



Federal Highway Administration Micromobility Activities

The United States Department of Transportation (U.S. DOT) is advancing research on the rapidly evolving field of micromobility. The Federal Highway Administration's (FHWA) Office of Planning, Environment, and Realty (HEP) is the lead convener on the topic, engaging offices across U.S. DOT to coordinate on the following projects and initiatives. These efforts are designed to further the state of the practice, and promote collaboration with internal and external stakeholders.

U.S. DOT Micromobility Working Group

Within HEP, the Office of Human Environment (HEPH) leads a working group with participants from across U.S. DOT to coordinate on current and future micromobility research, and to discuss timely issues related to this rapidly evolving area. The Micromobility Working Group maintains an internal database of ongoing U.S. DOT micromobility research projects, as well as relevant resources from organizations outside of U.S. DOT.

Micromobility Research and Coordination

HEPH, with support from the U.S. DOT Volpe Center, has compiled current available information to establish FHWA's definition of micromobility, and consider Federal, State, and local roles in this emerging area. After evaluating information on safety, infrastructure, and equity, HEPH is now developing a prioritized research agenda for micromobility, in coordination with contacts across U.S. DOT. FHWA is also conducting original research about e-bikes, including use of e-bikes on Federal, State, and local public lands.

Micromobility Info Briefs

HEPH worked with the Pedestrian Bicycle Information Center to develop two micromobility info briefs. The [first brief](#) presents powered forms of micromobility and compares their characteristics with other traditional and emerging forms of transportation. The [second brief](#) documents best practices in mid-sized cities on device permitting and regulatory issues, safety concerns, and infrastructure design.

Curbside Management

HEPH and Office of Freight Management and Operations, in coordination with the Institute of Transportation Engineers, is conducting research on curbside management that explores how communities can better assess, prioritize, and optimize curb space considerations for accessibility, delivery access, and micromobility.

Integrating Emerging Mobility into Transportation Management

The Office of Operations is offering virtual and in-person technical support to State DOTs and Metropolitan Planning Organizations looking to integrate emerging mobility innovations into transportation planning and operations management. The in-person technical support will provide agencies with strategies to integrate various forms of shared mobility and mobility-on-demand concepts into transportation planning, programming, and systems operations and management. In addition to the in-person technical support, the project will also include two webinars to support practitioners with the integration of emerging mobility into transportation management.

External Coordination

FHWA coordinates with a number of external stakeholders to advance the state of the practice with micromobility. This includes engagement with the Transportation Research Board's Mobility Management Committee, the National Science Foundation's Smart & Connected Communities program, and the North American Bike Share Association. This coordination provides a forum for information sharing and collaborative research efforts within this rapidly evolving field.



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