

Memorandum

To: Charlottesville-Albemarle Metropolitan Planning Organization's (CA-MPO) Committees
From: Christine Jacobs, Executive Director, TJPDC/CA-MPO
Date: August 20, 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 coordinated 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 August 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. Resolution of Support from the MPO (draft provided by VDOT)

CA-MPO staff initially presented this topic at the May CA-MPO Tech and CA-MPO Policy Board meetings as an informational item. Stakeholders had until Monday, June 17th to provide any comments. MPO staff received additional suggested revisions from MPO technical staff and locality staff which were forwarded on to VDOT district staff.

The updated FCC is now before the MPO Committees in their August meetings for final review and consideration for approval by the Policy Board.

Recommended Action:

MPO Technical Committee: The MPO staff recommends a motion to recommend that the Policy Board adopt the resolution approving the proposed updates to the Highway System Federal Functional Classification with the acknowledgement that additional revisions are being suggested.

MPO Policy Board: The MPO staff recommends a motion to adopt the resolution approving the proposed updates to the Highway System Federal Functional Classification with the suggested additional revisions attached to the resolution.

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



**RESOLUTION APPROVING THE PROPOSED UPDATES
TO THE HIGHWAY SYSTEM FEDERAL FUNCTIONAL CLASSIFICATION**

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 Charlottesville-Albemarle Metropolitan Planning Organization technical committee has reviewed the updates presented in the accompanying summary map by this policy Board; and

WHEREAS, at the request of the MPO technical committee and locality staff, the MPO staff has submitted suggested additional revisions, as attached; and

NOW, THEREFORE, BE IT RESOLVED that the Charlottesville-Albemarle Metropolitan Planning Organization approves the proposed updates to the highway system functional classifications presented in the accompanying summary map, with the acknowledgement that additional revisions are being requested.

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 as documentation of the MPO's participation in the federal functional classification update process.

ADOPTED this 28th day of August 2024 by the Charlottesville-Albemarle Metropolitan Policy Organization's Policy Board being duly assembled.

ATTESTED:

Ned Galloway, Chair
Charlottesville-Albemarle MPO Policy Board

Attachment: Proposed Functional Classification Revisions - Charlottesville Albemarle MPO

Segment	Requesting Locality	Current Classification	Requested Classification	VDOT Culpeper District Notes
Avon Street Extended (Route 742) - City Limits to Route 20	Albemarle/Charlottesville	Major Collector	Minor Arterial	Approved for FC change in late 2022; not reflected in the map produced for review
Barracks Road (Route 654) - City limits to Georgetown Road	Albemarle	Major Collector	Minor Arterial	Approved for FC change in late 2022; not reflected in the map produced for review
Thomas Jefferson Parkway (Route 53) - Rt. 20 to Fluvanna County line/Rt. 795	Albemarle	Major Collector	Minor Arterial	Approved for FC change in late 2022; not reflected in the map produced for review
Old Lynchburg Road (Route 631) - Sunset Ave. (Route 781) to Hickory Street	Albemarle	Major Collector	Minor Arterial	Approved for FC change in late 2022; not reflected in the map produced for review
9th St SW (segment south of W. Main Street) - dead end segment	Charlottesville	Minor Collector	Local Road	District supports this request.
9th St SW - Estes to King	Charlottesville	Minor Collector	Local Road	District supports this request.
Hillsdale Drive - Hydraulic Road to Greenbrier in Alb Co	Charlottesville	Local Road	Major Collector	District supports this request.
Cherry Avenue - Roosevelt Brown Blvd to 5th Street SW/Ridge St	Charlottesville	Major Collector	Minor Arterial	District supports this request.
Chesapeake St - segment east of Meade	Charlottesville	Local Road	Minor Collector	District supports this request.
E. Market St - segment east of Meade	Charlottesville	Local Road	Minor Collector	District supports this request.
Franklin St - Meade to Carlton Avenue		Local Road	Minor Collector	District recommends as complementary to E. Market Street segment east of Meade classification change.
Carlton Avenue - Monticello Rd to Franklin Street	Charlottesville	Local Road	Minor Collector	District supports this request.
Prospect Avenue - 9th St SW to Bailey Road	Charlottesville	Local Road	Minor Collector	District supports this request.
Bailey Road - Prospect Ave to 5th St SW	Charlottesville	Local Road	Minor Collector	District supports this request.
Rose Hill Drive - Oakleaf Ln to Rugby Ave	Charlottesville	Local Road	Major/Minor Collector	District supports this request.
Oakleaf Ln - Rose Hill Drive to Del Mar Dr		Local Road	Minor Collector	District recommends as complementary to Rose Hill Drive between Oakleaf Ln and Rugby Avenue classification change.
Del Mar Drive - Oakleaf Ln to Greenleaf Ln		Local Road	Minor Collector	District recommends as complementary to Rose Hill Drive between Oakleaf Ln and Rugby Avenue classification change.
Greenleaf Ln - Del Mar Dr to Gentry Ln		Local	Minor Collector	District recommends as complementary to Rose Hill Drive between Oakleaf Ln and Rugby Avenue classification change.
Water Street - 10th St NE Carlton Rd	Charlottesville	Local Road	Minor Collector	District supports this request.
Mill Creek Drive - Avon Street Ext to Rt. 20	Charlottesville	Local Road	Major Collector	District supports this request; fire station and school served by road. Albemarle County also support the request.
Monticello Road - Carlton Road to Levy Ave	Charlottesville	Local Road	Minor Collector	District supports this request
Meridian Street - Monticello Ave to Monticello Rd		Local Road	Minor Collector	District recommends as complementary to Monticello Road between Carlton Road and Levy Ave classification change.
Levy Ave - Monticello Road to Avon St	Charlottesville	Local Road	Minor Collector	District supports this request.
Locust Ave - Calhoun St to River Road	Charlottesville	Local Road	Minor Collector	District supports this request.
River Road - Locust Ave to Coleman St	Charlottesville	Local Road	Minor Collector	District supports this request.
Rugby Road - Rugby Rd/Dairy Rd/Gentry Ln intersection to US 250	Charlottesville	Major Collector	Minor Collector	District supports this request.