

Transportation Planning Quarterly Report

July 2024

Administrative Activities

- Staff attended Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) Technical Committee meetings in April, May, and June; they attended the MPO Policy Board meetings in April and May (the June meeting was cancelled)
- Attended Thomas Jefferson Planning District Commission (TJPDC) Rural Transportation Advisory Committee meetings in May
- Attended monthly Virginia Department of Transportation (VDOT)-County Transportation meetings; in addition to staff from transportation planning, staff from ACPD, FES, and Scottsville administration attended
- Staff continued work on an improved Transportation webpage and launched an interactive project map
- VDOT is conducting a major statewide update to the Federal Functional Classification (FFC), which historically has occurred following a decennial Census. County staff have completed a detailed review of the existing Functional Classification map to ensure accuracy and consistency with how the roadways are used. County staff have submitted their review comments to the CA-MPO, which is coordinating the FFC review process in collaboration with VDOT. In the next quarter, the MPO will approve a resolution intended to document local officials' cooperation with VDOT. Following the MPO review, VDOT will submit the updated functional classification to FHWA for their review and approval. The effort is anticipated to be finalized by September 2024.

Transportation Planning Efforts

Smart Scale 2024

Albemarle County, CA-MPO, and TJPDC staff are collaborating with VDOT staff to identify projects for the upcoming round of Smart Scale. The pre-application period began on March 1, 2024 and closed on April 1, 2024. Final applications will have been submitted by August 1, 2024. Albemarle County, the CA-MPO, and the TJPDC can each submit up to four final applications. Changes to the Smart Scale application and scoring processes include the addition of "readiness gates" that needed to be met by County staff throughout the application process, as well as reductions in the impact of land use on project benefit scores, among other changes.

(On projects identified throughout the report, numbers represent the project's priority ranking from 2019. Projects with "N/A" instead of a number are projects that were not prioritized as part of the 2019 prioritization process – the project may have been started before 2019, it may have been identified in a master plan or regional plan after 2019, or it may have been identified by a local or VDOT-led study after 2019.)

The following submitted projects are listed by submitting entity. Project descriptions utilize the wording staff included in the Smart Scale application submission portal as of the date for "Readiness Gate 3" (July 15th, 2024).

Albemarle County:

N/A. Rio Road and Hillsdale/Northfield/Old Brook Intersection Improvements: This project would reconstruct the existing two signalized intersections as a hybrid, multilane double roundabout. It would also construct a shared use path encompassing the double roundabout and tying into existing bicycle lanes and sidewalks on the north and south ends of the roundabout on both sides of Rio Road. The shared use path would also tie into existing bicycle lanes on both sides of Hillsdale Drive via added bike ramps and the existing sidewalk on the south side of Hillsdale Drive. The project will include pedestrian crossings on all legs of the intersection.

#69. US 29 and Plank Road Intersection Improvements: This project would construct Restricted Crossing U-Turns (R-cut) at US 29 and Plank Road, Sutherland Road/Rabbit Valley Road, and near Woodson Store Lane. It would extend the left-turn lane for northbound US 29 at the crossover near Woodson Store Lane. The project would include extending the substandard right turn lane along US 29 northbound onto Plank Road which would impact an existing box culvert which would potentially need to be replaced as part of the improvement.

N/A. Old Trail Drive/US 250 West Intersection Improvements: This would be a resubmission of a similar application that was not funded in the previous round. This project would construct a roundabout at the Old Trail Drive/250 intersection with high visibility crosswalks and active pedestrian controls on the northern, eastern, and southern legs of the roundabout. There are existing crosswalks on the north and east legs of the intersection that will be replaced in-kind. The existing substandard Shared Use Path along the westbound side of US 250 from the crosswalk on the north leg of the intersection to the east to connect to Henley Middle School will be improved to meet existing standards; on the east side of Old Trail Drive, the existing 8' sidewalk will be maintained/replaced in-kind starting at the crosswalk on the north leg of the intersection and extending north.

N/A. Barracks Road Improvements Package – Georgetown Roundabout and SUP: The VDOT-led Project Pipeline study identified a suite of improvements along the Barracks Road Corridor from Georgetown Road into the City of Charlottesville. Albemarle County would apply for those improvements west of the Barracks Road and US 29/250 interchange, which would include reconstruction of the existing signalized intersection of Georgetown and Barracks Roads as a hybrid roundabout with at-grade pedestrian crossings on all legs of the intersection; closure of all median crossings along Barracks Road between Georgetown Road and westbound on- and off-ramps to US29/250; construction of a shared use path along the west side of Barracks Road between Georgetown Road and the WB on-ramp; upgrade of the CG-12 ramps along the east side of Barracks in the project area; installation of two concrete pads and up to two transit shelters at existing stops (end of Surrey Road off of Barracks Road and north side of Georgetown Road east of the proposed roundabout). Add SB right-turn lane starting at Bennington Road onto US 29/250 westbound.

Charlottesville-Albemarle MPO:

#19. 5th Street and I-64 Interchange Improvements: This project would convert the existing signalized diamond interchange to a diverging diamond interchange (DDI) at the connection of I-64 and 5th Street (Exit 120). This project would include a shared use path between the NB and SB lanes with crosswalks to the NE and SW. On the northern end of the DDI, the shared use path will be extended on the east side of 5th St to the entrance to Holiday Inn (including crossing 5th Street Landing) and on the SW side from the

interchange to Pinehurst Court. A bike ramp will be included on the SW leg to provide a transition for bicyclists traveling south on 5th Street to share the roadway.

#9. US250/Peter Jeff. Pkwy and Rolkin Road Pipeline Bundle (Pantops Improvements Package): This would be a resubmission bundling two previously submitted applications (**#9. US 250/Rolkin Road Pedestrian Improvements** and **N/A. US 250/Peter Jefferson Parkway Intersection Improvements, Park and Ride, and Access Management**). The former was not awarded funding; the latter was initially recommended for funding by VDOT staff but was ultimately replaced by a different Albemarle County project in the final consensus funding scenario. This project would consist of the following elements:

- 1) An at-grade pedestrian crossing for the northern, eastern, and southern legs of the 250/Rolkin Road intersection, with a pedestrian island located in the northeast quadrant
- 2) Add 800' of sidewalk on the southern side of 250 from Rolkin Road to State Farm Boulevard
- 3) Add a 220' right-turn only lane for eastbound traffic on 250 to reduce rear-end crashes at this intersection; the existing shared right-turn/thru-lane should be converted to thru-only
- 4) Implement a "Thru-cut" at the 250/Peter Jefferson Parkway intersection such that thru-movements on the minor approaches are eliminated to maximize signal efficiencies and reduce delay
- 5) Construct a new 50-space park and ride lot on the northwest corner of the 250/Peter Jefferson Parkway intersection
- 6) Close median crossing on US 250 at the Hilton Garden Inn

N/A. Barracks Road Improvements Package: The VDOT-led Project Pipeline study identified a suite of improvements along the Barracks Road Corridor from Georgetown Road into the City of Charlottesville. While Albemarle County is submitting an application for improvements within the County, the CA-MPO is increasing the likelihood of funding improvements along the corridor by submitting two additional applications: one with a set of improvements at the interchange and east (complementing the Albemarle County Barracks application) and a second application with the full suite of improvements (in both the County and the City).

Barracks Road Pipeline US 29/250 Interchange and SUP

This project would include hybrid roundabouts at both 29/US250 interchanges and a continuous shared use path along the west side of Barracks Rd from Bennington Road to Emmet St.

Barracks Road Pipeline Corridor Improvements

This project would include:

- 1) Hybrid roundabouts at both 29/US250 interchanges, reducing to a single lane between the roundabouts in the SB direction
- 2) A continuous shared use path along the west side of Barracks Rd from Georgetown Road to Emmet St.
- 3) A hybrid roundabout at Georgetown Rd and Barracks Rd,
- 4) Closure of all median cuts along Barracks road from Georgetown to the westbound US 29/250 interchange,
- 5) Pedestrian crosswalks at all four legs of the Georgetown/Barracks roundabout, on the west side of the two roundabouts on the US29/250 interchange roundabouts through the interchanges, and across Barracks Rd on either side of the two interchange roundabouts,

- 6) Reduction of lane width on Barracks Rd between Georgetown and the westbound interchange roundabout to 11 feet, and
- 7) Improvement of the two existing transit stops along Barracks Road and Georgetown Road.

Revenue Sharing 2023

Virginia Department of Transportation's Revenue Sharing Program provides funding to localities for the improvement, construction, reconstruction, or maintenance of state highways. Localities can request up to \$10 million per round (odd years) and up to \$10 million per project over the project's lifetime. Localities must provide matching funds for all state funds awarded.

At the August 2nd meeting, the Board of Supervisors directed staff to submit three final applications that had previously received Revenue Sharing funding and each cost less than \$20 million. Descriptions of those projects and total project cost estimates are below.

All three projects received funding in this round of Revenue Sharing, with the Commonwealth Dr./Dominion Drive Pedestrian Improvements and Berkmar Drive Extension projects receiving the full requested amount and the Berkmar Drive Bicycle and Pedestrian Improvements project receiving a significant partial request. Additional funding may be obtained for the Berkmar Drive Bicycle and Pedestrian Improvements project through a Revenue Sharing 2025 request.

N/A. Commonwealth Dr./Dominion Dr. Pedestrian Improvements (Total Cost: \$3,805,891) – This project will construct sidewalk segments to prioritize transit connectivity on Commonwealth Dr from Hydraulic Rd to Peyton Dr, along Commonwealth from Four Seasons to Dominion Dr, and along Dominion Dr from Commonwealth Dr to Rt 29. *Previously awarded Revenue Sharing: \$1,668,112; 2023 Revenue Sharing request and award: \$234,834*

#62. Berkmar Drive Bicycle and Pedestrian Improvements (Total Cost: \$8,440,614) – This project will extend the shared-use path on Berkmar Dr from Hilton Heights Road to Woodbrook Drive. Consultants are preparing 20% designs and working with VDOT to obtain necessary waivers for several project elements. This project is being administered by Facilities Planning & Construction; please see their April 2023 quarterly report for project updates. *Previously awarded Revenue Sharing: \$1,345,013; 2023 Revenue Sharing request: \$2,875,294; 2023 Revenue Sharing award: \$2,125,000 (RS)*

#5. Berkmar Drive Extension (Total Cost: \$19,156,891) – This project will extend Berkmar Dr from its current terminus just north of Timberwood Blvd to Airport Rd and includes construction of a roundabout at the Airport Rd/Berkmar Dr/Lewis and Clark Dr intersection. Bike lanes and pedestrian facilities are included. *Previously awarded Revenue Sharing: \$3,684,082; Committed Telefee: \$3,983,082; 2023 Revenue Sharing request and award: \$3,902,823*

Highway Safety Improvement Program (HSIP) 2023

The following projects were submitted to VDOT Central Office by local VDOT staff on behalf of Albemarle County for funding through the Highway Safety Improvement Program. Due to funding shortfalls with the HSIP program, Central Office only submitted the I-64 and US Route 250 Rockfish Gap Turnpike (Exit 107) Improvements (both projects A and B) and the Towncenter Boulevard and Community Street project to the Commonwealth Transportation Board (CTB). The CTB awarded funding for the highlighted projects.

N/A. I-64 and US Route 250 Rockfish Gap Turnpike (Exit 107) Improvements:

Project A) This project would reduce travel lanes on US 250 from four to two between Patterson Mill Lane and Yancey Mill Lane.

Project B) It would also install a right-turn from the I-64 westbound off-ramp (Exit 107) onto US 250 eastbound.

N/A. Towncenter Boulevard and Community Street: This project would convert Community Street southbound approach to a right-out only (onto Towncenter Boulevard). The existing median on Towncenter Boulevard would be extended to discourage left-turns from the southbound approach.

21, 22, 18, 77, 71, N/A. US Route 29 Signal Optimization: This project would retime and/or optimize signals on US 29 between Angus Road and Airport Road/Proffit Road.

N/A. Route 29 Monacan Trail Road Northbound Lanes Roadway Treatment: This project would add high friction surface treatment to both northbound lanes on 29/Monacan Trail Road from mile marker 126.7 to 127.2.

N/A. Hillsdale Drive and Greenbrier Drive Intersection Improvements: This project would convert the existing stop-controlled intersection to a modular mini-roundabout.

Three Notched Trail Shared Use Path

Albemarle County was awarded just over \$2,000,000 in Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant funds to complete four major planning tasks (listed below) for a future Three Notched Trail Shared Use Path. Planning efforts will take approximately two years. Additional funding must be sought for project construction.

1. Conduct an alternatives analysis of up to three potential alignments for the shared use path;
2. Conduct stakeholder and public engagement to determine a preferred alignment;
3. Reach functional (30%) design for priority sections of the preferred alignment; and
4. Develop an implementation plan for the shared use path that identifies segments of the alignment that would have independent utility if constructed separately

Staff finalized the grant agreement with FHWA and released an RFP for consultants in early April 2024. A selection committee – composed of voting members from Albemarle County CDD, FES, and CAPE, as well as non-voting members from City of Charlottesville, University of Virginia, and Nelson County – reviewed several written proposals and interviewed the highest-scoring consultant teams. Staff expect to complete contract negotiations and kickoff the project before the end of the calendar year.

Move Safely Blue Ridge

The TJPDC was awarded a \$857,600 Safe Streets and Roads for All (SS4A) grant to develop a Comprehensive Safety Action Plan for Albemarle, Fluvanna, Greene, Louisa, and Nelson Counties, as well as the City of Charlottesville. Albemarle County committed to participating in the multi-jurisdictional initiative, including providing a portion of the required local match for the project. This safety action plan, which has been branded “Move Safely Blue Ridge,” will identify strategies to reduce and eliminate deaths and serious injuries on the roadway. Following the completion of Move Safely Blue Ridge, jurisdictions will be eligible to apply for implementation funding for projects or initiatives identified in the plan.

A regional safety summit at CitySpace in early January 2024 kicked off project efforts. At this summit, local staff and advocates for transportation safety gathered to set expectations for the development of the Move Safely Blue Ridge safety action plan, build a collective understanding of the four E's of roadway safety (engineering, education, enforcement, and emergency response), review local transportation safety data, and discuss potential crash reduction strategies.

The Board of Supervisors was asked at their February 7, 2024 meeting to adopt a Resolution to commit Albemarle County to reduce roadway-related deaths and serious injuries. The Resolution satisfies one of the eligibility criteria established in the SS4A grant program, which requires a leadership commitment to reduce and eliminate roadway-related deaths and serious injuries.

Transportation planning staff, along with ACPD staff, sit on the Move Safely Blue Ridge Working Group, which has met three times, December 14th (2023), May 2nd (2024), and July 11th (2024). This working group largely discusses public engagement strategies and goal-setting.

Additionally, in the last quarter, each locality hosted a public meeting; Albemarle County's public meeting was held at the County Office Building on the evening of June 11th. The purpose of the meeting was to provide community members with the opportunity to share their thoughts on ways to make our roads safer for all road users. The meetings utilized a drop-in format with interactive workstations and kid-friendly activities.

Free Bridge Lane Promenade Pilot Program

An FY23 study considered two conceptual design alternatives for Free Bridge Lane: 1) southbound only vehicle traffic with an improved shared use path (one-way design), and 2) removal of vehicle traffic (promenade design). Staff presented both options at the January Pantops CAC meeting and to the Board of Supervisors in early March. Based on feedback from those meetings, the consultants prepared a final design package that illustrates the long-term vision for the preferred promenade design. This design package was shared with the Board of Supervisors at a June 2023 meeting.

Further, the Board directed staff to develop a Free Bridge Lane Promenade Pilot Program. Development of the pilot program identified the minimum necessary improvements (and the associated cost estimate) to immediately transition Free Bridge Lane from its current condition to a car-free promenade. Current tasks include development and refinement of a signage plan, collaboration with the VDOT Bicycle and Pedestrian Office to get baseline bicyclist and pedestrian count data, development of a public information campaign, and filing a land use permit with VDOT.

CDD, ACPR, FES, and the County Executive Office are jointly working to identify funding to implement the promenade pilot program in FY25.

VDOT Project Pipeline Program

VDOT's Project Pipeline program is designed to develop a steady stream – or pipeline – of high-priority projects that address identified VTrans needs and may be considered for implementation through funding programs such as Smart Scale, Revenue Sharing, and local and regional funding sources. The objective of the Project Pipeline program is to conduct studies across the Commonwealth with a focus on the priority locations and corridors that were adopted during the VTrans process.

There were kick-off meetings for two Albemarle County Project Pipeline studies on June 23, 2023. It was initially expected that both studies would be completed in time to prepare and submit applications for

the current round of Smart Scale; however, while the Barracks Road Pipeline Study was completed on schedule, the US 29-US 250/Ivy Road & Old Ivy Road Pipeline Study was delayed due to the complexity of the study. Albemarle County and the CA-MPO may consider applying for funding in the coming round of Smart Scale for projects identified through this pipeline study process.

US 29 – US 250/Ivy Road & Old Ivy Road Study: The purpose of this study is to identify project recommendations for the Route 250 (Ivy Road) corridor, including the interchange with Route 29, within Albemarle County and the City of Charlottesville. This study has focused on improving roadway safety, reducing traffic congestion, improving access, and enhancing multimodal accessibility/connectivity (pedestrian, bicyclist, and transit), including how these needs might be satisfied by facilities within the Route 601 (Old Ivy Road) corridor.

The study built upon previous study efforts for the study area led by VDOT and the localities and provided multiple opportunities for public input – including two online surveys, public meetings, and a corridor focus group. Stakeholder working group meetings were held on October 6, 2023, March 5, 2024, and June 26, 2024. An initial corridor focus group meeting was held August 21, 2023; another corridor focus group meeting to review the consultant’s initial proposed improvement concepts was held on October 23, 2023; a final corridor focus group meeting, in which the group offered feedback on “packages” of improvements prepared by the consultants, occurred on April 1, 2024.

To complete this study, Albemarle County staff and others from the stakeholder working group will collaborate with VDOT to identify a preferred package of projects along the corridor based on the study analysis data and public input from the corridor focus group and survey results.

Barracks Road (Georgetown Road to Emmett Street): This study was intended to identify projects to address transportation concerns (including pedestrian, bicycle, and transit access) along Barracks Road between Georgetown Road and Emmet Street. This study provided multiple opportunities for public input – including two surveys and public meetings. A stakeholder working group meeting was held on January 18, 2024 to review the consultant’s recommendations for improvements along the corridor. Both Albemarle County and the CA-MPO are submitting Smart Scale funding applications for projects along this corridor (See “Transportation Planning Efforts: Smart Scale 2024”).

Plank Road Through-Truck Restriction

The state of repair of the existing Plank Road bridge over Mechum’s River (just north of the intersection with Craigs Store Road) limits the weight of vehicles using the bridge to no more than 17 tons. The Virginia Department of Transportation (VDOT) has proposed improving the bridge using maintenance funds. These improvements would increase the weight limit allowed on the bridge. Residents have expressed concern that the weight limit change would result in increased use and larger truck traffic routing through Batesville. Given the condition and typical use of Plank Road, residents consider this additional truck traffic to be a safety concern.

The Board of Supervisors adopted a resolution at their September 6, 2023 meeting to formally request VDOT restrict through truck traffic on Plank Road between US 29 and US 250. The local VDOT office then completed a study, which recommends approval of the through-truck restriction. VDOT held a 30-day public comment period beginning in January, and they reached out to the Trucking Association for comment. On July 2 the County was informed that the Commissioner of VDOT had approved the

Through-truck Restriction and the VDOT Residency was working to order and install the signage to begin implement the restriction.

Safe Routes to School

Transportation Planning staff, in collaboration with Albemarle County Public Schools, was awarded a Safe Routes to School (SRTS) Walkabout Mini-grant for Woodbrook Elementary. The purpose of this grant was to invite stakeholders to walk around the school and experience current biking/walking conditions, share different perspectives, and identify potential solutions. Upon receiving the final report, staff from CDD, Albemarle County Schools, and VDOT met to discuss feasibility of implementing some short-term recommendations for a future school year.

With CDD's support, Albemarle County Schools applied for another Walkabout Mini-grant for Brownsville/Henley this past fall, but the application was unsuccessful. Staff are considering re-applying for the mini-grant for Brownsville/Henley this fall.

FY24-29 Secondary Six Year Plan (SSYP)

The SSYP allocates funding for the construction, maintenance, and improvement of roads in the state secondary system – including the hard surfacing of unpaved roads. The SSYP identifies the Telefee and Unpaved District Grant funds for Albemarle County for the upcoming fiscal year and projects allocations of these funds for the following five fiscal years. The SSYP is updated and approved by the Board of Supervisors annually.

Staff has received the list of roads requested to be paved with the Rural Rustic Roads program in the FY 25-30 SSYP, which includes: Glendower Road, Burton Road, Burton Lane, Starlight Road, Henderson Lane, and Blair Park Road. Glendower Road and Henderson Lane received enough votes and Board approval to move forward with paving. Stony Point Pass was approved for paving in the previous year's list, however, a 0.2-mile stretch was not paved due to adjacent conditions. The Board approved the allocation of additional funds in this cycle to fund needed improvements to allow for paving of this short Stony Point Pass segment.

Albemarle County Transportation Priorities

Staff are preparing an update of the Albemarle County Transportation Priorities list, which was last updated in 2019. Staff led a work session at the October 4, 2023, Board of Supervisors meeting to present the ranking methodology, as well as the draft rankings. Following feedback from the Board of Supervisors, staff will prepare final project rankings and present them to the Board before the end of the calendar year.

Comprehensive Plan (AC44) – Transportation Element

As part of the Comprehensive Plan update (AC44), staff are using population data, job counts, land use information, the Master Plans, and public input to identify important activity centers in the Development Areas and, subsequently, how to facilitate movement through and between those centers for individuals of all ages and abilities, no matter the travel mode they choose. Both urban and rural transportation will be considered in developing a multimodal transportation system for Albemarle County, as rural community members frequently travel to and through these activity centers. Transportation planning staff and long-range planning staff are collaborating on the background work

necessary for this planning effort, such as drafting the Transportation element with objectives and actions and reviewing/drafting the Multimodal Plan.

The Board of Supervisors reviewed and offered feedback on the Rural Area and Development Area Transportation Goals and Objectives at their March 20, 2024, meeting. This direction is being incorporated into the updated Transportation element. Additional information is available on the AC44 project website at engage.albemarle.org/ac44. Revised recommendations will be shared in the coming months.

Moving Toward 2050

Moving Toward 2050 is the Charlottesville-Albemarle Metropolitan Planning Organization's Long Range Transportation Plan (LRTP). The LRTP is federally required and covers the City of Charlottesville and urbanized portions of Albemarle County. This plan considers possible infrastructure improvements and establishes priorities to implement projects based on anticipated funding.

Albemarle County supported public outreach for the LRTP by participating in virtual and in-person public meetings on June 20 and June 21, 2023, as well as sharing information about an online public survey in late summer 2023. Albemarle County continues to support the LRTP process through decision-making in the MPO Technical Committee and providing analysis of County-related data. County staff also reviewed LRTP drafts and provided detailed edits to the document.

The MPO Technical Committee recommended approval of the LRTP, and the MPO Policy Board adopted the plan at the May 21, 2024, meeting. The plan can be found on the CA-MPO website at <https://campo.tjpcdc.org/process-documents/lrtp/2050-lrtp/>.

Transportation Project Construction

Projects currently in design and/or under construction are listed and described below. Timelines for public hearings (when relevant) and expected construction beginning and completion dates (when available) are listed for each project. Projects that are administered by VDOT are listed first; projects that are administered by Albemarle County are in the following grouping. Projects funded by Smart Scale are identified by the notation (Smart) following the project information. Projects funded by Revenue Sharing are identified by (RS); projects funded by Transportation Alternatives are identified by (TA); projects funded by the Highway Safety Improvement Program are identified by (HSIP); projects funded by Albemarle County's Capital Improvement Program are identified by (CIP).

VDOT Administered

In Design

#14. Rio Road/John Warner Parkway Intersection Improvements: This project will construct a roundabout to address identified traffic issues at the intersection and improve pedestrian and bike facilities. Albemarle County committed \$2 million to this project.

This project has been fast-tracked by VDOT and incorporated into the Albemarle Design-Build Bundle #2. Two public hearings for this project were held in late September 2023 (at the National Guard Armory and at The Center at Belvedere), and construction is expected in early 2025. **(Smart)**

#17. Belvedere Boulevard/Rio Road Intersection Improvements: This project would install a continuous green-T intersection treatment. With the continuous green-T, vehicles traveling along Rio Road would continue through the intersection without stopping. Vehicles turning left onto Rio Road from Belvedere Boulevard would use a channelized receiving lane on Rio Road to merge onto Rio Road eastbound. It is still to be determined whether this intersection treatment will be signalized. This project may include an at-grade pedestrian crossing of Belvedere.

This project has been fast-tracked by VDOT and incorporated into the Albemarle Design-Build Bundle #2. Two public hearings for this project were held in late September (at the National Guard Armory and at The Center at Belvedere), and construction is expected in early 2025.

(Smart)

#15. Route 20/Route 53 Intersection Improvements: This project will convert the intersection into a roundabout and include bicycle and pedestrian accommodations. Albemarle County committed \$1 million to this project.

This project has been fast-tracked by VDOT and incorporated into the Albemarle Design-Build Bundle #2. Two public hearings for this project were held in late September 2023 (at the National Guard Armory and at The Center at Belvedere), and construction is expected in early 2025. **(Smart)**

#7. Old Lynchburg Road/5th Street Extended Intersection Improvements: This project will address failing operations at the entrance to the County Office Building on 5th St with a roundabout that includes pedestrian crosswalks. Albemarle County committed \$2 million to this project.

This project has been fast-tracked by VDOT and incorporated into the Albemarle Design-Build Bundle #2. Two public hearings for this project were held in late September 2023 (at the National Guard Armory and at The Center at Belvedere), and construction is expected in early 2025. **(Smart)**

N/A. Rt 240/US 250/680 Intersection Improvements: This project will construct a roundabout at the 3-way intersection of Rt 240, Rt 250, and 680.

This project has been incorporated into the Albemarle Design-Build Bundle #2. Two public hearings for this project were held in late September 2023 (at the National Guard Armory and at The Center at Belvedere), and construction is expected in early 2025. **(HSIP)**

#82 I-64/Exit 107 Crozet Park and Ride Lot: This project will construct a park and ride lot at the corner of Patterson Mill Lane and US 250 just south of the I-64 interchange. This lot could potentially be served by both the Crozet Connect and the proposed Afton Express transit lines.

A public hearing for this project was held in late January 2024. Construction is expected in Summer 2025. **(Smart)**

#35 US 29 Shared Use Path (Seminole Lane North to Carrsbrook Drive): This project will construct a shared-use path on the east side of US 29 from Seminole Lane to Carrsbrook Drive.

Construction is expected in Spring 2026. **(Smart)**

#6. Fontaine Avenue/29 Bypass Displaced Left-turn: This project will signalize ramps at Fontaine, close the current left-turn movement from northbound Rt 29 to westbound I-64, and construct a shared use path. This project does not include the construction of a loop near the intersection of Ray C Hunt and Fontaine.

A public hearing is expected in Fall 2024, and construction is expected in early 2026, although this schedule may be delayed due to design changes (from the partially displaced left-turn to the design described above). See page six for additional information. **(Smart)**

N/A. Fifth Street Hub and Trails: This project will complete a shared use path that connects a commercial space adjacent to Fifth Street to the Fifth Street Station shopping center. This trail would be the first of a planned network of trails in the area to connect pedestrians and bicyclists to commercial and recreational amenities. VDOT has organized a staff-level stakeholder committee to assist in the development of this project; they met in February 2023 and again in July 2023.

A public hearing was held in late 2023, and construction is expected in Fall 2026. **(Smart)**

#2 Route 250 East Corridor Improvements: This project will close the center turn lane with a median between the Rt 20 intersection and Rolkin Rd with potential breaks at Hansen Rd, Town & Country Ln, and People Place for limited movements and additional right-turn lanes as necessary. Sidewalk gaps will also be addressed. Albemarle County committed \$2 million to this project.

VDOT has bundled this project with Intersection Improvements at Route 20/US 250 to maximize cost efficiencies and minimize disruptions to US 250 corridor users. A public hearing is expected in Summer 2024, and construction is expected in Fall 2027. **(Smart)**

#3. Intersection Improvements at Route 20/US 250 in Pantops: The project will rebuild the traffic signal, add additional turn lanes and reallocate other lanes, add a pedestrian crossing of US 250 and crossings of Route 20 and Riverbend Drive, close existing sidewalk gaps approaching the intersection, and update all pedestrian curb ramps in the VDOT right-of-way.

VDOT has bundled this project with Route 250 East Corridor Improvements to maximize cost efficiencies and minimize disruptions to US 250 corridor users. A public hearing is expected in Summer 2024, and construction is expected in Fall 2027. **(Smart)**

#1. Hydraulic Road/District Avenue Roundabout: This is a proposed roundabout at the intersection of Hydraulic Road and District Avenue near Stonefield shopping center. This project was part of a previous and more comprehensive Smart Scale application for the U.S. 29 and Hydraulic Road intersection. This was recommended as part of the Hydraulic/29 Small Area Plan and is identified as a priority project in CAMPO's Long-Range Transportation Plan. A Citizen Information Meeting will be held in June 2024, and construction is expected in Fall 2028. **(Smart)**

#10. Avon Street Corridor Bicycle and Pedestrian Improvements: Druid Avenue to Avon Court: The project will develop a package of multimodal transportation improvements along Avon Street between Druid Ave and Avon Court. Improvements include bicycle and pedestrian

facilities, road widening on the west side of Avon Street, undergrounding a drain and improvement to stormwater retention. A public hearing is expected in Spring 2026, and construction is expected in Spring 2029. **(Smart)**

#8. Eastern Ave South (US 250 across Lickinghole Creek to Cory Farms Road): See detailed description in the “Revenue Sharing 2023” section.

#5. Berkmar Drive to Lewis & Clark Drive (Hollymead Town Center to Airport Road): See detailed description in the “Revenue Sharing 2023” section.

In Construction

#1. Hydraulic/29 Intersection Improvements: The major features of this project include removal of the left-turns from Hydraulic to US 29, a pedestrian bridge over US 29, a new transit station, and a roundabout at the Hydraulic/Hillsdale intersection.

Due to changes in how VDOT compensates property owners for project impacts, the overall cost of this project (and most other Smart Scale projects) now exceeds the original project budget. To reduce overall project cost, the Charlottesville-Albemarle Metropolitan Planning Organization Policy Board voted to remove the continuous green T at Angus Road from the project package.

VDOT hosted a public hearing in late May 2022 showing initial design concepts for project features. Construction began in early 2024. Construction of the pedestrian bridge will likely be in Spring 2024 and the Hillsdale/Hydraulic roundabout will likely be in Summer 2025. **(Smart)**

N/A. Route 151/US 250 Roundabout: This project is expected to be complete in Spring 2024. VDOT is using HSIP funds to build a Truck Arrestor Ramp (TAR) west of the roundabout. The TAR was deemed necessary for safety purposes, given nearly three miles of 8% grade west of the intersection. **(Smart, HSIP)**

Albemarle County Administered

In Design

N/A. Library Avenue Extension/ Barnes Lumber Redevelopment – Design for this project is underway, and the project is expected to be complete by Summer 2026. Facilities Planning & Construction will provide further updates in their upcoming quarterly report. **(NIFI)**

N/A. Crozet Square – Design for this project is underway, and the project is expected to be complete by Summer 2025. Facilities Planning & Construction will provide further updates in their upcoming quarterly report. **(NIFI)**

N/A. Commonwealth Dr./Dominion Dr. Pedestrian Improvements – See detailed description in the “Revenue Sharing 2023” section. Facilities Planning & Construction will provide further updates in their upcoming quarterly report. **(RS)**

#26. Old Lynchburg Road Bicycle and Pedestrian Improvements – This project would construct an enhanced sidewalk and multiple crosswalks along Old Lynchburg Road between Timberland Park Apartments and the Rivanna Trail trailhead south of Azalea Park to improve pedestrian safety and mobility. This project would include a crosswalk across Old Lynchburg Road (the Apartments are on the west side of the roadway and the park is on the east side). Funding to

complete design has been identified. Facilities Planning & Construction will provide further updates in their upcoming quarterly report. **(CIP)**

#62. Berkmar Drive Bicycle and Pedestrian Improvements – See detailed description in the “Revenue Sharing 2023” section. Facilities Planning & Construction will provide further updates in their upcoming quarterly report. **(RS)**

In Construction

N/A

Transit

Regional Transit Partnership and Transit Governance Study

Staff attended the April and June monthly meetings (no meeting was held in May) of the Regional Transit Partnership, hosted by the Thomas Jefferson Planning District Commission. Highlights from the meetings included presentations on Charlottesville Area Transit’s Transit Strategic Plan (TSP), CAT and Jaunt’s budgets, and an update from the CARTA work group – including a presentation of draft bylaws for a future transit authority. Transit providers and TJPDC staff provided regular updates at each meeting.

Transit Stop Improvements

Staff continue to work with Charlottesville Area Transit and stakeholders to make improvements to transit stops throughout Albemarle County. Improvements include the installation of shelters, benches or other seating, and/or minor alterations to routing or stop locations that are intended to improve safety and/or convenience for transit users. Transit stop improvement efforts may be coordinated with other transportation planning/construction projects – such as improvements to Commonwealth Drive transit stops. Additionally, transit stop improvement efforts may be coordinated with proposed development that can offer additional stop locations or amenities.

Transit stop improvements may also be coordinated with the “Sense of Place” project – spearheaded and led by Supervisor McKeel – to bring public art to select transit stops in the County. The Sense of Place Working Group resumed with a meeting on August 7, 2023. Additional meetings were held on October 30, 2023, February 23, 2024, and June 4, 2024. The results of the working group’s efforts include a new collaboration between the City of Charlottesville/Charlottesville Area Transit, Albemarle County, and The Bridge Progressive Arts Initiative. This collaboration aims to utilize approximately \$12,000 annually (including a \$4,000 annual commitment from Albemarle County) to install artwork at two new locations (one in the City and one in Albemarle County) each year. The first County location for the art installation will be at Stonefield, where a transit shelter has already been constructed; the art installation is expected to occur in 2024. The second County location is expected to be Northside Library, where a transit shelter has yet to be constructed; the art installation is expected to occur in 2025. Additional sites for art installation beyond 2025 are being prioritized based on ridership.

Microtransit Service

CAT has been operating MicroCat, a microtransit service throughout the Places 29 and Pantops Development Areas, since October 30th, 2023. The service is funded through a pilot program grant from the Department of Rail and Public Transit and County a County local match for two years. CAT has

contracted with Via as a turn-key transit provider for this service. Since service began ridership has been steadily increasing each month. The County, VIA, and CAT have been meeting regularly to review operations and plan for potential future expansions of the service into the City. Conversations have also been held with the University of Virginia to explore potential expansion into the University area.

Development Projects

Transportation staff reviews and comments on transportation issues related to pre-application meetings and projects submitted for Zoning Map Amendments, Special Use Permits, and Site Development Plans. Transportation staff's role is to review the Traffic Impact Assessment (TIA) or other transportation information and assist the lead reviewer or engineer in the development and scoping of traffic studies and review of plans/plats for transportation and mobility issues such as transit, pedestrian access and interconnectivity. Major projects reviewed/discussed this quarter include:

- Oak Bluff Rezoning and TIA – Rezoning proposal of both single-family attached and detached, which includes the parcels south of Westhall Dr and west of Jonna Street. This proposal would be completed in two phases, with the phase north of Lickinghole Creek being Phase 1. This project also falls in the current alignment of the proposed Eastern Avenue Connector Road and bridge.
- North Pointe Rezoning and TIA – Rezoning proposal in the northern part of the Places 29 Development Area across US 29 from North Fork. This would amend a Rezoning to remove some commercial square footage and add residential units.
- Seig Property Rezoning and TIA – Rezoning proposal for a mixed-use development including 1,100 residential units, 300,000 square feet of non-residential uses located on the southwest quadrant of I-64 and US 29.
- Granger Development Rezoning and TIA – this development would provide a mix of housing types (up to 200 units or 6 DUA) and public amenity spaces, as well as greenway and trailway connections off Sunset Dr. Recommended for approval by the Planning Commission on May 14. Board of Supervisors Public Hearing scheduled for August 7.
- Belvedere Rezoning and Site Development Plan for Phase IV – Rezoning to amend proffers from Belvedere Neighborhood Model District and develop the Phase IV by-right section for residential uses.

Reported Transportation Issues

Staff has been engaged in addressing local concerns related to a variety of transportation issues. Staff has instituted a documentation process to track these ongoing issues and keep a record of these concerns. This includes collecting relevant data and reporting through proper channels as appropriate. A tracking list of these concerns/issues has been developed and is reviewed and presented at monthly traffic coordination meetings with VDOT, Albemarle County Police Department, and other agencies. Following is a list of the primary issues staff has been working on in this quarter.

A note that as of March 2024, all speeding concerns will be directed to ACPD using their website: [Have a traffic safety concern? | Albemarle County, VA](#). Speeding complaints will no longer be documented by CDD unless ACPD finds a significant speeding concern, in which case CDD, ACPD, and VDOT will follow the approved process to pursue potential traffic calming solutions.

- **Requests for sidewalks/pedestrian infrastructure:** Park Road (to access Crozet Park),
- **Safety concerns:** Dauphin Lane, Sam's Club entrance along Berkmar Drive, intersection of Milton Road and Milton Hills Drive, intersection of Library Ave and Crozet Ave, intersection of Warren Ferry Road and James River Road, Reynovia subdivision
- **Maintenance concerns:** Hillsboro Lane, North Hill Road, Dunwood Drive