



Joint Office of  
**Energy and  
Transportation**

# Rural Maryland Electric Vehicle Symposium

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[driveelectric.gov](http://driveelectric.gov)

# FHWA Electric Vehicle Designated Corridors

- Focus of nominations is on Interstates, but does not preclude the nomination of other state highways/US roads on the NHS
- All 50 states plus DC and PR have one or more **EV** designated corridors, comprising over 75,000 miles of the NHS (33 percent) and over 45,000 miles of the Interstate System (91 percent)
- Nominations for **EV** “ready corridors” must meet requirements outlined in the National Electric Vehicle Infrastructure (NEVI) Program Guidance



[Electric Vehicle \(EV-Round 1,2,3,4,5 and 6\) - FHWA HEPGIS Maps \(dot.gov\)](#)

# BIL Programs Supported by the Joint Office

The Joint Office will provide unifying guidance, technical assistance, and analysis to support the following programs:



## **National Electric Vehicle Infrastructure (NEVI) Formula Program (U.S. DOT)**

\$5 billion for states to build a national electric vehicle (EV) charging network along corridors



## **Charging & Fueling Infrastructure Discretionary Grant Program (U.S. DOT)**

\$2.5 billion in community and corridor grants for EV charging, as well as hydrogen, natural gas, and propane fueling infrastructure



## **Low-No Emissions Grants Program for Transit (U.S. DOT)**

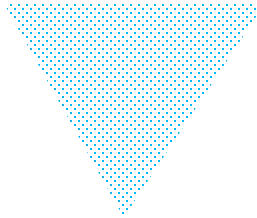
\$5.6 billion in support of low- and no-emission transit bus deployments



## **Clean School Bus Program (U.S. EPA)**

\$5 billion in support of electric school bus deployments

# Mission and Vision



## Mission

To accelerate an electrified transportation system that is affordable, convenient, equitable, reliable, and safe.

## Vision

A future where everyone can ride and drive electric.

# Joint Office of Energy and Transportation

Established in the Bipartisan Infrastructure Law to address areas of joint interest to the Departments of Energy and Transportation

**\$300M**

in FY22 funds to DOT  
with transfer authority to DOE

**9**

major areas of emphasis

# Joint Office of Energy and Transportation

## Areas of emphasis summary

- 1) technical assistance of vehicle charging
- 2) data sharing
- 3) performance of a national and regionalized study vehicle charging
- 4) training and certification programs
- 5) a program to promote renewable energy generation, storage, and grid integration
- 6) transmission pilots in the rights-of-way
- 7) research, strategies, and actions to mitigate the effects of climate change
- 8) development of a streamlined utility accommodations policy for transmission in the transportation right-of-way
- 9) any other issues that the Secretary of Transportation and the Secretary of Energy identify as issues of joint interest

# ***Charging Forward: A Toolkit for Planning and Funding Rural Electric Mobility Infrastructure* helps rural stakeholders scope, plan, and fund electric vehicle charging infrastructure.**

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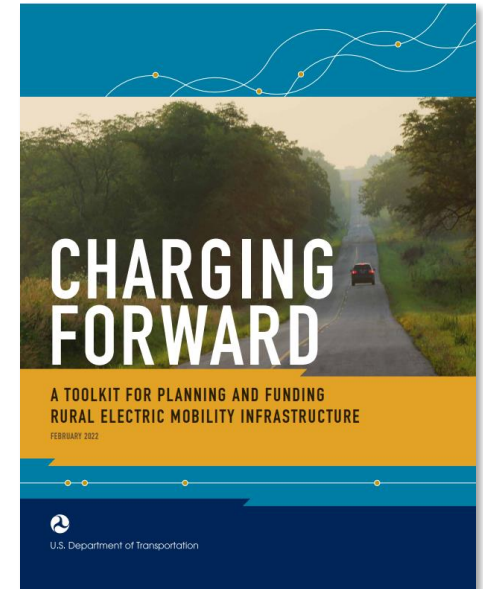
- Electric Vehicle Basics
- Benefits and Challenges of Rural Vehicle Electrification
- Partnership Opportunities
- EV Infrastructure Planning for Rural Areas
- EV Infrastructure Funding and Financing for Rural Areas

## **INCLUDES...**

- Grant and loan opportunities
- Planning tools and resources
- Rural success stories

## **PLANNED UPDATES (EARLY 2023)**

- Stakeholder feedback
- Expanded content on
  - Transit vehicles
  - School buses
  - Micromobility
  - Accessible design
- New funding programs, including the Bipartisan Infrastructure Law (BIL)
  - National Electric Vehicle Infrastructure Formula Program (\$5 billion)
  - Discretionary Grant Program for Charging and Fueling Infrastructure (\$2.5 billion)
  - Clean School Bus Program (\$5 billion)



[www.transportation.gov/rural/ev/toolkit](http://www.transportation.gov/rural/ev/toolkit)

# Tribal Engagement

## FY22 Accomplishments

- **Contributed to the National Electric Vehicle (EV) Initiative for Tribal Nations**—A collaboration with federal agency partners to commit to steps that ensure the benefits of transportation electrification are extended to Tribal communities.
- **Established Tribal Resources Page**—Clearinghouse for government-wide resources for transportation electrification in Indian Country.

**[Technical Assistance and Resources for Tribal Nations · Joint Office of Energy and Transportation \(driveelectric.gov\)](#)**

## FY23 Major Activities

- **Developing a Tribal Engagement Strategy** to incorporate perspectives from tribal communities into programmatic decision making going forward.
- **Engaging in technical assistance to Tribes** to help them navigate funding opportunities and implementation.



# Bipartisan Infrastructure Law – Technical Assistance/Local Support

[USDOT Discretionary Grant Process | US Department of Transportation](#)

## FIND

### USDOT Navigator

The [DOT Navigator](#) is a new resource to help communities understand the best ways to apply for grants, and to plan for and delivery transformative infrastructure projects and services. Whether it's the first time you're applying for a DOT grant or you're looking for more technical details and guidance, the DOT Navigator can help you get started.

### FHWA Resource Center

The [Resource Center](#) is the primary source of technical assistance and technology deployment support to FHWA's Federal, State, and local partners. It provides personalized technical assistance, customized training, and ongoing support; supports implementation of new innovations; and shares knowledge of national and international best practices.

### Funding

The [funding tab](#) includes the funding apportioned (distributed) to States based on formulas specified in Federal law. The Bipartisan Infrastructure Law also provides funding through competitive grant programs. For competitive program opportunities available to States, MPOs, Local governments, Federal Lands Management agencies, among others, refer to the [competitive grant programs](#) matrix.

For information on new and existing highway and bridge transportation funding programs for which Tribes are eligible, please refer to [Transportation Funding Opportunities for Tribal Nations](#).

**[Bipartisan Infrastructure Law - Technical Assistance and Local Support | Federal Highway Administration \(dot.gov\)](#)**

## LEARN

### Webinars

FHWA invites you to participate in informational webinars. A list of past webinars with links to the presentations/recordings is available [here](#).

### Fact Sheets

FHWA develops program [fact sheets](#) that list key information including purpose, Federal share, eligible activities, project selection, among other key information.

### Federal-aid Essentials for Local Public Agencies

The [Federal-aid Essentials for Local Public Agencies](#) features practical information designed to help local agency professionals navigate all facets of the Federal-aid Highway Program.

### National Highway Institute

The [National Highway Institute](#) (NHI) delivers a broad range of instructor-led and web-based training courses to build and maintain the professional capacity of the transportation workforce. One training course of note is "[Federal-Aid Highways – 101](#)," which introduces participants to the Federal-aid Highway Program and provides them with a basic understanding of the major aspects of the program.

## DO

### Local Technical Assistance Program (LTAP)

FHWA supports local and rural road agencies by providing training, technical assistance, and technology transfer services to help them manage and maintain their roadway systems through the [Local Technical Assistance Program](#). There are 51 LTAP Centers - one in each State and one serving Puerto Rico and the Virgin Islands.

### Tribal Technical Assistance Program (TTAP)

The [Tribal Technical Assistance Program](#) provides comprehensive transportation training and technical assistance to Tribal communities, building skills and expertise to ensure the safety and maintenance of Tribal roads and the professional development of the Tribal transportation workforce.

FHWA has awarded Six Tribal Technical Assistance Program Cooperative Agreements to re-establish regional [Tribal Technical Assistance Program](#) (TTAP) centers across the country. The centers will assist Tribal communities as they seek to access \$3 billion in Tribal Transportation Program Funding made available by President Biden's infrastructure package, as well as additional Federal funding opportunities. For additional information on TTAP Centers, please visit: [FHWA - Center for Local Aid Support - TTAP \(dot.gov\)](#).

### USDOT Rural Opportunities to Use Transportation for Economic Success (ROUTES)

[Rural Opportunities to Use Transportation for Economic Success](#) supports potential applicants in identifying and navigating USDOT discretionary grant funding opportunities for rural transportation projects.



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**Thank You**

[driveelectric.gov](http://driveelectric.gov)