



Prepared by the Office of Natural Environment

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Announcements

Charging and Fueling Infrastructure Discretionary Grant Program

The Federal Highway Administration (FHWA) is announcing the second funding opportunity for electric vehicle (EV) charging and alternative-fueling infrastructure in communities across the country and along designated highways, interstates, and major roadways. The Charging and Fueling Infrastructure (CFI) Program Round 2 Notice of Funding Opportunity (NOFO) offers up to \$800 million for new applications developed under the criteria in the Round 2 NOFO. The NOFO also reserves \$521 million for previously submitted applications under the past NOFO and requested that FHWA be notified that an applicant wishes to be reconsidered by July 1, 2024. The \$1.3 billion funding opportunity is made possible by the Bipartisan Infrastructure Law's signature EV charging investments: the \$2.5 billion [CFI Discretionary Grant Program](#) and a 10 percent set-aside from the [National Electric Vehicle Infrastructure Formula Program](#). Eligible entities for Round 2 funding include states, metropolitan planning organizations, local governments, port authorities, Indian Tribes, U.S. territories, and more as defined in the NOFO. New Round 2 applications are **due by August 28, 2024**. For more information on this opportunity, please review the NOFO on [grants.gov](#), opportunity number 693JJ324NF00017.

Federal Highway Administration (FHWA) Request for Nominations – Alternative Fuel Corridors

The Round 8 Request for Nominations (RFN) was released on June 14, 2024, and provides State and local agencies an opportunity to nominate Alternative Fuel Corridors (AFC) for electric vehicle (EV) charging and other alternative fuel types. AFC designation for EV charging is tied to funding eligibility under the National Electric Vehicle Infrastructure Formula Program and the Charging and Fueling Infrastructure Discretionary Grant Program. In addition to nominating AFCs, the Round 8 RFN provides an opportunity to make recommended changes to the designated Freight Electric Vehicle Corridors. The FHWA has created an [Alternative Fuel Corridors](#) website to provide information on the previous rounds of corridor designations and to provide information on future designations. The due date is **August 1, 2024**. If you have any questions, please contact [Diane Turchetta](#) or [Will Stein](#) of the Office of Natural Environment.

Updated National Electric Vehicle Infrastructure (NEVI) Formula Program Guidance

FHWA announced the NEVI Formula Program Guidance and an accompanying State EV Infrastructure Deployment Plan template. The June 11, 2024, Program Guidance and State Plan template supersede the guidance and template issued on June 2, 2023. Key changes include: 1) an accompanying streamlined template to emphasize consistency with previously approved plans, 2) requested information regarding plans and priorities for the time period after corridors are fully built out, and 3) requested information for States to demonstrate meaningful progress in implementing their previously approved plans. Please note that the deadline for the submission of State Plans was extended to September 1, 2024. The updated documents are available on [FHWA's NEVI webpage](#). If you have any questions about the NEVI Formula Program, please contact [Suraiya Motsinger](#), [Diane Turchetta](#) or [Will Stein](#).

Environmental Excellence Awards

FHWA has announced the 2024 Environmental Excellence Award (EEA) recipients. The winning projects and programs exemplify FHWA's priorities of safety, economic strength and global competitiveness, equity, climate and sustainability, transformation, and organizational excellence. The EEAs recognize outstanding transportation projects, processes, and organizations that incorporate environmental stewardship into the planning and project development processes using FHWA funding sources. For information on the winning projects and programs for 2024 visit the [EEA webpage](#).

Transit Resilience Guidebook

Federal Transit Administration (FTA) released the [Transit Resilience Guidebook](#), a resource to help transit agencies, local government officials, metropolitan planning organizations, and other entities anticipate, adapt to, and recover from service disruptions caused by extreme weather events, natural disasters, and climate change impacts. The guidebook presents recommendations and examples of how to identify and address climate vulnerabilities and risks and build resilience into transit assets, while ensuring priority is given to protecting vulnerable populations. The guidebook also includes real-world examples from transit agencies nationwide to illustrate the benefits of resilience planning. FTA's [Climate Considerations webpage](#) links to additional FTA sustainability and resilience resources.

New Fuel Economy Standards

The U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) issued [new vehicle fuel economy standards](#) that will save Americans more than \$23 billion in fuel costs while reducing pollution. In this final rule, fuel economy increases will bring

the average light-duty vehicle fuel economy up to approximately 50.4 miles per gallon by model year 2031, saving passenger car and light truck owners more than \$600 in fuel over the lifetime of their vehicles. Heavy-duty pickup truck and van fuel efficiency will increase 10% per year for model years 2030-2032 and 8% per year for model years 2033-2035. This will result in a fleetwide average of approximately 35 miles per gallon by model year 2035, saving heavy-duty pickup and van owners more than \$700 in fuel over the lifetime of their vehicles. These improved standards will save almost 70 billion gallons of gasoline through 2050, preventing more than 710 million metric tons of carbon dioxide emissions by 2050. For more information, please see [NHTSA's Corporate Average Fuel Economy page](#).

Updated MOVES Greenhouse Gas Guidance and Hands-on Training

The U.S. Environmental Protection Agency (EPA) is announcing the availability of two resources:

- Updated [MOtor Vehicle Emission Simulator \(MOVES\) greenhouse gas \(GHG\) guidance](#) covers how to estimate GHG emissions and/or energy consumption from on road and nonroad vehicles and equipment in any geographic area. This guidance reflects the latest model update, MOVES4.0.1, that provides additional options for GHG modeling for State, tribal, and local agencies.
- [MOVES4 Hands-on Training](#) including a new module on modeling climate pollutants and energy analysis that reflects the updated GHG guidance.

EPA's [State and Local Transportation Resources web page](#) provides mobile source GHG information, including guidance for estimating emission benefits of transportation strategies. See the [MOVES web page](#) for information on the MOVES software as well as other technical reports that document the data and algorithms used in MOVES, and tools for use with MOVES.

TRB Annual Meeting Paper Submissions

The [104th TRB Annual Meeting](#) is scheduled for **January 5–9, 2025**, in Washington, DC. Registration includes over 4,000 presentations in more than 650 workshops and sessions, 400+ meetings organized by TRB standing committees, 3 days of exhibits showcasing transportation-related products and services, and more. Registration will open in September. [Paper submission](#) is now open and the submission site closes on August 1st. Learn more by reviewing the [Submission Instructions](#) as well as information on [Presentation Submission Requirements](#).

Resources and TrainingAir Quality Courses:

FHWA Resource Center Environment, Air Quality & Realty Team Training Activities

The FHWA Resource Center recently put on a webinar called “Introduction to Motor Vehicle Emissions Simulator (MOVES) for Non-Modelers.” A recording of the webinar is available on

the [FHWA Conformity Training webpage](#) under “Web-based Training.” The webinar provided an overview of the Environmental Protection Agency’s (EPA’s) MOVES vehicle emissions model for managers and other non-modelers. It also covered when and how MOVES is used, updates included in the recent MOVES4 release, and differences between MOVES4 and MOVES3. Please contact [Chris Dresser](#) with any questions. FHWA’s Resource Center Environment, Air Quality & Realty Team is available to offer EPA’s [MOVES](#) and other trainings. Please contact [Mike Roberts](#), for additional information or to discuss scheduling a training.

NHI Free Air Quality Planning Web-based Course

The National Highway Institute (NHI) Air Quality Planning web-based training series is designed for transportation practitioners. It includes four modules: Clean Air Act Overview ([FHWA-NHI-142068](#)), State Implementation Plan (SIP) and Transportation Control Measure (TCM) Requirements and Policies ([FHWA-NHI-142069](#)), SIP Development Process ([FHWA-NHI-142070](#)), and Transportation Conformity ([FHWA-NHI-142071](#)). All courses are free. For more information, visit the [NHI website](#) and search “Air Quality Planning,” or look for the specific course number. Please contact [Karen Perritt](#) at (202) 366-9066 with any questions or comments.

FHWA NEPA Air Quality Analysis for Highway Projects

The FHWA Resource Center Environment, Air Quality & Realty Team periodically conducts a series of training sessions on National Environmental Policy Act (NEPA) Air Quality Analysis for Highway Projects. The training includes sessions on project-level applications appropriate for managers and practitioners, as well as hands-on sessions intended for modelers. If you are interested in this training, please contact [George Noel](#).

Training Available for PM Hot-spot Analysis

The FHWA Resource Center has developed a training course to cover the Particulate Matter (PM) hot-spot requirement under the transportation conformity rule. This three-day course provides detailed, hands-on instruction on how to complete a quantitative PM hot-spot analysis in accordance with EPA's guidance. The course is geared towards State and local agency staff who will be completing these analyses, as well as those who may be reviewing, approving, or otherwise assessing hot-spot analyses. Previous modeling experience is not necessary, although familiarity with MOVES and air quality dispersion modeling may be helpful. The course includes class discussion and numerous hands-on exercises, including a hypothetical project that will be carried through the course as an example of a quantitative PM hot-spot analysis. Contact [Chris Dresser](#) if you have questions related to this training course.

CMAQ Course:

FHWA Web-Based Training on the Congestion Mitigation and Air Quality (CMAQ) Improvement Program

Several web-based CMAQ training opportunities are available on-demand on FHWA's CMAQ training website. This page includes CMAQ program training such as CMAQ Overview, the CMAQ Transportation Performance Measures and the CMAQ Annual Reporting/Public Access System. Training Information for CMAQ Emissions Calculator Toolkit such as available tools and their associated webinars along with CMAQ Toolkit Video Series are available on the CMAQ Emissions Calculator Toolkit website. For questions, please contact [Mark Glaze](#), [Karen Perritt](#) or [Eddie Dancausse](#).

Conformity Course:

FHWA Web-Based Transportation Conformity Training

Several web-based transportation conformity training opportunities are available on-demand from [FHWA's conformity training website](#) (under "Web-based Training"). This page includes a webinar recording for "Introduction to MOVES for Non-Modelers." The target audience for these training materials are FHWA staff and State and local transportation partners (Metropolitan Planning Organizations and State Departments of Transportation) who are either new to or would like a refresher training on the conformity process. For questions, please contact [David Kall](#).

Resilience Courses:

National Highway Institute (NHI) In-Person Resilience Course

NHI provides an in-person course focused on planning and designing highway projects to be more resilient to changing climate conditions. It is a 2.5 day course in inland areas, or 3 day course in coastal areas, and includes material on climate science, tools and methods for assessing future conditions and addressing them in project development, and consideration in a range of engineering disciplines: inland flooding, coastal hydraulics, pavements and geohazards. The target audience includes engineering, project planning and environmental staff; the series is also relevant to regional planners, asset managers, and others seeking to integrate climate change considerations into their practices. Fees related to the course would be eligible under the Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation Formula Program. For more information about the NHI In-Person Resilience Course, please contact [Robert Kafalenos](#).

In-person course: [Addressing Climate Resilience in Highway Project Development and Preliminary Design \(NHI 142085\)](#)

National Highway Institute (NHI) Resilience Training Courses

The National Highway Institute (NHI) recently released four one-hour web-based courses focused on resilience to climate change and extreme weather events. The four courses provide an introduction to past and expected future environmental conditions, future sea levels, climate datasets and modeling tools for temperature and precipitation change, system level vulnerability assessment, and methods for conducting project-level resilience assessments. The target audience includes engineering, project planning and environmental staff; the series is also relevant to regional planners, asset managers, and others seeking to integrate climate change considerations into their practices. Virtual courses (free):

- [FHWA-NHI-142081 Understanding Past, Current and Future Climate Conditions](#)
- [FHWA-NHI-142082 Introduction to Temperature and Precipitation Projections](#)
- [FHWA-NHI-142083 Systems Level Vulnerability Assessments](#)
- [FHWA-NHI-142084 Adaptation Analysis for Project Decision Making](#)

Traffic Noise Courses:

TNM 3.2 Instructor-led Training Course

FHWA is working on updates to the Instructor-led TNM course. This course is offered in-person and virtually by the Resource Center. It focuses on TNM 3.2 and how to use the software. For questions on scheduling a course in your area please contact the [Resource Center's Air Quality](#) team.

For policy background information please see the NHI's Highway Traffic Noise Course modules, which are available online free of charge at the NHI website or via our Training webpage. For any questions, please contact [Aileen Varela-Margolles](#).

FHWA Web-Based TNM Training

FHWA created a [Traffic Noise Model \(TNM\) Playlist on its YouTube Channel](#). These short-format videos demonstrate how to install TNM, complete basic tasks in the software, and provide details on specific features. Additional videos will be added throughout the year. Additional TNM Training materials are available on the [FWHA Noise Training Website](#). For technical assistance with TNM please contact TNMHelp@dot.gov.

NHI No Cost Highway Traffic and Construction Noise Course

FHWA's Planning, Environment, and Realty office and the National Highway Institute (NHI), in cooperation with the Resource Center and Division Offices, have updated and launched a web-based Traffic Noise Training Course. This on-demand, web-based training was a previously

multi-day, instructor-led course. This course is now available on the NHI website at no cost and provides a comprehensive overview of all aspects of the highway traffic noise program. The courses are available on the [NHI website](#) by searching for “highway noise” and locating course codes 142086 – 142094.

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Past issues of the Air Quality and Sustainability Highlights are available on

FHWA's [Air Quality website](#) and [Sustainability website](#)

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