scott, 540-332-2264

This project consists of the lengthening of the Interstate 81, exit 323 southbound on-ramp acceleration lane and taper and the northbound on-ramp deceleration lane and taper to improve weave movements and safety.
Route 11 (Valley Pike) at Apple Valley Road

SMART SCALE Applicant: Frederick County

SMART SCALE Funding: $514,704

Estimated Cost: $553,912

Estimated Ad Date: Spring 2018

Project Manager: Robert Good, P.E., 540-743-1420

This project includes the addition of a southbound right-turn lane and access management improvement at the intersection of Route 11 and Apple Valley Road.

This project will ease delays caused by truck traffic accessing the industrial areas along Apple Valley Road and Shady Elm Drive.

A contract valued at $789,178 was awarded in March 2018 to M & F Concrete, Inc. of Manassas, Virginia. This contract is also for work on Route 767 (Fox Drive) at Route 522 (North Frederick Pike).
**Legislative Update**

**Staunton District**

**Frederick County**

**Route 277 (Fairfax Pike) Widening**

**SMART SCALE Applicant:**
Frederick County

**SMART SCALE Funding:**
$29,134,878

**Estimated Cost:**
$35,934,878

**Estimated Ad Date:**
Late 2019

**Project Manager:**
Thomas Marando, P.E., 540-332-7746

This project will widen Route 277 (Fairfax Pike) to provide additional traffic capacity, overall operational safety, and to improve the connectivity of the regional roadway system. The project is between the northbound ramps of Interstate 81 and Double Church Road.

Route 277 will have four thru-lanes with a center median (median will be a combination of raised and striped). A sidewalk will be on the north side of Route 277 and a shared use path is planned for the south side.

Aylor Road will be relocated to the east to align with the current Stickley Road intersection; the traffic signal at the Town Run Lane will be removed. VDOT Lane will be relocated to the west to align with the existing Food Lion shopping center entrance.

**Route 277 (Fairfax Pike) - Warrior Drive Intersection**

**SMART SCALE Applicant:**
Frederick County

**SMART SCALE Funding:**
$476,644

**Estimated Cost:**
$476,644

**Estimated Ad Date:**
Fall 2024

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

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.

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.
Route 623 (Fromans Road) - Cedar Creek Bridge

**Estimated Cost:**
$2,593,353

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 Ad Date:**
Fall 2019

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 proposed 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. Construction should take approximately eight months.

**Project Manager:**
Al Scott, 540-332-2264

Route 644 (Papermill Road) at Route 522 (Front Royal Pike) Turn Lane

**SMART SCALE Applicant:**
Frederick County

This project provides the installation of a full right-turn lane from eastbound Route 644 (Paper Mill Road) to southbound Route 522 (Front Royal Pike).

**SMART SCALE Funding:**
$507,262

**Estimated Cost:**
$507,262

**Estimated Ad Date:**
Fall 2018

**Project Manager:**
Al Scott, 540-332-2264
Frederick County

Route 655 (Sulphur Springs Road) Reconstruction

SMART SCALE Applicant:
Frederick County

SMART SCALE Funding:
$2,812,610

Estimated Cost:
$2,524,690 (UPC 111060)
$6,389,079 (UPC 59259)

Estimated Ad Date:
Fall 2018

Project Manager:
Scott Alexander, P.E., 540-984-5604

(UPC 111060) This project reconstructs Route 655 (Sulphur Springs Road) from Route 50/17 (Millwood Pike) to Route 656.

(UPC 59259) The project reconstructs a portion of Route 655 (Sulphur Springs Road) located in Frederick County, east of the City of Winchester, between Route 50 (Millwood Pike) and Clarke County. This area serves several residential communities and provides access to the Frederick County landfill. The improvements will provide better road alignment and turning movements.

The improvements to the road include two 12-foot travel lanes and 6-foot paved shoulders. The road alignment will be slightly adjusted to straighten out a gradual curve. Right and left-turn lanes will be constructed on Route 655 at Routes 50 and Route 656. Also the box culvert on Route 655 at Sulphur Spring Run will be extended to accommodate the new turn lane onto Route 50.

This project is funded for preliminary engineering and right of way. During construction the road will remain open, serving the county landfill.

Route 767 (Fox Drive) at Route 522 (North Frederick Pike)

Contract Value:
$789,178

Completion Date:
Late 2018

Project Manager:
Robert Good, P.E., 540-743-1420

This project consists of a new right-turn lane and taper from the northbound approach on Route 767 (Fox Drive) onto eastbound Route 522 (North Frederick Pike).

A contract valued at $789,178 was awarded in March 2018 to M & F Concrete, Inc. of Manassas, Virginia. This contract is also for work on Route 11 (Valley Pike) at Apple Valley Road.

SMART SCALE Applicant:
Frederick County

SMART SCALE Funding Awarded 2016:
$650,996

Estimated Cost:
$650,996
**Locally Administered - City of Winchester**

**Extension of Hope Drive**

**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.

**Estimated Ad Date:**
Fall 2019

**Project Manager:**
Steven Damron, 540-332-7389

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**Locally Administered - City of Winchester**

**Route 11 (Valley Avenue)**

**Estimated Cost:**
$7,810,259

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.

**Estimated Ad Date:**
Fall 2019

**Project Manager:**
Steven Damron, 540-332-7389

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.
Green Circle Trail Final Phases
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.

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.

Locally Administered - City of Winchester
Green Circle Trail - Jubal Early Segment

This project provides construction of a multi-use path along Jubal Early Drive. The project will include facilities for pedestrians and bicycles.

This project extends from 0.04 mile west of Harvest Drive to 0.04 mile east of Valley Avenue.
# Locally Administered - City of Winchester

**Tevis Street Extension**

<table>
<thead>
<tr>
<th>Estimated Cost Tevis Street Extension:</th>
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<td>$5,786,290 (UPC 94846)</td>
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<td>$1,600,000 (UPC 105630)</td>
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**Estimated Total Cost Tevis Street Completion:**

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<th>$10,991,404 (UPC 87616) (UPC 94846)</th>
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<td>$1,600,000 (UPC 105630)</td>
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**Ad Date:**

- Summer 2017 (UPC 105630)
- Fall 2018 (UPC 87616)
- Fall 2020 (UPC 94846)

**Project Manager:**

Steven Damron, 540-332-7389

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# Locally Administered - Frederick County

**Airport Road and Warrior Drive Extension**

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<tr>
<th>Estimated Cost:</th>
<th>$8,431,764</th>
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**Estimated Construction Completion:**

Fall 2020 (UPC 104262)

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This project constructs an extension of Airport Road and Warrior Drive. The project extends from Route 522 to Tevis Street. The project length is 0.6-mile long.