

Albemarle County Transportation Priorities

FY19 Update

This document provides an update on Albemarle County's Transportation Priorities for FY18 in preparation for the FY19 update. This list was approved by the Board of Supervisors in 2017 and reaffirmed in 2018 to help direct staff and funding resources to appropriate projects. The methodology for prioritizing county transportation projects involved a qualitative assessment based on factors similar to the State's Smart Scale Process but also accounting for other County Strategic Goals. The list began with the previously approved Transportation Priorities List from 2016 and initial recommendations for a total of 50 projects previously identified through the Master, Comprehensive, and Long Range Planning processes.

The prioritization process rated projects based on each of the five factors as described below:

- **Safety** – Based on the VDOT Culpeper District's Potential for Safety Improvements (PSI) rankings on intersections and road segments to determine if a project would improve safety and also accounted for local reports of safety issues if not identified in the PSI rankings and concerns related to emergency access from Albemarle County Fire and Rescue;
- **Congestion** – Based on Level of Service measures from VDOT State Planning System (SPS) data, local reports of congestion issues, results of previous impact assessments and other planning studies projects. These were rated on their ability to improve throughput or reduce delay on a congested corridor;
- **Economic Development** – Based on the location of a project and the relative level of ongoing or future economic development in the vicinity, or the projects ability to enhance access to freight intensive industries, intermodal facilities, or its location on a freight route. Locations of target development sites nearby were also considered as are a projects ability to attract new economic development;
- **Accessibility** – Based on an assessment of employment density using the US Census LEHD data, existing congestion levels, density of disadvantaged populations with accessibility needs and the ability of a project to improve accessibility. Projects that included transit or other multi-modal features were rated high in this measure;
- **Land Use** – Assesses projects ability to promote multi-modal or infill development, support ongoing residential development, or supporting development located within a special planning area

First Tier Projects

These projects will be actively pursued for funding and advancement through grant applications, CIP fund requests, or planning studies to better define project or develop conceptual designs and costs.

2018 RANK	PROJECT NAME	PROJECT TYPE/ DESCRIPTION	UPDATE
1	Rt 20/US 250 Intersection improvement	Safety/ operational/ capacity improvements at Rt 20/US 250 intersection	• Submitted for Smart Scale funding in 2018 (awaiting results of scoring).

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2	Northtown Trail - From downtown C'ville to UVA Research Park	Construct unbuilt sections of multi-use trail to provide an "arterial" network route for bicyclists and pedestrians.	- Segment along Berkmar from Hilton Heights Rd south to Rio Rd was funded through Revenue Sharing in 2017. - Segment on US 29 from Carrsbrook Dr north to the Northern end of Seminole Dr was submitted for Smart Scale funding in 2018 (awaiting results of scoring). - Segment on Berkmar near Airport Rd was submitted for Smart Scale funding in 2018 (awaiting results of scoring). - Additional planning on segments within the Rio/29 Area occurred through the Small Area Plan. - Additional planning on segments occurred with developers on Belvedere, Brookhill, UVA Research Park. FY19 update will break out remaining segments of the Northtown Trail into reasonably scaled individual projects and be ranked individually.
3	Transit-Focused US 29 and US 29 BRT/Express - between Downtown C'ville & Hollymead/Piney Mtn.	Reshape US 29 to focus on BRT service, land use types, and infrastructure. Implement improved transit service in the corridor.	- Approved land use and transportation plans for Hydraulic/29 and Rio/29 identified transit centers and other considerations related to transit. - Park Connect and 29 Express busses in service. - Next steps to work with JAUNT on route/service planning and funding. FY19 update will reprioritize project.
4	Pedestrian Improvements on US 250 East - between Free Bridge and State Farm Blvd	Crosswalks, pedestrian signals, associated sidewalks/ramps/safety islands. Evaluate grade separation options	- State Farm at-grade pedestrian crossing complete. - Improved pedestrian underpass at Free Bridge is under-construction through NIFI. - Pantops Master Plan recommends a study to evaluate pedestrian crossing of US 250 at the Pantops Center and Rivanna Ridge Center. FY19 update will change project to match recommendation in Pantops Master Plan Update and reprioritize.
5	Pedestrian Crossings of US 29 North - between City limits and Timberwood Blvd.	Grade separated and at grade bike/ped options; associated pedestrian signals, sidewalks/ramps/safety islands.	- Three crossings around the Hydraulic intersection submitted for Smart Scale funding in 2018 (awaiting results of scoring). - Crossing at Rio Road complete. - Crossing at Rivanna River being planned with the Brookhill River Park. - At-grade crossing at Hollymead complete. - Rio/29 Plan recommends 2 additional crossings in the vicinity of Rio which will be prioritized in the FY19 update. Remaining proposed crossings from the Places 29 Master Plan will be reevaluated and prioritized individually in FY19 update.

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6	Berkmar to Lewis & Clark Connector - From Hollymead Town Center to Airport Road and from Innovation Dr. to Lewis & Clark Dr.	New Roadway to continue Berkmar Dr to Airport Rd and connect Innovation Dr to Lewis and Clark Drive in UVA Research Park	- Segment north of Airport Road was funded by the University and will be under construction in 2019. - Segment south of Airport Road including construction of a roundabout at Airport Rd submitted for Smart Scale funding in 2018 (awaiting results of scoring).
7	Sunset Road Improvements - From Country Green/Sunset Ave intersection to Yellowstone Dr.	Improve alignment, install C & G, bike/ped facilities	- Segment from just north of Old Lynchburg Rd to just north of Country Green Rd is under construction by private developers. Segment from just north of Country Green Rd to Yellowstone was not funded through CIP request and will be reprioritized Connection from Sunset to Fontaine as recommended in the Southern and Western Neighborhoods Master Plan will be prioritized as a separate project. Sunset Ave Bicycle and Pedestrian Bridge will be prioritized as a separate project.
8	Rt. 20 South Improvements - From City limits to Mill Creek Drive	Intersection improvements/ Bike and Pedestrian facilities/ Roadway Alignment Improvements/C & G	- Requested funding through CIP not approved - Intersection improvements (Rt 20/Rt 53) (roundabout) submitted for Smart Scale funding in 2018 (awaiting results of scoring). Remaining improvements will be broken into 3 segments, north of Rt 53 south of Rt 53, and will be reprioritized individually.
9	Berkmar Drive Bicycle and Pedestrian Improvements - From US 29 to Hilton Heights Rd	Sidewalk, bike lanes or shared use path	- Segment from approximately Rio north to Hilton Heights Dr funded through Revenue Sharing in 2017. Segment from Rio to 29 will be reprioritized as called for in the Rio/29 Small Area Plan.
10	Commonwealth Dr/Dominion Dr Pedestrian Improvements - Commonwealth Cir to Dominion Dr/Commonwealth Dr to Rt 29	Pedestrian Improvements	- Funded through Revenue Sharing in 2017. Will be removed from Priority List.
11	Library Avenue - Current stub out to Eastern Avenue.	New road construction with future developments; bike lanes and sidewalks.	- Crozet Square, Oak Street, and connection from Library Ave to Hilltop St (Parkside Village) funded through Revenue Sharing in 2017. - Connection from Hilltop St (Parkside Village) to Eastern Ave under construction by private developer. Will be removed from Priority List.

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12	Eastern Ave. - From US 250 across Lickinghole Crk to existing stub out	New road segment to improve local road network capacity and accessibility; bike lanes and sidewalks.	- Segment from Park Ridge Rd to Jonna St under construction by private developer. - Segment from Jonna St to Westhall Dr complete. - Requested funding for remaining segments through CIP not approved. North and south segments will be separated and reprioritized for FY19 update.
13	Greer/Jouett Bike/Ped Improvements - From Hydraulic Rd on Lambs Rd to AHS and Greer/Jouett schools	Sidewalks, bike lanes and/or shared use paths	- Funded through Transportation Alternatives in 2017. Will be removed from Priority List.
14	Cale ES Pedestrian Improvements - Avon St Ext and Cale ES	Pedestrian Crossing of Avon St Extended and internal sidewalks	- Funded through Transportation Alternatives in 2017. Will be removed from Priority List.
15	Rio Road East Improvements - JW Parkway to City line	Improve alignment, install C & G, bike lanes and sidewalks.	- Intersection improvements at Rio Rd/Pen Park Drive (roundabout) submitted for Smart Scale funding in 2018 (awaiting results of scoring). - Sidewalk/C&G from JWP to Pen Park Dr on northeast side under construction/complete. - Sidewalks on both sides of Rio Rd between Pen Park Rd and Pen Park Ln under construction/complete. Intersection improvements at Rio Rd Pen Park Ln (roundabout) proposed and will be prioritized in FY19 update. Sidewalk on west side of Rio Rd between Stonehenge Rd and Melbourne Rd will be reprioritized in FY19 update.
16	Route 10 Transit Improvements - Downtown C'ville to Pantops	Increase transit headways on existing CAT Route 10 to 15 minutes during the peak hour and 30 minute off-peak.	- CAT Transit Development Plan recommends splitting route into two and altering alignment improve service to address this need. Next steps to work with CAT on route/service planning and funding.
17	Crozet Transit Service - Along Rt. 250 connecting Crozet to downtown C'ville	New transit service connecting Crozet and Downtown C'ville. Service would only occur during peak hrs (7am to 10 am) and (4pm to 7pm). Service would run on 30-minute headways.	- JAUNT is currently working on route/service planning. Next steps to approve route and funding.

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18	Avon St./Mill Crk. Transit Service	New Transit service to developing Urban Neighborhood, regional public facilities and service areas	- CAT Transit Development Plan recommends altering route 2 to provide service to Avon St Ext, Mill Creek Dr, and PVCC. Next steps to work with CAT on route/service planning and funding.
19	US 250 West/Crozet Ave Intersection Improvements	Safety/operation/ capacity improvements, roundabout, lengthen turn lanes, etc.	- No major work completed on this project but VDOT has been working on signal timing between this signal and the Old Trail Dr signal to improve operations. This project will be reprioritized in the FY19 update.
20	Rio Road East Pedestrian Crossings - Between Fashion Sq. Mall western entrance and Old Brook Rd	Pursue crosswalk(s) in multiple locations including at Putt Putt Place or Rio East Ct. safety improvement	- Crossings at Fashion Square Drive and Greenbrier under construction. Crossing at Putt Putt will be reprioritized in FY19 update as part of the recommended improvements from the Rio29 Small Area Plan. No additional crossings are recommended at this time.

Second Tier Projects

These projects will be pursued by the County as opportunities are presented, through private development, and/or if and when unscheduled private funding is made available.

2018 RANK	PROJECT NAME	PROJECT TYPE/ DESCRIPTION	UPDATE
21	Proffit Road Improvements) - From Leake Ln./Worth Crossing to Baker Butler ES	Alignment, curb and gutter, bike and pedestrian facilities	- No major work completed on this project but County continues to work with private developers to address some needs. This project will be reprioritized in the FY19 update.
22	I-64 and Rt 29 Interchange Improvements	Originally proposed as a complete interchange rebuild, this project was subsequently broken up to address the three major safety and operational issues.	- Removal of the southwest quadrant cloverleaf and replacement with left turn for SB 29 to EB 64 movement funded in FY17. - Addition of second exit lane for NB 29 to Fontaine funded in FY17. - Addition of a diverging diamond at Fontaine to remove left turn for NB 29 to WB 64 submitted for Smart Scale funding in 2018 (awaiting results of scoring).
23	Old Lynchburg Rd Bicycle and Pedestrian Improvements - From Doncaster Ln to Azalea Park	Sidewalk and bicycle lanes or shared use path	- Funding identified through the Quality of Life Improvements Funds and conceptual design and cost estimates underway. Will be removed from Priority List.

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24	Fifth St. Extended Improvements - From City Limits to Old Lynchburg Rd	Curb and gutter, bicycle and pedestrian, and vehicular operational improvements throughout corridor.	• Planning study about to begin funded by VDOT through the STARS program to identify, prioritize, and develop concepts for specific improvements. Recommendations will be reprioritized once study is complete.
25	Avon St. Improvements - From City Limits to Rt 20	Curb and gutter, bicycle and pedestrian, and vehicular operational improvements throughout corridor.	• Sidewalks under construction on east side of Avon St between Swan Lake Dr and Cale ES and on west side of Avon St between Stoney Creek Dr and Arden Dr. • Crosswalk at Cale ES funded in 2018. • Planning study underway funded through NIFI to identify, prioritize, and develop concepts for specific improvements. Recommendations will be reprioritized once study is complete.
26	Tabor/High/Hilltop Streets Pedestrian Improvements - Tabor St from Crozet Ave to High St, High St from Library Ave to Park Rd, Hilltop St from High St to Indigo Rd	Construction of sidewalks or pedestrian paths and associated crosswalks	• Funding identified through the Quality of Life Improvements Funds and conceptual design and cost estimates underway. • Any portions exceeding current budget will be reprioritized in the FY19 update.
27	Hillsdale Drive Sidewalk - From JABA to Rio Rd	sidewalk	• Complete except segment on west side of Hillsdale Dr between Mall Dr and Rio Rd. • This project will be reprioritized in the FY19 update.
28	Woodbrook Dr Sidewalk – From US 29 to Woodbrook ES	sidewalk	• No major work completed on this project. • This project will be reprioritized in the FY19 update.
29	Rt. 29/Woodbrook Dr Intersection Improvements	Intersection Improvements - Extend northbound left turn and right turn storage & possible channelizing of lanes	• No major work completed on this project. • This project will be reprioritized in the FY19 update.
30	Rt 240 (Three Notch'd) Bicycle and Pedestrian Improvements – From Crozet Ave to Highlands Dr	Crozet Master Plan recommends different treatments: Parkview Dr to Highland Dr rural section with Shared-Use Path; Parkview Dr to Crozet Ave urban section with sidewalks/bike facilities	• Segment in front of Starr Hill/Music Today is funded and designed with HSIP funds. Proposed sidewalks and pedestrian crossings. • Remaining two segments will be broken up and reprioritized in the FY19 update.

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31	Riverbend Dr Sidewalk – US 250 to end	sidewalk	- Pantops Master Plan update recommends Riverbend Dr for Boulevard treatment between US 250 and Riverbend Dr and a Roundabout at S Pantops Dr and Riverbend Dr. Project will be broken out into two and reprioritized in the FY19 update.
32	Rivanna River Trail – From Northtown Trail to Darden Towe Park	Construct multi-use trail for commuting and rec. purposes. Provides important “arterial” network route for commuter bike and pedestrian.	- Segment from US 29 to Belvedere contained in Northtown Trail segments. Remainder of trail between Belvedere and Darden Towe Park will remain a Class A/B trail and is not considered a transportation resource and therefore will be removed. Darden Towe Park Shared-use Path recommended in the Pantops Master Plan update is considered a transportation resource and will be prioritized in the FY19 update.
33	Old Lynchburg Spot Safety Improvements – From 4-lane section to Red Hill Rd	Improve alignment, install C & G (in DA), bike lanes/paved shoulders and sidewalk or multi-use path. Priority on intersection, drainage, and pedestrian improvements	- Numerous spot safety Improvements have been completed by VDOT. - Additional Improvements are not identified at this time. Will be removed from Priority List.
34	Crozet Avenue Shared Use Path – From Tabor St to US 250	Shared Use Path	- No major work completed on this project. This project will be reprioritized in the FY19 update.
35	US 29/250 Widening - From I-64 to Barracks Rd	Widen to 6 lanes with median; includes replacement of the RR Bridge, other bridge improvements. Funded for preliminary engineering only in LRTP	- This project is not a recommendation in the most recent update to the C-A MPO Long Range Transportation Plan which is where it initially came from. Will be removed from Priority List.
36	Fontana Community Sidewalks – portions of Fontana Dr and Verona Dr	Sidewalk	- No major work completed on this project however the Pantops Master Plan Update continues to recommend these improvements This project will be broken into two projects and reprioritized in the FY19 update.
37	Old Ivy Road Improvements - From Ivy road to 29/250 Bypass western ramp	Alignment at Ivy Road intersection to RR underpass, and sidewalk and bike lanes or multi-use path along length of road	- No major work completed on this project however UVA construction continues on Old Ivy Road which may include bicycle and pedestrian improvements. This project will be broken into two projects and reprioritized in the FY19 update.

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38	Carrsbrook, Northfields, Huntington, Dellwood Roads Bicycle and Pedestrian Improvements – Rio Rd to US 29	Bikelanes/paved shoulder or shared use path	- No major work completed on this project. Segments are included in the Northtown Trail Recommendations and will be reprioritized in the FY19 update as part of that project.
39	Ashwood Blvd Extension	New road segment to improve accessibility and capacity (of Rt. 29). Would include intersection improvements at Rt. 29: bike lanes and sidewalks.	- No major work completed on this project however construction on the connection between Berkmar Dr and Rio Mills will be underway funded in 2016 through Smart Scale. This project will be reprioritized in the FY19 update.
40	Rt 250 West/ Owensville Rd & Tilman Rd Intersection Improvements	Safety/operation/capacity improvements at intersection (traffic light, roundabout, lengthen turn lanes, and/or other)	- US 250 West Corridor STARS completed which evaluated these intersections and made conceptual recommendations for improvements at each. This project will be broken into two projects and reprioritized in the FY19 update based on completed concepts.

Third Tier Projects

These projects will not be actively pursued by the County at this time but will be reevaluated in future prioritization activities. These may also be opportunistically advanced through private development or by outside agencies.

2018 RANK	PROJECT NAME	PROJECT TYPE/ DESCRIPTION	UPDATE
41	Rt 250 East Widening (Rural) - From I-64 interchange to Rivanna Village	Widen to 4-lanes w/bike & pedestrian facilities	- No major work completed on this project. This project will be broken up into manageable, independent segments and reprioritized in the FY19 update.
42	Rt 250 East Widening (Pantops) - From I-64 interchange to City Limits	Widen remainder of segment to 6 lanes, with sidewalk, bike lanes, crosswalks, landscaping improvements	Project will be broken up and reprioritized in the FY19 update according to recommendations in the Pantops Master Plan update
43	Rt 20 intersections improvements in Scottsville – Valley St and Warren St	Improve alignment / operation/ capacity	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan no longer recommends this project and no identified safety issue exists. Will be removed from Priority List.

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44	Rt 22 and Rt 231 Safety Improvements – From County Line to US 250	Full lane width, intersection, shoulder and other spot safety improvements	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan and VDOT safety assessments now recommends a shorter segment for improvements. Project will be broken up and reprioritized in the FY19 update according to recommendations in the Rural Long Range Transportation Plan.
45	Rt 20 and Rt 712 (Plank Rd) Intersection Improvements	Reconstruct west bound lane to address safety issue	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan and VDOT safety assessments continue to recommend this project. Project will be reprioritized in the FY19 update.
46	US 29/Rt 692 (Plank Rd) Intersection Improvements	Lengthen west bound left turn lane	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan and VDOT safety assessments continue to recommend this project. Project will be reprioritized in the FY19 update.
47	Polo Grounds Rd Improvements – West of RR underpass	Spot safety improvements to address travelway width, shoulder, sight distance, drainage;	- Brookhill Development proffers address many of these issues for the westernmost ¾ mile of this segment. - Update to the C-A MPO Long Range Transportation Plan and VDOT safety assessments no longer recommend this project. Will be removed from Priority List.
48	James River Rd (Rt 726) Improvements - From Rt 795 to Rt 1302 (Scottsville)	Spot safety improvements	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan and VDOT safety assessments now recommends only intersection improvements at Rt 20. Project will be broken up and reprioritized in the FY19 update according to recommendations in the Rural Long Range Transportation Plan.
49	Blenheim Rd (Rt 795) and Pine Rd (Rt 790) Intersection Improvement	Improve safety /operations of intersection	- No major work completed on this project. - Update to the Rural Long Range Transportation Plan no longer recommends this project and no identified safety issue exists. Will be removed from Priority List.
50	Southern Parkway - From 5th St/Old Lynchburg to Southern Parkway	Roadway on new alignment	- No major work completed on this project. - Update to the C-A MPO Long Range Transportation Plan no longer recommends this project. Project will be reprioritized in the FY19 update.

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51	Country Green Road Improvements - From Sunset Ave to Old Lynchburg	Improve alignment, install C & G, bike/ped facilities	- No major work completed on this project. - Update to the C-A MPO Long Range Transportation Plan no longer recommends this project. Project will be reprioritized in the FY19 update.
52	Biscuit Run Trail - From Southern Parkway to Moore's Creek	Construct Paved Greenway Trail	- Funding awarded in 2016 through Transportation Alternatives and design is nearly complete. Additional funding will be needed to extend to Southern Parkway and complete construction. - Biscuit Run Park Master Plan recommends extension of this trail. Project will be broken up and reprioritized in the FY19 update according to recommendations in the Biscuit Run Park Master Plan.
53	Moore's Creek Trail – From Rivanna River Trail to Sunset Ave	Construct Paved Greenway Trail	- No major work completed on this project. Project will be broken up and reprioritized in the FY19 update according to recommendations in the Jefferson Area Bicycle and Pedestrian Plan.
54	Ivy Road Bicycle and Pedestrian Improvements – Old Garth Rd to Kenridge	Construct a Shared-use Trail	- No major work completed on this project however VDOT completed a STARS Study for this corridor which recommended some roadway improvements. Project will be broken up and reprioritized in the FY19 update according to recommendations in the Jefferson Area Bicycle and Pedestrian Plan and VDOT STARS Study.

Major Planning Projects Recommending Transportation Improvements

The following planning projects were completed or have made recommendations that will be included in the FY19 Update to the Albemarle County Transportation Priorities List:

- Albemarle County Rio/29 Small Area Plan
- Albemarle County Pantops Master Plan
- Charlottesville-Albemarle Metropolitan Planning Organization Long Range Transportation Plan
- Thomas Jefferson Planning District Commission Rural Long-Range Transportation Plan
- Biscuit Run Park Master Plan
- Virginia Department of Transportation US 250 West Corridor STARS Study
- Jefferson Area Bicycle and Pedestrian Plan
- JAUNT & CAT Transit Development Plans