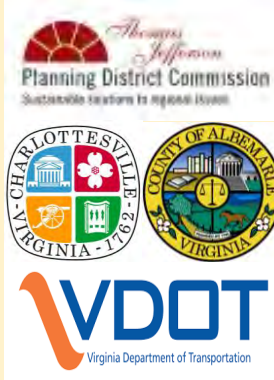


# MPO, Charlottesville, & Albemarle Smart Scale Public Workshop



Monday February 28, 2022 - Charlottesville, MPO, Albemarle and TJPDC Projects	
Time	Topic
6:00pm - 6:05pm	Housekeeping and Introductions
6:05pm - 7:45pm	City of Charlottesville - Fifth Street Extended Safety Improvements
	CAMPO - Fifth Street Multimodal Improvements
	County of Albemarle - Fifth Street Bicycle and Pedestrian Improvements
	CAMPO - Avon Street Multimodal Improvements
	County of Albemarle - Avon Street Bicycle and Pedestrian Improvements
	CAMPO - Rivanna River Bicycle and Pedestrian Crossing
	CAMPO - District Avenue Roundabout
	TJPDC/Albemarle - US 250/Route 22 and US 250/Milton Drive Intersection Improvements
	TJPDC/Albemarle - US 250 Corridor Improvements (Hansen Rd to Peter Jefferson Pkwy)
	TJPDC/Albemarle - US 250 West/US 29 Bypass Interchange
	TJPDC/Albemarle – Old Trail Drive/US 29 Bypass Interchange
County of Albemarle - Belvedere Boulevard/Rio Road Intersection Improvement	
7:45pm - 8:00pm	General Questions and Public Comments

## Tonight's Speakers:

Ryan Mickles, Regional Planner III, CAMPO (*Moderator*)

Charles C. Proctor III, Planning Manager, VDOT - Culpeper District

Sandy Shackelford, Director of Planning and Transportation, CAMPO

Brennen Duncan, City Traffic Engineer, City of Charlottesville

# Your Participation in this Workshop

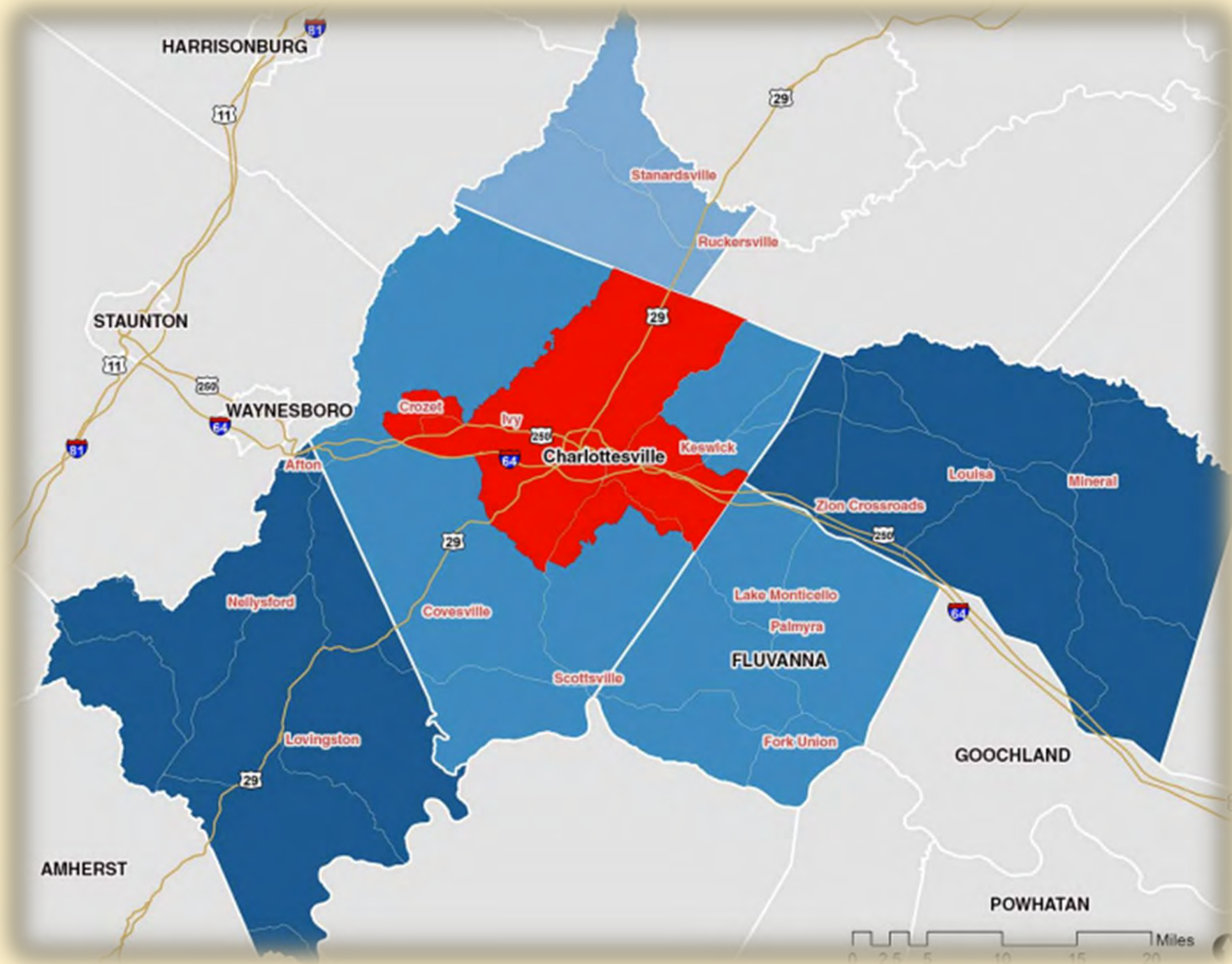
Participants will be muted during the workshop presentations. There will be opportunities to ask questions after each project presentation. To ask a question using the workshop audio, use the raise your hand feature and the host will call on you and un-mute your line. You can also type your questions in the Q & A feature. Presenters will answer as many questions as we can during the workshop and follow up with you after if needed.

## **This workshop doesn't end tonight!**

We ask that you focus on questions during the presentations and submit comments to the project contacts after the workshop.

Comments on the projects discussed tonight can be submitted through the MPO website <http://campo.tjpd.org/smartscale> and emailed to the respective agency submitting the proposal using the contact at the end of this presentation.

This workshop will be recorded and available for public viewing on the TJPDC website.



# SMART SCALE Background



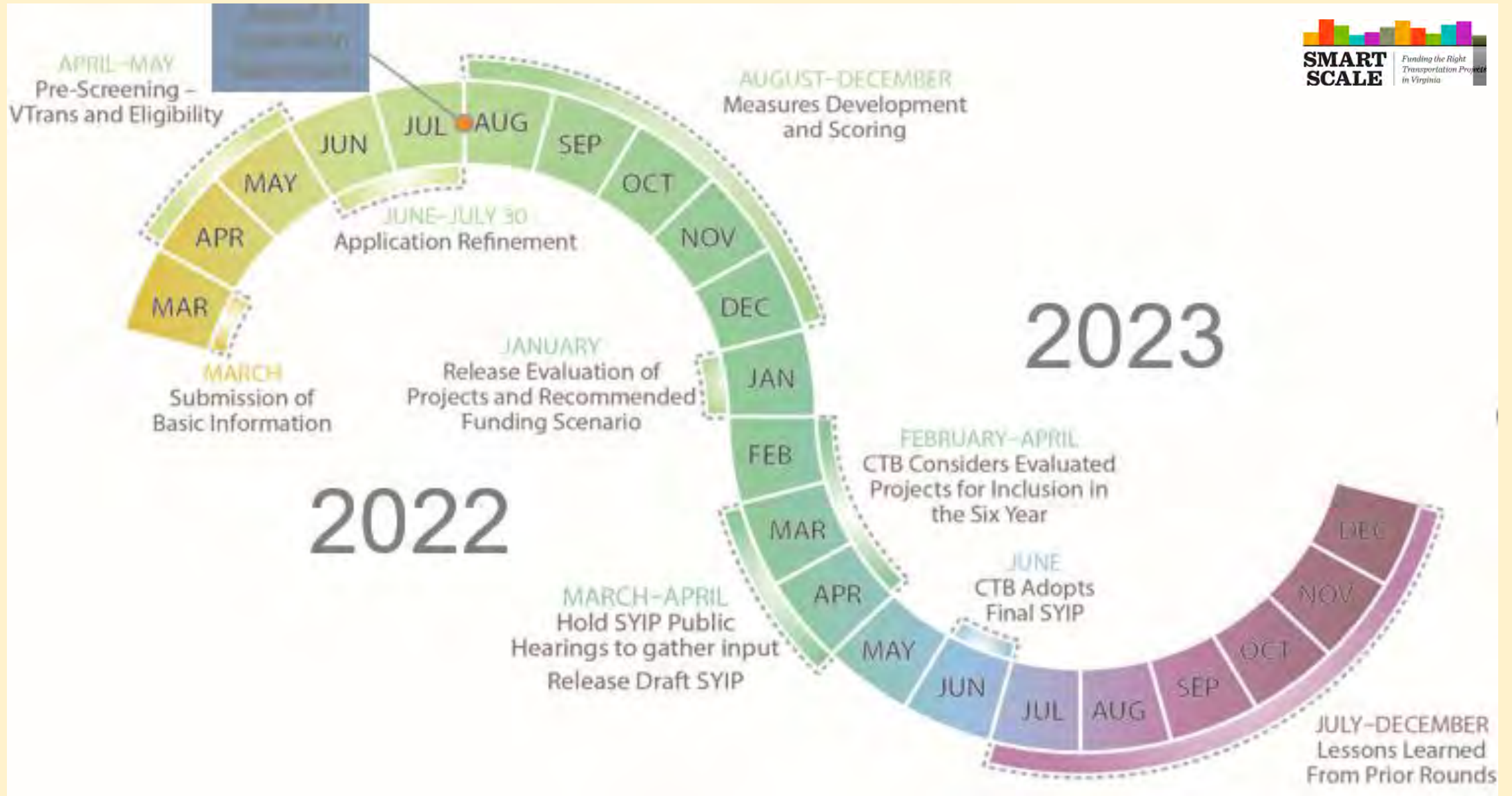
SMART SCALE is the process Virginia uses to prioritize and fund transportation projects throughout the state

Eligible entities submit project applications on a biannual application cycle

Projects are scored based on their overall benefits relative to the cost

Highest scoring projects are funded

# Proposed Schedule



# Two Funding Programs



**Table 1.1 Funding Program Eligibility**

<b>Project Type</b>	<b>High Priority Projects Program</b>	<b>District Grant Program*</b>
Addresses Need on Corridor(s) of Statewide Significance	Yes	Yes
Addresses Need on Regional Network(s)	Yes	Yes
Improvement to Support Urban Development Area(s)	No	Yes
Addresses Identified Safety Need	No	Yes

\* Only projects submitted by localities are eligible.

# Funding Amounts



- Funding amount for Culpeper Construction District Grant Program:
  - \$26.9m
- Funding amount for High Priority Projects Program:
  - \$490.7m
- Funding amounts based on Round 4 base amounts
  - Wholesale fuels tax implemented in 2020 will increase funding by a small amount, but estimated impact for Round 5 is not currently available

# Charlottesville-Albemarle Area Round 5 SMART SCALE



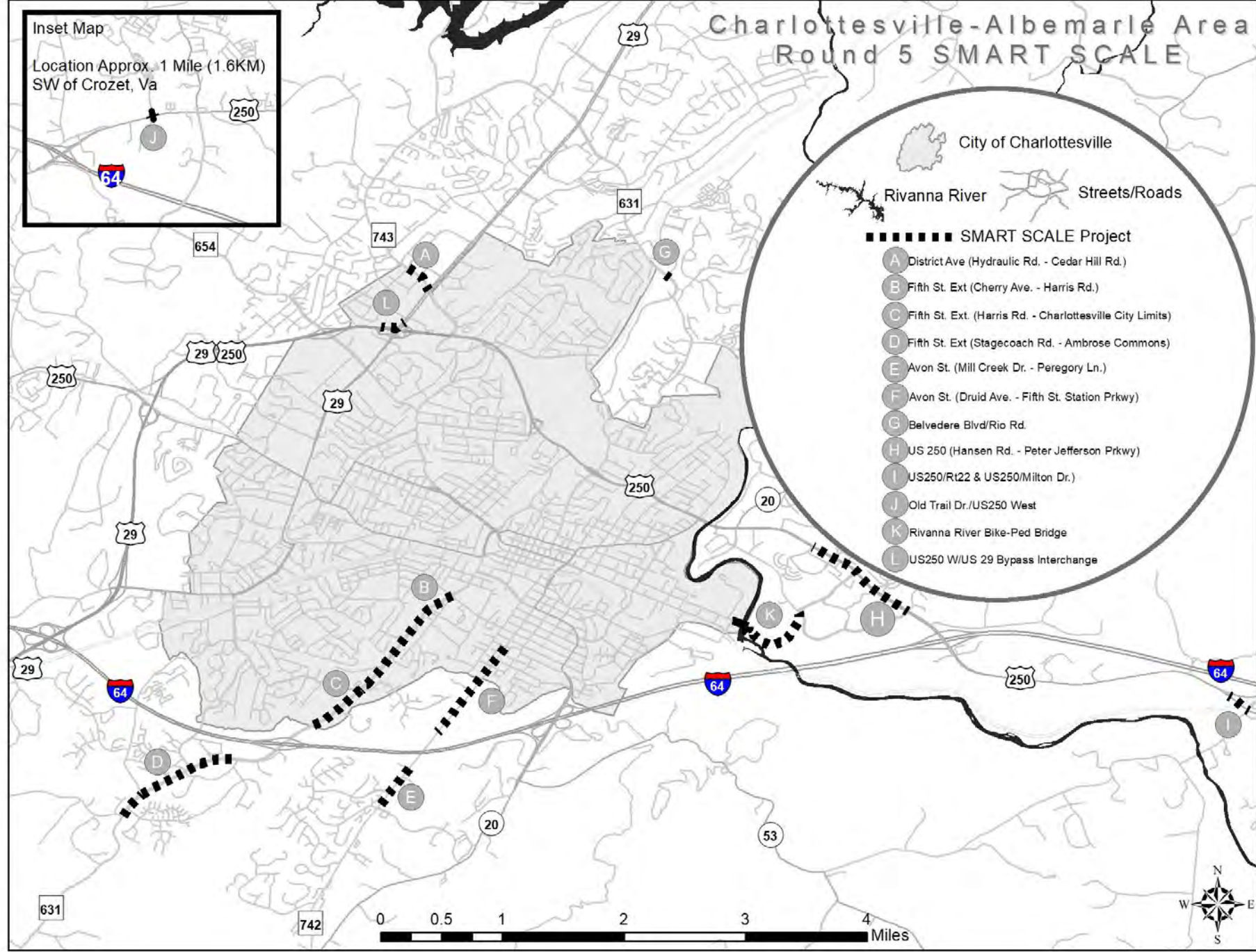
City of Charlottesville

Rivanna River

Streets/Roads

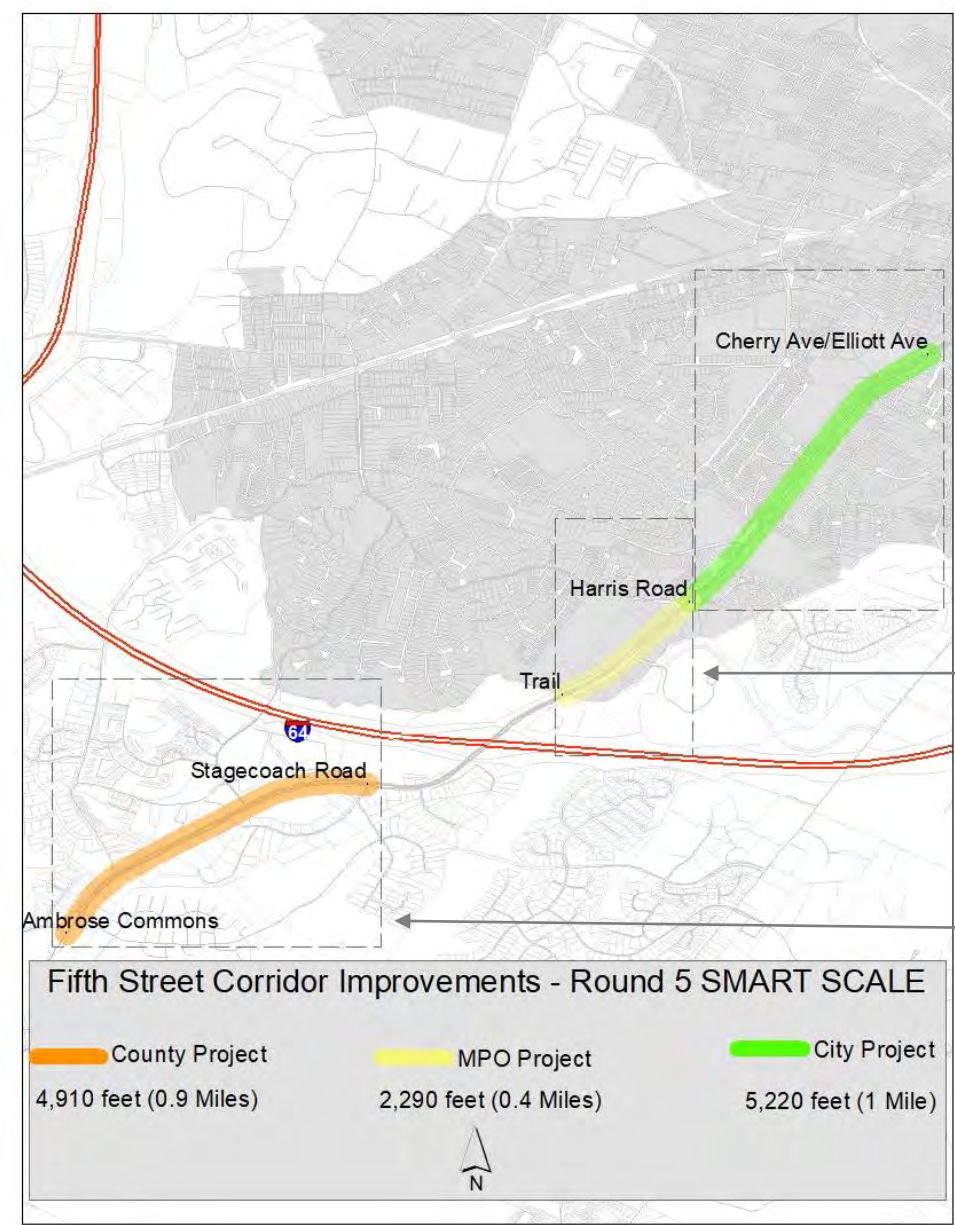
■■■■■■ SMART SCALE Project

- A District Ave (Hydraulic Rd. - Cedar Hill Rd.)
- B Fifth St. Ext (Cherry Ave. - Harris Rd.)
- C Fifth St. Ext (Harris Rd. - Charlottesville City Limits)
- D Fifth St. Ext (Stagecoach Rd. - Ambrose Commons)
- E Avon St. (Mill Creek Dr. - Peregory Ln.)
- F Avon St. (Druid Ave. - Fifth St. Station Prkwy)
- G Belvedere Blvd/Rio Rd.
- H US 250 (Hansen Rd. - Peter Jefferson Prkwy)
- I US250/Rt22 & US250/Milton Dr.)
- J Old Trail Dr./US250 West
- K Rivanna River Bike-Ped Bridge
- L US250 W/US 29 Bypass Interchange



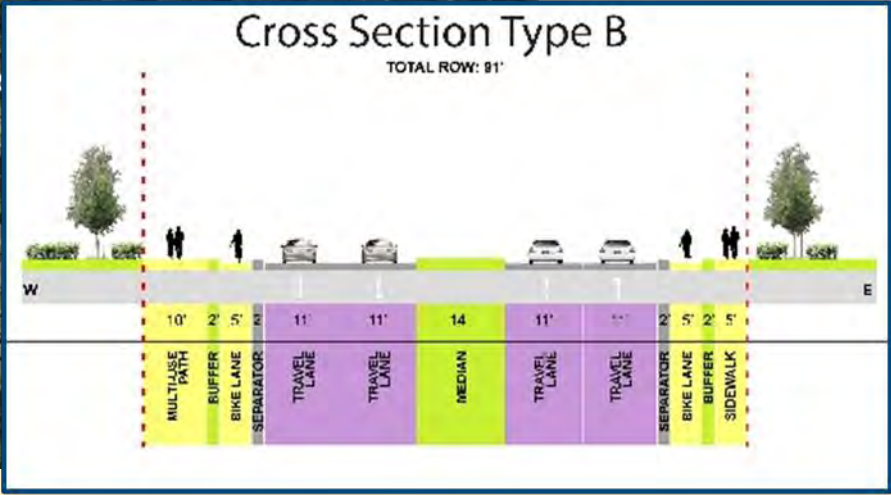
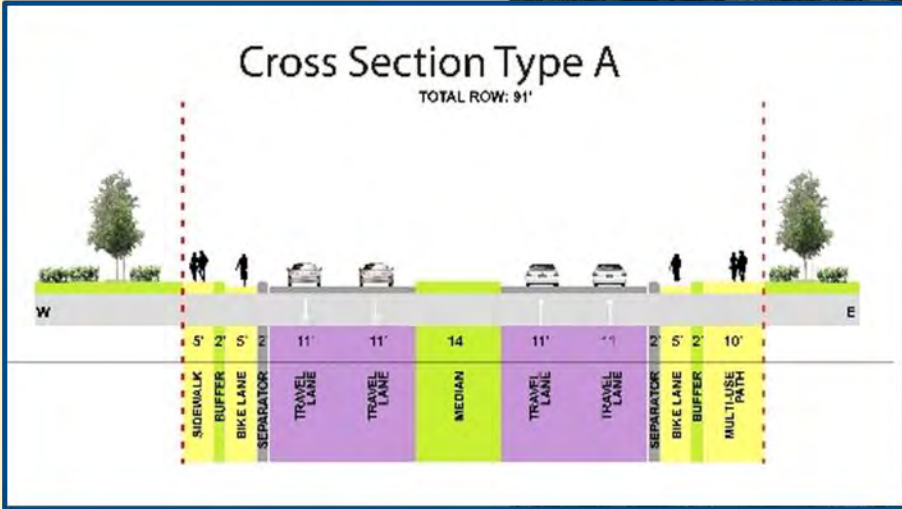


# Fifth Street Extended Safety Improvements ( MPO, City, and County Projects)

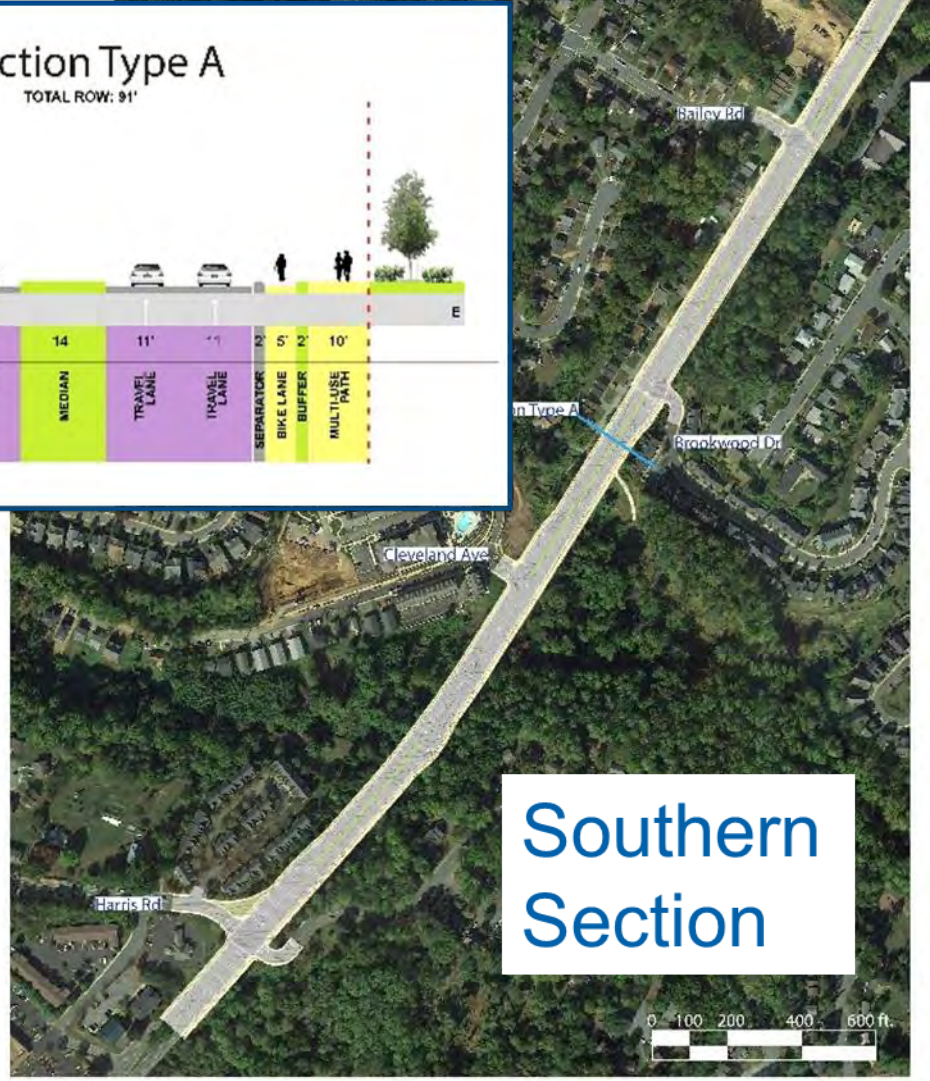


# Fifth Street Extended Safety Improvements (Cherry Avenue/Elliott Avenue to Harris Road)

Northern Section



Southern Section



# Fifth Street Extended Safety Improvements (Cherry Avenue/Elliott Avenue to Harris Road)

## Project Description

This project will further developed concepts initially explored in the 5th-Ridge-McIntire Multimodal Corridor Study between Cherry/Elliott and Harris Road. Improvements be considered are enhanced multimodal facilities, intersection redesign, access management and enhancement of transit/landscaping/lighting.

## Cost Estimate

*(under development)*

## Needs Addressed



## Project Concerns

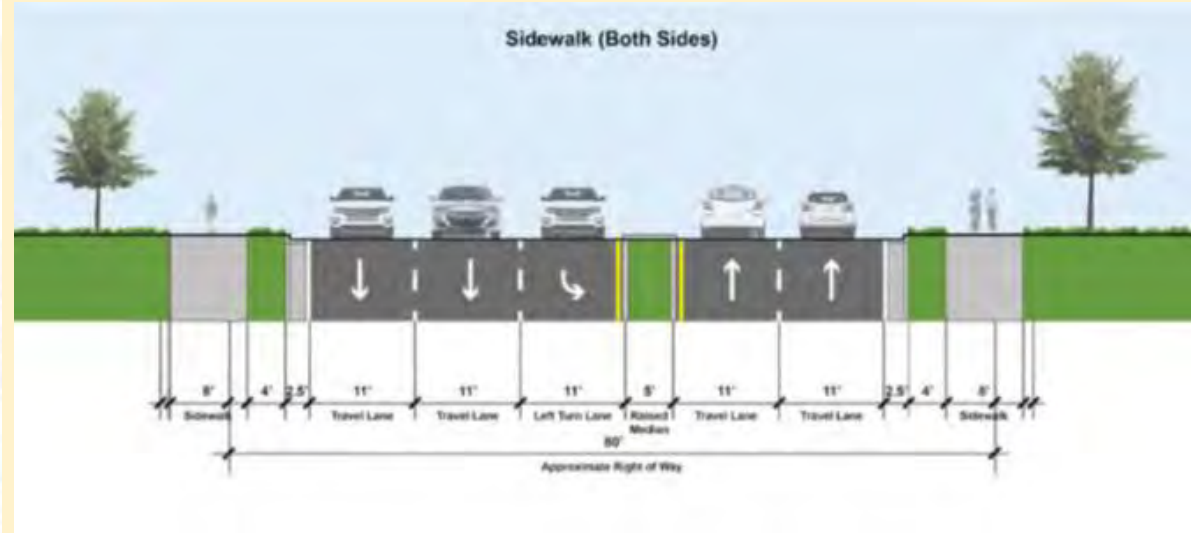
No known concerns at this time

## Entity Submitting

City of Charlottesville

# Fifth Street Multimodal Improvements (Harris Road to Charlottesville City Limits)

Expand Intersection



Left Turn Restrictions and Additional Turn Lane



# Fifth Street Multimodal Improvements (Harris Road to Charlottesville City Limits)

## Project Description

This project will add a south-bound turn lane into 5th Street Station Parkway from 5th Street, a median adjustments at the Willoughby Shopping Center and a left turn lane mid-block from 5th Street traveling north-bound (restricting south turn lane into the Shopping Center); a shared use path between the 5th Street/Harris Rd intersection to Holiday Inn (Fifth Street Landing) intersection is also proposed.

## Cost Estimate

*(under development)*

## Needs Addressed



## Project Concerns

No known concerns at this time

## Entity Submitting

Charlottesville-Albemarle MPO

# Fifth Street Extended Bicycle and Pedestrian Improvements (Ambrose Commons to Stagecoach Road)





# Fifth Street Extended Bicycle and Pedestrian Improvements (Ambrose Commons to Stagecoach Road)

## Project Description

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 St/Old Lynchburg Rd from Ambrose Commons to Afton Pond Ct (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. This project was identified in the 5th Street STARS Study and the Jefferson Area Bike and Pedestrian Plan.

## Cost Estimate

\$9.2m (preliminary; subject to change)

## Needs Addressed



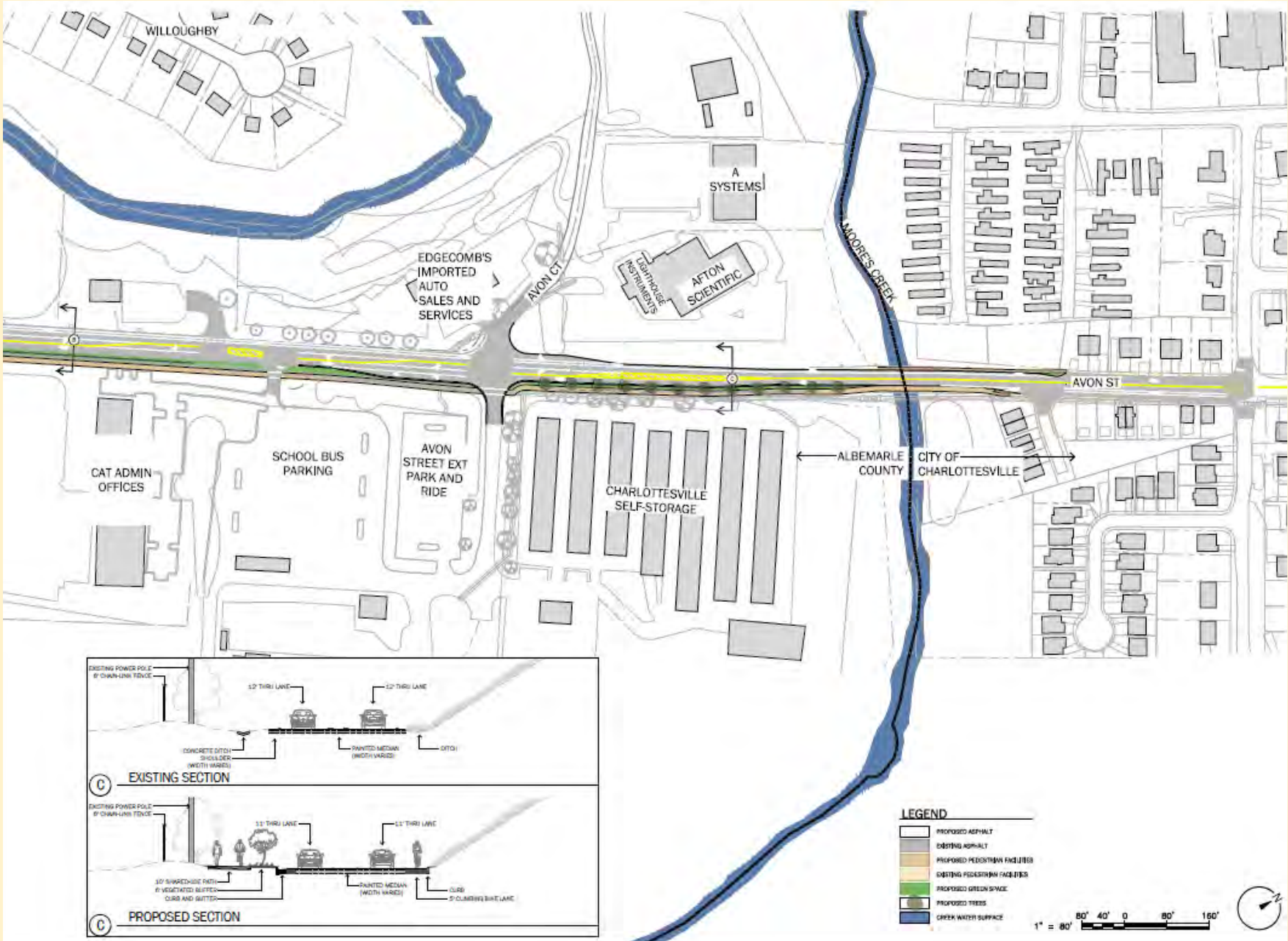
## Project Concerns

No known concerns at this time.

## Entity Submitting

Albemarle County

# Avon Street Multimodal Improvements (Druid Avenue to Fifth Street Station Parkway)





# Avon Street Multimodal Improvements (Druid Avenue to Fifth Street Station Parkway)

## Project Description

This project will develop a package of multimodal transportation improvements along Avon Street between Druid Ave and 5th St Station Parkway. Avon Street RE(Vision) Study was completed for Albemarle Co. in 2020. Bicycle and pedestrian facility needs were identified in the Charlottesville Bicycle and Pedestrian Master Plan. Improvements include bicycle and pedestrian facilities, road widening on the west side of Avon Street, undergrounding a drain and stormwater retention/treatment.

## Cost Estimate

*(under development)*

## Needs Addressed



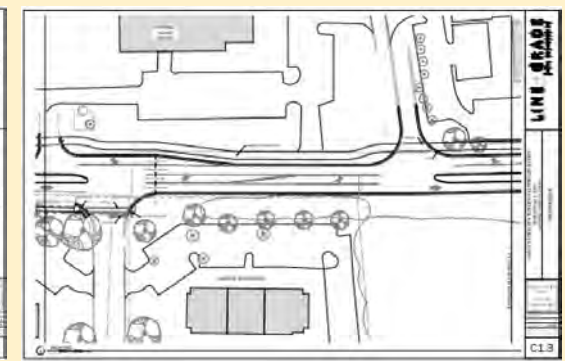
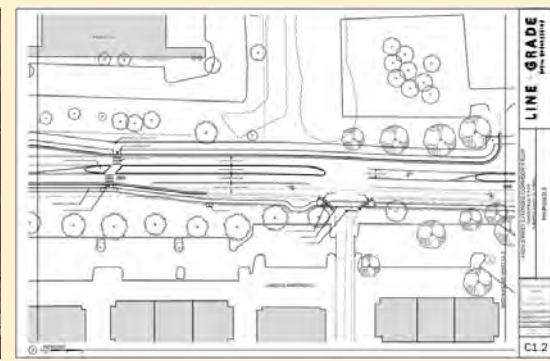
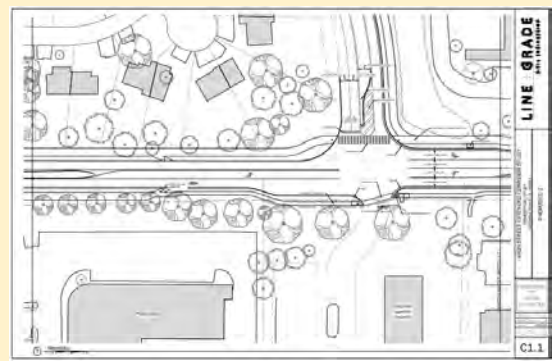
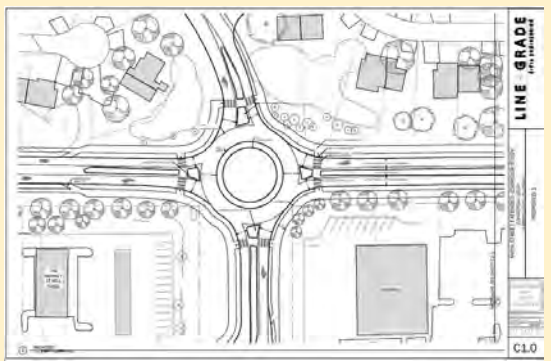
## Project Concerns

No known concerns at this time

## Entity Submitting

Charlottesville-Albemarle MPO

# Avon Street Bicycle and Pedestrian Improvements (Mill Creek Drive to Peregriny Lane)



# Avon Street Bicycle and Pedestrian Improvements (Mill Creek Drive to Peregory Lane)

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## Project Description

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This project would construct a shared-use path adjacent to Avon Street on the west side of the road from Mill Creek Drive to Peregory Lane. It also includes a pedestrian crossing of Avon Street near the Lakeside Apartments. The need for this project was identified in the Southern Areas Master Plan, Avon Street Corridor Study, Quality of Life Program, and the Jefferson Area Bike Ped Plan.

## Cost Estimate

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\$1.5m (*preliminary; subject to change*)

## Needs Addressed

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## Project Concerns

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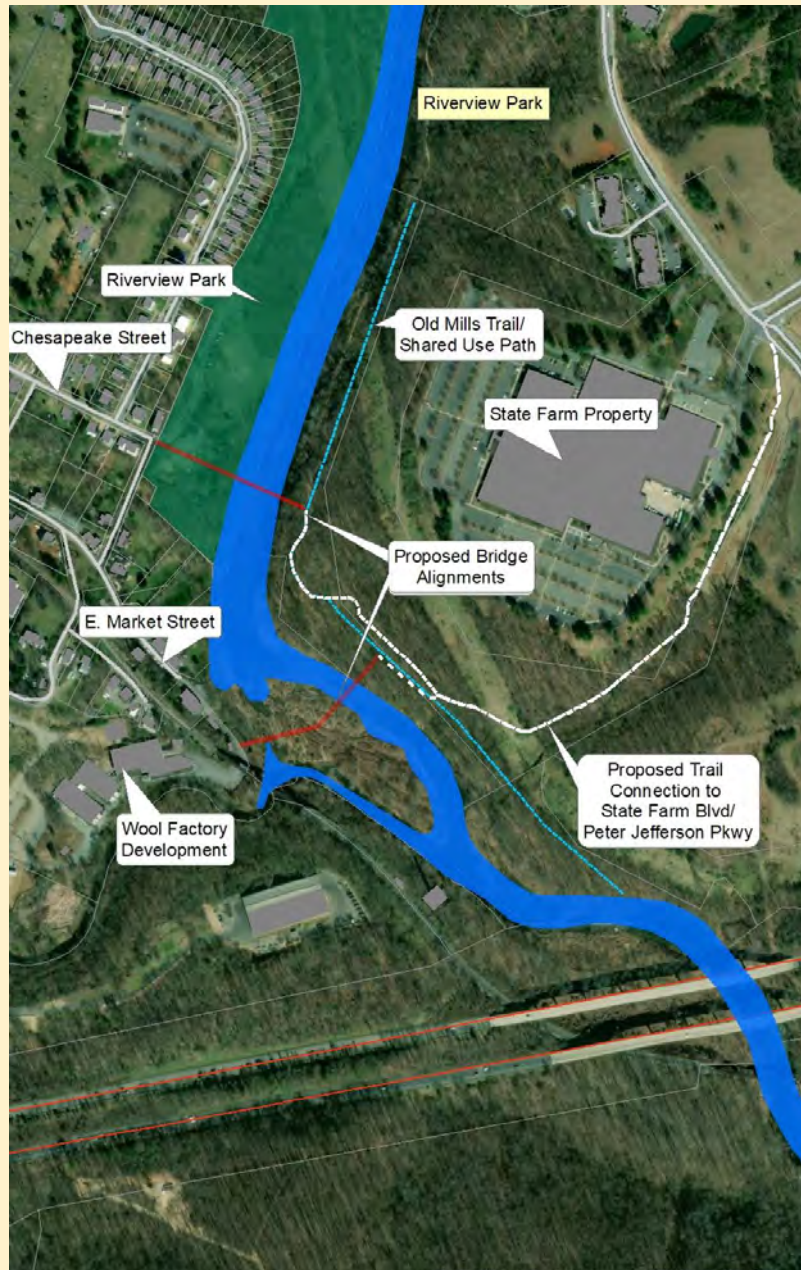
Right of Way Impacts; Stormwater Drainage

## Entity Submitting

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Albemarle County

# Rivanna River Bicycle and Pedestrian Bridge Crossing



# Rivanna River Bicycle and Pedestrian Bridge Crossing

## Project Description

This project will provide a critical bicycle and pedestrian linkage between the City of Charlottesville and the County of Albemarle, connecting to existing trails on the east side of the Rivanna River. The project was identified in the CAMPO Long Range Transportation Plan and Jefferson Area Bike and Pedestrian Plan. A feasibility study was completed by VHB in 2020, with two potential design options developed for consideration.

## Cost Estimate

\$11-15m (*preliminary; subject to change*)

## Needs Addressed



## Project Concerns

Preferred alignment/option to support; neighborhood/park impact

## Entity Submitting

Charlottesville-Albemarle MPO

# District Avenue Roundabout (at intersection of Hydraulic Road and Cedar Hill Road)



# District Avenue Roundabout (at intersection of Hydraulic Road and Cedar Hill Road)

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## Project Description

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This project will improve vehicular movement at the intersection with Hydraulic Rd/Cedar Hill Rd, along with bicycle and pedestrian safety and mobility accommodations. The project will also include a porkchop island to restrict direct access onto/off roundabout from Cedar Hill Road.

## Cost Estimate

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*(under development)*

## Needs Addressed

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## Project Concerns

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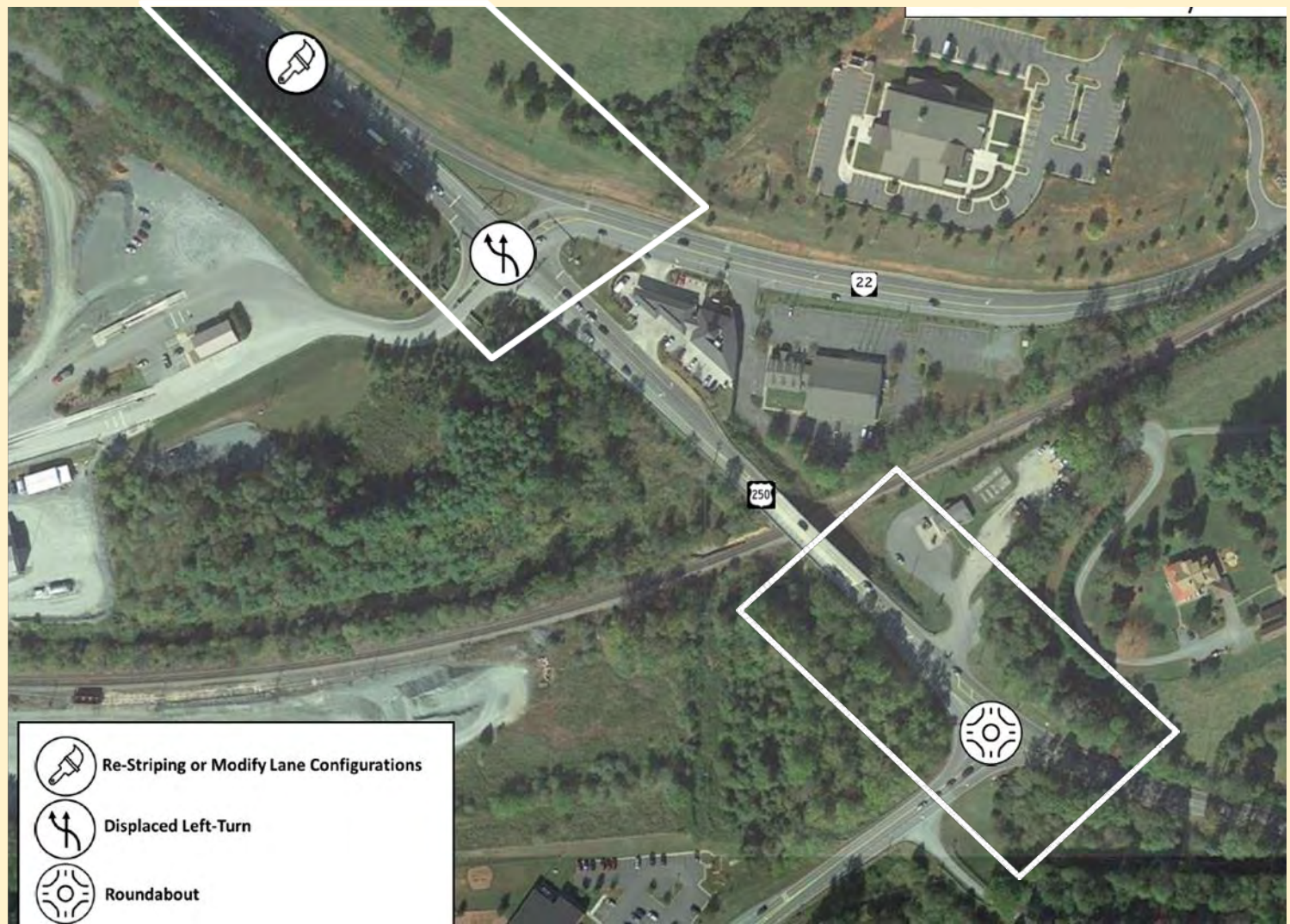
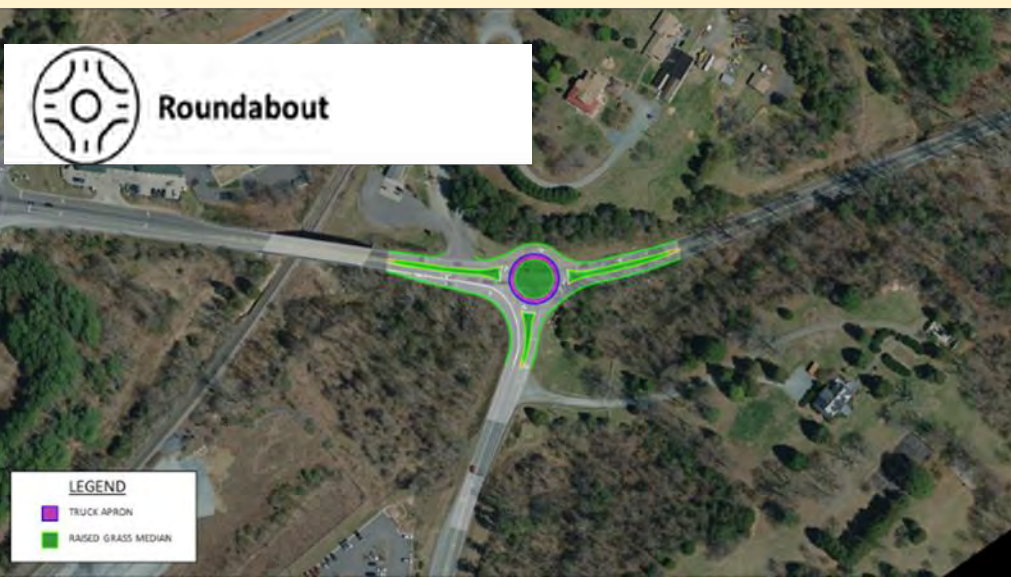
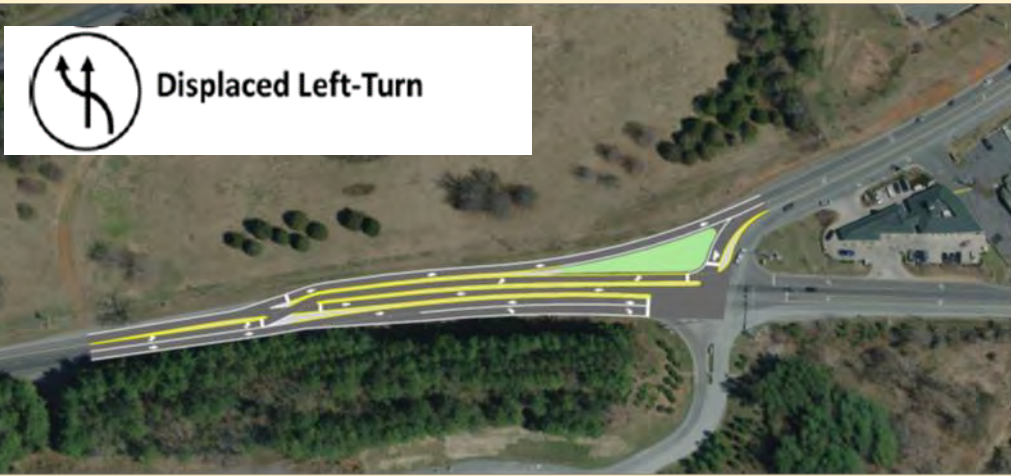
No known concerns at this time

## Entity Submitting

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Charlottesville-Albemarle MPO

# US 250/Route 22 and US 250/Milton Drive Intersection







# US 250/Route 22 and US 250/Milton Drive Intersection

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## Project Description

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A study identified possible improvements at two locations on the corridor. At Rte. 22 and US 250 the recommendation is to install a displaced left turn on the eastbound approach. At the N. Milton Rd. – US 250 intersection the recommendation is to convert the intersection to a roundabout. The study also includes the construction of a Park and Ride Lot in the area.

## Cost Estimate

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*(under development)*

## Needs Addressed

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## Project Concerns

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No known concerns at this time.

## Entity Submitting

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Albemarle County or Thomas Jefferson Planning District Commission

# US 250 Corridor Improvements (Hansen Road to Peter Jefferson Parkway)

Final preferred solutions are under review

Funded VDOT District Access Management Project

- Revise median opening to allow left-turns from US 250 only, no left-turns from side streets

Reconfigure to RCUT as part of DDI



# US 250 Corridor Improvements (Hansen Road to Peter Jefferson Parkway)

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## Project Description

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A study identified possible improvements at several locations on the corridor. The project includes a crosswalk and sidewalk at Rolkin Road and US 250, closure of the crossover at the east entrance to the Hilton site, adding an east bound right turn lane to US 250 at Peter Jefferson Parkway, restricting the side street through movements for Glenorcky and Peter Jefferson Parkway, and constructing a Park and Ride Lot in the area.

## Cost Estimate

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*(under development)*

## Needs Addressed

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## Project Concerns

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No known concerns at this time.

## Entity Submitting

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Albemarle County or Thomas Jefferson Planning District Commission

# US 250 West/US 29 Bypass Interchange





# US 250 West/US 29 Bypass Interchange

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## Project Description

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The project extends Hillsdale Dr. from Hydraulic Rd to the US 250 Bypass, relocates northbound to westbound on-ramp and westbound to northbound off-ramp to the new US 250 connection. The project will also include connections to the Krogers Shopping Center, a sidewalk on the west side, and a shared use path on the east side of the extension from Hydraulic Rd to Holiday Dr. Improvements along Holiday Dr. will include a splitter island and acceleration lane on US 29 northbound.

## Cost Estimate

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*(under development)*

## Needs Addressed

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## Project Concerns

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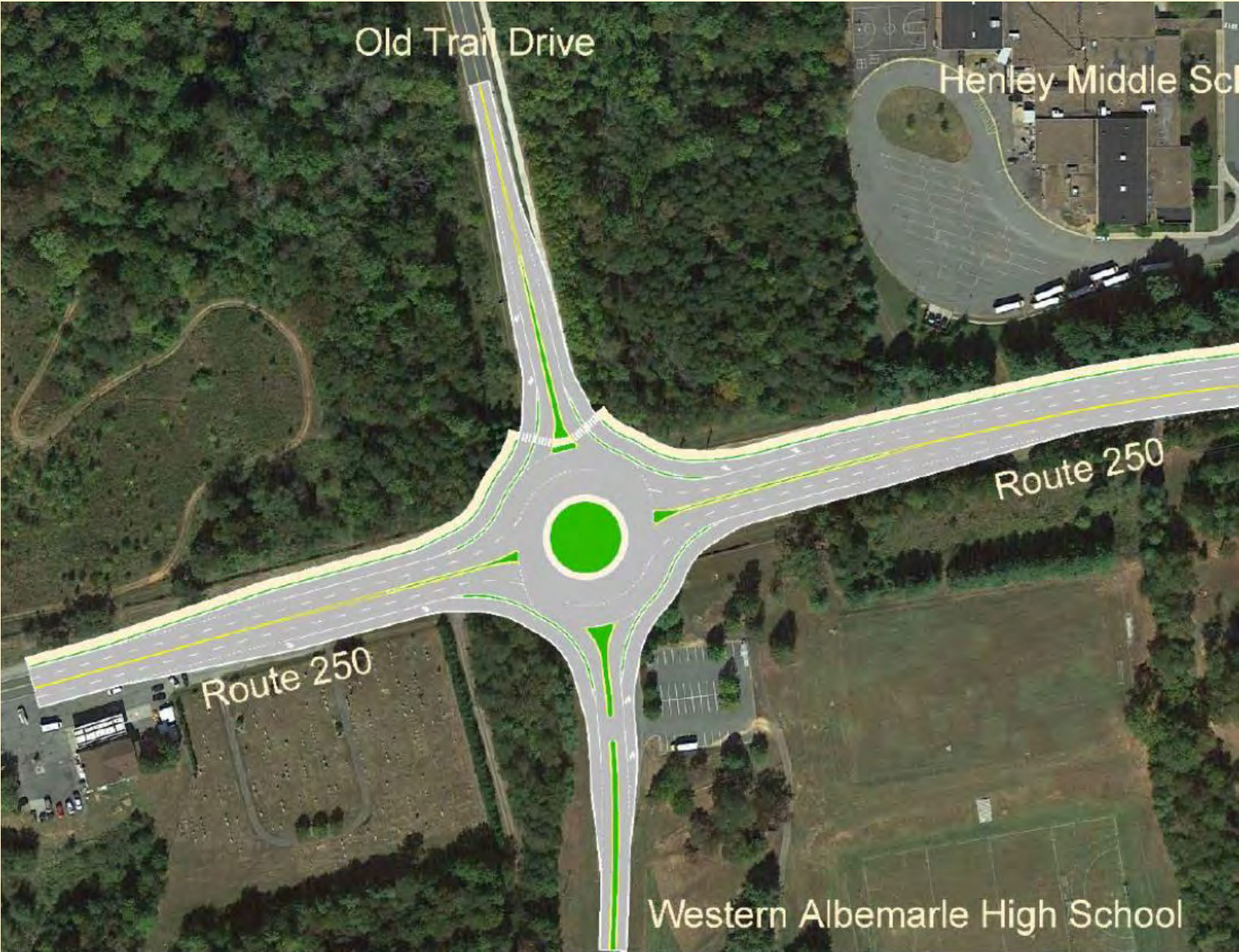
Limits imposed by the Rail Road line and underpass; Access to adjacent business; Bicycle and Pedestrian accommodations.

## Entity Submitting

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Albemarle County or Thomas Jefferson Planning District Commission

# Old Trail Drive/US 250 West Intersection Improvements (or adjacent intersections)





# Old Trail Drive/US 250 West Intersection Improvements (or adjacent intersections)

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## Project Description

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The need for this change was identified in the Crozet Transportation Study and the Crozet Master Plan. The project includes the recommendation for the conversion of the intersection to a Hybrid Roundabout.

## Cost Estimate

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*(under development)*

## Needs Addressed

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## Project Concerns

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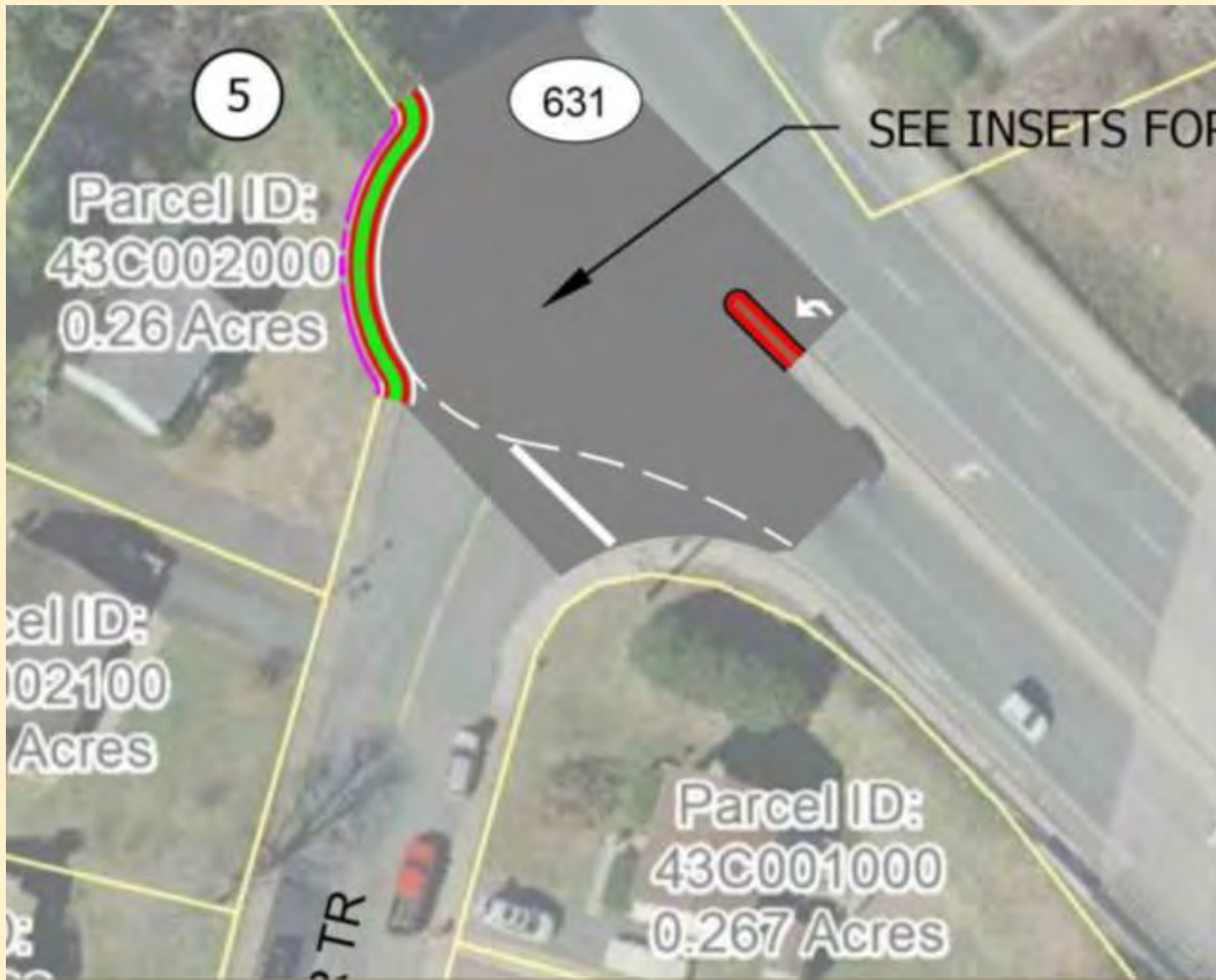
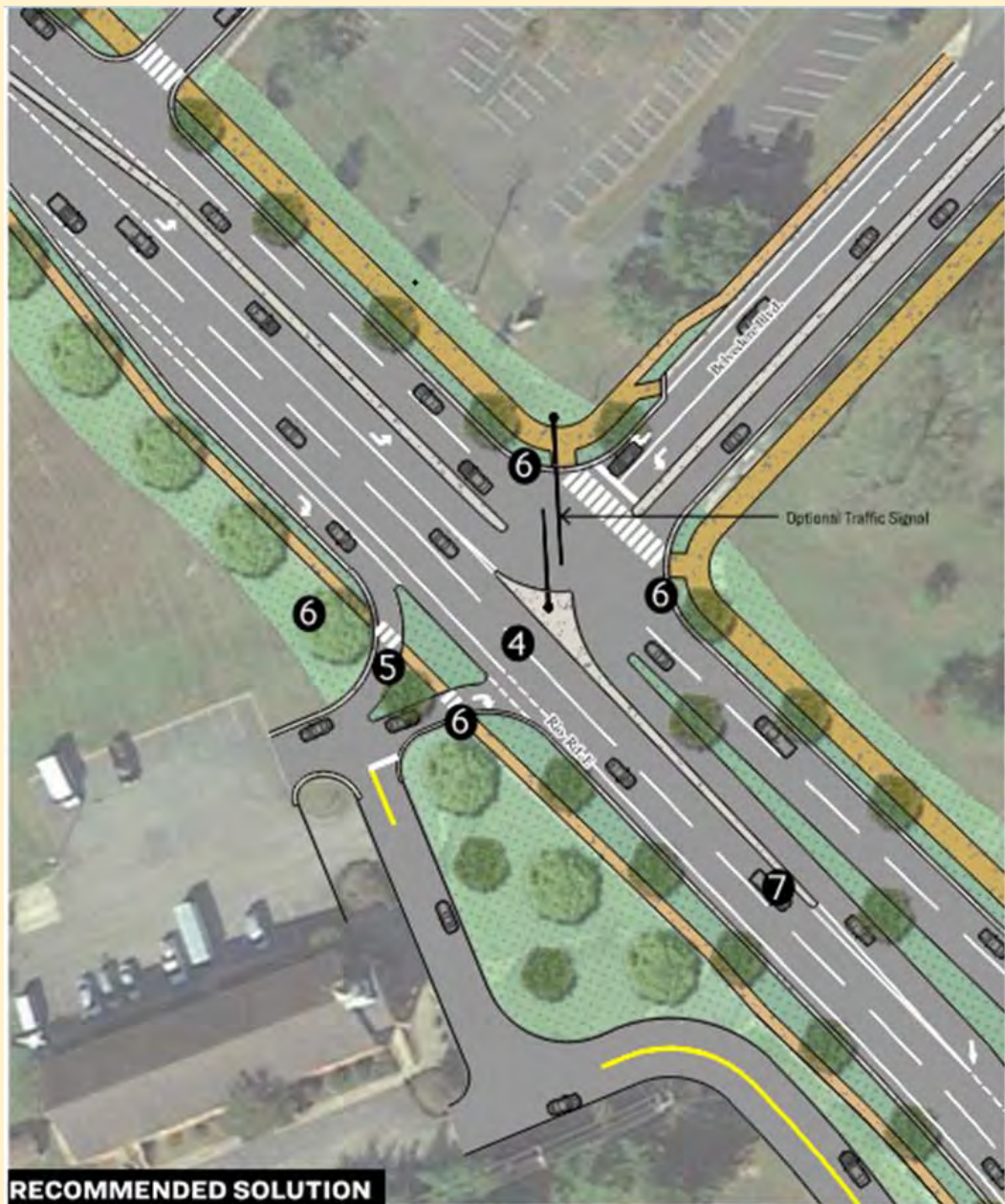
Right of Way

## Entity Submitting

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Albemarle County or Thomas Jefferson Planning District Commission

# Belvedere Boulevard/Rio Road Intersection Improvements







# Belvedere Boulevard/Rio Road Intersection Improvements

## Project Description

This proposal would create a Continuous Green-T intersection, where vehicles traveling along Rio Road can 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 can make right or left turns onto Belvedere Boulevard and vehicles on Belvedere Boulevard can 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. This project was identified in the Rio Road Corridor Study.

## Cost Estimate

\$2.7m (preliminary; subject to change)

## Needs Addressed



## Project Concerns

Connection to CATEC

## Entity Submitting

Albemarle County

# We appreciate your participation and value your ideas

## Next Steps

Comments on the projects discussed tonight can be submitted through the MPO website [www.campo.tjpd.org/smartscale](http://www.campo.tjpd.org/smartscale) and emailed to the respective agency submitting the proposal using the contact information below.

<http://campo.tjpd.org/smartscale>

### Charlottesville-Albemarle MPO:

Sandy Shackelford, Director of Planning & Transportation  
[sshackelford@tjpd.org](mailto:sshackelford@tjpd.org)

Isabella O'Brien, Planner I  
[iobrien@tjpd.org](mailto:iobrien@tjpd.org)

Ryan Mickles, Regional Planner III  
[rmickles@tjpd.org](mailto:rmickles@tjpd.org)

### City of Charlottesville:

Brennen Duncan, City Traffic Engineer  
[duncanb@charlottesville.gov](mailto:duncanb@charlottesville.gov)

Tony Edwards, Development Services Manager  
[edwardst@charlottesville.gov](mailto:edwardst@charlottesville.gov)

### Albemarle County:

Kevin McDermott, Planning Manager  
[kmcdermott@albemarle.org](mailto:kmcdermott@albemarle.org)

Jessica Hersh-Ballering, Principal Transportation Planner  
[jhballering@albemarle.org](mailto:jhballering@albemarle.org)

### Virginia Department of Transportation:

Charles Proctor III, Planning Manager, Culpeper District  
[charles.proctor@vdot.virginia.gov](mailto:charles.proctor@vdot.virginia.gov)

