

## Attachment B: Descriptions of SMART SCALE Round 7 Applications in Albemarle County

The following projects are being considered for applications for Round 7 of SMART SCALE funding. The descriptions below are current at the time of submittal of the executive summary to which this document is attached. These descriptions may change before final applications are submitted on August 3, 2026.

Project	Applicant
A. Barracks Road SB Right Turn Lane at US 29/250 WB Bypass	Albemarle County
B. US 250 and Old Trail Drive Intersection Improvements	Albemarle County
C. US 250 / Rte 601 Roundabout Corridor Improvements	Albemarle County
D. US 250 / Rte 601 / Canterbury Intersection Improvements	Albemarle County
1. US 29 NB/US 250 EB Ramp Extension/ Barracks Road Off-Ramp	CA-MPO
2. I-64 - 5th St Interchange Improvements	CA-MPO
3. US 29/250 SB Off-Ramp Extension to Old Ivy Rd	CA-MPO
4. Old Ivy Rd On-Ramp/Leonard Sandridge Rd Off-Ramp Aux. Lane	CA-MPO

### **Albemarle County Applications**

- A. **Barracks Road SB Right Turn Lane at US 29/250 WB Bypass** – This project will include: constructing a new right turn lane from SB Barracks Road onto the US 29 SB/US 250 WB on-ramp; closing the median crossover at Ricky Road; installing high visibility crosswalks across Barracks Road north of the US 29/250 WB ramps at the signal, and across the 29/250 WB off-ramp; relocating CAT bus stop 14413 one block east on SB Barracks Road from Surrey Rd to Bennington Rd; installing a concrete boarding platform at the relocated bus stop; and installing approximately 350' of shared use path on the south side of Barracks Road from relocated bus stop at Bennington Road to the new crosswalk across Barracks Road. This project will overlap with the US 29 NB/US 250 EB Off-Ramp Improvements project submitted by the CA-MPO at the Barracks Road and US 250 WB/US 29 SB ramp intersection.

- B. US 250 and Old Trail Drive Intersection Improvements** – This project will include: installing a 2x1 hybrid roundabout (2 lanes in the E/W direction, 1 lane in the N/S direction) at the intersection of Old Trail Drive and US 250 (Rockfish Gap Tpk) with high-visibility pedestrian crosswalks and pedestrian activated signal controls on the northern, southern, and eastern legs of the roundabout; improving the shared use path on the northern (WB) side of US 250 from the intersection heading east connecting to the path accessing Henley Middle School; and adding sidewalk on the western (SB) side of Rt. 9570 from the intersection south connecting to the parking lot at the high school.
- C. US 250 / Rte 601 Roundabout Corridor Improvements** – This project will include: installing a 2x1 hybrid roundabout (2 lanes in the E/W direction, 1 lane in the N/S direction) at the intersection of US 250 (Ivy Road) and Canterbury Road; installing a 2x1 hybrid roundabout at the intersection of US 250 and Boars Head Drive; installing median barrier between the two roundabouts; constructing 1 additional through lane between the roundabouts in both directions; constructing a shared use path on the eastbound side of US 250 between the two roundabouts; adding crosswalks on the north, east, and south legs of the Boars Head Roundabout; adding crosswalks on the south and west legs of the Canterbury Roundabout; and constructing sidewalk on the westbound side of US 250 from Canterbury Rd west to Boxwood Estate Road.
- D. US 250 / Rte 601 / Canterbury Intersection Improvements** – This project will include: installing a 2x1 (2 lanes in the E/W direction, 1 lane in the N/S direction) hybrid roundabout at the intersection of US 250 (Ivy Road) at Old Garth Road/Canterbury Road; constructing sidewalk on the WB (northern) side of US 250 from The Market at Bellair west to the existing sidewalk; constructing crosswalks on the western and southern legs of the roundabout; constructing approx. 500 ft of shared use path along the EB (southern) side of US 250; constructing approx. 500 ft of median along US 250 from the new roundabout west to the entrance to Commonwise Home Care for access management; and adding a loon for WB-to-EB u-turns on US 250 across from the entrance to Commonwise Home Care.

### **CA-MPO Applications**

- 1. US 29 NB/US 250 EB Ramp Extension/ Barracks Road Off-Ramp** - This project will include: Tying together the on-ramp from Leonard Sandridge onto US 250 EB/US 29 NB with the off-ramp at Barracks Road; Adding a second left turn lane from the US 29 NB/US 250 EB off-ramp onto NB Barracks Road; Constructing sidewalk on the SB side of Barracks Road between the US 29

SB/US 250 WB on-ramp and the US 29 NB/US 250 EB off-ramp terminals and extending to the south terminating at the driveway across from the 7-Eleven; Improve the sidewalk on the NB side of Barracks Road between the US 29 SB/US 250 WB off-ramp and the US 29 NB/US 250 EB on-ramp to meet ADA requirements. This project will overlap with the US 29 SB/US 250 WB on-ramp improvement project that is being submitted by Albemarle County at the Barracks Road and US 250 WB/US 29 SB ramp intersection.

- 2. I-64 - 5th St Interchange Improvements** – This project includes conversion of the existing traditional diamond interchange to a Diverging Diamond Interchange (DDI); construction of a shared use path along northbound 5th Street from the 5th Street Trail and Hub (UPC 118870) to the I-64 westbound off-ramp and across the northern interchange terminal, connecting to the existing sidewalk on the 5th Street bridge; addition of a pedestrian crossing at the I-64 westbound to northbound 5th Street off-ramp with active pedestrian control; addition of a signal-controlled pedestrian crossing at the northern diverge; addition of pedestrian crossings with signals at the I-64 eastbound to northbound and southbound off-ramps; construction of a sidewalk along southbound 5th Street connecting to existing pedestrian facilities; and improvement of the northbound 5th Street transit stop south of 5th Street Landing to enhance multimodal access and safety.
- 3. US 29/250 SB Off-Ramp Extension to Old Ivy Rd** – This project is a recommendation from a Round 2 Pipeline Study. It will include increasing the length of the off-ramp extension on Ivy Road from US 29 SB/US 250 WB at Old Ivy Road.
- 4. Old Ivy Rd On-Ramp/Leonard Sandridge Rd Off-Ramp Aux. Lane** – This project will include: increasing the length of the on-ramp from Old Ivy Road onto US 29 NB/US 250 EB and tying it together with the off-ramp at Leonard Sandridge Road; adding an additional NB on-ramp lane from Old Ivy Road.