

Transportation Planning Quarterly Report

April 2022

Administrative Activities

- Attended Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) Tech Committee and Policy Board meetings in January and March
- Attended Thomas Jefferson Planning District Commission (TJPDC) Rural Transportation Technical Advisory Committee meeting in January and March
- Attended monthly Virginia Department of Transportation (VDOT)-County Transportation Meetings
- Presented Annual Transportation Update at CAC meetings in March
- At their October meeting, the Commonwealth Transportation Board (CTB) approved the designation of Route 240 (from the intersection with Route 250 to Route 810 in Crozet) and Route 810 (from the intersection with Route 240 and Route 788 to the Greene County line) as Virginia Byways. VDOT is in the process of installing byway signage every five miles, as well as entering/leaving byway signage.
- Entrance Corridor fixes – Requested changes to the functional classification system on five highway segments in the County were submitted to VDOT and FHWA in August 2021. These changes were to address inconsistencies between the current classification and the function of the roadways in the system while also allowing them to be regulated as Entrance Corridors by Albemarle County.

Albemarle County Transportation Priorities

County staff works to advance the projects on the Albemarle County Transportation Priorities list through planning, funding, design and engineering, construction, or implementation of the project. The typical methods to advance these projects are through the biennial grant programs administered by the State and Federal transportation Agencies such as Smart Scale, Revenue Sharing, and Transportation Alternatives, among others. Local sources of funding are available for any phase of a project, primarily through the Albemarle County Capital Improvement Program.

Following is an update on funding programs and information. (Numbers represent ranking on Albemarle County Transportation Priorities List 2019)

Smart Scale

2022 Applications

Staff continues to work with the CA-MPO, the TJPDC, and VDOT to develop projects for potential 2022 Smart Scale applications. The following projects have been recommended by the CA-MPO Policy Board for submission for this upcoming Smart Scale round. Stakeholder meetings for the Rivanna River Bike and Pedestrian Bridge project began in November 2021 and will continue until a wrap-up meeting is held in April.

Pre-applications for Smart Scale projects were due on March 31st. County staff joined VDOT, CA-MPO, and City of Charlottesville staff for a public meeting to discuss the Rivanna River Bike and Pedestrian Bridge pre-application on the evening of February 22nd. County staff again joined VDOT, CA-MPO, and City staff for a public meeting on the evening of February 28th to discuss all other pre-applications for the County, City, MPO, and PDC.

Final applications will be due on August 1st.

#1. District Avenue Roundabout – This project was initially a component of the recommended Hydraulic/29 Intersection Improvements package, which failed to get funding in 2018 Smart Scale application. It was removed from the 2020 application but is now recommended for a 2022 Smart Scale application by the CA-MPO.

N/A. Rivanna River Bike and Pedestrian Bridge: South Pantops to Woolen Mills – The Rivanna River bike and pedestrian bridge was a priority recommendation from the Jefferson Area Bicycle and Pedestrian Plan and is identified in the Rivanna River Corridor Plan, Pantops Master Plan, and others. VDOT performed an evaluation on potential locations for this bridge in 2020 and focused in on two locations in the Woolen Mills/Riverview Park/State Farm/Martha Jefferson area. The Charlottesville-Albemarle MPO has recommended an application for this project in the upcoming Smart Scale round. Additional planning and conceptual design by VDOT will be necessary. CA-MPO staff have begun facilitating monthly stakeholder meetings on this project; the stakeholder group membership was approved by the CA-MPO Policy Board.

#10. Avon Street Corridor Bicycle and Pedestrian Improvements – The recently completed Avon Street RE(Vision) Study, as well as the City of Charlottesville Bicycle & Pedestrian Plan, and the most recent Long Range Transportation Plan identify a need for improved bicycle and pedestrian infrastructure along this developing corridor, which includes access to 5th Street Station. The Charlottesville-Albemarle MPO has recommended an application for this project in the upcoming Smart Scale round. The application will likely focus on bicycle and pedestrian improvements along Avon between Druid Avenue and the Avon Court Park & Ride. It should be noted that Albemarle County submitted a pre-application for another Avon Street Corridor project (south of I-64) – the County application is described in greater detail in the next section.

#19. 5th Street Extended Multimodal Improvements – This project would extend bicycle and pedestrian infrastructure from the recently approved 5th Street Hub and Trails project north to Harris Road; the project would also address the intersection of 5th Street and 5th Street Station Parkway. It should be noted that Albemarle County submitted a pre-application for another 5th Street Extended project (further south) – the County application is described in greater detail in the next section. Furthermore, the City of Charlottesville also submitted a pre-application for a project further north along 5th Street.

The following projects have been submitted as 2022 Smart Scale pre-applications by Albemarle County, with assistance from VDOT.

#10. Avon Street Bicycle and Pedestrian Improvements – Mill Creek Drive to Peregory Lane: This project is a segment of a recommendation from the Southern Areas Master Plan, the top priority recommendation from the Avon Street Corridor Study, and a proposal from the Quality-of-Life program. The recommendation is to construct a shared-use path adjacent to Avon St on the west side of the road from Mill Creek Drive to Peregory Lane. It includes a pedestrian crossing of Avon Street near the Lakeside Apartments. This project was initially submitted as a pre-application for the current round of Revenue Sharing; however, limited availability of revenue sharing funds caused staff to evaluate this project for a potential Smart Scale application instead.

#17. Belvedere Boulevard/Rio Road Intersection Improvement – The Rio Corridor Study evaluated the Belvedere/Rio intersection and recommended a continuous green-T 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. No turning movements are restricted, such that

vehicles traveling on Rio Road could make right or left turns onto Belvedere Boulevard and vehicles on Belvedere Boulevard could turn right or left onto Rio Road. It is still to be determined whether this intersection treatment will be signalized. Traffic from westbound Rio to the church located on the south side of Rio Road would utilize a U-turn location at Greenbrier Terrace.

#19. 5th Street Extended Bicycle and Pedestrian Improvements – Recommendations from the recently completed 5th St STARS Study included bicycle and pedestrian improvements along the entire corridor. Ongoing development in the corridor is exacerbating the need for more multi-modal connectivity. This proposal is to extend the shared-use path proposed by the ABC development to the north and south to create a continuous facility on the west side of 5th Street/Old Lynchburg Road from Ambrose Commons to Afton Pond Court (Stagecoach Rd). A two-stage pedestrian crossing at Hickory St is being explored. The project would include a road diet (single lane for each travel direction and a center turn lane) from the previously funded roundabout at the Old Lynchburg/5th Street/County Office Building intersection to Ambrose commons.

N/A. Old Trail Drive/US 250 West Intersection Improvements – The nearby Crozet Avenue/US 250 West intersection was prioritized in the Albemarle County Transportation Priorities List 2019 as #21; however, it should be noted that this priority ranking was set prior to the Crozet Area Transportation Study, which showed that the more serious issue in this segment of 250 is at the intersection with Old Trail Drive. This pre-application proposes a roundabout at the Old Trail Drive/250 intersection with pedestrian accommodations, particularly for the pedestrian movement across 250.

The following projects have been submitted as 2022 Smart Scale pre-applications by the TJPDC on Albemarle County's behalf, with assistance from VDOT. It should be noted that while five pre-applications may be submitted, ultimately, only four final applications may be submitted by the TJPDC on our behalf. County staff have requested five pre-applications, as further VDOT review of the proposed improvements for these sites will give us better information about project efficacy, impact, and estimated cost. Once we have that information, the County can make a more informed decision regarding which four projects to prioritize for this round of Smart Scale applications and which one project to hold for a future funding opportunity.

#9. US 250/Rolkin Road Pedestrian Improvements: This project was identified as part of the VDOT Project Pipeline process. The project would be composed of two main project elements: 1) An at-grade pedestrian crossing for all legs of the 250/Rolkin Road intersection; and, 2) Continuation of the sidewalk on the southern side of 250 (that currently ends at Rolkin Road) to State Farm Boulevard.

N/A. US 250/Peter Jefferson Parkway Intersection Improvements and Access Management: This project was identified as part of the VDOT Project Pipeline process. The project would have four main elements: 1) Add a right-turn only for eastbound traffic on 250 (turning right onto Peter Jefferson Parkway) to reduce rear-end crashes at this intersection; the existing shared right-turn/thru-lane should be converted to thru-only; and, 2) 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; and, 3) Construct a new park and ride lot on the northwest corner of the 250/Peter Jefferson Parkway intersection; and, 4) Complete the median between Pantops Mountain Road and Peter Jefferson Parkway – this access management treatment is intended to improve safety and reduce delay. This application may include at-grade pedestrian crossings of 250 at Pantops Mountain Road and/or Peter Jefferson Parkway.

#16. US 250 West/US 29 Bypass Interchange: The interchange ramps at Ivy Rd (US 250) and the US 29 Bypass were identified in the US 250 West STARS Study as a high priority location for improvements to address safety and congestion issues in this critical regional corridor. It was also acknowledged that

issues at these interchange ramps were tied to the US 250/Old Garth/Canterbury intersection. VDOT is currently evaluating this segment to identify potential solutions for the pre-application.

#39. US 250/Louisa Road (Route 22) Intersection Improvements: This project was identified as part of the VDOT Project Pipeline process. The project would result in a displaced left-turn for traffic traveling east on 250 and turning north onto Louisa Road. The intersection is likely to be signalized.

N/A. US 250/Milton Road Intersection Improvements: This project was identified as part of the VDOT Project Pipeline process. The project would construct a roundabout at this intersection.

2020 Applications

The Smart Scale Projects submitted in 2020 and were approved with the Six-Year Improvement Program at the Commonwealth Transportation Board in July 2021 are listed below.

The Old Lynchburg/5th Street Extended Intersection Improvements, Rio Road/John Warner Parkway Intersection Improvements, Route 20/Route 53 Intersection Improvements, and Route 250 East Corridor Improvements projects are being fast-tracked by VDOT. As part of our applications, Albemarle County committed funding to these four projects, and on February 16th, the Board of Supervisors confirmed that the County would pay a total of \$5 million to VDOT in FY 23 and \$2 million in FY25 to leverage approximately \$25.8 million in State funding for the design/engineering, right-of-way acquisition, and construction of all four projects.

#2. Route 250 East Corridor Improvements (Route 20 to Hansen Road): 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. This project has been fast-tracked by VDOT. Albemarle County has committed \$2 million to this project. Design is expected to begin in FY25.

#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 including pedestrian crosswalks. This project has been fast-tracked by VDOT. Albemarle County has committed \$2 million to this project. Design is expected to begin in FY23.

#15. Route 20/Route 53 Intersection Improvements: This project will convert this intersection into a roundabout and include bicycle and pedestrian accommodations. This project has been fast-tracked by VDOT. Albemarle County has committed \$1 million to this project. Design is expected to begin in FY23.

#14. Rio Road/John Warner Parkway Intersection Improvements: This project will construct a roundabout to address identified traffic issues at this intersection and improve pedestrian and bike facilities. This project has been fast-tracked by VDOT. Albemarle County has committed \$2 million to this project. Design is expected to begin in FY23.

The following projects were also submitted at Smart Scale applications in 2020, and they were awarded funding by VDOT; however, they have not been fast-tracked. These projects are expected to follow the original schedule.

#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, a protected left turn lane from Angus Rd, and a Roundabout at the Hydraulic/Hillsdale intersection.

#6. Fontaine Avenue/29 Bypass Displaced Left-turn: This project will reconstruct the existing traditional unsignalized diamond interchange to a partially displaced left-turn intersection also accommodating U-turns that would allow closure of the current left turn movement from northbound Rt 29 to westbound I-64. A Shared-use Path is proposed through the segment as well.

#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.

#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.

2018 Applications

One project was funded in Albemarle County in the 3rd Round of Smart Scale.

#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, and close existing sidewalk gaps approaching the intersection. The project is currently in the design phase with expected construction in the 2025-2026 timeframe.

Revenue Sharing

2021 Applications

Staff submitted the following application for Revenue Sharing on October 1st. We will learn if the application is successful later this spring when VDOT releases the draft Six Year Plan.

#8. Eastern Ave South (US 250 across Lickinghole Creek to Cory Farms Road): This project was evaluated through an alignment study and conceptual design, which was funded through the Transportation Leveraging Fund in the Capital Improvement Program (CIP). The result of this study, which produced 30% level design drawings and a conceptual cost estimate, was included in the Revenue Sharing application. The alignment report was presented to the Board in January and the preferred alignment was selected. Additional funding from the Transportation Leveraging Fund was allocated to this project for a geotechnical survey, which is currently underway; the report from that study will be available in late April.

2019 Applications

#5. Berkmar Drive to Lewis & Clark Drive (Hollymead Town Center to Airport Road): 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. Previous funding has already initiated design; construction is anticipated for 2025. Total project cost is ~\$11MM with ~\$5MM local funding. A project kick-off meeting was held with the design team, VDOT, and Albemarle County staff. This project is being administered by VDOT.

2017 Applications

Commonwealth Dr./Dominion Dr. Pedestrian Improvements – This project will construct sidewalk segments to prioritize transit connectivity on Commonwealth Dr from Hydraulic Rd to Dominion Dr and along Dominion Dr from Commonwealth Dr to Rt 29. This project is being administered by Facilities Planning & Construction; they will present an update on this project to the Board of Supervisors at the April 6th, 2022 meeting.

Crozet Square – This project will reconstruct Crozet Square and Oak St to improve traffic flow and parking. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Library Avenue Extension – Staff has been working closely with the private developer designing this project and VDOT through the engineering and design phase. This has involved numerous public and

project team meetings to determine design requirements that meet VDOT standards. This project is being administered by Facilities Planning & Construction; they will present an update on this project to the Board of Supervisors at the April 20th, 2022 meeting.

Berkmar Drive Bicycle and Pedestrian Improvements – This project, will extend the shared-use path on Berkmar Dr from Hilton Heights Rd to just south of Woodbrook Dr. A second segment of this project, funded through the Quality-of-Life effort, would extend it to Rio Rd. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Albemarle County FY 23-28 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. Staff presented the FY23-28 SSYP update and the Albemarle County Priority List for Secondary Road Improvements – Unpaved Roads to the Board of Supervisors at their March 16th, 2022 meeting; a public meeting will be held on May 18th, 2022, when the Board of Supervisors will be asked to approve the update and priority list.

Major Planning Efforts

Route 29 North Corridor Study

Staff has worked for several months with VDOT, the TJPDC, and Greene County on an evaluation of the 29 Corridor from Airport Road north to Deerfield Drive in Greene County. The purpose of this study is to identify safety and operational improvements for the corridor. A Kick-off Meeting, three Stakeholder Meetings, and the first of two public meetings have been held. The consultant completed a technical memo that reviews existing conditions for the corridor and presented preliminary design alternatives for high-priority intersections. At the time of this writing, the consultant has stated an intention to review recommendations with County staff in late March. A second public meeting will be held in May. The estimated completion date for this study is June 2022.

Rio Corridor Study

Staff continue to work with the consultant on this corridor study. The initial extent of the project was from US 29 to John Warner Parkway. A second phase was approved in 2021 to extend the proposal south on Rio Road to the City line. The initial public meetings to discuss Phase 1 of the project and gather feedback were held in March; additional public input opportunities included three community pop-up meetings and engagement on the project website. A Phase 2 Kick-off meeting was held in December with the Rio CAC. At the time of this writing, it is expected that the consultant will have shared Phase 2 recommendations for review by County staff.

Multimodal Transportation Plan

Staff continue to refine a scope of work for a multimodal transportation plan that will be included within the upcoming update to the Comprehensive Plan. The Multimodal Transportation Plan will use population data, land use information, and public input to identify important activity centers throughout the county 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 areas of Albemarle County will be considered in the Multimodal Transportation Plan.

Earlsville/Reas Ford Intersection Improvements

This item will be discussed in a separate executive summary and presentation to the Board of Supervisors at the April 6th, 2022 meeting.

VDOT Project Pipeline Studies

VDOT is proactively identifying potential Smart Scale projects throughout the Commonwealth using the Project Pipeline process. The scope for the project pipeline studies are to assess corridor congestion, analyze safety performance, identify opportunities for improvement, and develop preliminary alternatives based on existing conditions and needs.

Albemarle County has two study areas currently in this process: 1) Pantops – US 250 between Hansen Road and Hansen Mountain Road, and 2) Shadwell – intersection of US 250 and Route 22/Louisa Rd. VDOT-hired consultants have held four stakeholder meetings for these study areas and conducted an online public survey. Staff worked with VDOT to bundle the consultants' recommendations for Smart Scale pre-applications, described earlier in this document.

Public Transit Program

Regional Transit Partnership and Regional Transit Vision Plan

Staff attend the monthly meetings of the Regional Transit Partnership, hosted by the Thomas Jefferson Planning District Commission. One significant topic currently underway through the partnership is the Regional Transit Vision Plan, a partially grant-funded effort to collaboratively develop a clear vision for the future of transit in the region. Since the last update, TJPDC staff have identified the need for a governance study to investigate potential collaboration and funding options to help realize the recommendations being made within the Regional Transit Vision Plan. At their 1/19/22 meeting, the Board of Supervisors endorsed the TJPDC's grant application for a governance study and committed local match, should the application be successful. Subsequently, TJPDC staff shared an RFP for consultants for the governance study; they then met with other stakeholders to review submitted proposals and selected AECOM to complete the study, contingent upon grant award. The Regional Transit Vision Plan process is expected to conclude in June of this year.

Transit Stop Improvements

Staff have been working with CAT and stakeholders to make improvements at select transit stops around the County. Improvements include installation of benches or other seating, shelters, or minor alterations in the routing or stop locations to improve safety, convenience, or circulation. Much of this work is also being coordinated with proposed developments that can offer stop locations or amenities.

Additionally, staff have continued to work on the "Sense of Place" project – spearheaded and led by Supervisor McKeel – to bring public art, along with amenities such as transit shelters – to select transit stops in Albemarle County. Construction of the first Sense of Place location is expected to be complete this April. Investigation of the Northside Library as a second Sense of Place location continues. Meetings of the Sense of Place Working Group, which will help manage the logistics of identifying, installing, and maintaining the art at all Sense of Place locations are expected to resume this spring.

Albemarle County Transit Expansion Study

This study is also the result of a recent grant the TJPDC was awarded from the DRPT. This is a feasibility study and an implementation plan for expanded transit service to population and employment centers in the Pantops area, Thomas Jefferson's Monticello, and along Route 29 north between City Limits and the UVA Research Park and Rivanna Station. Since your last update, the consultants and County staff have presented

their final recommendations and cost estimates at the 1/19/22 Board of Supervisors meeting. The final recommendations specified a one-year pilot microtransit service for the Route 29 north and Pantops study areas for approximately \$1.9 million; with grant support from the Department of Rail and Public Transit, the cost of the pilot program to the County would be approximately \$380,000. County staff will learn if the grant application is successful later this spring.

Bicycle and Pedestrian Program

Staff attended the one Regional Bicycle and Pedestrian Coordination Committee meeting that was held last quarter. The committee is made up of representatives from the City, the TJPDC, and UVA, and the Mobility Alliance, which is an outgrowth of a grant received by the Piedmont Environmental Coalition and the CA-MPO. These meetings are opened to the public. At this meeting, the agenda included bike and pedestrian elements of upcoming Smart Scale projects and the continuation of One Map efforts – One Map would be a regional GIS map that includes all existing bicycle and pedestrian infrastructure within the County, City, and at UVA.

Currently Funded Projects

Old Lynchburg Road Bicycle and Pedestrian Improvements: This priority project (#26) to address connectivity issues was recommended for funding through the Board of Supervisors Quality of Life program. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Greer/Jouett Bike/Pedestrian Improvements: Funded in 2018 through Transportation Alternatives, the project would construct sidewalk and shared-use paths to connect from Hydraulic Road to Greer Elementary School. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Ivy Road (US 250) Bicycle and Pedestrian Improvements: This project will construct continuous sidewalk on the south side of Ivy Road from the City Line west to Stillfried Lane and include bike lane and curb and gutter. A crosswalk and pedestrian signals will also be installed to cross Ivy Road at the Old Ivy Road intersection. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Rio Road Pedestrian Improvements: This project will construct segments of sidewalk along Rio Road from the John Warner Parkway to Towne Lane and include a new pedestrian crosswalk and pedestrian signal at the Pen Park Road intersection. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Avon Street Pedestrian Improvements – This project will construct various segments of sidewalk on Avon Street Extended between Swan Lake Drive and Arden Drive. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

US 250 West Pedestrian Improvements – This project will construct segments of sidewalk along US 250 West in Crozet from Cory Farms Drive to Clover Lawn Lane and include a new pedestrian crosswalk and pedestrian crossing beacon near Clover Lawn Lane. This project is being administered by Facilities Planning & Construction; please see their April 2022 quarterly report for project updates.

Upcoming Bicycle and Pedestrian Planning

There are several bicycle and pedestrian projects that are in the early, conceptual planning stages. Funding for each of the following projects has been included in the recommended FY23 County budget.

Free Bridge Lane: This roadway between Darden Towe Park and 250 currently has shared use path along the west side of the unstriped roadway, but there are concerns that the shared use path is poorly defined at some parts, making it a hazard to vulnerable users. Free Bridge Lane currently sees

low traffic volumes. Future use of Free Bridge Lane includes access to a future Albemarle County park site (using proffered land just to the east of the roadway). Staff would like to have a consultant conduct a conceptual design and limited feasibility study to investigate limiting motor vehicle travel to southbound only, improving bicycle and pedestrian facilities, and addressing parking needs for the future park site. Staff have received from LPDA a cost estimate for such a design and feasibility study; LPDA would be ready to begin work once the County has identified available funding.

Route 20 Shared Use Path: Staff have begun to conceptualize a shared use path on the east side of Route 20 from Quarry Road to at least as far south as Dairy Barn Road. Challenges to this design include crossing I-64 on- and off-ramps, bridging Moore's Creek, and limited space beneath I-64. Any conceptual designs will be discussed with VDOT before additional steps are taken.

Solomon & Inglewood Pedestrian Improvements: This project would install sidewalks along Solomon Rd and Inglewood Dr between Hydraulic Road and Georgetown Rd. Early planning work would require a conceptual design that addresses the numerous driveway crossings, as well as a cost estimate that considers ROW acquisition.

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 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:

- **Barnes Lumber development and Library Ave design** – Staff continues to attend meetings with County officials, VDOT, and developers of the Barnes Lumber related to the Library Avenue Extension Project, the proposed development of the property, and necessary traffic improvements.
- **ZMA2020-5 – Old Dominion Village:** Review of the proposal to rezone this site on Route 240 in Crozet to Neighborhood Model.
- **ZMA2021-1 – Willow Glen:** Review of the residential development proposal and Transportation Impact Analysis on Dickerson Road.
- **ZMA2021-8 – Old Ivy Residences:** Review of this 225-unit residential development proposal and Transportation Impact Analysis on Old Ivy Road.
- **ZMA2021-11 – The Heritage:** Review of the residential development proposal and Transportation Impact Analysis on Rio Road.
- **ZMA2021-13 – Southwood Phase 2:** Review of the mixed-use development proposal (1,035 Units; 20K sq ft commercial) and Transportation Impact Analysis on Old Lynchburg Road.
- **ZMA2021-16 – North Fork Discovery Park:** Review of the proposal to rezone the North Fork Discovery Park to add 1,400 residential units.
- **SP2021-13 – Living Earth School:** Planning Commission recommended denial of this Children's Camp located in the Rural Area on 2021/12/14
- **ZMA2022-2 - Seig Property:** Review of the proposal to rezone this property and the accompanying TIA

Local 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 bi-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.

- Debris removal along Rt 53
- Hollymead Walk Pavement Condition
- River Run parking
- Turkey Sag Road Speeding Concerns
- 4990 Appleberry Farm Rd school bus ahead sign request
- Pen Park Rd speed study request
- Crozet ES Pedestrian Issues
- Farrow Dr speeding/traffic calming
- Rt 20 - speed limit signage/passing lanes/safety issues
- Paddock Wood Road Speeding concerns