

AGENDA

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(For Remote Participation in Compliance with Adopted Remote Meeting Policy, Guest Speakers, and Members of Public)

Meeting ID: 835 4317 4168

Dial in: 1-646-558-8656

Item	Description	Time†
1	Call to Order & Attendance	4:00 – 4:05
2	Matters from the Public - Chair Galloway Members of the public are welcome to provide comment on any transportation-related topic, including the items listed on this agenda (<i>limit 3 minutes per speaker</i>)	4:05 – 4:10
3	*General Administration – Chair Galloway a. *Review and Acceptance of the Agenda b. *Approval of April 24, 2024, Meeting Minutes	4:10 – 4:15
4	* Moving Toward 2050 a. Long Range Transportation Plan (LRTP) – <i>Alan Simpson and Will Cockrell, EPR</i> b. *Resolution to Adopt the 2050 Long Range Transportation Plan: <i>Moving Toward 2050</i>	4:15 – 4:25 4:25 – 4:30
5	VDOT Update on Projects a. I64/5 th Street Interchange Improvement (Exit 120) b. Barracks Road Pipeline US29/US250 Interchange and Shared Use Path	4:30 – 4:45 4:45 – 5:00
6	*Smart Scale Resolutions a. Staff Memo: Smart Scale Resolutions b. *Resolution to Endorsing the Submission of Smart Scale Applications by the CA-MPO c. *Resolution to Endorse the Submission of Smart Scale Applications by Localities	5:00 – 5:10
7	Highway Systems Functional Classification Update a. Staff Memo, Functional Classification Review and Update Methodology b. Culpeper Functional Classification GIS Map (<i>Proposed Changes, 2024</i>) c. Functional Classification Comprehensive Guide (2014) d. Draft Resolution of Support (<i>Draft Provided by VDOT, for Consideration/Adoption in the July meeting</i>)	5:10 – 5:20
8	Staff Updates a. Staff Introduction b. Meeting Schedule	5:20 – 5:30
9	Roundtable Updates	5:30 – 5:55
10	Additional Matters from the Public Members of the Public are welcome to provide comment (limit of 3 minutes per speaker)	5:55 – 6:00
11	Adjourn	6:00 pm

† Times are approximate * Requires a vote of the Board

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VOTING MEMBERS
Ann Mallek, Albemarle
Ned Gallaway, Albemarle
Brian Pinkston, Charlottesville
Natalie Oschrin, Charlottesville
Sean Nelson, VDOT (Alternate, <i>Stacy Londrey, VDOT</i>)
NON-VOTING MEMBERS
Mike Murphy, Jaunt
Julia Monteith, UVA
Garland Williams, CAT
Daniel Wagner, DRPT
Steven Minor, FHWA
Daniel Koenig, FTA
Lee Kondor, CTAC Liaison
Christine Jacobs, TJPDC
STAFF
Christine Jacobs, TJPDC
Lucinda Shannon, TJPDC
Ruth Emerick, TJPDC
Laurie Jean Talun, TJPDC
Logan Ende, TJPDC
Isabella O'Brien, TJPDC
Gretchen Thomas, TJPDC
Sarah Simba, TJPDC

MPO Policy Board Meeting

Minutes, April 24, 2024

DRAFT

Video of the meeting can be found here:

https://www.youtube.com/watch?v=BSE50y_PyQ4

VOTING MEMBERS & ALTERNATES		STAFF	
Ann Mallek, Albemarle	x	Isabella O'Brien, TJPDC	x
Ned Gallaway, Albemarle	x	Gretchen Thomas, TJPDC	x
Brian Pinkston, Charlottesville	x	Sara Pennington, Rideshare	x
Natalie Oschrein, Charlottesville	x	Ruth Emerick, TJPDC	x
Sean Nelson, VDOT	x	Logan Ende, TJPDC	x
Stacy Londrey, VDOT (alternate)	x	Lucinda Shannon, TJPDC	x
NON-VOTING MEMBERS		GUESTS/PUBLIC	
Jason Espie, Jaunt	x	Neil Williamson *	x
Christine Jacobs, TJPDC	x	Ben Chambers, City of Charlottesville	x
Julia Monteith, UVA	x	Jessica Hersh-Ballering, Albemarle	x
Garland Williams, CAT		Ann Wall, Albemarle	x
Steven Minor FHWA *	x	Alan Simpson, EPRPC *	x
Dan Koenig, FTA *	x	Sean Tubbs *	x
Lee Kondor, CTAC *	x		
Chuck Proctor, VDOT *	x		
Tiffany Dubinsky, DRPT			
Daniel Wagner, DRPT *	x		
Mike Murphy, Jaunt			
Sandy Shackelford, VDOT	x		

* attended online via Zoom

1. CALL TO ORDER (0:00)

The MPO Policy Board Chair, Mr. Gallaway, presided and called the meeting to order at 4:01 a.m. Christine Jacobs called roll.

2. MATTERS FROM THE PUBLIC

- Comments by the Public:** None
- Comments provided via email, online, web site, etc.:** None.

3. GENERAL ADMINISTRATION*

Review and Acceptance of the Agenda

Motion/Action: Ann Mallek made a motion to approve the agenda as amended, Brian Pinkston seconded the motion and the motion passed unanimously.



Approval of the March 26 Meeting Minutes

Motion/Action: Ann Mallek made a motion to approve the minutes with that change. Brian Pinkston seconded the motion and the motion passed unanimously.

4. UNIFIED PLANNING WORK PROGRAM (UPWP)

Christine Jacobs presented the changes that have been made since the previous draft, which were two placeholders that were updated throughout the plan.

Motion/Action: Ann Mallek made a motion to approve the FY25 UPWP as presented and as recommended by the MPO Technical and Citizen's Advisory Committees. Brian Pinkston seconded the motion and the motion passed with Stacey Londrey abstaining.

Ned Gallaway asked where the data for travel is obtained. There was a discussion about this topic with numerous members.

5. MOVING TOWARD 2050

Alan Simpson, EPRPC, presented an update on the long-range transportation plan (LRTP). He noted that the committee got an unformatted draft copy of the plan last week. H proceeded to give an overview of the project and then reviewed the chapters.

He noted that the next steps include public comment through May 21.

Mr. Gallaway noted that in the Executive Summary, air is included but rail is not. He said that rail should be included.

Public Hearing

Ned Gallaway opened the public hearing. There were no public comments, so the hearing was closed.

Ms. Jacobs asked for any comments/feedback before the formatting begins for EPR.

6. STAFF UPDATES

Transportation Improvement Program (TIP) Adjustment

Lucinda Shannon noted that the state wanted to break out the funding for the entire state. It was a formatting change only. The allocations remain the same.

Rideshare CAP Strategic Plan

Sara Pennington reported that she is halfway through the plan. They are finishing the target market and customers and operations plan. They have decided on the mission: Connecting people to inclusive and sustainable transportation alternatives in order to increase mobility and enhance the quality of life.

She continued by reporting on the four main goals and then reported on the target markets: commuters from the CSPDC region, commuters within the TJPDC region, and commuters outside of both of those regions.

She noted that the next steps will be to finalize the operational plan and how that translates into the financial plan in the next 6 years. How to evaluate the plan. They will put out a draft plan at the end of this fiscal year or the beginning of the next.

8. ROUNDTABLE UPDATES

Jaunt – Jason Espie reported that Jaunt is undertaking three studies. He noted that the rural needs assessment will be wrapping up in June. He said they were tracking ridership since the pandemic, and they are getting close to pre-pandemic levels.

VDOT – Stacy Londrey said they will be at Water Street Center on May 8 at 4:00 for a public hearing on the six-year program public hearing. There will be representatives from VDOT and from local bodies.

Sean Nelson said the runaway truck ramp coming down Afton Mountain is now complete. He also said they have a go-no-go decision that needs to be made on the Hydraulic/Hillsdale roundabout project. That decision will be made on May 14 and will be closed for about 46 days.

UVA – Julia Monteith said UVA was supposed to get four battery-powered buses this summer, and it turned out that the bus company they contracted with went out of business. She said UVA will be submitting for a federal funding to potentially get 20 electric buses. The grant will be awarded in 4-5 months.

VDOT – Sandy Shackelford said she and Chuck Proctor are working on the Smart Scale applications. She said there are surveys for the 5th Street interchange and the Ivy Road Corridor pipeline study that will be open online for three weeks. They are also proposing to bring back application materials for jurisdictions to review and comment on and to provide resolutions of support.

Albemarle County – Jessica Hersh-Ballering said they are working with VDOT to get their Smart Scale applications in order. She reported that the RFP for the Three Notch'd Trail master plan is out. She is hoping the work on that project will begin late July or early August. She also reported that she is working on the Freebridge Lane promenade pilot program.

City of Charlottesville – Ben Chambers said he gave a presentation to the council last week and encouraged folks to look at the recording from that meeting. He said the sidewalk prioritization program public comments are open to the public through the 30th. He also said they are working on the CAT Transit Strategic Plan (TSP) and will be presenting it to the Regional Transit Partnership (RTP) tomorrow. Next month, he will be presenting on the VDOT projects in and around the City. He noted that May is Bike Month and there are many events planned. Bikemonthcville.org has the calendar of events for the month of May.

CTAC – Lee Kondor reported that CTAC is asking its members to comment on the LRTP.

Brian Pinkston said he is more confident in the efforts after the presentation from Ben Chambers last week at the 4:00 p.m. Council meeting. Natalie Oschrein said that there are many activities for Bike Month planned.

Ann Mallek is thrilled that Freebridge Lane is starting.

Mr. Gallaway said in the budget public hearings this year, they did three separate sections, including transportation as its own section, instead of lumping everything into one conversation about budget.

FHWA – No report.

DRPT – No report.

9. ADDITIONAL MATTERS FROM THE PUBLIC

Paul Grady said the queuing area in Hydraulic needs to be three times as long.

The meeting was adjourned at 4:52 p.m.

**Committee materials and meeting recording may be found at
<https://campo.tjpd.org/committees/policy-board/>**

**Resolution Adopting the Charlottesville-Albemarle Metropolitan Planning Organization's
2050 Long Range Transportation Plan: *MOVING TOWARD 2050***

WHEREAS, the U.S. Department of Transportation (DOT) requires that each urbanized area over 50,000 population prepare a Long Range Transportation Plan (LRTP) to be updated every five years; and,

WHEREAS, a Metropolitan Planning Organization has been designated for the Charlottesville-Albemarle Urbanized Area (CA-MPO); and,

WHEREAS, the CA-MPO's 2050 Long Range Transportation Plan: *Moving Toward 2050*, addresses future planned transportation projects in the City of Charlottesville and the urbanized planning area of Albemarle County over the next 20 years; and,

WHEREAS, the major goal for the CA-MPO's 2050 LRTP is to create and advance a balanced, regional, multimodal transportation network; and,

WHEREAS, the CA-MPO led the efforts to complete the 2050 LRTP with a public outreach campaign conducted to solicit input from the community; and,

WHEREAS, the CA-MPO recognizes that the SMART SCALE evaluation and funding process will guide major project funding decisions made by the Commonwealth Transportation Board (CTB); and,

WHEREAS, the CA-MPO has set targets, as required, for the established national performance measures; and,

WHEREAS, the CA-MPO's project and scenario evaluation criteria were chosen to reflect the measures used in SMART SCALE and the national performance measures; and,

WHEREAS, this update is required to meet Federal Highway Administration (FHWA) requirements, the deadline for which is the end of May 2024; and,

THEREFORE, BE IT RESOLVED that the Charlottesville-Albemarle Metropolitan Planning Organization approves the 2050 Long Range Transportation Plan: *Moving Toward 2050*, pending approval from the Federal Highway Administration and the Federal Transit Administration.

Adopted the 21st day of May 2024, by the Charlottesville-Albemarle Metropolitan Planning Organization Policy Board.

ATTESTED:

Ned Gallaway, Chair
CA-MPO Policy Board

Memorandum

To: Charlottesville-Albemarle Metropolitan Planning Organization's (CA-MPO) Committees
From: Christine Jacobs, Executive Director, TJPDC/CA-MPO
Date: May 21, 2024
Reference: Smart Scale Final Applications

Background:

The CA-MPO staff and committees have worked diligently, in cooperation with the Virginia Department of Transportation, the Thomas Jefferson Planning District Commission, and staff in both the City of Charlottesville and Albemarle County, to identify and prepare pre-applications for Round Six (6) of Smart Scale. As a requirement of the final Smart Scale application, a signed resolution of support is needed for all projects submitted by the CA-MPO. Additionally, as a requirement of the locality's Smart Scale applications, a signed resolution of support is needed for local projects that are within the urbanized area.

All projects submitted by the CA-MPO meet the eligibility criteria for funding under Smart Scale's High Priority Program. All projects submitted by the localities within the urbanized area meet the eligibility criteria for funding under Smart Scale's District Grant Program. Supporting documentation for all final Smart Scale applications is due no later than July 15, 2024.

The descriptions below represent the most accurate descriptions available at the time of application preparation. It is important to note that details of the project may be amended as the project goes through the design phase.

Description of projects being submitted by the CA-MPO:

- a. **US250/Peter Jefferson Parkway and Rolkin Road Project Pipeline Bundle** - The project includes access management treatments to US250 at Peter Jeff. Pkwy and pedestrian improvements at US250 and Rolkin Rd. US250/Peter Jeff. Pkwy improvements include: 1) Close existing median cut between Pantops Mountain Rd. and Peter Jeff. Pkwy. 2) Close median crossing on US 250 at the Hilton Garden Inn. 3) Convert existing eastbound shared right-turn/thru-lane to thru-only. 4) Add a 220' right-turn only for eastbound traffic on US250. 5) Implement a thru-cut at the US250/Peter Jeff. Pkwy intersection, 6) Construct a 50-space park & ride lot on the NW corner of the US250/Peter Jeff. Pkwy intersection. Improvements at US250/Rolkin Rd. include, 1) An at-grade pedestrian crossing for the northern, eastern, and southern legs with a pedestrian island located in the NE quadrant. 2) Add 800' sidewalk on the southern side of US250 from Rolkin Rd. to State Farm Blvd.
- b. **I64/Fifth Street Interchange Improvement (Exit 120)** - Convert existing signalized diamond interchange to a diverging diamond interchange at the connection of I-64 and 5th Street (Exit 120). Includes 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.

- c. **Barracks Road Pipeline US 29/250 Interchange and SUP** - The Barracks Road Pipeline US 29/250 Interchange Project will include 1) hybrid roundabouts at both 29/US250 interchanges, allowing for a reduction in the lanes in the SB direction to accommodate a shared use path on the west side through the interchange, and 2) a continuous shared use path along the west side of Barracks Rd from Bennington Road to Emmet St.
- d. **Barracks Road Pipeline Corridor Improvements** - The Barracks Road Pipeline Corridor Improvements Project will include 1) hybrid roundabouts at both 29/US250 interchanges, reducing to a single lane in the SB direction 2) a continuous shared use path along the west side of Barracks Rd from the Georgetown Road to Emmet St. 3) hybrid roundabout at Georgetown Rd and Barracks Rd, 4) Closing all median cuts along Barracks road from Georgetown to the 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) Reducing the width of the lanes on Barracks Rd between Georgetown on the northern most interchange to 11 feet, and 7) Installing 2 concrete pads and up to 2 transit shelters at existing stops along Barracks Road and Georgetown Road.

Description of projects begin submitted by Albemarle County

- a. **Old Trail Drive and US 250 West Intersection Improvements** - This project would construct a 2 and 1 hybrid roundabout at the Old Trail Drive/250 intersection with pedestrian crosswalks and appropriate safety features on the northern and eastern legs of the roundabout.
- b. **Rio Road and Hillsdale/Northfield/Old Brook Improvements** - Reconstruct the existing two signalized intersections as a hybrid, multilane double roundabout. Construct shared use path along the encompassing the double roundabout and extending both north and south from the double roundabout on the east side of Rio Rd. SUP extends west onto both sides of Hillsdale to connect to existing sidewalk on the south side of Hillsdale via an added bike ramp. Integrate pedestrian crossings on all legs of the intersection. SUP connects to existing sidewalk along the south/west side of Rio Rd; SUP connects to existing SUP on the north/east side.
- c. **Barracks Road and Georgetown Road Improvements** - Reconstruct the existing signalized intersection of Georgetown and Barracks Roads as a hybrid roundabout with at-grade pedestrian crossings on all legs of the intersection. Access management along Barracks Road between Georgetown Road and westbound on- and off-ramps to US29/250. Construct a SUP along the west side of Barracks Road between Georgetown Road and Bennington Road. Construct sidewalk along the west side of Barracks Road between Bennington Road and the existing sidewalk at the first crossover on Barracks south of the US29/250 interchange. Upgrade CG-12 ramps along the east side of Barracks in the project area. Install 2 concrete pads and up to 2 transit shelters at existing stops along Barracks Road and Georgetown Road. Add SB right-turn lane starting at Bennington Road onto US 29/250 westbound to include appropriate pedestrian crossing safety controls.

Recommended Actions:

***CA-MPO Technical Committee:**

1. *Staff recommends a motion to recommend adoption of the resolution endorsing the CA-MPO's Smart Scale applications for the project described herein.
2. *Staff recommends a motion to recommend adoption of the resolution endorsing the submission of Smart Scale applications for projects submitted by localities within the urbanized area.

***CA-MPO Policy Board:**

1. Staff recommends a motion to adopt the resolution endorsing the CA-MPO's Smart Scale applications for Round Six (6), as presented.
2. Staff recommends a motion to adopt the resolution endorsing the submission of Smart Scale applications for Round Six (6), as presented.

**RESOLUTION ENDORSING THE SUBMISSION OF SMART SCALE (HB2)
APPLICATIONS REQUESTING TRANSPORTATION FUNDING BY THE
CHARLOTTESVILLE-ALBEMARLE METROPOLITAN PLANNING ORGANIZATION**

WHEREAS, the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO), in cooperation with the Virginia Department of Transportation and the Thomas Jefferson Planning District Commission, completed a comprehensive Long Range Transportation Plan (LRTP) in May 2024; and

WHEREAS, the 2050 LRTP includes the following transportation improvements; and

WHEREAS, the CA-MPO Policy Board has identified transportation projects which are critical to improve safe and efficient movement of people and goods along public roadways in the Charlottesville-Albemarle Metropolitan area; and

WHEREAS, during its 2014 session, the Virginia General Assembly enacted legislation in the form of House Bill 2 (“HB2”) now titled “Smart Scale”, which established new criteria for the allocation of transportation funding for projects within the state; and

WHEREAS, the Commonwealth Transportation Board (CTB) during its board meeting of December 4, 2023 adopted updated policy and approved the updated Guidelines for Implementation of the SMART SCALE Project Prioritization Process; and

WHEREAS, many of the transportation projects identified by the MPO meet the eligibility criteria for funding under Smart Scale’s High Priority Program; and

WHEREAS, it is in the best interests of the Metropolitan Transportation Planning Area of Charlottesville-Albemarle, for the CA-MPO, the City of Charlottesville and Albemarle County to submit HB2 applications requesting state funding for eligible transportation projects.

NOW, THEREFORE, BE IT RESOLVED that the Policy Board of the CA-MPO fully endorses the submission of a Smart Scale application requesting funding for the following transportation projects:

Being Submitted by the CA-MPO

- a. US250/Peter Jefferson Parkway and Rolkin Road Pipeline Bundle
- b. I64/Fifth Street Interchange Improvement (Exit 120)
- c. Barracks Road Pipeline US29/US250 Interchange and Shared Use Path
- d. Barracks Road Pipeline Corridor Improvements (Georgetown Road to Emmet Street)

ADOPTED this 21st day of May 2024 by the CA-MPO Policy Board being duly assembled.

ATTESTED:

Ned Galloway, Chair
Charlottesville-Albemarle MPO Policy Board



**RESOLUTION ENDORSING THE SUBMISSION OF SMART SCALE (HB2) APPLICATIONS
REQUESTING TRANSPORTATION FUNDING BY LOCALITIES**

WHEREAS, the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO), in cooperation with the Virginia Department of Transportation and the Thomas Jefferson Planning District Commission, completed a comprehensive Long Range Transportation Plan (LRTP) in May 2024; and

WHEREAS, the 2050 LRTP includes the following transportation improvements; and

WHEREAS, the CA-MPO Policy Board has identified transportation projects which are critical to improve safe and efficient movement of people and goods along public roadways in the Charlottesville-Albemarle Metropolitan area; and

WHEREAS, during its 2014 session, the Virginia General Assembly enacted legislation in the form of House Bill 2 (“HB2”) now titled “Smart Scale”, which established new criteria for the allocation of transportation funding for projects within the state; and

WHEREAS, the Commonwealth Transportation Board (CTB) during its board meeting of December 4, 2023 adopted updated policy and approved the updated Guidelines for Implementation of the Smart Scale Project Prioritization Process; and

WHEREAS, many of the transportation projects identified by the CA-MPO and its member localities meet the eligibility criteria for funding under Smart Scale; and

WHEREAS, it is in the best interests of the Metropolitan Transportation Planning Area of Charlottesville-Albemarle, for the CA-MPO, the City of Charlottesville and Albemarle County to submit Smart Scale applications requesting state funding for eligible transportation projects.

NOW, THEREFORE, BE IT RESOLVED that the Policy Board of the CA-MPO fully endorses submission of a Smart Scale application requesting funding for the following transportation projects:

Being Submitted by Albemarle County

1. Old Trail Drive and US 250 West Intersection Improvements
2. Rio Road and Hillsdale/Northfield/Old Brook Improvements
3. Barracks Road and Georgetown Road Improvements

Being Submitted by the City of Charlottesville

None

ADOPTED this 21st day of May 2024 by the CA-MPO Policy Board being duly assembled.

ATTESTED:

Ned Galloway, Chair
Charlottesville-Albemarle MPO Policy Board

Memorandum

To: Charlottesville-Albemarle Metropolitan Planning Organization's (CA-MPO) Committees
From: Christine Jacobs, Executive Director, TJPDC/CA-MPO
Date: May 21, 2024
Reference: Federal Functional Classification – Culpeper District

Background:

The Virginia Department of Transportation (VDOT) is conducting a major statewide update to the Federal Functional Classification (FFC), which historically has occurred following a decennial Census. The most recent update, the 2010 Functional Classification for Virginia, was approved in 2014 by the Federal Highways Administration (FHWA). In March 2022, the US Census released the 2020 Census data, which serves as the basis for the current statewide update.

Per VDOT's Open Data Portal, Virginia Roads, *"Functional classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide. Basic to this process is the recognition that individual roads and streets do not serve travel independently in any major way but serve as part of an overall network. Most travel involves movement throughout the network of roadways. It becomes necessary to determine how this travel can be channelized within the network in a logical and efficient manner. Functional classification defines the nature of this channelization process by defining the part that any particular road or street should play in serving the flow of trips through a highway network. The Virginia Department of Transportation's (VDOT) Transportation and Mobility Planning Division (TMPD) is responsible for maintaining the Commonwealth's official Federal Functional Classification System. TMPD determines the functional classification of the road by type of trips, expected volume, what systems the roadway connects and whether the proposed functional classification falls within the mileage percentage thresholds established by the Federal Highway Administration (FHWA)."*ⁱ

Discussion:

VDOT District Staff are coordinating the review of the proposed functional class with Virginia's MPOs. At the conclusion of the MPO review process, VDOT requests that each MPO approve a resolution acknowledging the coordination effort within Virginia on the FCC update. The resolution will serve to document VDOT's cooperation with local officials to FHWA on the effort. Following the MPO review throughout the state, VDOT will submit the updated functional classification to FHWA for their review and approval. The effort is anticipated to be finalized by September 2024.

The following materials are included in the May CA-MPO committee meeting packets (via hyperlink in the meeting agenda) so that all stakeholders have access to the proposed changes and supporting

documentation. Additionally, CA-MPO staff forwarded the materials to locality planning staff for their detailed review.

1. Culpeper Functional Classification GIS Map, Proposed Changes, 2024
2. Functional Classification Comprehensive Guide (2014)
3. Functional Classification Review and Update Methodology – Local Review
4. Draft Resolution of Support from the MPO (draft provided by VDOT)

CA-MPO staff will initially present this topic at the May CA-MPO Tech and CA-MPO Policy Board meetings as an informational item. Stakeholders will then have until Monday, June 17th to provide any comments. The updated FCC will then go before the MPO Committees in their July meetings for final review and consideration for approval by the Policy Board.

Please note, CA-MPO staff is already aware of one error in the FCC proposed changes (the 250 Corridor from Shadwell to Zion Crossroad should be a Minor Arterial, which was a previously approved change).

Recommended Action:

This is an informational item only. No action is recommended at this time.

ⁱ <https://www.virginiaroads.org/maps/VDOT::functional-classification-web-map-1/about>

Functional Classification Review and Update, 2024

Methodology

The process below summarizes VDOT's methodology for reviewing and updating the existing functional classification of Virginia roadways.

Project Setup (completed)

- Compiled data to be used for the purposes of reviewing existing Functional Classification (FC) and proposing changes including:
 - Existing FC (from 2014)
 - Updated version of the roadway Geometry (VDOT Linear Referencing System (LRS) Linework) – Roadway geometry will be updated using the latest LRS releases (2023, 2024). This may capture some roadway issues such as missing ramps, new roadways, etc.
 - 2011 and 2019 traffic volumes (and calculated percent change)
 - Roadway attribute data such as width, shoulder, speed limit, etc.
- Migrated existing FC data onto latest LRS geometry
- Set up Enterprise GIS editing environment to allow multiple editors

FC Review and Edit (completed)

- Reviewed existing FC dataset for gaps, inconsistencies, or errors
 - Proposed FC changes for these issues which mostly consisted of ramps, connections between existing classified roadways, and single unclassified sides of divided roadways
 - These proposed changes are present in the "Proposed FC Changes (ALL)" GIS layer
- Identified roads where potential FC changes were less clear than the examples in the previous step and flagged them for review by the districts
 - Proposed FC changes based on roadway characteristics, volumes, and FC of surrounding roadways
 - These proposed changes are present in the "Proposed FC Changes (for Review)" GIS layer
- Reviewed roadways associated with known Capacity Expansion projects from 2014 through 2027 as well as nearby roadways likely to be affected by those projects for changes in FC
 - Identified associated project UPCs and reviewed project scopes
 - Proposed FC changes based on completed or pending capacity expansion projects
 - Those proposed changes are present in the "Proposed FC Changes (Capacity Expansion)" GIS layer

Local Review (current phase)

*Proposed changes have been reviewed by the District planners

Web maps are available for review and contain proposed changes as well as the existing FC. Comments can be made via email referring to a feature's "FID" to identify road segment location. Users may wish to turn layers on and off and click on features to view attributes in order to see all the information clearly. Not all districts will have all the layers listed below (eg: if there are no capacity expansion-based changes in the district, the "Proposed Changes (Capacity Expansion)" layer will not be present.) Available layers and instructions on how to review them are as follows:

- Proposed FC Changes (All)
 - This layer contains all the proposed functional classification changes to the VDOT LRS for 2024
 - New or future roads that need to be added to the LRS do not exist in this layer
- Proposed FC Changes (Capacity Expansion)
 - These are proposed changes that are based on capacity expansion projects
 - Any new roads will be classified and added to the Functional Classification data as they are updated in the VDOT LRS
- FC Prime, FC Non Prime, FC Ramps
 - These are existing Functional Classifications (as of 2023) and act as reference layers

Web Map Review: How-To

1. Open the web map for your district from the links below:

NOVA: <https://arcg.is/104LCv0>

Staunton: <https://arcg.is/yzrrL1>

Culpeper: <https://arcg.is/1Dje8P0>

Fredericksburg: <https://arcg.is/11HOOu>

Hampton Roads: <https://arcg.is/1efy1a2>

Richmond: <https://arcg.is/1iXOPT0>

Lynchburg: <https://arcg.is/OSLDjn1>

Salem: <https://arcg.is/OrLP5T1>

Bristol: <https://arcg.is/1DmWnz>

2. Click on the Content tab at the top left of the page. Use the check boxes to the left of each layer to turn layers on or off
3. Click on the Legend tab at the top left of the page to view the legend
4. Clicking on a Proposed FC or Proposed Capacity Expansion FC feature in the map will open a pop-up window with more information.
5. In the pop-up window you will see the proposed FC and the attributes defined below:

FID: ID number to be used to identify features you wish to discuss with VDOT
Existing FC: Existing functional classification number
FC Name: Existing functional classification name
FC_Propsed: Proposed functional classification
Change Reason: Reason for proposed change
Comment: Any additional comments. VDOT Project UPCs are in this column for the Capacity Expansion layer

*Be aware that Roadway geometry will be updated using the latest LRS releases (2023, 2024). This may capture some roadway issues such as missing ramps, new roadways, etc. Your review should focus on the classification of roadways that are on the map.

6. Note the FID of any proposed changes that you disagree with or wish to discuss further and send them with your comments to Chris.Detmer@VDOT.Virginia.gov and Carrie.Saunders@vdot.virginia.gov

RESOLUTION OF THE
(*<NAME OF METROPOLITAN PLANNING ORGANIZATION BOARD>*)

(*<Date: Month Day, Year>*)

MOTION

Made By: (*<1st Member's Name>*)

Seconded By: (*<2nd Member's Name>*)

Action: Motion Carried, Resolution Number: (*<MPO Record Number>*)

Title: Highway Systems Functional Classifications Update-
Approval of Update by the Board

WHEREAS, functional classifications of highway systems affect transportation planning in that the categories (local, minor collector, major collector, minor arterial, principle arterial, principle arterial freeway, or principle arterial interstate) are used with highway design standards, highway construction funds or maintenance payments, access management standards, traffic calming eligibility, statistical reporting, and certain outdoor advertising controls; and

WHEREAS, periodic reviews and, as appropriate, updates of urban/urbanized area boundaries and/or functional classifications of highway systems generally are warranted in concert with U.S. Census updates for urbanized areas; and

WHEREAS, the Bureau of the Census March 17, 2022 Notice issued decennial 2020 urbanized area information, and each State is federally directed (FHWA 23 CFR 450.312, 470.105 and 109, and guidance) to use the information and undertake a thorough update, as appropriate, of urban/urbanized area boundaries and/or highway system functional classifications in cooperation with Metropolitan Planning Organizations and/or localities; and

WHEREAS, the state has proposed updates in coordination with the respective MPO to the functional classification of highways that reflect the 2020 Census information, and the (*<Name Of Metropolitan Planning Organization>*) technical committee has reviewed and recommended approval of these updates presented in the accompanying summary map by this policy Board; and

NOW, THEREFORE, BE IT RESOLVED that the (*<Name Of Metropolitan Planning Organization>*) approves the proposed updates to the highway system functional classifications presented in the accompanying summary map.

BE IT FURTHER RESOLVED that a copy of this approved resolution and the accompanying summary map shall be provided to the Federal Highway Administration Virginia Division Office for information purposes, and documentation of the MPO's participation in the federal functional classification update process.

This certifies that the (*<Name Of Metropolitan Planning Organization>*) Board approved the above resolution.

Signature(s) of attending witness(es) certifying this resolution's approval by the Board

Date