

# Legislative Update



## Staunton District

### I-81 Corridor Improvement Program Staunton Overview Fall 2020

Mile Marker	Study ID UPC	Jurisdiction	Description	Status	Consultant/ Contractor	CIP Estimate
313.8-317.5	63 UPC 116281	Frederick County Winchester	Widen to Three Lanes	*To be added to SYP in FY23 (est.)		\$221,798,000
303.7-303.9 NB	49 UPC 115083	Frederick County Truck Scales	Deceleration Ramp Extension	In Design - Construction Ad Fall 2020	TBA	\$1,980,000
302.5-302.9 NB	47 UPC 116236	Frederick County Middletown	Acceleration Ramp Extension	Construction Complete 09/2020	General Excavation	\$2,418,000
302.1-302.2 NB	48 UPC 115870	Frederick County Middletown	Deceleration Ramp Extension	Construction Complete 09/2020	General Excavation	\$1,047,000
299.2-295.7 SB	50 UPC 116268	Shenandoah County Strasburg	Widen to Three Lanes	In Design - Scoping Phase	VDOT	\$117,561,402
296.7- 296.3 SB	51 UPC 116244	Shenandoah County Strasburg	Acceleration Ramp Extension	In Design - Construction Ad Fall 2020	TBA	\$1,647,718
290.6- 291.1 NB	46 UPC 116270	Shenandoah County Toms Brook	Acceleration Ramp Extension	In Design - Construction Ad Fall 2020	TBA	\$3,392,569
283.3-282.9 SB	52 UPC 115804	Shenandoah County Woodstock	Acceleration Ramp Extension	Construction Complete 06/2020	General Excavation	\$2,354,000
279.2- 278.7 SB	53 UPC 116243	Shenandoah County Edinburg	Acceleration Ramp Extension	Construction Complete 06/2020	General Excavation	\$2,248,000
272.3-272.3 SB	54 UPC 115848	Shenandoah County Mt Jackson	Flashing Chevron on Curve	Construction Complete 09/2019	VDOT	\$163,000
268.8-268.9 NB	45 UPC 115802	Shenandoah County Shenandoah Caverns	Deceleration Ramp Extension	Construction Complete 07/2020	General Excavation	\$1,000,000
242.2-248.1 NB & SB	62 UPC 116280	Rockingham County Harrisonburg	Widen to Three Lanes	In Design - Scoping Phase	RK&K	\$272,074,995
236.5-234.6 SB	55 UPC 116278	Augusta County Weyers Cave	Truck Climbing Lane	In Design - Scoping Phase	WRA	\$29,581,960
233.3-237.4 NB	44 UPC 116277	Augusta County and Rockingham County	Truck Climbing Lane	In Design - Scoping Phase	WRA	\$100,798,170
232.9-232.7 SB	56 UPC 116275	Augusta County Mt Sidney Rest Area	Deceleration Ramp Extension	*In PreScoping - To be added to SYP in FY23 (est.)	ATCS	\$4,930,873
232.5-231.9 SB	57 UPC 116276	Augusta County Mt Sidney Rest Area	Acceleration Ramp Extension	*In PreScoping - To be added to SYP in FY23 (est.)	ATCS	\$1,271,576
232.4-232.8 NB	43 UPC 116271	Augusta County Mt Sidney Rest Area	Acceleration Ramp Extension	*In PreScoping - To be added to SYP in FY23 (est.)	ATCS	\$4,930,873
221.8- 225.3 NB & SB	61 UPC 116269	Augusta County Staunton	Widen in Both Directions	In Design - Scoping Phase	RS&H	\$140,209,650
221.5- 221.2 SB	58 UPC 116279	Augusta County	Auxiliary Lane Exit 221 to Exit 220	In Design - Scoping Phase	WRA	\$14,326,755
205.3-205.7 NB	42 UPC 115801	Rockbridge County Raphine	Acceleration Ramp Extension	In Design - RW Phase. Bundled w/Exit 205 S Scale	VDOT	\$2,354,000
205.2-204.7 SB	59 UPC 116245	Rockbridge County Raphine	Acceleration Ramp Extension	In Design - RW Phase. Bundled w/Exit 205 S Scale	VDOT	\$3,483,323
204.5-195.1 SB	60 UPC 116282	Rockbridge County	Widen shoulder	*In PreScoping - To be added to SYP in FY23 (est.)	ATCS	\$80,472,310
189-189.4 NB	41 UPC 116246	Rockbridge Lexington	Acceleration Ramp Extension	*To be added to SYP in FY23 (est.)	ATCS	\$2,415,760

\*These schedules contingent upon revenue forecast and final agreement details for TIFIA to bond the program. (TIFIA - federal Transportation Infrastructure Finance and Innovation Act of 1998)

# Legislative Update



**Staunton District**

## I-81 Corridor Improvement Program Staunton Overview Fall 2020

### I-81 CIP Operations Staunton District

#### Towing and Recovery Incentive Program (TRIP)

Towing and Recovery Incentive Program (TRIP) is a quick clearance incentive program that partners VDOT with heavy-duty towing and recovery companies and pays an incentive for clearing the lanes of travel of commercial motor vehicle (CMV) crashes within 90 minutes. This program enables a standardized quick response with towing equipment, tools and trained personnel to facilitate the safe and efficient clearance of CMV crashes.

The application period for the I-81 TRIP program in the Staunton District is now open. VDOT is working with the I-81 towing community to enable towing vendors to attend required training and obtain equipment prior to applying to the program. The application deadline has been pushed back, due to COVID-19, from August 31, 2020 to November 30, 2020 with implementation of the program now scheduled for March 2021.

#### Safety Service Patrols (SSP)

Safety service patrols are specially equipped vehicles with trained patrollers that travel the interstate to provide incident traffic control and safety services to stranded motorists with the goals of improving incident detection, response, and travel lane clearance times.

In 2019 the following SSP changes were completed in the Staunton District:

- Implement a new SSP route for I-81 in Augusta County to address a coverage gap. Augusta County has the highest number of lane-impacting incidents on I-81.
- Separated the Frederick/Warren County SSP coverage area, which previously covered both I-81 and I-66 into two patrols; one area for I-81 alone and a second for I-66 to improve patrol frequency.

#### Changeable Message Signs

In February 2020 the Commonwealth Transportation Board awarded a contract totaling \$7 million to Richardson-Wayland Electrical Company LLC of Roanoke, to install 31 changeable message signs (CMS) along the Interstate 81 corridor in the Bristol, Salem and Staunton districts. Staunton District will receive 22 CMS which will be located prior to major detour routes, adjacent interstate and feeder roads and in urban settings with reduced speed limits or closely spaced interchanges. The signs will help manage incidents and congestion on I-81 by informing the motorist. Completion is expected in fall 2021. As of fall 2020 ground work is ongoing in preparation for sign installation in 2021.

#### Flashing Chevrons

Solar powered flashing chevrons were installed in October 2019 to enhance driver awareness of curved sections of Interstate 81. The installation was southbound I-81 at mile marker 272.3 near Mount Jackson in Shenandoah County. Another set of flashing chevrons were installed southbound on the Rockbridge/Botetourt County line from mile marker 172.9 – 175.4.

#### CCTV (closed circuit TV) Cameras

The Staunton District Traffic Operations Center (TOC) received 13 additional CCTV traffic cameras as part of a corridor wide project that also includes 28 cameras in the Bristol District and 10 cameras in the Salem District. The TOC uses live video from traffic cameras to detect incidents and manage traffic. In the Staunton District all 13 new cameras have been installed and are now viewable to the public on 511.

#### Detour Route Improvements

Minor geometric and technology-based infrastructure projects are being implemented along designated detour routes to facilitate moving traffic more safely and quickly during an I-81 incident. These improvements include traffic signal equipment and communication network improvements, signal timing plans designed to process detoured I-81 traffic and small targeted intersection geometric improvements to move trucks through key intersections.

- Exits 240 and 323 – Signal equipment upgrades. Preliminary engineering work to begin September 2020.
- Route 11 in Lexington area will have three intersections receive geometric improvements. Preliminary engineering work to begin in September 2020.
- Exits 220, 225, 227, 235, 310, 317, 300 and 313. Anticipating additional projects added to Six Year Improvement Plan by the Commonwealth Transportation Board in September 2020.