



## Central Virginia Transportation Technical Committee (TTC)

Thursday, May 9, 2024

10:30 a.m.

### Hybrid Meeting

**In-person:** CVPDC/CVTPO Conference Room  
828 Main Street, 12<sup>th</sup> Floor  
Lynchburg, VA 24504

**Virtual:** Join Zoom Meeting  
<https://us02web.zoom.us/j/84570415889?pwd=bmN5RTJiZktxK0JTM0pNbKZZZk5KQT09>

**Meeting ID:** 845 7041 5889

**Passcode:** 573211

**Phone:** 1 309 205 3325

## Agenda

1. **Welcome & Virtual Participation Acknowledgment** *Paul Harvey, Chair*
2. **Approval of Minutes: Action Requested** *Paul Harvey, Chair*  
Attachment 2: April 11, 2024, meeting minutes
3. **FY24 Work Program Update** *CVPDC/CVTPO Staff*
  - Safety Data Analysis Update
    - *Presentation by Mark Herman, Kimley-Horn*
4. **Electric Vehicle Infrastructure Information** *CVPDC/CVTPO Staff*
  - Introduction to Virginia Clean Cities
    - *Presentation by Matthew Wade*
  - Attachment 3: VA-NEVI (Phase 1-B) RFA Information
  - Attachment 4: Overview of EV Infrastructure Assistance Programs
5. **MPO Federal Functional Classification Review: Action Requested** *Marisel Fowler, CVPDC/CVTPO*  
Attachment 5: Proposed Updates to the FFC
6. **Matters from the Committee** *All*
  - Thriving Communities
  - VDOT and DRPT Program Updates
    - May is Bike Month - CVPDC Celebration May 17 Downtown Community Market, Lynchburg
  - Federal Grants Information & Updates
7. **Adjourn:** Next meeting scheduled for June 13, 2024, at 10:30 AM unless otherwise notified.

# Central Virginia Transportation Technical Committee

828 Main Street, 12th Floor, April 11, 2024, at 10:30 a.m. (Hybrid Meeting)

## Draft Minutes

### PRESENT

Josh Moore, Serving as Chair (U) ..... Greater Lynchburg Transit Company  
Erik Smedley (U/R) ..... Bedford County  
Steve Foster (U/R) ..... Bedford County  
Ryan Roberts (U) (virtual) ..... City of Lynchburg  
Tyler Creasy (U/R) (virtual) ..... Amherst County  
Jared Thompson (virtual) ..... Town of Bedford  
Rick Youngblood (virtual) ..... VDOT-Lynchburg District  
Carson Eckhardt (virtual) ..... VDOT-Lynchburg District  
Mitch Huber (virtual) ..... Virginia Department of Rail & Public Transit  
Chelsea Beytas (virtual) ..... Federal Transit Administration

### ABSENT

Mary Zirkle (R) ..... Town of Bedford  
Sara McGuffin (U) ..... Town of Amherst  
Andrew LaGala (U) ..... Lynchburg Regional Airport  
Matt Perkins (R) ..... Town of Altavista  
Terry McGhee ..... Town of Appomattox  
Johnnie Roark ..... Appomattox County  
J.P. Morris (U/R) ..... VDOT – Salem District  
Tom Martin (U) ..... City of Lynchburg  
Kathryn Benedict (U/R) ..... FHWA-Virginia

*U- Members representing the urbanized area of the region*

*R- Members representing the rural area of the region*

### STAFF PRESENT

Mariel Fowler ..... CVPDC/CVTPO  
Alec Brebner ..... CVPDC/CVTPO  
Kelly Hitchcock ..... CVPDC/CVTPO

#### **1. Welcome and Virtual Participation Acknowledgement.**

Josh Moore, GLTC, served as TTC Chair and called the meeting to order at 10:30 a.m. Mr. Moore requested that those attending virtually enter their names in the chat box to assist staff in preparing the minutes.

#### **2. Approval of Minutes**

Mr. Moore entered a motion to approve the February 8, 2024, minutes. MOTION: Rick Youngblood moved to approve the minutes. Tyler Creasy seconded the motion. All were in favor, and the motion passed.

#### **3. FY2024-2027 CVTIP Amendment**

Mariel Fowler provided an overview of the FY24-27 CVTIP Amendments. Ms. Fowler confirmed the 30-day comment period was underway, closing on April 15, 2024. Ms. Fowler confirmed no comments have been received to date. MOTION: Rick Youngblood motioned for the TTC to recommend to the CVTPO that the CVTIP Amendments be approved. Tyler Creasy seconded the motion, which was carried with full approval.

#### 4. **FY24 Work Program Update**

Ms. Fowler mentioned that we continue to work with the localities and EPR on the PSI study. She commented that Jeanie (from EPR) shared that Traffic data collection is underway, so work can start on the analyses.

Ms. Fowler updated on the Route 221 study, stating that it is slightly after the intersection study, with EPR also being the consultant. She mentioned that Erik Smedley, Salem, and Lynchburg District VDOT reps met with EPR on Tuesday, April 9th, to gather data on background growth and other development information needed to determine future traffic volumes. She shared that the growth rate along the main segment is projected at 2%. Data collection is still underway before moving on to the analyses.

For the GLTC Survey update, Ms. Fowler mentioned that the mobile fare survey launched on February 27 and closed on March 31<sup>st</sup>. 13 participants responded, and the results will be shared with the GLTC Board at their upcoming May meeting. The goal is to gauge how user-friendly the app is or if there are any areas for improvement, as well as how well the ability to pay with a credit card is being received. Mr. Moore added that a follow-up survey will be executed when the mobile fare system has been used for a few months. It was also mentioned that Phase 2, the Smart Card, is coming.

Ada Hunsberger provided an overview of the Commuter Survey activities. She noted that she will communicate with the TTC locality members to confirm contact and request that information about the Commuter Survey be posted on the locality website. Ms. Hunsberger also noted that she will include social media posting information. The survey will run from mid-April to mid-May.

For updates to the Safety Data Analysis, Ms. Fowler noted that it is still ongoing, and study details will be provided at the next TTC meeting.

#### 5. **FY25 Rural and Urban Work Program**

Ms. Fowler provided urban and rural work program drafts for the committee's consideration and recommendation to the TPO. She expressed that since distributing the packet, comments from federal agencies have been received for the UPWP, and staff is working on incorporating them. She noted that the UPWP changes will reflect the federal program and coordination wording edits, and no funding or program activities from the draft provided will be changed. Mr. Moore asked if there were any further questions regarding the Urban or Rural Work Program. There were no further questions.

MOTION: Erik Smedley moved for a recommendation of approval, seconded by Tyler Creasy, that the TTC approve the FY25 Rural Work Program and recommend approval by the CVPDC. With all in favor, the motion carried.

MOTION: Erik Smedley moved for a recommendation of approval of the FY25 UPWP with changes included by staff to the TPO, which was seconded by Ryan Roberts. With all in favor, the motion carried.

#### 6. **Matters from the Committee**

##### a. **2050 Lynchburg Model – VDOT information request**

Ms. Fowler asked localities for information on any local projects not included in the SYIP, TIP, or CLRTP, and being funded by other means. She explained that this is a VDOT information request related to the work being done for the 2050 LRTP. VDOT will need the information by the end of the month.

##### b. **SMART SCALE Program Updates**

Ms. Fowler reminded the committee that the SMART SCALE portal for full applications opens on June 1st. She mentioned that projects not in the LRP will need a resolution from the PDC or the TPO,

depending on location. Therefore, to make plans to have these resolutions by September 1st, the last day to upload them to the portal.

**c. VDOT and DRPT Program Updates**

Mr. Moore noted that the FY2025 – 2030 SYIP, for STIP inclusion consideration, will be held in Lynchburg on May 1<sup>st</sup> at the Lynchburg District office. Rick Youngblood noted that the meetings would not include SMART SCALE elements but would include VDOT State of Good Repair. Moore noted the meeting would consider rail, transit, TDM, bicycle, and pedestrian projects. These are projects for CTB June consideration.

Mr. Youngblood noted that VDOT-Lynchburg District has three (3) Project Pipeline projects underway, with various moving into Phase 3. Moving towards finalizing the Wards Road Study, where improvements are anticipated in the SMART SCALE Round 7 cycle. Rick noted the English Tavern Road Study, addressing the considerable growth along the corridor, will be holding a Public Meeting in May. The specific date is forthcoming, anticipated to be held at Highland Heights Church.

Mitch Huber noted that DRPT is leading the Connecting Commuters campaign to highlight the ConnectingVA app and the Virginia Trip Planner. Mr. Huber noted that the 5303 program applications were due in early May. DRPT, for the first time, will hold the SYIP Public Hearing at the DRPT offices on May 16<sup>th</sup> and noted the meeting can be attended in person or virtually. Finally, Mr. Huber noted there is a new \$5 million Clean Bus Planning Award program that has opened for bus electrification, and schools or public transit can apply.

Carson Eckhardt noted that VDOT is actively moving through the SMART SCALE Round 6 pre-screening process. Mr. Eckhardt noted 15 projects submitted from the Lynchburg District.

**d. Federal Grants Information & Updates**

For the Safe Street for all Safety Action Plan, Ms. Fowler shared that the selection committee met with 3 consulting firms on Wednesday April 10, 2024, hearing about their proposed approach and strategies for the region. She expressed that they were all very knowledgeable and capable, but a consensus has been made to pick one. Ms. Fowler mentioned that the name of the firm will be shared once they have been notified they were selected.

Ms. Fowler gave a brief summary of the Active Transportation Infrastructure Investment Program (ATIIP), which issued a NOFO and has a deadline for applications on June 17, 2024, stating that this is a new grant program with 44.5 million dollars in funds to plan, design, and construct safe and connected active transportation projects. She mentioned that the e-mail she sent with the April agenda had a link to the website where there are slides to the webinar slides and the video will posted. Kelly Hitchcock added that there are requirements where underserved-disadvantage community projects can qualify for a 100% match as long as certain percentages are met.

Ms. Fowler asked the group if they were interested in hearing more about the Virginia Clean Cities organization, which focuses on efforts toward Electric Vehicle Infrastructure. She continued, saying that if there was interest, a presentation could be arranged for the next TTC meeting.

**7. Adjournment**

MOTION: Rick Youngblood moved to adjourn the meeting, and Erik Smedley seconded it. The vote was unanimously approved, and the meeting adjourned at 10:55 a.m.

## Overview of the Virginia Electric Vehicle Infrastructure Program

VDOT – VA Electric Vehicle Infrastructure Deployment RFA now LIVE.

Non-mandatory pre-application conference: May 9, 2024, at 10:00 AM EST

Deadline to submit clarification questions: May 15, 2024, at 6:00 PM EST

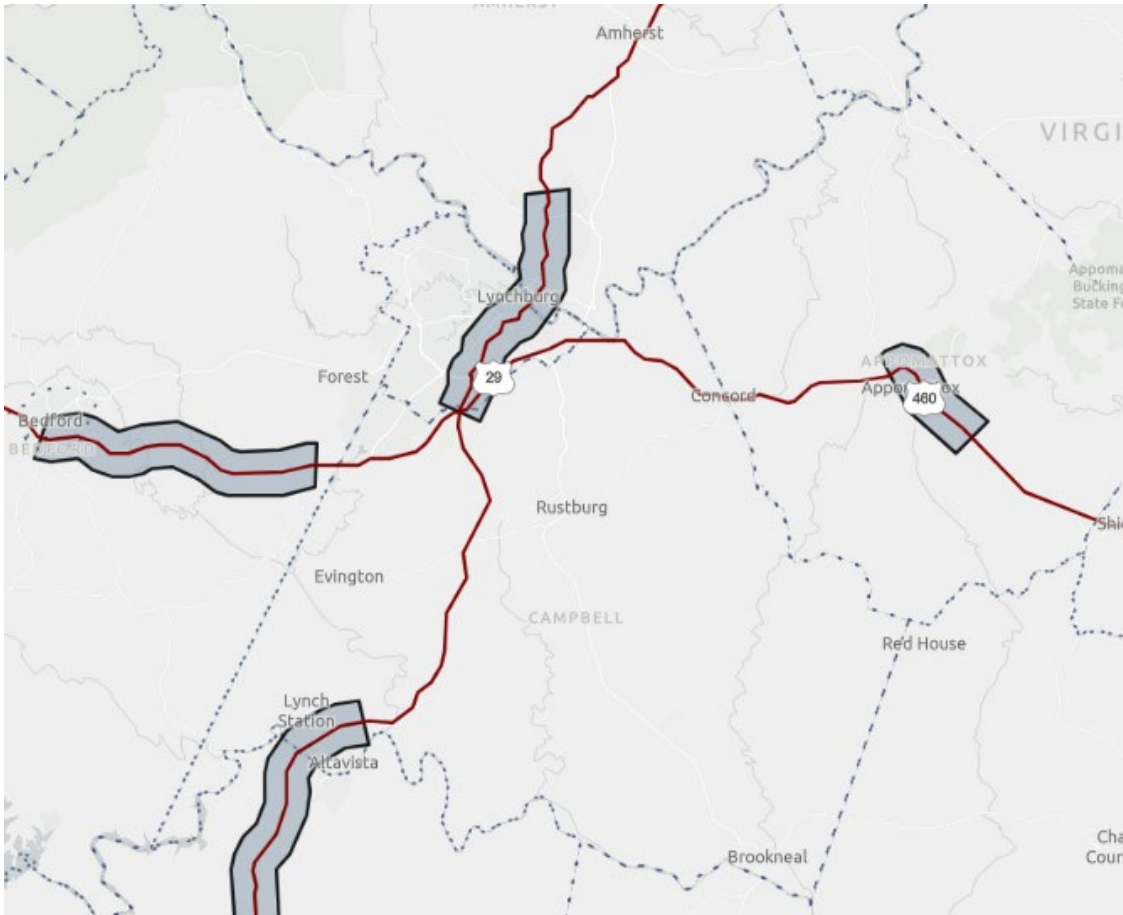
All inquiries for information must be in writing to Monique Curley at [Monique.Curley@vdot.virginia.gov](mailto:Monique.Curley@vdot.virginia.gov)

Submittal Deadline: July 10, 2024, at 6:00 PM EST

[https://mvendor.cgieva.com/Vendor/public/IVDetails.jsp?PageTitle=SO%20Details&rfp\\_id\\_lot=65651&rfp\\_id\\_round=1](https://mvendor.cgieva.com/Vendor/public/IVDetails.jsp?PageTitle=SO%20Details&rfp_id_lot=65651&rfp_id_round=1)

VDOT - Phase 1-B Target areas interactive map and website:

<https://publicinput.com/VirginiaNEVI#tab-49681>



Come join us for a presentation by Erin Belt, VDOT Program Manager for the Virginia NEVI Program, during the CVTPO May meeting on 5/16/24 at 4 p.m. More details (like joining the virtual option) will be shared in the CVTPO agenda.

[Nevi@vdot.virginia.gov](mailto:Nevi@vdot.virginia.gov) to sign up as a stakeholder and receive updates.

## EV Infrastructure Assistance & Resources

### Charging and Fueling Infrastructure Discretionary Grant Program

This is a competitive grant program to strategically deploy publicly accessible electric vehicle charging and alternative fueling infrastructure in the places people live and work – urban and rural areas alike – in addition to designated Alternative Fuel Corridors (AFCs). There are two funding categories of grants: (1) Community Charging and Fueling Grants (Community Program); and (2) Alternative Fuel Corridor Grants (Corridor Program).

<https://www.fhwa.dot.gov/environment/cfi/>

### Charging Forward: A Toolkit for Planning and Funding Rural Electric Mobility Infrastructure

This is a comprehensive resource designed to assist rural communities in scoping, planning, and identifying ways to fund EV-charging infrastructure. It is a one-stop solution for rural organizations and individuals, such as property owners, businesses, towns, Tribes, or planning and transit agencies, providing them with the tools to identify key partners, leverage planning tools, and secure available funding or financing for their projects.

<https://www.transportation.gov/rural/ev/toolkit>

### Rural Grant Applicant Toolkit for Competitive Federal Transportation Funding

The Grant Applicant Toolkit is designed for all levels of grant applicant experience. It illustrates key applicant activities for the discretionary grants process, covers USDOT and non-USDOT grant programs, and provides resources to maximize the potential for award success.

<https://www.transportation.gov/rural/grant-toolkit>

### Local Government Resources (EV Resources tab in the VA NEVI website)

<https://publicinput.com/VirginiaNEVI#tab-34473>

Regardless of the type of federal funding opportunity, local governments will be tasked with evaluating EV charging station site plans across multiple permitting programs and departments, including planning, zoning, and building. Below are resources available to assist in the evaluation and development of local policy and planning decisions.

- [Improving Permitting and Zoning for EV Fast Charging Stations](#)
- [Electrification Coalition Local Government Playbook](#)
- [NESCAUM Preparing Our Communities for Electric Vehicles](#)
- [USDOT Rural Opportunities to Use Transportation for Economic Success \(ROUTES\)](#)
- [USDOT Toolkit for Planning and Funding Rural Electric Infrastructure](#)
- [USDOT Funding Navigator](#)
- [Metropolitan Washington Council of Governments EV Deployment Clearinghouse](#)
- [Alternative Fuels Data Center - Electric Vehicle Readiness](#)

## 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 the 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 locations. 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 (e.g., 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:



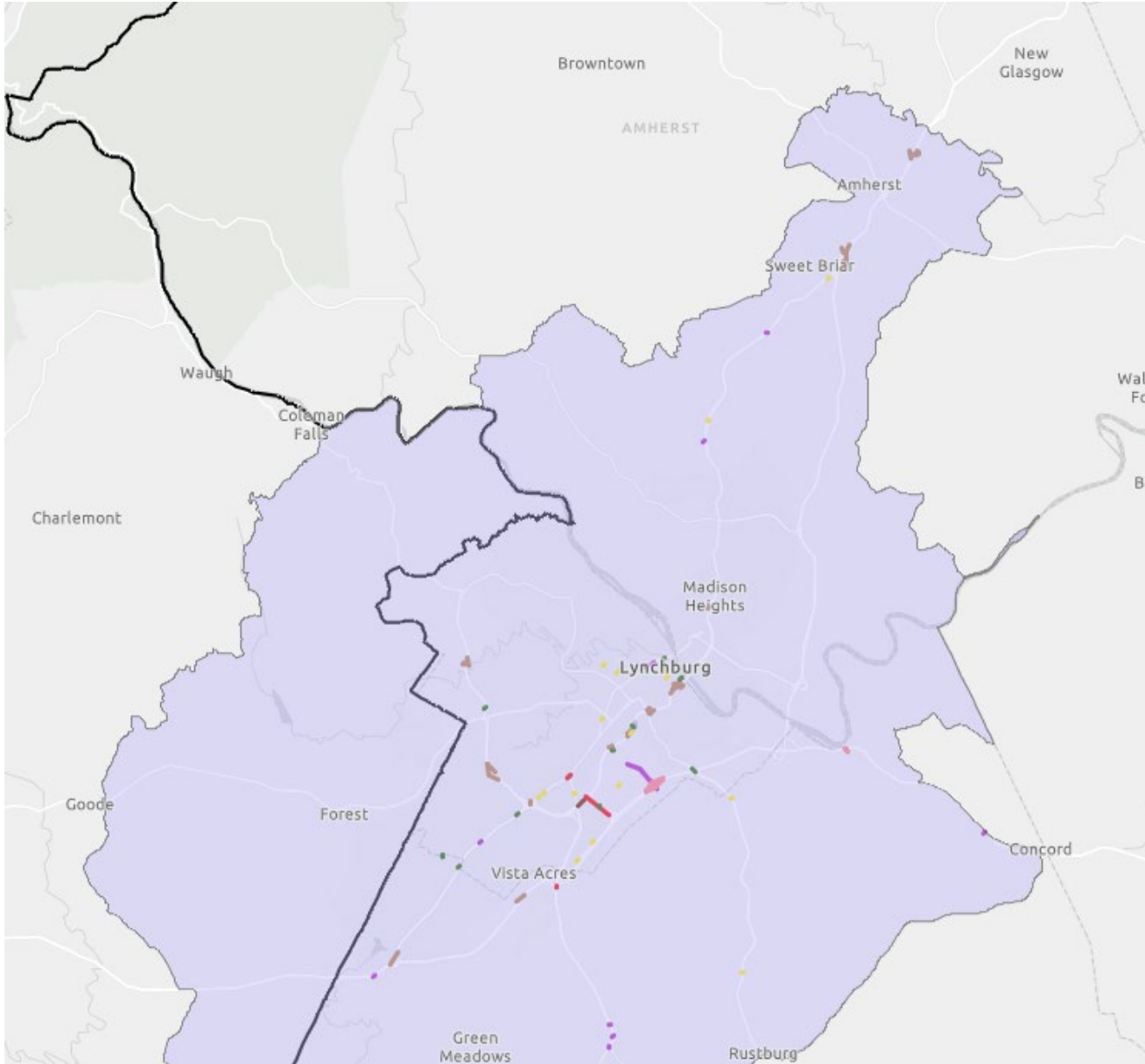
- Proposed FC Changes (All)
  - This layer contains all the proposed functional classification changes to the VDOT LRS for 2024
  - New or future roads that need to be added to the LRS do not exist in this layer.
- Proposed FC Changes (Capacity Expansion)
  - These are proposed changes that are based 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:
    - Lynchburg: <https://arcg.is/0SLDjn1>
    - Salem: <https://arcg.is/0rLP5T1>
  2. Click on the Content tab at the top left of the page. Use the checkboxes 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\_Proposed: 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](mailto:Chris.Detmer@VDOT.Virginia.gov) and [Carrie.Saunders@vdot.virginia.gov](mailto:Carrie.Saunders@vdot.virginia.gov)



### CVTPO Summary Map of Proposed Updates



Web maps available for review at:

- Lynchburg: <https://arcg.is/0SLDjn1>
- Salem: <https://arcg.is/0rLP5T1>



**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, principal arterial, principal arterial freeway, or principal 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 Central Virginia Transportation 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 Central Virginia Transportation 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.

Upon motion by Member \_\_\_\_\_, duly seconded by Member

\_\_\_\_\_, adopted this XX<sup>th</sup> day of XXX, 2024.

ATTESTED BY:

\_\_\_\_\_  
Alexander W. Brebner, Secretary  
CVTPO

CERTIFIED BY:

\_\_\_\_\_  
Frank Rogers, Chair  
CVTPO

## DRPT Agency Update – May 2024

### **DRPT FY2025 Six-Year Improvement Plan Public Hearing**

DRPT is pleased to invite the public to provide feedback on public transportation and rail projects recommended for funding in its Fiscal Year (FY) 2025-2030 Six Year Improvement Program (SYIP). The public meeting will take place on May 16, 2024, at 4:00 PM.

Community members can participate in person at DRPT's Headquarters (600 E Main St, Suite 2100, Richmond, VA 23219), DRPT's Northern Virginia office (1725 Duke Street, Suite 675, Alexandria, VA 22314), or virtually. To attend virtually, participants must register [here](#).

During the meeting, the public will have the opportunity to learn about and provide feedback on the Draft Fiscal Year 2025-2030 SYIP. DRPT's program allocates public funds to various transportation projects and initiatives, including rail, public transportation, and transportation demand management. The Draft FY 2025-2030 SYIP identifies projects proposed for inclusion in the final program, which will be presented to the Commonwealth Transportation Board (CTB) at its June meeting.

### **DRPT Connecting Commuters Campaign**

DRPT is excited to announce the Connecting Commuters marketing campaign, set to kick off on March 18, 2024. Through mid-May, DRPT wants to encourage commuters throughout Virginia to explore public transit options and [earn rider rewards by downloading the ConnectingVA app](#).

Commuters in Virginia are set to experience a new level of convenience and efficiency with the ConnectingVA app and Virginia Trip Planner provided by the Virginia Department of Rail and Public Transportation (DRPT). These tools are designed to transform travel planning by offering comprehensive information and seamless journeys for car/vanpoolers, bicyclists, and public transit passengers.

### **DRPT Creating Connections: For the Long Haul**

The Department of Rail and Public Transportation (DRPT), is launching a marketing campaign, "Creating Connections: For the Long Haul", aimed at showcasing the vital role of freight rail in Virginia's transportation infrastructure. This campaign focuses on raising awareness about the efficiencies, sustainability, and economic advantages offered by freight rail transportation as well as the DRPT programs that support freight rail throughout the Commonwealth. For more information on "Creating Connections" and to stay updated on the latest resources and information, visit [connectingva.org](https://connectingva.org).

## **DRPT Annual Bike Month Campaign**

The annual Bike Month campaign launches May 1, 2024 as a statewide initiative aiming to encourage Virginians to explore biking as a sustainable, healthy, and enjoyable commuting and recreational activity. This year's campaign places a significant emphasis on the importance of bicycle safety.

Throughout May, DRPT will be showcasing a series of engaging advertisements across various markets to spread the word about the benefits of biking. A suite of campaign materials has been prepared and designed to enable agency partners to participate and promote biking within their communities.