Albemarle County Transportation Planning Quarterly Report

June – September 2026

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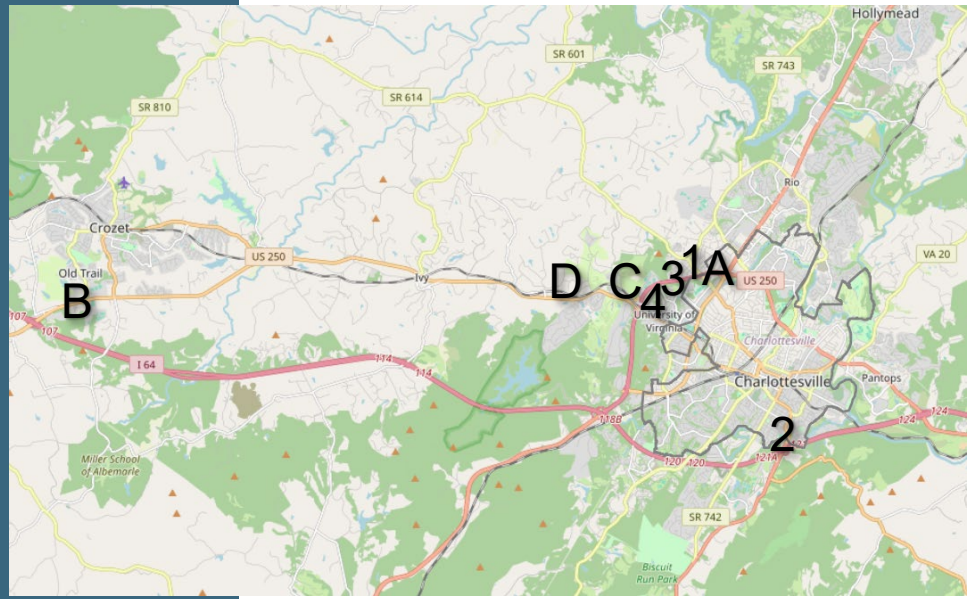
Submitted Smart Scale Projects 2026



MPO Eligible Projects

1. US 29 NB/US 250 EB Ramp Extension/Barracks Road Off-Ramp
2. I-64 – 5th St Interchange Improvements
3. Old Ivy Road On-Ramp Leonard Sandridge Rd Off-Ramp Aux. Lane
4. US 29/250 SB Off-Ramp Extension to Old Ivy Rd

County Eligible Projects

A. Barracks Road SB Right Turn Lane at US 29/250 Bypass

B. US 250 and Old Trail Drive Intersection Improvements

C. US 250/ Rte 601 / Canterbury Intersection Improvements

D. US 250 / Rte 601 Roundabout Corridor Improvements

Past VDOT Pipeline Studies





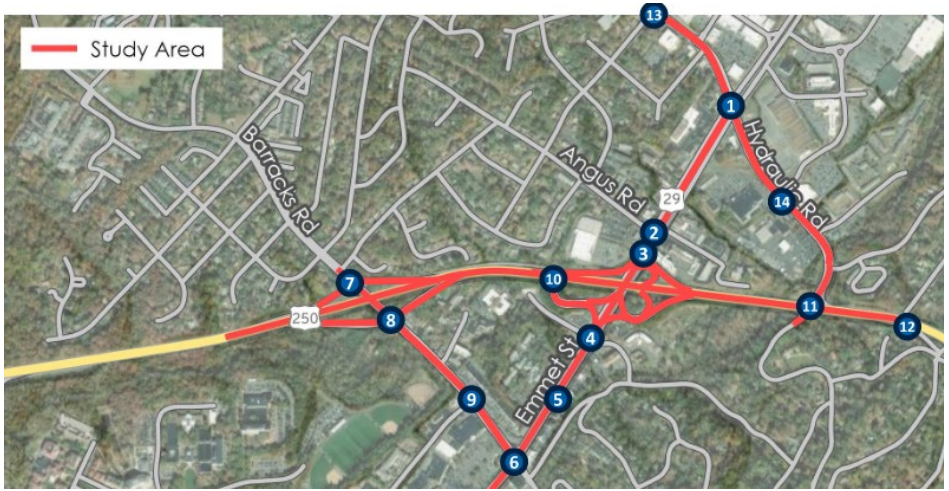
Exit 120 (Top) and Exit 118 (Bottom) have concluded

Exit 120 value engineered the DDI and a SUP across the highway – submitted for SMART SCALE

Exit 118 was inconclusive in its findings – scope will be expanded in STARS Study

Current VDOT STARS Studies

- US 29 corridor from Hydraulic Rd to Woodbrook Road
- US 250/Emmet St/Hydraulic triangle
- Staff provided initial comments
- Projects in STARS too complex to be included for Smart Scale



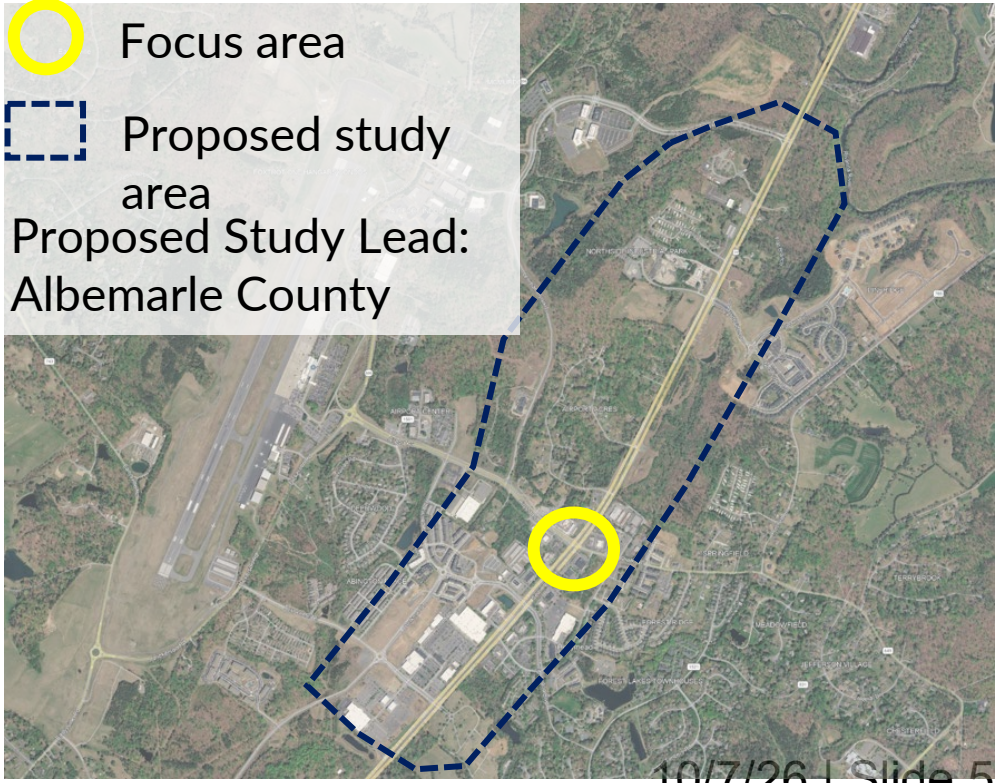
Upcoming VDOT/OIPI Studies

Expanded Exit 118 STARS Study

- Includes Ivy Road Interchange, Exit 120, Fontaine Interchange
- Focus on interchange capacity, safety deficiencies

US 29/Airport Road Pipeline Study

- Focus on safety, congestion, and a pedestrian crossing of US 29



Roadway Reconfiguration Study

Two studies to implement bike lanes on Greenbrier Drive and South Pantops Drive

Final alternatives in December

Will be done in conjunction with repaving next year





Multimodal Transportation Plan

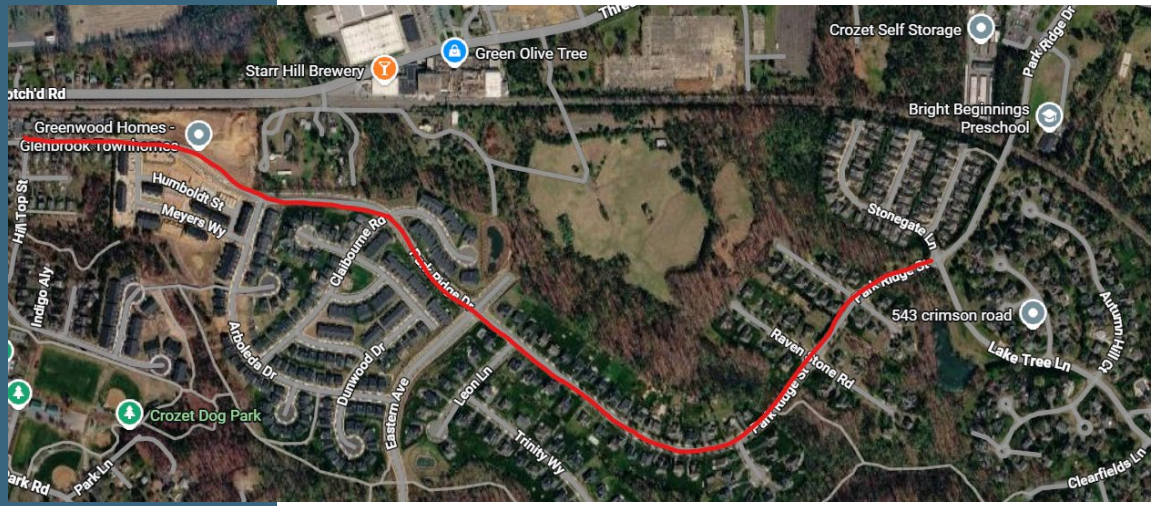
Process design and goal setting development underway

Examines current needs and deficiencies, provides upgrades, and envisions how future development and transportation will best serve our community

Public engagement touchpoints throughout the process

Anticipated completion at the end of FY 2029

Park Ridge Traffic Calming Study



- Study began in spring this year
- Staff and VDOT working together to determine appropriateness of traffic calming according to VDOT regulations

Other Transportation Efforts

- Three Notched Trail draft preferred alignment
- Formal Discontinuance of Free Bridge Lane
- Updated Secondary Six-Year Plan process

Transit Updates

CARTA meetings are continuing bi-monthly

Expansion of CAT down Avon St. Extended continues

- Would have a 2A and 2B line
- Anticipated to begin service late Winter 2027

Questions? Feedback?

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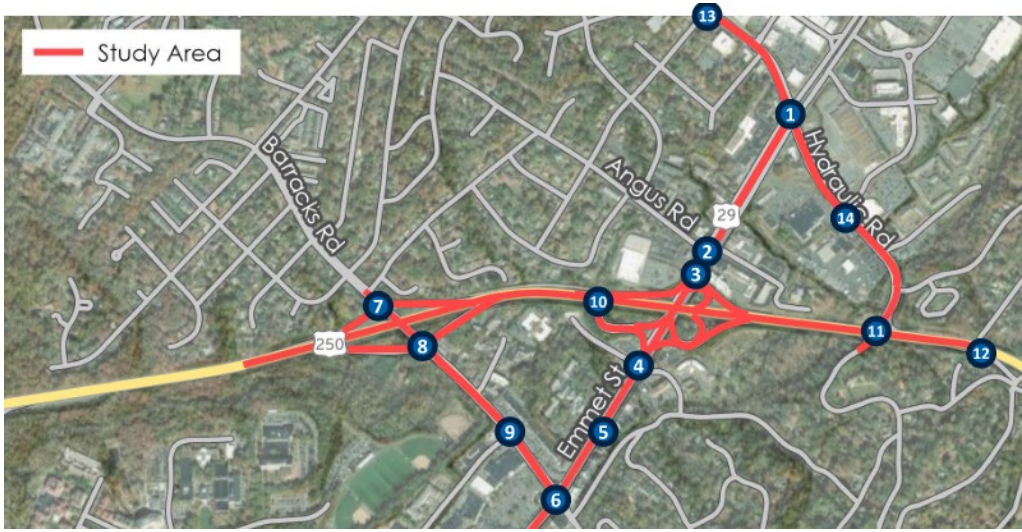

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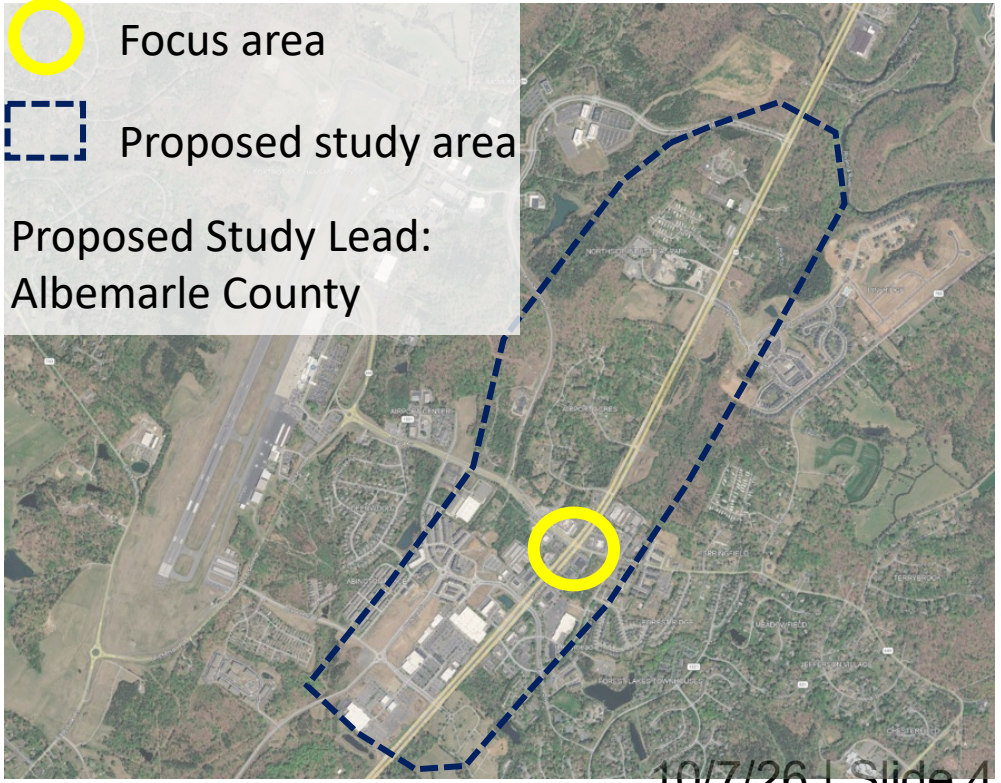

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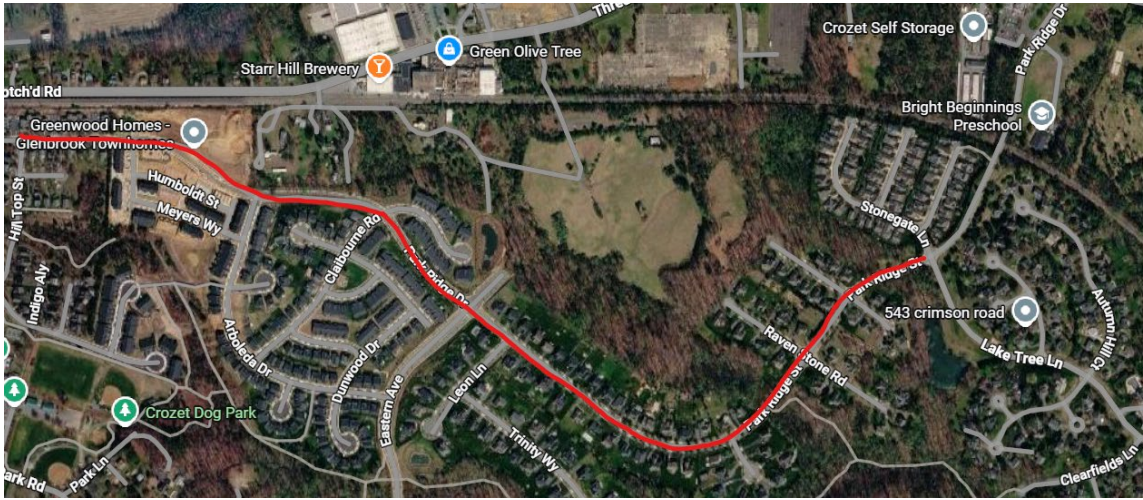

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Projects Under Construction

- Old Lynchburg Road/5th Street Roundabout
- Rio Road/John Warner Parkway Roundabout
- Belvedere/Rio Road Intersection Improvements
- US 29 Shared Use Path
- Commonwealth Drive/Dominion Drive Pedestrian Improvements
- Old Lynchburg Road Bicycle and Pedestrian Improvements

Transit Updates

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- Expansion of CAT down Avon St. Extended continues
  - Would have a 2A and 2B line
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Questions? Feedback?

Transportation Planning Efforts

- Three Notched Trail Shared Use Path Master Plan
- Free Bridge Lane Promenade Pilot Program
- Move Safely Blue Ridge (Safe Streets for All)
- Plank Road Through Truck Restriction
- Transit
- Reported Transportation Issues

Transportation Planning – Smart Scale 2024

- The Smart Scale grant program is the primary method for funding large-scale transportation projects in Virginia
- Albemarle County and the Charlottesville-Albemarle MPO each applied to receive funding for four projects
- Final applications were due August 1, 2024 and required a resolution of support from the Board of Supervisors
- Funding available Summer 2029

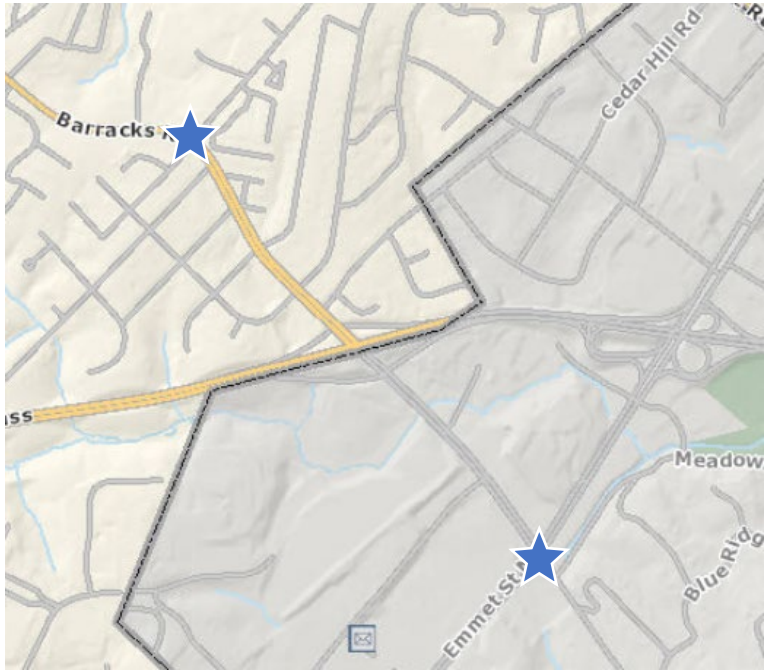
Virginia Highway Safety Improvement Program (VHSIP)

- Uses state and federal funds to advance highway safety improvement projects that have the greatest potential to reduce the State's roadway fatalities and serious injuries
- VDOT submitted five projects on behalf of Albemarle County in October 2023
  - I-64 and US Route 50 Rockfish Gap Turnpike (Exit 107) Improvements
  - Towncenter Boulevard and Commmunity Street
  - US Route 29 Signal Optimization
  - Route 29 Monacan Trail Road Northbound Lanes Roadway Treatment
  - Hillsdale Drive and Greenbrier Drive Intersection Improvements

VDOT Project Pipeline Program

Barracks Road

- Site visit
- Online public engagement survey
- Stakeholder discussion of potential improvements (September, January)
- Additional public engagement
- Final stakeholder meeting



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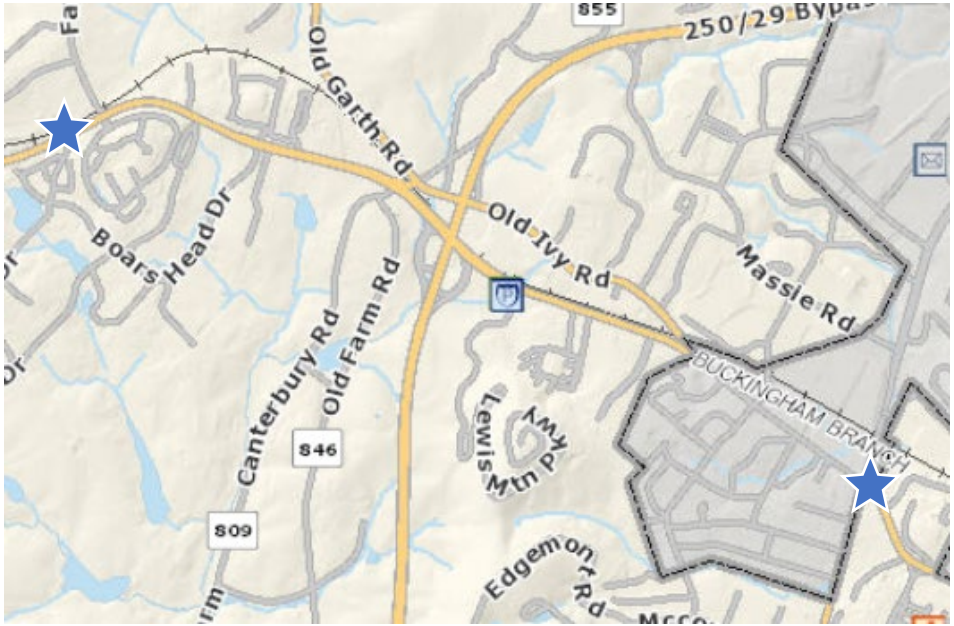

US 29 – US 250/Ivy Road Study

- Site Visit
- Online public engagement survey
- Corridor Focus Group meeting (August and late October)
- Stakeholder discussion of potential improvements (October)
- Additional public engagement
- Final stakeholder meeting

Transportation Planning – Revenue Sharing 2023

- Revenue Sharing applications can request up to $10 million in state funds over the lifetime of a project
- Funding requests must have a local match
  - Project costs that exceed $20 million are the responsibility of the locality
- Applications are sorted into one of four Priority levels, with Priority 1 projects most likely to receive funding
- For each round of Revenue Sharing, a locality may request no more than $10 million in state funds

Revenue Sharing 2023 – Lambs Lane Campus Loop Road

- Extend Lambs Lane (no outlet) to connect to Hydraulic Rd via Georgetown Green; includes construction of a continuous green-T at the intersection of Georgetown Green and Hydraulic Rd; reconfigures AHS entrance to right-in/right-out only
- Priority level 4
- Total Project Cost: $8.4 million
  - 2023 Revenue Sharing request: $4.2 million

Revenue Sharing 2023 – Eastern Avenue South

- New road connection from Westhall Dr with a bridge over Lickinghole Creek to the intersection of Cory Farms Road/US 250 (Rockfish Gap Turnpike); would include bike lanes and sidewalks
- Priority level 1
- Total Project Cost: $39.5 million
  - Previous Award + Match: $16.2 million
  - 2023 Revenue Sharing request: $1.9 million
  - Local funds beyond match: $19.5 million

Revenue Sharing 2023 – Berkmar Dr Extension to Airport Road

- New roadway with bicycle and pedestrian accommodations to continue Berkmar Dr to Airport Rd where a roundabout will be constructed to connect to Innovation Dr/Lewis and Clark Drive
- Priority level 1
- Total Project Cost: $19.2 million
  - Previous Award + Match: $7.3 million
  - Dedicated Telefee (past and projected): $4 million
  - 2023 Revenue Sharing request: $3.9 million

Revenue Sharing 2023 – Commonwealth Pedestrian Improvements

- Construct two segments of sidewalk: on Commonwealth from Hydraulic Rd to Peyton Dr and on Dominion Dr from Commonwealth Dr to US 29. This is approximately 2/3 mile of sidewalk.
- Priority level 1
- Total Project Cost: $3.8 million
  - Previous Award + Match: $3.3 million
  - 2023 Revenue Sharing request: $235,000

Revenue Sharing 2023 – Berkmar Bike and Pedestrian Improvements

- Construct a shared-use path or enhanced sidewalk from Woodbrook Drive to Hilton Heights Road to connect to the existing shared use path on Berkmar Extended. It would be approximately 1 mile long.
- Priority level 1
- Total Project Cost: $8.4 million
  - Previous Award + Match: $2.7 million
  - 2023 Revenue Sharing request: $2.8 million

Three Notched Trail Shared Use Path Master Plan



VDOT Project Pipeline Program

- Designed to develop a pipeline of high-priority projects that address identified VTrans needs and may be considered for implementation through Smart Scale, Revenue Sharing, etc.
- Supports studies with a focus on priority locations and corridors adopted during the VTrans process
- Two studies in Albemarle County
  - Barracks Road (Georgetown Road to Emmet Street)
  - US 29 – US 250/Ivy Road & Old Ivy Road Study

Transportation Planning – Revenue Sharing 2023

- In October 2023, Albemarle County submitted three final applications for Revenue Sharing with a total request of approximately $7 million
  - Berkmar Drive Extension to Airport Road
  - Commonwealth Pedestrian Improvements
  - Berkmar Drive Bicycle and Pedestrian Improvements