

ACTION ITEM June 11, 2024

TO Technical Advisory Committee

SUBJECT FY24 – FY27 Transportation Improvement Program (TIP) –
Henrico County Community Charging Network (T29563)

BRIEF:

Henrico submitted a request to amend the Transportation Improvement Program (TIP) to add the Henrico County Community Charging Network (UPC T29563). Henrico was awarded a \$1,452,800 Charging and Fueling Infrastructure (CFI) grant. With match, this \$1,816,000 project will provide charging infrastructure at seven public facilities around the county. This amendment will add the project to the TIP and allow the county to move forward with a project agreement.

RECOMMENDED ACTION:

The Technical Advisory Committee (TAC) should recommend approval of the proposed TIP amendment as requested by VDOT.

DISCUSSION:

Under Federal law and agreements with state agencies, the Richmond Regional Transportation Planning Organization (RRTPO) has authority to select projects and program regional Carbon Reduction Program (CRP), Congestion Mitigation and Air Quality (CMAQ), and Surface Transportation Block Grant (STBG) funds, including the Transportation Alternatives (TA) set-aside.

For other funding programs, the RRTPO does not have authority to select projects but is responsible for adding projects to the Transportation Improvement Program (TIP). Based on federal regulations and RRTPO policy, all projects proposed to be added to the TIP are screened for consistency with the regional long-range transportation plan, ConnectRVA 2045, and the regional conformity assessment. All proposed revisions are also evaluated for fiscal constraint, or the ability to fund the project with projected revenues.

The proposed amendment requested by VDOT has been reviewed by staff and found consistent with the requirements for RRTPO approval. The draft TIP block can be found in Attachment A. A summary of the findings for each requirement is included below.

Project Overview: This grant will allow Henrico County to build up to 38 EV charging ports at seven publicly accessible community facilities such as libraries, government centers, parks, and recreation sites. Funds also will be used to establish a process for identifying and planning future phases of EV infrastructure development.

ConnectRVA 2045 Consistency: ConnectRVA 2045 establishes categories of projects which are regional in nature and must be included in the constrained long-range plan (CLRP) prior to inclusion in the TIP. Conversely, other project types are considered either local or programmatic in nature and can advance without being specifically listed. The project types under each category can be reviewed in Chapter 5 of ConnectRVA 2045. Figure 1 graphically shows the consistency review process.

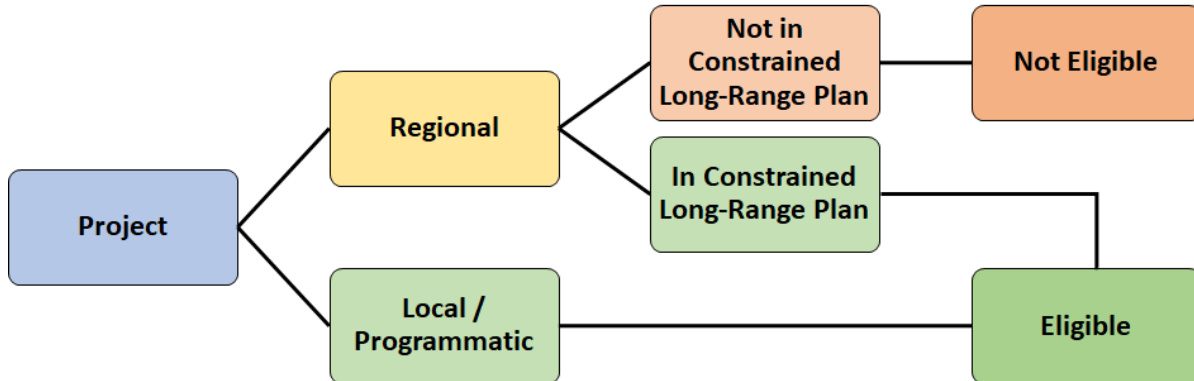


Figure 1: ConnectRVA 2045 Consistency Workflow

This project is considered local/programmatic, and the CFI funding program was not included in the financial plan for ConnectRVA 2045. This project is consistent with the long-range transportation plan.

Air Quality Conformity: Portions of the RRTPO were formerly part of the 1997 8-hour Ozone Maintenance Area and projects in these areas must either be part of the Regional Conformity Assessment or must be exempt from air quality conformity analysis under federal regulations prior to being added to the TIP. While this project is inside the predefined area it is exempt under the transportation enhancement activities exemption.

Fiscal Constraint: Henrico was awarded \$1,452,800 by the federal government for a CFI grant. The county will provide a 20% match for a total cost of \$1,816,000.

Federal Fund Source Descriptions:

CFI – The Charging and Fueling Infrastructure Discretionary Grant Program (CFI Program) is a competitive grant program to strategically deploy publicly accessible electric vehicle charging infrastructure as well as hydrogen, propane, and natural gas fueling infrastructure along designated Alternative Fuel Corridors or in other publicly accessible locations. Priority is given to projects that expand access to EV charging and alternative fueling infrastructure within rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces.

For more information, please contact Myles Busching at 804-923-7035 or mbusching@planrva.org.

ATTACHMENTS:

- A. Draft TIP Project Block

Attachment A – Draft TIP Block

UPC NO	T29563	SCOPE	Other			
SYSTEM	Miscellaneous	JURISDICTION	Henrico County	OVERSIGHT	NFO	
PROJECT	HENRICO COUNTY COMMUNITY CHARGING NETWORK			ADMIN BY	Locally	
DESCRIPTION	FROM: VARIOUS TO: VARIOUS					
PROGRAM NOTE	TIP AMD - ad \$363,200 (AC-Other) FFY24 PE phase; add \$1,452,800 (AC-Other) FFY25 CN phase					
ROUTE/STREET	COUNTY WIDE (MULTIPLE LOCATIONS) (9999)			TOTAL COST	\$1,816,000	
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE AC	Federal - AC OTHER	\$0	\$363,200	\$0	\$0	\$0
CN AC	Federal - AC OTHER	\$0	\$0	\$1,452,800	\$0	\$0