



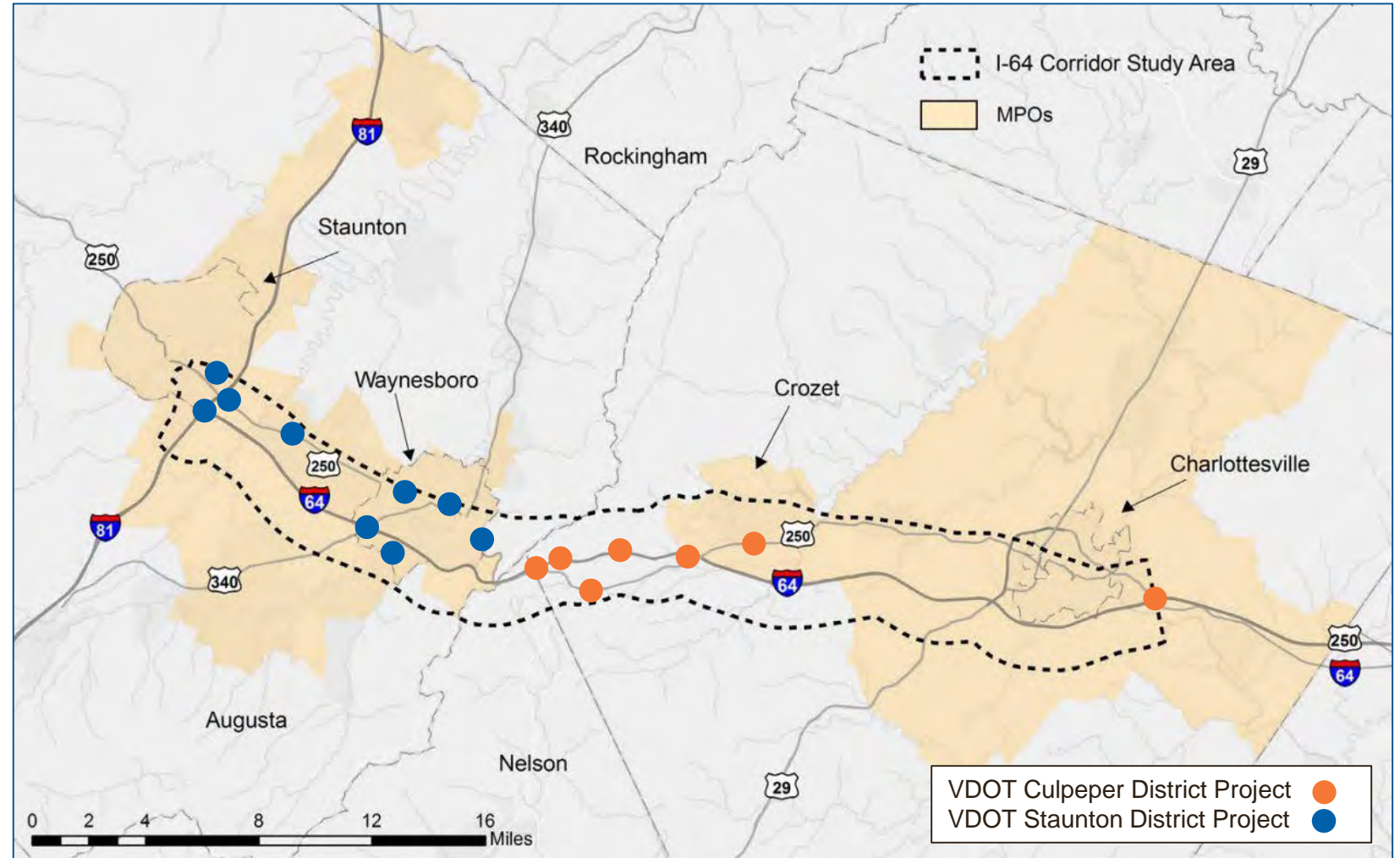
I-64 / U.S. 250 CORRIDOR IMPROVEMENTS

VDOT Culpeper District / Staunton District

| September 27, 2023

I-64 Corridor Strategic Highway Research Program Study

- Partnership between CAMPO & SAWMPO
- To facilitate interregional communication & cooperation
- Evaluated existing conditions on I-64 & U.S. 250 corridors
- Recommendations to address deficiencies
 - Safety
 - Congestion
 - Driver communication
 - Truck traffic



I-64 / U.S. 250 Diverging Diamond Interchange, Exit 124

Interchange reconstruction, with ramp improvements, new signals and signal upgrades, drainage improvements and utility relocations.

By shifting vehicles to the opposite side of the road, the DDI design eliminates traditional left turns that cross over oncoming traffic.

The DDI improves safety by reducing the number of collision points.

It can handle more than 600 left-turn movements per hour, twice the capacity of a conventional interchange.

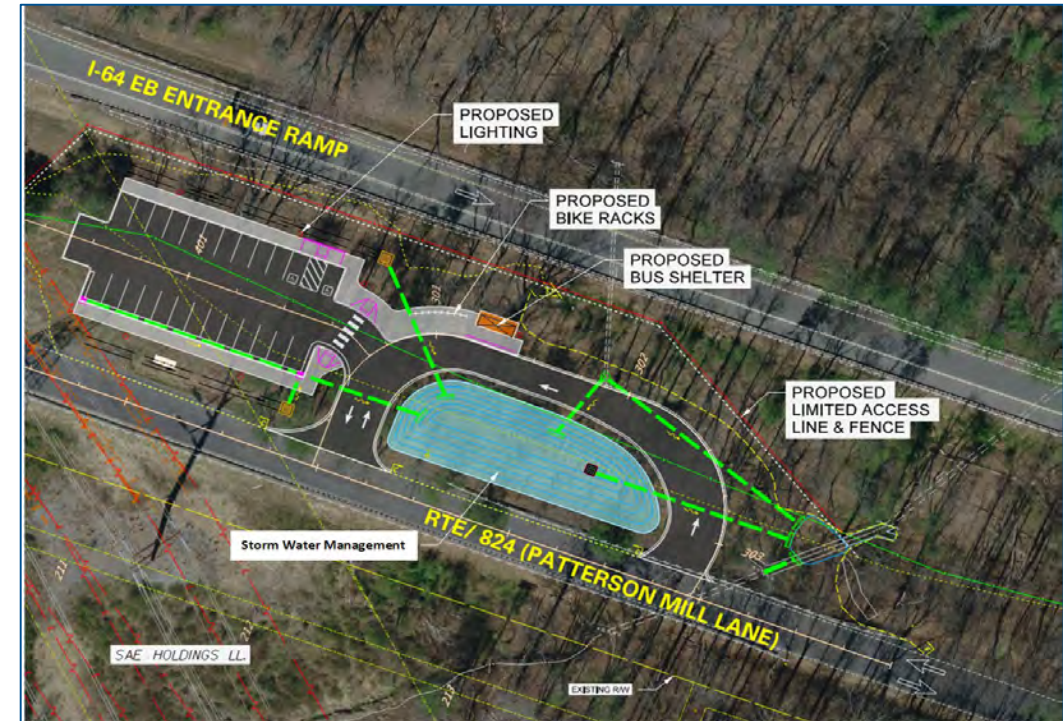


Status:	Substantially complete
Cost:	\$18.1 million

I-64 Exit 107 Park & Ride Lot, Crozet

Construct a Park and Ride lot at I-64 exit 107 in the Crozet area. This SMART SCALE project includes:

- A bus shelter
- Parking lot with 25 spaces
- Bicycle rack
- Bus pull-through lane
- Westbound left turn lane extension on U.S. 250 (Rockfish Gap Turnpike)



Status:	In design Out for bid: October 2024 Complete: October 2025
Estimate:	\$5 Million

U.S. 250 / Route 151 Roundabout, Afton

Intersection converted from stop-sign controlled intersection at Rockfish Gap Turnpike and Critzers Shop Road.

Drivers often opt for U.S. 250 when I-64 is backed up.

The roundabout moves traffic through the intersection more efficiently.

The design provides a traffic-calming measure to an intersection with a high crash rate history.



Status:

Substantially complete

Cost:

\$5.4 Million

U.S. 250 Truck Arrestor System, Afton Mountain

A first for Virginia. This project is located 1,800 feet west of the 250/151 roundabout on the eastbound side of U.S. 250.

It addresses an identified safety issue for trucks descending Afton Mountain. It includes:

- A series of barrier net will slow runaway trucks to an acceptable rate of deceleration avoiding driver injury**
- "Runaway Truck Ramp" sign**
- "Runaway Vehicle Only" sign**



Status:

Under way

Complete: April 2024

Estimate:

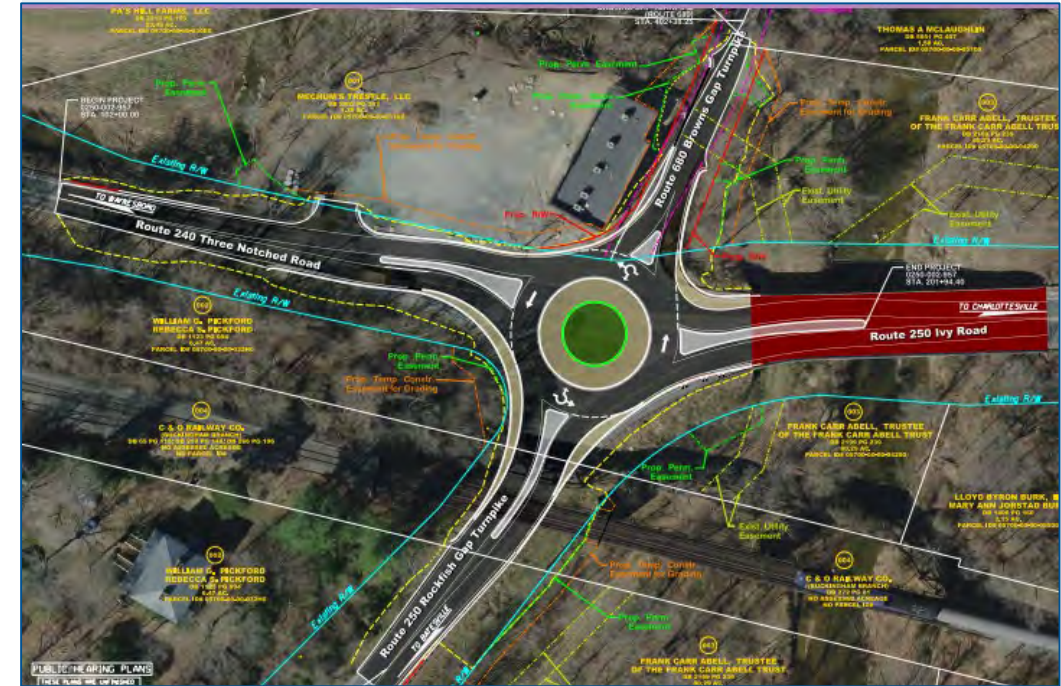
\$5.5 Million

Route 240/250/680 Roundabout, Crozet

Reconstructs the existing intersection of Three Notched Road, Rockfish Gap Turnpike and Browns Gap Turnpike in the Crozet area as a four-leg, single-lane roundabout to improve traffic safety and relieve congestion.

The project includes pedestrian and bicycle facilities through the roundabout.

This project is one element of the Albemarle intersection design-build bundle of five projects.

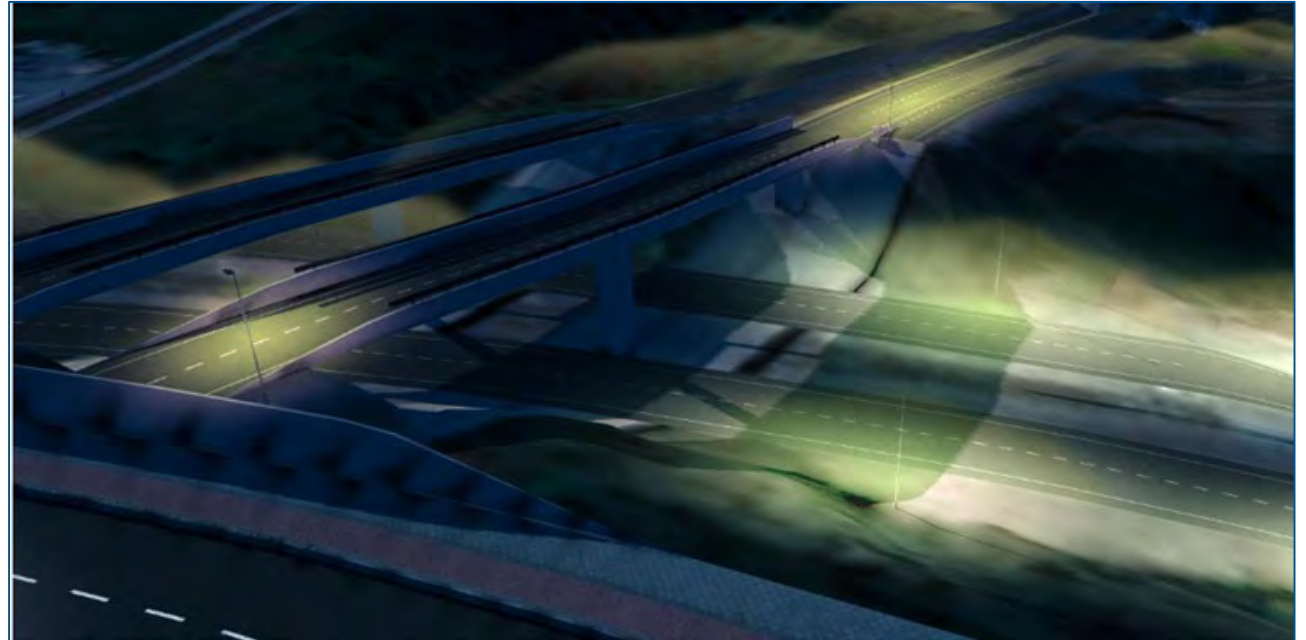


Status:	In Design
Estimate:	\$5.2 Million

I-64 Exit 99 Interchange Lighting

Upgraded lighting will be installed at the Exit 99 interchange at the top of Afton Mountain to improve visibility

- Includes a combination of pole-mounted, bridge-mounted and wall-mounted fixtures**
- Project is being coordinated with the National Park Service to minimize light pollution in Shenandoah National Park and on the Blue Ridge Parkway**



Status:

In design, awaiting environmental approval

Estimate:

\$2.7 million

I-64 Afton Mountain Congestion Warning System

- Congestion detection system on I-64 EB and WB on Afton Mountain**
- Safety countermeasure to address slow-moving vehicles ascending Afton Mountain**
- Designed to detect vehicle speeds and automatically activate flashing beacons to alert motorists of slow traffic ahead**
- Includes installation of additional signs with flashing beacons**



Status:	Under contract Completion January 2025
Estimate:	\$2.7 million

I-64 Mile Marker 102 CCTV Camera

Installation of an additional CCTV camera at mile marker 102.4 to improve coverage

- **Cameras allow Transportation Operations Center staff to monitor the corridor for incidents, traffic conditions and weather**
- **Cameras also provide motorists "real time" information about traffic & road conditions through the 511 Virginia website & mobile app**



Status:	In design, installation in fall 2023
Estimate:	\$31,875

I-64 Changeable Message Boards

Installation of two additional permanent changeable message boards in the Charlottesville area

- The boards will provide advance notice of crashes, congestion, weather or other incidents on I-64 west of Charlottesville
- Boards will be located on westbound I-64 before Exit 124 and Exit 118
- Messages will be programmed remotely by operators at the regional Transportation Operations Center in Staunton

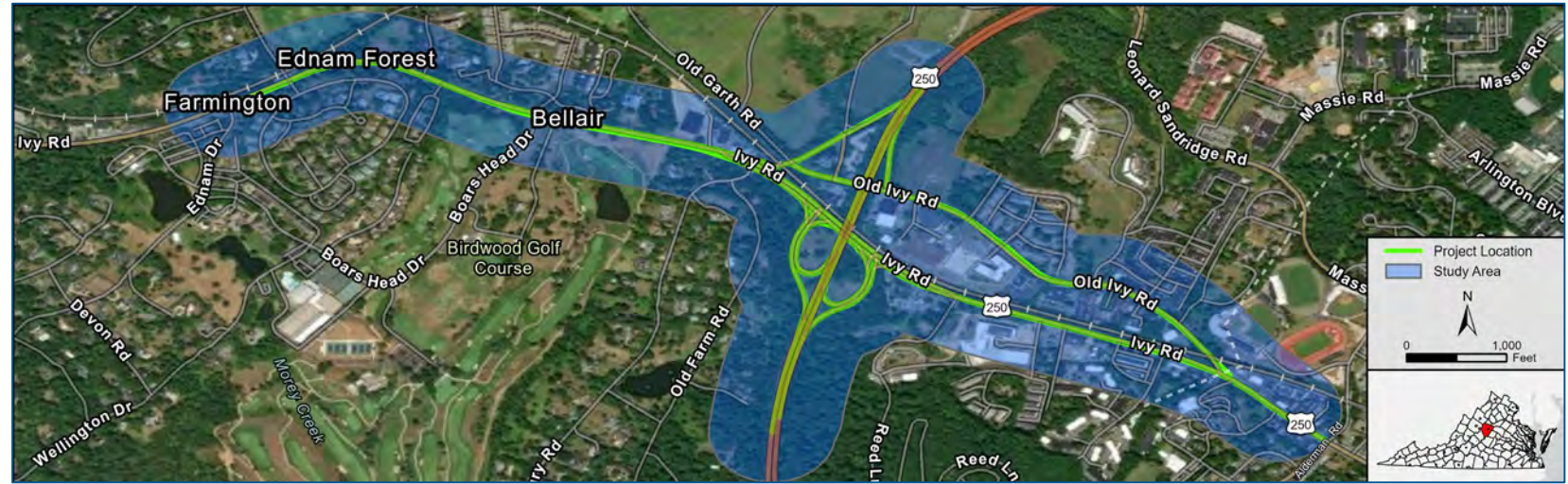


Status:	In design, installation in early 2026
Estimate:	\$1.1 million

Ivy Corridor Pipeline Study, Albemarle Co./Charlottesville

Status: Phase I under way, completion Spring 2024

Estimate: \$250,000



The study will identify project recommendations for the U.S. 250 (Ivy Road) corridor, including the interchange with U.S. 29, in Albemarle County and the City of Charlottesville.

It will focus on improving roadway safety, reducing traffic congestion, improving access, and enhancing multimodal accessibility and connectivity for pedestrians, bicyclists, and transit users.

The study will build from previous study efforts for the study area led by VDOT and the localities and provide multiple opportunities for public input.

Town Center Park and Ride, Waynesboro

SAW MPO Smart Scale Round 2 Application

- Formalized and expanded existing VDOT facility
- Includes 175 parking spaces, bus loading zone with shelter, bike racks and lighting
- Supports BRITE's Afton Express service



Status:	Completed April 2022
Estimate:	\$1.6 million

Southern Corridor (Shen. Village Dr. extended), Waynesboro

Waynesboro Smart Scale Round 1 Application

- **New 2-lane roadway, connecting Rosser Avenue to Delphine Avenue**
- **Supports local east-west travel as parallel facility to I-64 between Exits 94 and 96**
- **Provides access to the Nature's Crossing Technology Park**



Status:	Under Construction, Completion set for Aug. 2025
Estimate:	\$18.0 million

Crozet Tunnel Connector, Waynesboro and Augusta Co.

Creating a non-motorized connection from downtown Waynesboro to the western portal of the Crozet Tunnel

- **E. Main Street Shared Use Path**
- **EFLAP funding for design phase from city limits to tunnel**
- **Plans for connectivity to Shen. National Park / Appalachian Trail / Blue Ridge Parkway**

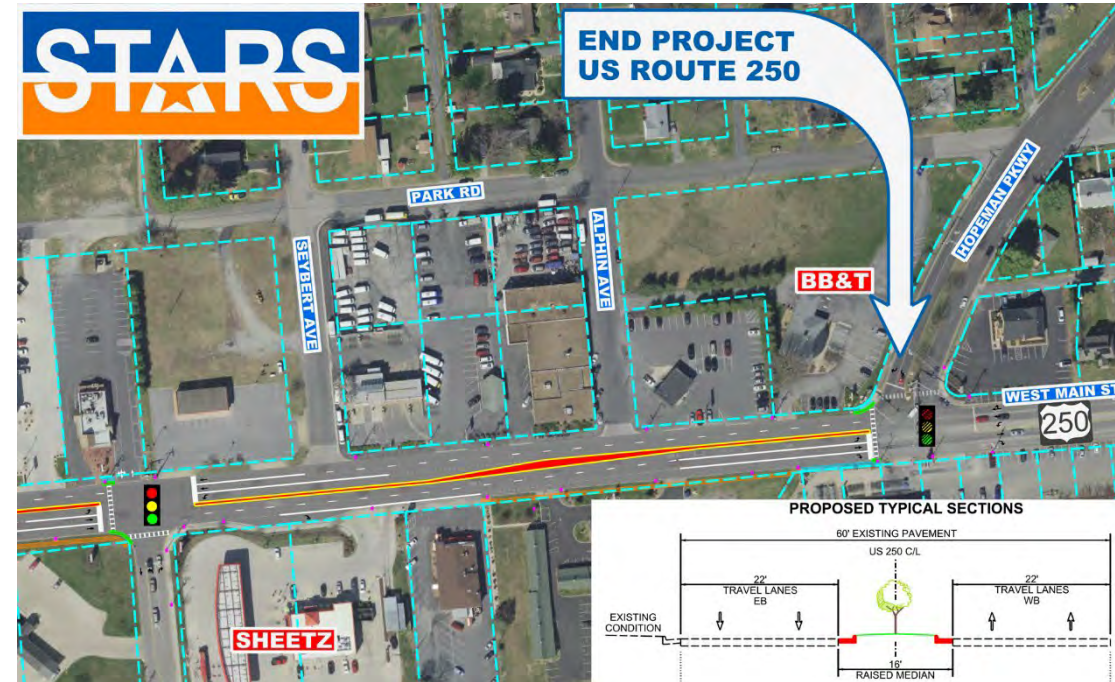


Status:	E. Main St. - Under Design, Construction Start March 2026
Estimate:	E. Main St. = \$2.3 million EFLAP = \$950,000 (for design)

US 250 Improvement Projects, Waynesboro

Operations and safety projects along 2-segments of US 250

- W. Main Street corridor from city limits to Hopeman Pkwy
- Broad Street corridor through downtown
- Access management with raised medians, sidewalk and signal operation improvements



Status: Under Design, Construction Start Jan. 2026

Estimate: W. Main St = \$12.6 million
Broad St = \$7.2 million

US 250 / US 340 Roundabout, Waynesboro

Waynesboro Smart Scale Round 5 Application

- Roundabout will address safety and operational needs at one of the city's primary intersections
- Project includes access management improvements on intersection approaches and completing gaps in the non-motorized network



SMART SCALE PROJECT SKETCH
Main Street and Rosser Avenue Roundabout
(DRAFT)

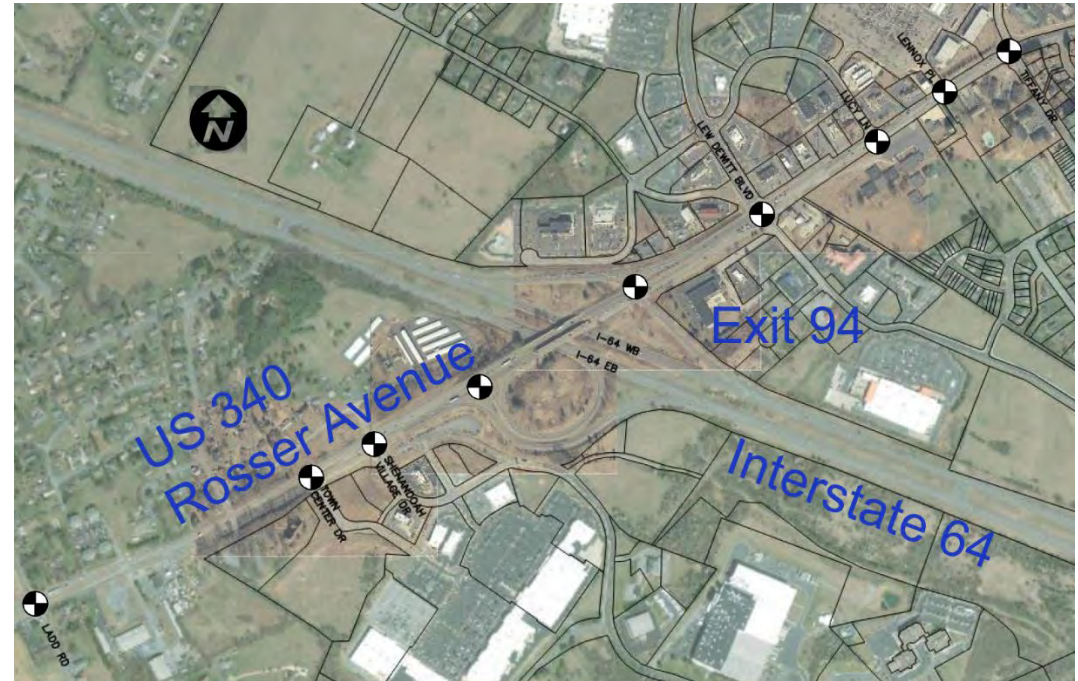


Status:	Design Start Jan. 2026
Estimate:	\$7.6 million

US 340 / I-64, Exit 94 Improvements, Waynesboro

Operations and safety projects along US 340 (Rosser Avenue) from Ladd Road (Augusta Co.) to Tiffany Drive (Waynesboro)

- **SAW MPO Smart Scale Round 4 signal coordination and access management project**
- **Waynesboro Smart Scale Round 5 Exit 94 WB off-ramp improvement**



Status:	Rosser Ave. = Under Design, Construction Start Dec. 2026 Exit 94 off-ramp = Design Start Oct. 2024
Estimate:	Rosser Ave. = \$1.6 million Exit 94 off-ramp = \$2.4 million

US 250 / Woodrow Wilson Complex Entrance Improvements, Augusta Co.

Capacity improvement to address peak period congestion at the Woodrow Wilson Complex

- **Augusta County Smart Scale Round 3 project to add an addition in-bound lane and internal roundabout**
- **Addresses extensive queuing on US 250**
- **SAW MPO Small Area Study**



Status:	Under Design, Construction Start Jan. 2026
Estimate:	\$6.8 million

BRITE Transit Improvements, Waynesboro and Augusta Co.

BRITE Transit Smart Scale Round 4 application

- Improves 3 existing BRITE stops to formalize waiting areas with shelters and sidewalk connections
- 2 stops on 250 Connector (Augusta Co. and Waynesboro)
- 1 stop on BRCC Shuttle in Verona (Augusta Co.)



Status:	Under Design, Construction Start Jun. 2024
Estimate:	\$4.4 million

Staunton Crossing, Staunton

Staunton Smart Scale Round 2 Application

- **Extension of Crossing Way to Valley Center Drive**
- **Provides US 250 access to Staunton Crossing economic development site**
- **Project includes a shared use path that will connect to US 250 and a new park and ride lot**

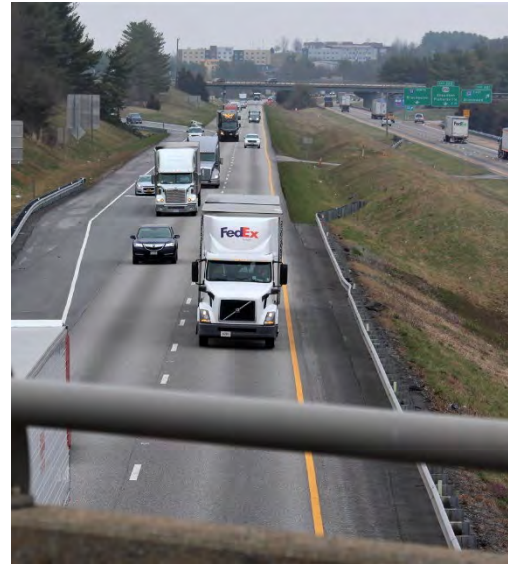


Status:	Under Construction, Completion set for May 2024
Estimate:	\$9.2 million

I-81 Improvements, Exits 220 - 225, Augusta Co. and Staunton

I-81 Corridor Improvement Program – 2 projects at system interchange with I-64, Exit 87

- NB and SB widening to 3 lanes in each direction between Exit 221 (I-64) and 225 (Rt. 262).
- SB auxiliary lane between Exit 221 (ramp from I-64) and 220 (ramp to Rt. 262)



Status:	Widening = Under Construction (Design / Build), Completion set for Sept. 2027 Auxiliary Lane = Advertised, Completion set for Sept. 2025
Estimate:	Widening = \$140.5 million Auxiliary Lane = \$15.8 million



Virginia Department of Transportation