

## Descriptions of SMART SCALE Round 7 Pre-Applications in Albemarle County

The following projects are being considered for applications for Round 7 of SMART SCALE funding. The descriptions may change before the final applications are submitted on August 1, 2026. Pre-applications are due on April 1, 2026.

*3/4/26 Update - Projects are continuing to be developed. Changes to project descriptions since meeting packet deadlines are noted in blue italic text. ~~Deletions are noted in red strikethrough text.~~ The current list of projects is provided below, followed by individual project descriptions.*

Project	Applicant
A. Barracks Road & US 29 SB/US 250 WB On-Ramp	Albemarle County
B. US 250 & Old Trail Roundabout	Albemarle County
C. US 250 (Ivy Road) – Full Recommendation	Albemarle County
D. US 250 (Ivy Road) – Partial Recommendation	Albemarle County
1. US 29 NB/US 250 EB Off-ramp improvements at Barracks Road	CA-MPO
2. I-64 and 5th Street (Exit 120)	CA-MPO
3. US 29 SB/US 250 WB Off-ramp extension at Ivy Road	CA-MPO
4. US 29 NB/US 250 EB On-ramp extension at Ivy Road	CA-MPO

### Albemarle County Pre-Applications

A. **Barracks Road & US 29 SB/US 250 WB On-ramp** – This project will construct several modifications on Barracks Road at the western approach to the interchange with US 29 / US 250. The project will:

- Add a right turn lane on eastbound Barracks Road for vehicles turning onto the on-ramp to southbound US 29 / westbound US 250
- Close the median opening on Barracks Road at Ricky Road
- Relocate the bus stop currently at Barracks Road and Surrey Road to the southeast corner of Barracks Road and Bennington Road
- Construct a pedestrian connection from the relocated bus stop to the existing sidewalk on the north side of Barracks Road, including a

crosswalk across the off-ramp, a crosswalk across Barracks Road, and new sidewalk along the south side of Barracks Road

This project was identified in the Barracks Road Project Pipeline study to address safety issues for motorists and pedestrians.

**B. US 250 & Old Trail Roundabout** – This project will construct a roundabout at the intersection of US 250 (Rockfish Gap Turnpike) at Old Trail Drive with crosswalks and pedestrian connections. This project was previously submitted for SMART SCALE funding and narrowly missed being selected.

**C. US 250 (Ivy Road) – Full Recommendation** – *This project will redesign US 250 (Ivy Road) from Old Garth Road/Canterbury Road to Boar's Head Drive/Colridge Drive. The project will:*

- *Convert the signalized intersection of Ivy Road and Old Garth Road/ Canterbury Road to a roundabout*
- *Convert the unsignalized intersection of Ivy Road and Boar's Head Drive/ Colridge Drive to a roundabout*
- *Install a median along Ivy Road between the two new roundabouts*
- *Construct a shared use path along Ivy Road between the two new roundabouts*

*This project was identified in the Ivy Road Project Pipeline study to address safety and congestion issues. The full recommendation package provides the greatest benefits for safety, congestion, and pedestrian and bicycle access, however it may not score well due to project cost.*

**D. US 250 (Ivy Road) – Partial Recommendation** – *As part of a funding strategy, this project is a smaller version of Project C. This project (Project D) will:*

- *Convert the signalized intersection of Ivy Road and Old Garth Road/ Canterbury Road to a roundabout*
- *Construct a shared use path along Ivy Road at Old Garth Road/ Canterbury Road*

*This project (Project D) will have fewer benefits compared to the full recommendation package (Project C), and it will be lower cost, which may result in a higher overall project score.*

*The two US 250 (Ivy Road) projects are being submitted simultaneously to increase the chances that at least one project will be funded in this location.*

~~**C. US 250 & Canterbury Road Roundabout** – This project will convert the signalized intersection of US 250 (Ivy Road) and Canterbury Road / Old Garth~~

~~Road to a roundabout. This project was identified in the Ivy Road Project Pipeline study to address safety and congestion issues at this intersection, which had the highest crashes and highest levels of congestion in the 2-mile-long Ivy Road study corridor.~~

~~D. **US 250 & Boar's Head Roundabout**—This project will convert the unsignalized intersection of US 250 (Ivy Road) and Boar's Head Drive / Colridge Drive to a roundabout. This project was identified in the Ivy Road Project Pipeline study to address safety and operational issues at this intersection.~~

### **CA-MPO Pre-Applications**

1. **US 29 NB/US 250 EB Off-ramp improvements at Barracks Road** - This project will construct several modifications to the US 29 / US 250 interchange with Barracks Road, including:
  - Widening the off-ramp from northbound US 29 / eastbound US 250 to provide two left turn lanes and one right turn lane
  - Extending the length of the deceleration lane to the off-ramp on northbound US 29 / eastbound US 250
  - Adding sidewalk on both sides of Barracks Road from the existing sidewalk in the City of Charlottesville to the intersection with the southbound US 29 / westbound US 250 ramps
  - Adding a crosswalk across Barracks Road at the southbound US 29 / westbound US 250 ramps

This project was identified in the Barracks Road Project Pipeline study to address safety issues for motorists and pedestrians. This project is adjacent to Albemarle County Pre-Application A.

2. **I-64 and 5th Street Diverging Diamond Interchange and Pedestrian Connections** – This project will construct modifications to the interchange of I-64 Exit 120 at 5<sup>th</sup> Street, including:
  - Convert the existing interchange to a Diverging Diamond Interchange
  - Add a shared use path from the bridge over I-64 to connect north to the 5<sup>th</sup> Street Station Trail and Hub along the east side of 5<sup>th</sup> Street
  - Add a sidewalk on the west side of 5<sup>th</sup> Street south of the bridge over I-64 to connect to the existing sidewalk to the southwest
  - Retain the existing sidewalk on the bridge portion over I-64

A similar project was submitted for SMART SCALE funding in the previous round, but it included the cost to rebuild the bridge over I-64 to accommodate a shared

use path. The project was not selected because of its high cost. The project proposed for Round 7 does not require replacing the bridge, which will be more competitive for funding selection.

~~3. **US 29 Southbound at I-64 Exit 118** – This project will construct modifications at the interchange of I-64 Exit 118 at US 29. The US 29 Project Pipeline study, currently underway, is focusing on the safety and operational issues of the southbound left turn lanes on US 29 at the I-64 eastbound on-ramp. The recommendation is still being developed at this time. Further study is needed, and a preferred concept will not be identified in time for Round 7 applications. VDOT will continue to study this interchange to identify short- and long-term solutions. A project at Exit 118 will be considered for future rounds of funding.~~

3. **US 29 SB/US 250 WB Off-ramp extension at Ivy Road** – This project will extend the length of the deceleration lane on southbound US 29 / westbound US 250 to the off-ramp to Route 601 (Old Ivy Road). The longer lane will give motorists a longer distance to change lanes and slow down in advance of the off-ramp. This project was identified in the Ivy Road Project Pipeline study to reduce congestion and decrease congestion-related crashes at this interchange.

4. **US 29 NB/US 250 EB On-ramp extension at Ivy Road** – This project will extend the length of the acceleration lane from the on-ramp at Old Ivy Road onto northbound US 29 / eastbound US 250. The longer lane will give motorists a longer distance to merge onto US 29 / US 250. This project was identified in the Ivy Road Project Pipeline study. This project was identified in the Ivy Road Project Pipeline study to reduce congestion and decrease congestion-related crashes at this interchange.