



Joint Office of
**Energy and
Transportation**

Programs and Opportunities

Presented by Shelbi Small, NEVI TA Lead

Tuesday, May 23, 2023

driveelectric.gov

Agenda

- Joint Office **Overview and Priorities**
- **Program** Updates
 - ❑ National Electric Vehicle Infrastructure **(NEVI)** Formula Program
 - ❑ Charging and Fueling Infrastructure **(CFI)** Discretionary Grants Program
- Joint Office **Technical Assistance, Resources, and Funding Opportunities**



Joint Office Purpose

Established by the Bipartisan Infrastructure Law to address areas of joint interest to the U.S. Departments of Energy and Transportation

\$300M

in Fiscal Year 2022 funds to DOT with transfer authority to DOE

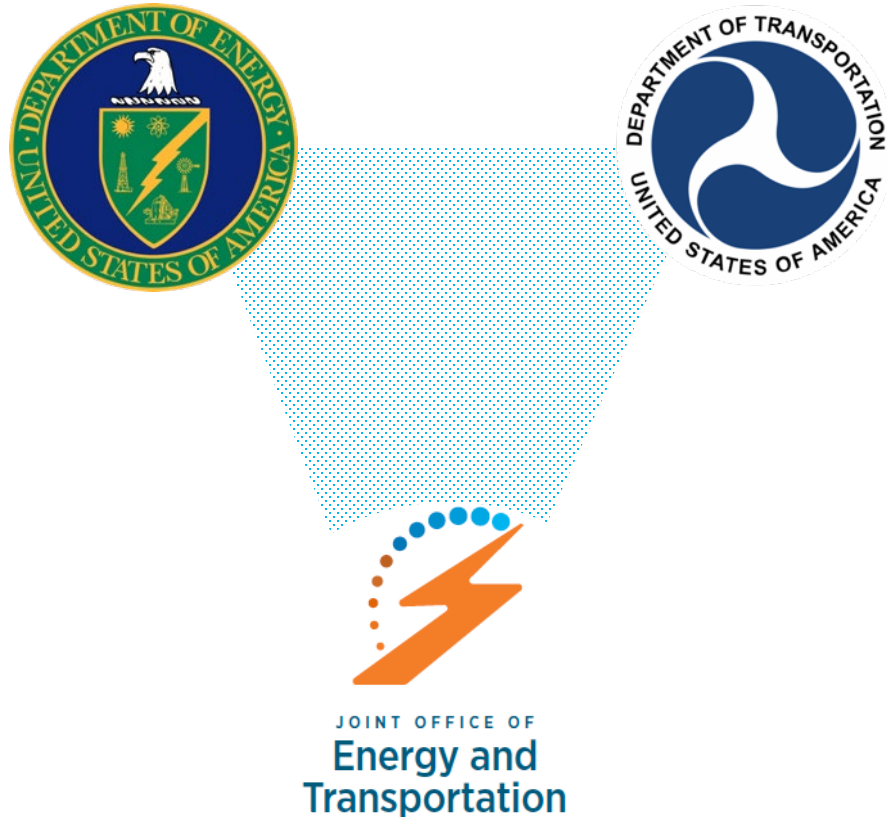
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major areas of emphasis

Areas of emphasis:

- 1) Technical assistance for zero emission vehicle charging and refueling infrastructure**
- 2) Data sharing
- 3) National and regionalized study vehicle of infrastructure needs
- 4) Training and certification programs
- 5) Program to promote renewable energy generation, storage, and grid integration
- 6) Transmission pilots in interstate rights-of-way
- 7) Research, strategies, and actions to mitigate effects of climate change
- 8) Develop streamlined utility accommodations policy for transmission in transportation right-of-way
- 9) Any other issues the Secretary of Transportation and Secretary of Energy identify as issues of joint interest

Joint Office 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.

Immediate-Term Bipartisan Infrastructure Law Priorities for the Joint Office

The Joint Office provides 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

Recent Updates

EV Charging Minimum Standards

Final Rule issued on Feb 15, 2023 (23 CFR 680)

- The final rule applies to all federally funded electric vehicle (EV) chargers, including those funded under the National Electric Vehicle Infrastructure (NEVI) Formula Program.

Buy America

Waiver of Buy America Requirements for EV Chargers issued on Feb 15, 2023 (FHWA Docket No. 2022-0023)

- Effective immediately, all EV chargers funded through the Bipartisan Infrastructure Law must be built in the United States.
- By July 2024, at least 55 percent of the cost of all components will need to be manufactured domestically.

Charging and Fueling Infrastructure Discretionary Grants

\$700 million from FY 22 and FY 23 funding is now available

- Cities, towns, tribes, and states and more are eligible to apply for the first round of funding.

What's Next for the Joint Office

● NEVI “gap-filling” grants

10% of NEVI funds are set-aside annually to fund strategic deployment of EV chargers.

● Designation of Freight Corridors

Federal Highway Administration (FHWA) will initiate the designation of **freight EV corridors**

● Round 7 – Request for Nominations (RFN)

Solicit nominations from States for **Round 7 of Alternative Fuel Corridor Designations- OPEN NOW until June 21, 2023**

● Electric Vehicle Working Group

Convene EV Working Group Federal Advisory Committee (FACA) per BIL, which will include members from across the public and private sectors in the EV industry



NEVI Program Updates

NEVI Formula Program—Guidance

- **EV charging infrastructure:**
 - Installed **every 50 miles** along the state's portions of the interstate highway system **within 1 travel mile of the interstate**, unless a discretionary exception has been granted
 - Includes **at least four 150kW DC fast chargers with Combined Charging System (CCS) ports** capable of simultaneously charging four EVs
 - Has minimum station power capability **at or above 600kW and supports at least 150kW per port simultaneously across four ports for charging**
- **Requires approved state EV deployment plan**



National Electric Vehicle Infrastructure (NEVI) Formula Program Updates

- All 50 state plans plus DC and Puerto Rico are approved by FHWA in Sept 2022
 - Unlocking \$1.5 B in FY22 and FY23 funding
- 2023 Plan Updates, FAQs, and Templates to be out SOON
- States have released or are getting ready to release RFPs

The screenshot shows the website for the Joint Office of Energy and Transportation. The page is titled "State Plans for Electric Vehicle" and provides information about the NEVI Formula Program. It includes a navigation menu with "Technical Assistance" selected, and a sub-menu with "State Plans" highlighted. The main content area features three key statistics: 615 million in actual total FY 2022 funding, 885 million in estimated total FY 2023 funding, and 75,820 miles of EV charging corridors designated as of July 2022. Below this is a table with columns for State Plan, Actual FY 2022 Funding, Estimated FY 2023 Funding, EV Charging Corridors, and NEVI Planning. The table shows data for Alabama, including links to the State Plan and Approval Letter.

State Plan	Actual FY 2022 Funding	Estimated FY 2023 Funding	EV Charging Corridors	NEVI Planning
Alabama State Plan Approval Letter	\$11,738,801	\$16,892,267	1,002 miles	Alabama NEVI Planning

National Electric Vehicle Infrastructure (NEVI) Public and Community Engagement

Meaningful public engagement with DACs includes but is not limited to:

- Clearly defining the goals of the public engagement strategy with members of DACs.
- Providing foundational information to DAC members that will equip them to actively provide feedback for NEVI decisions (e.g., outreach and education on EV charging basics, existing and planned public EV charger locations, total cost of ownership, and financial incentives).
- Gathering and publicly summarizing information about the benefits of EV charging infrastructure that DAC members most prioritize, and any concerns they may have about EV charging infrastructure deployment.
- Communicating progress on Plan development and deployment activities, including those informed by public engagement.
- Evaluating how DAC members are receiving benefits as Plans are being deployed.
- FHWA guide, Public Involvement Techniques for Transportation Decision-making

National Electric Vehicle Infrastructure (NEVI) Federal Funding Technical Assistance

Federal Aid Essentials <https://www.fhwa.dot.gov/federal-aidessentials/>

Library Directory (click to navigate)

- [Federal-aid Program Overview](#)
- [Finance](#)
- [Right-of-Way](#)
- [Environment](#)
- [Civil Rights](#)
- [Project Development](#)
- [Project Construction and Contract Administration](#)
- [Other Programs](#)

✓ denotes videos that are regulatory related and essential to a Local Public Agency charged with administering a Federal-aid Project.

FEDERAL-AID PROGRAM OVERVIEW

GENERAL INFORMATION

- [Stewardship and Oversight](#)
- [Risk-Based Stewardship and Oversight \(RBSO\)](#)
- ✓ [A Process from "Cradle to Grave"](#)
- ✓ [Key Actions in the Cradle to Grave Process](#)
- [Avoiding Waste and Abuse, and Detecting Fraud](#)
- ✓ [Funding Basics and Eligibility](#)
- ✓ [Project Requirements](#)

PROJECT DEVELOPMENT

REQUIRED APPROVALS

- [Projects and Statewide Planning Requirements](#)
- ✓ [Cost-Effectiveness Determinations and Public-Interest Findings](#)
- ✓ [Selecting the Method of Construction: Contract or Force Account](#)
- ✓ [Project Advertisement, Bid Review, and Request for Concurrence in Award](#)

DESIGN

- ✓ [Pedestrian Accessible Design Requirements](#)

National Electric Vehicle Infrastructure (NEVI) Federal Funding Technical Assistance

FHWA Title 23 Code of Federal Regulations <https://www.ecfr.gov/current/title-23>

DOT Navigator <https://www.transportation.gov/dot-navigator>

Applying for USDOT Grants

Grant Application Resources

The following resources provide general information on applying for federal grants and understanding some of the key requirements.

Overview of DOT Funding and Financing

What money is available? Learn about potential options in the [Overview of DOT Funding and Financing](#).

USDOT Discretionary Grant Process

What's the process to apply for federal grants? Find out in this overview of the [USDOT Discretionary Grant Process](#).

Snapshot of BIL Discretionary Grant Applications

See a [list of those who have applied](#) for grant programs managed by the USDOT Office of the Secretary.



Discretionary Grant Program for Charging and Fueling Infrastructure (CFI)

Applications are now open!

\$700M in FY22 and FY23 funding now available!

- Application period will close **May 30, 2023, at 11:59 pm EST** through **grants.gov**

Program is divided into two distinct **\$1.25 billion grant programs** over 5 years:

- **Corridor** Charging Grant Program
- **Community** Charging Grant Program

The screenshot displays the Grants.gov interface for a specific grant opportunity. At the top, the Grants.gov logo and navigation menu are visible. The main content area shows the following details:

- Document Type:** Grants Notice
- Funding Opportunity Number:** 693JJ320NF00005
- Funding Opportunity Title:** Commuter Authority Rail Safety Improvement (CARS) Grants
- Opportunity Category:** Discretionary
- Opportunity Category Explanation:** Transportation
- Funding Instrument Type:** Grant
- Category of Funding Activity:** Transportation
- Category Explanation:** CFDA Number(s): 20.205 -- Highway Planning and Construction
- Expected Number of Awards:** 20.205 -- Highway Planning and Construction
- Cost Sharing or Matching Requirement:** Yes
- Version:** Synopsis 1
- Posted Date:** Aug 25, 2020
- Last Updated Date:** Aug 25, 2020
- Original Closing Date for Applications:** Oct 26, 2020
- Current Closing Date for Applications:** Oct 26, 2020
- Archive Date:** Nov 25, 2020
- Estimated Total Program Funding:** \$50,000,000
- Award Ceiling:** \$50,000,000
- Award Floor:** \$0

Eligible Entities

- States or political subdivision of States
- Metropolitan planning organizations
- Unit of local governments
- Special purpose districts or public authorities with a transportation function, including port authorities
- Indian tribes
- U.S. Territories
- Authorities, agencies, or instrumentalities or entities owned by one or more entities listed above
- Group of entities listed above
- State or local authorities with ownership of publicly accessible transportation facilities (**applies to Community Program only**)

Discretionary Grant Program for Charging and Fueling Infrastructure

Applications are now
open!

Eligible Activities Include:

- Development phase activities
- Acquisition and installation of infrastructure for fueling (EV and Alt. Fuel)
- Construction or reconstruction costs associated directly with charging/fueling.
- Acquisition of real property directly related to the project.



Key Requirements of the Corridor Charging Grant

Applications are now open!

- **Award Size**
 - Minimum anticipated award of \$1M
 - No maximum award size
- **Located along a designated AFC**
 - EV charging within 1 mile and other alternative fuels within 5 miles of the AFC
- **Must be publicly accessible.**
- **MUST use funds to contract with a private entity.**
- **Must address environmental justice.**
- **Must be accessible to and usable by individuals with disabilities.**

Corridor Program - Additional Project Narrative

FHWA is interested in corridor charging and fueling deployment projects **in several focus areas**. As applicable, applicants are encouraged to indicate which focus area(s) their proposed project address(es) and **how the project contributes to the build-out of a national corridor network**.

- **Demonstrate Build-Out of Alternative Fueling Corridors**
- **Zero Emission Corridors for Medium- and Heavy-Duty Vehicles**
- **Resiliency**



Key Requirements of the **Community Charging Grant**

Applications are now
open!

- **Award Size**
 - Minimum anticipated award of \$500,000
 - Maximum award of \$15M
 - \$350 million available (FY22 & FY23)
- **Located on any public road or in other publicly accessible locations**
 - i.e. parking facilities at public buildings, public schools, and public parks, or in publicly accessible parking facilities owned or managed by a private entity.
- **Must be publicly accessible.**
- **May use funds to contract with a private entity.**
- **Must address environmental justice.**
- **Must be accessible to and usable by individuals with disabilities.**

Community Program - Additional Project Narrative

FHWA is interested in community projects **in several focus areas**. As applicable, applicants are encouraged to indicate which focus area(s) their proposed project address(es).

- **Multi-Modal Hubs and Shared-Use Fleets and Services**
- **Urban/Suburban Area Charging and Fueling Solutions**
- **Rural Area Charging and Fueling Solutions**
- **Fleet Vehicles that Serve and Operate in Communities**

Questions for the Charging and Fueling Infrastructure Discretionary Grant Program should be submitted to **CFIgrants@dot.gov**

The image displays two overlapping screenshots. The top screenshot is from the FHWA website, showing the 'Office of Planning, Environment, & Realty (HEP)' section. It features a navigation menu with 'Planning', 'Environment', and 'Real Estate' tabs. Below this is a banner for the 'Charging and Fueling Infrastructure Discretionary Grant Program' with an illustration of a bridge, mountains, and various vehicles. A sidebar on the left lists 'Grant Resources' and 'Contacts' for Neelam Patel and Michael Culp. The main content area is titled 'Charging and Fueling Infrastructure Discretionary Grant Program' and includes a callout box stating 'The Notice of Funding Opportunity (NOFO) is now available at Grants.gov'. The bottom screenshot is from Grants.gov, showing the 'VIEW GRANT OPPORTUNITY' page for the program. It includes the Grants.gov logo, a search bar, and a navigation menu. The main content area displays the grant number '693JJ323NF00004' and the program name 'Charging and Fueling Infrastructure (CFI) Discretionary Grant Program'. There are 'Apply' and 'Subscribe' buttons, and a 'Back | Link' link. At the bottom, there are tabs for 'SYNOPSIS', 'VERSION HISTORY', 'RELATED DOCUMENTS', and 'PACKAGE'.

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

Clean School Bus Program

Open NOW!

Don't miss any updates-
visit
epa.gov/cleanschoolbus

Under **Title XI: Clean School Buses and Ferries**, the Bipartisan Infrastructure Law (BIL) provides **\$5 billion** over five years (FY22-26) for the **replacement of existing school buses with clean school buses and zero-emission school buses.**

These new clean school bus replacements will **produce either zero or low tailpipe emissions compared to their older diesel predecessors.**

School bus upgrades funded under this program will **result in cleaner air on the bus, in bus loading areas, and in the communities in which they operate.**

The first funding opportunity was the 2022 Clean School Bus Rebates.

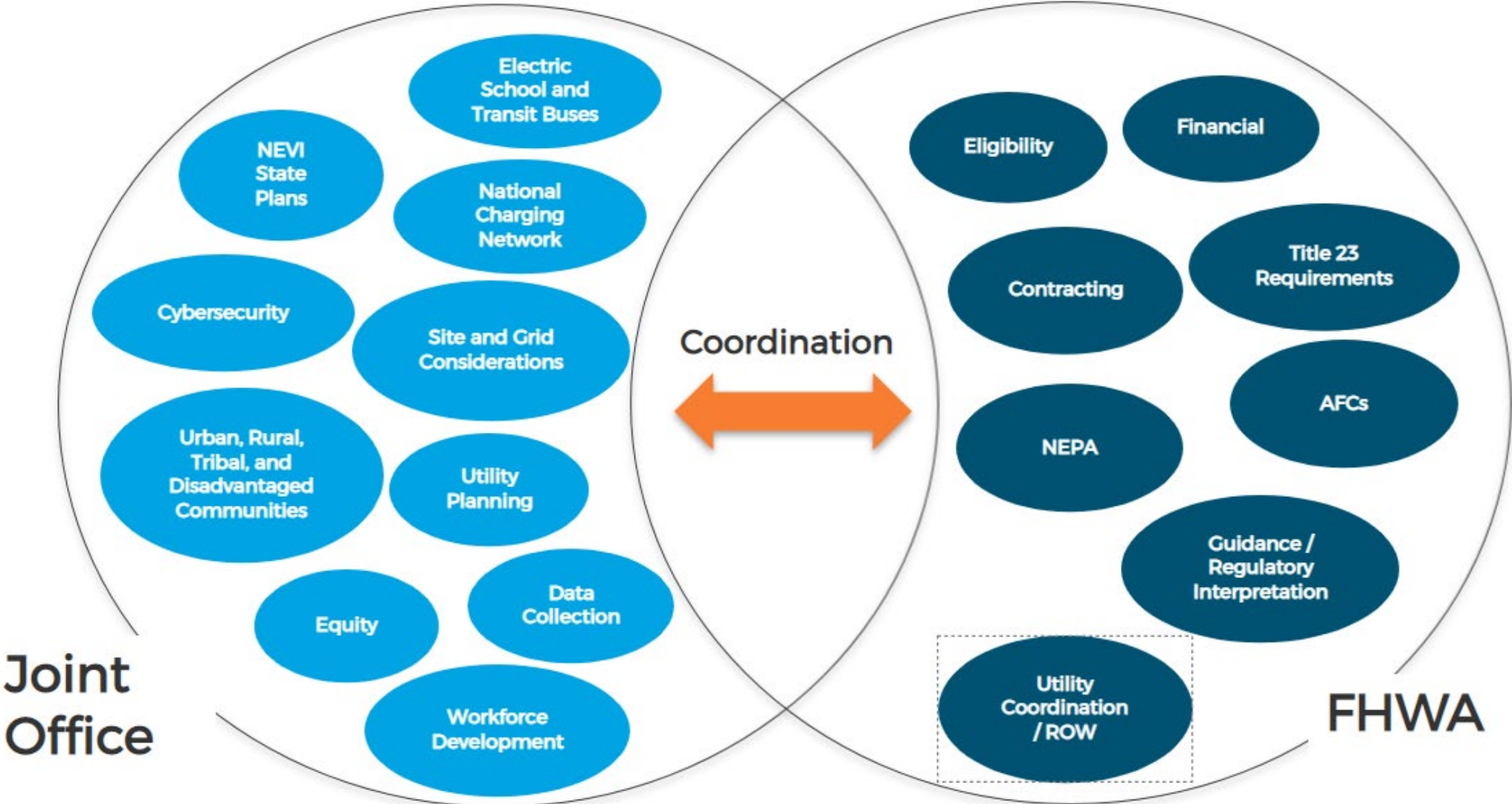
The 2023 CSB Program Notice of Funding Opportunity is now open until August 9, 2023, 11:59PM ET.





Technical Assistance

Providing NEVI Technical Assistance (TA)



Technical Assistance Strategies

- Specialized assistance for **states, communities, Tribal Nations, transit agencies,** and **school districts**
- **One-on-one meetings** with states to address questions and concerns related to NEVI Formula Program
- **Concierge service** (phone, email, web form) to efficiently route technical assistance requests for NEVI, electric school buses, and transit buses
- Technical assistance support team has **50 staff members across 10 organizations.**

Technical Assistance

The Joint Office of Energy and Transportation (Joint Office) provides technical assistance on planning and implementation of a national network of electric vehicle chargers and zero-emission fueling infrastructure as well as zero-emission transit and school buses.

States and Communities

The Joint Office provides technical assistance for [states and communities](#) creating and executing [state plans](#) under the National Electric Vehicle Infrastructure Formula Program and the Charging and Fueling Infrastructure Discretionary Grant Program.

Tribal Nations

The Joint Office provides technical assistance to [tribal nations](#) electrifying their transportation systems. Learn more about zero-emission transportation [funding opportunities for tribal nations](#).

School Districts

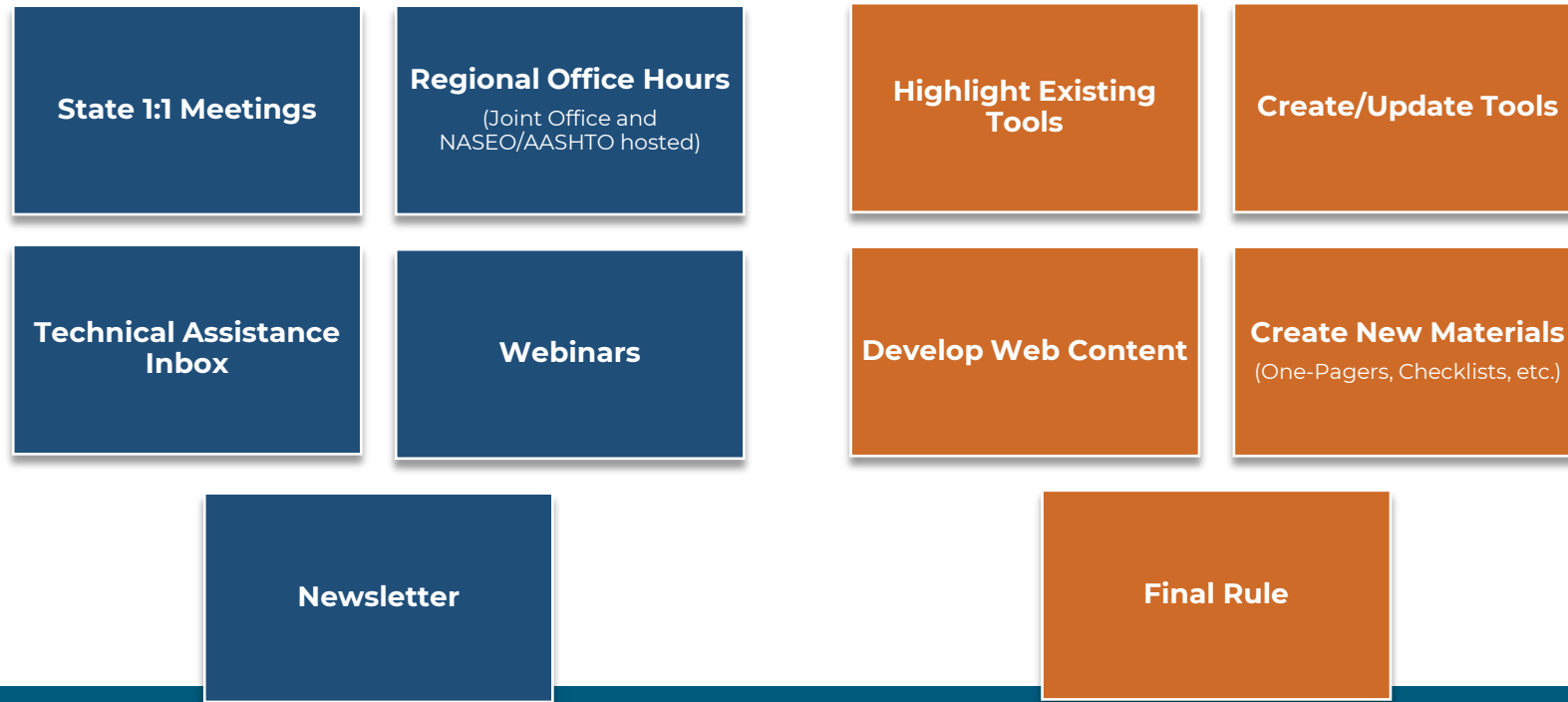
The Joint Office provides technical assistance to [school districts](#) applying for or receiving funding through the U.S. Environmental Protection Agency's Clean School Bus Program.

Transit Agencies

The Joint Office provides technical assistance to [transit agencies](#) applying for or receiving funding through the Federal Transit Administration's Low or No Emission Vehicle Program.

driveelectric.gov/technical-assistance

Use TA Channels → To Spread Awareness of New and Existing Resources



Joint Office TA Approach

Based on feedback, the Joint Office will work to continue to address these topics in the coming months through new and existing TA channels.

DriveElectric.gov has collated, cutting-edge resources



energy.gov | transportation.gov

About ▾ Technical Assistance ▾ Data & Tools Contact

Data and Tools

As part of a suite of [technical assistance](#) resources, the Joint Office of Energy and Transportation connects stakeholders with critical data and tools. These resources will expand over time to meet evolving needs. Initially, this suite of resources is aimed to help transportation stakeholders deploy electric vehicle (EV) charging infrastructure by:

- Providing foundational data sets, including installed chargers and designated corridors
- Helping states discover information independently
- Enabling the market to expand using core capabilities from the U.S. Department of Energy and the U.S. Department of Transportation
- Addressing gaps in existing data sets and tool requirements
- Facilitating connections among states with EV charging experts

Technical Assistance Resources by Audience

- **[States and Communities](#)**: Resources to connect state and community stakeholders with critical data and tools
- **[Tribal Nations](#)**: Resources for tribal nations navigating transportation electrification
- **[School Districts](#)**: Resources that can help school districts plan for and deploy clean school buses
- **[Transit Agencies](#)**: Resources that can help transit fleets plan for and deploy clean transit buses

driveelectric.gov/resources

USDOT's Rural and Urban EV Infrastructure Toolkits

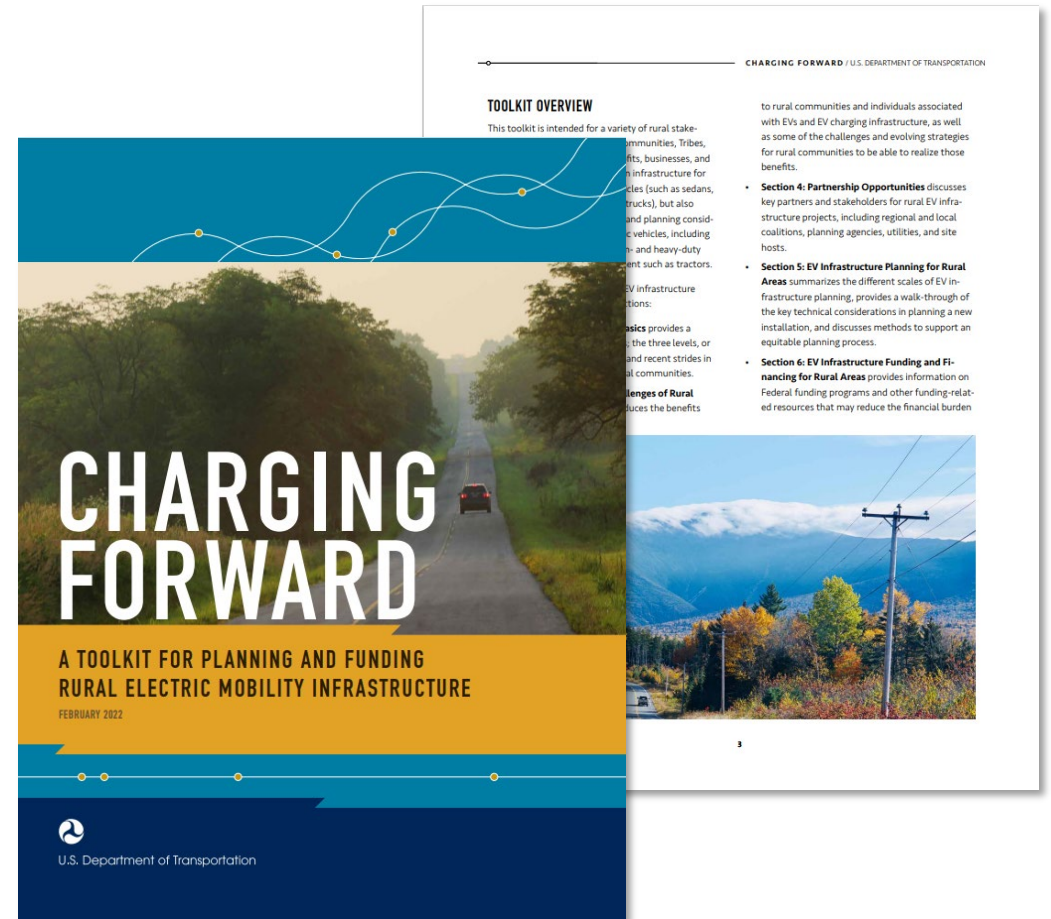
Rural EV Toolkit-

Version 2 Released May 4, 2023

- Updates based on stakeholder feedback
- Expanded content on:
 - Transit vehicles
 - School buses
 - Micromobility
 - Accessible design
- New funding programs, including the Bipartisan Infrastructure Law (BIL)

Urban Toolkit (Preview avail. 5/16)

- Reframed for urban (e.g., benefits/challenges, success stories, resources, funding programs)
- Multifamily, building codes, curbside charging, fleet charging (micromobility, ride-hailing, taxi)
- Relevant funding opportunities



Thank You!



Contact:
Driveelectric.gov

CFI Grant Questions: CFIGrants@dot.gov

Clean School Bus Questions: cleanschoolbus@epa.gov