

# Office of Transportation Workforce Development and Technology Deployment

## Local Aid Support



U.S. Department of Transportation  
Federal Highway Administration

U.S. Department of Transportation  
Federal Highway Administration

Local Aid Support

**THAT'S FORWARD MOMENTUM**

Build a Better  
**MOUSETRAP**  
National Recognition Program for Transportation Innovation

Federal Highway Administration  
LOCAL AID SUPPORT

Online Training

Build a Better Mousetrap

Coordinated Technology Implementation Program Publications

Partnerships

Books and a mug on a table

Laptop displaying a website

Informational posters including:

- Transportation Training Institute
- Traffic Monitoring in Recreational Areas
- Local Aid Support
- Local Aid Support for Tribal Communities
- Local Aid Support for Tribal Communities
- Local Aid Support for Tribal Communities

Federal Highway Administration  
LOCAL AID SUPPORT

**Online Training**

LOCAL AID SUPPORT

**LTAP**  
Local & Tribal Technical Assistance Program

**Tribal Technical Assistance Program**

U.S. Department of Transportation  
Federal Highway Administration

LOCAL AID SUPPORT

Build a Better  
**MOUSETRAP**





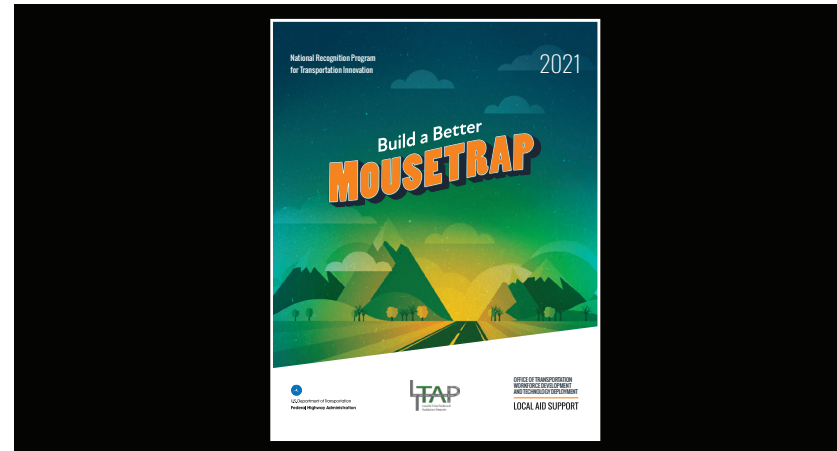
# Build a Better Mousetrap Booklets, Videos, Application Guide, PowerPoint Template, and Signature Graphic



U.S. Department of Transportation  
Federal Highway Administration



Build a Better Mousetrap 2020 Booklet



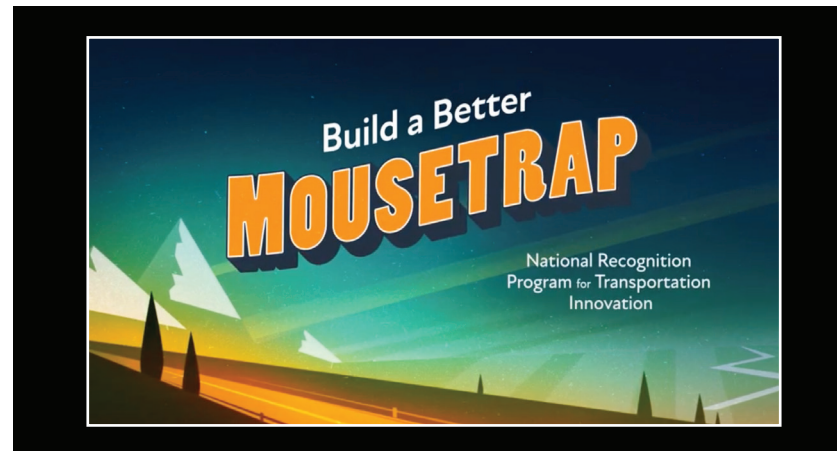
Build a Better Mousetrap 2021 Booklet



2020 Build a Better Mousetrap 15-second video



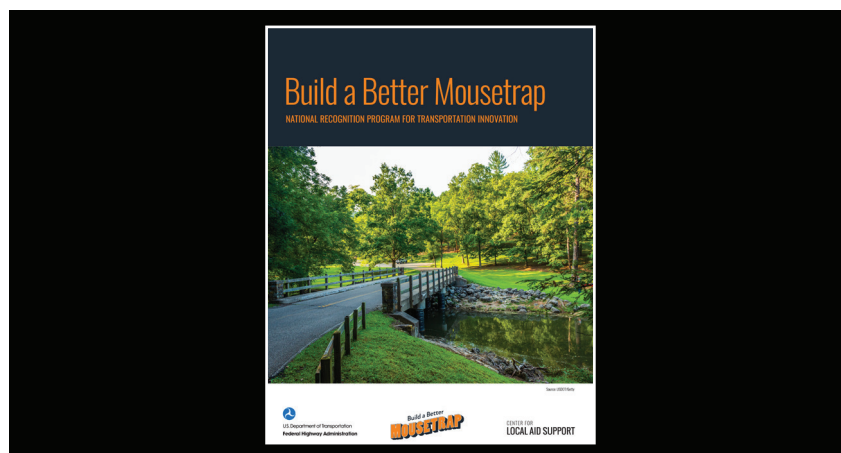
2021 Build a Better Mousetrap 15-second video



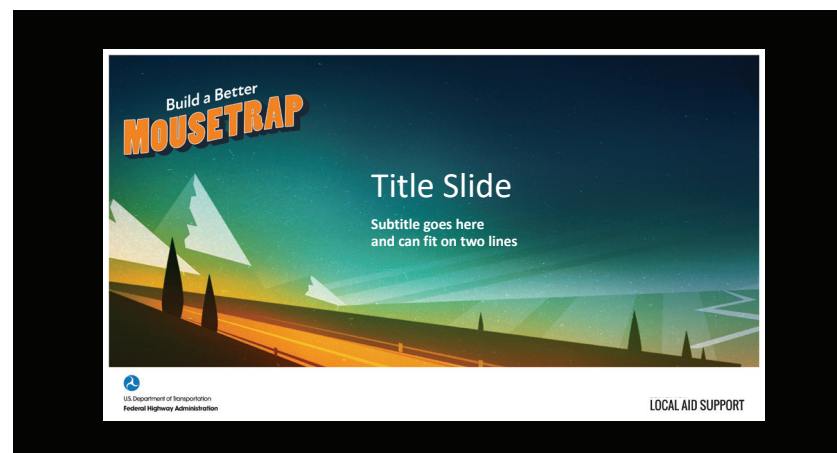
2020 Build a Better Mousetrap 60-second video



2021 Build a Better Mousetrap Honoree video



Build a Better Mousetrap Application Guide



2021 Build a Better Mousetrap PowerPoint template



2021 Build a Better Mousetrap signature graphics

# Local and Tribal Technical Assistance Programs, and Webinars, Online Training Library, and Tech Briefs



U.S. Department of Transportation  
Federal Highway Administration

**Local Technical Assistance Program (LTAP)**

Since 1982, FHWA has supported local and tribal road agencies across the US by providing training, technical assistance and technology transfer services to help them manage and maintain their roadway systems. The primary vehicle for this effort has been the Local Technical Assistance Program (LTAP), a network of 51 local centers across the US and in Puerto Rico funded by FHWA.

Through LTAP these local public agencies have received mission-critical services that their own resources or traditionally under-served portion of the national roadway system. Often, LTAP training events and professional assistance were the only source for locally relevant and compatible resources. Over the years LTAP has carried a significant load in providing these services. The program, with its low-to-no-cost model and practical accessibility, is a benefit to a local agency workforce challenged by limited access to training and technical assistance resources.

For more information about the National LTAP please visit National Local Technical Assistance Program Assistance Website.

**FIND A LTAP CENTER**

Select a state from the map below to get LTAP center information.

Local Technical Assistance Program (LTAP)

**Opportunity Highway**

**Tribal Technical Assistance Program (TTAP)**

**LEARNING TECHNICAL ASSISTANCE GRANTS AND FUNDING**

**BACKGROUND**

In 1982, Congress recognized that providing access to surface transportation technology, technical assistance and training to local public agencies (LPA) was necessary and created the Rural Technical Assistance Program (RTAP). The National Surface Transportation Efficiency and Safety Act (NSTEESA) in 1991 reauthorized the program the Local Technical Assistance Program (LTAP) and created the Tribal Technical Assistance Program (TTAP). The TTAP was designed to build the capacity of the 573 federally recognized tribes to manage their highway assets by providing training and technical assistance. TTAP is funded under FHWA's Training and Education programs. The legislative authority to create the TTAP is contained in 23 U.S.C. 504(e).

The Local Technical Assistance Program (LTAP) assists local highway agencies in each State to meet the challenge of maintaining and rehabilitating roads and bridges and some rural road practices and innovative technology to meet local needs. There are 51 LTAP Centers (one in each State and one serving Puerto Rico and the Virgin Islands). Every State operates their LTAP Center within the State DOT. The remaining State DOTs contract this function outside of the DOT, predominantly at academic institutions. While the LTAP requires a 50 percent non-Federal match, many States elect to contribute more than 50 percent for LTAP.

The Tribal Technical Assistance Program (TTAP) provides comprehensive transportation training and technical assistance to tribal communities, building skills and expertise to ensure the safety and maintenance of tribal roads. The TTAP is a discretionary program that is a 100 percent Federal grant.

**PROGRAM STATUS**

Fund for this program has been reauthorized as a 5-year delivery model. A Notice of Funding (NOFI) establishing the regional TTAP Centers has been published to invite grants. It is anticipated that implementation of the new delivery model for the Tribal Technical Assistance Program will occur in 2022. Ongoing training and technical assistance remain available during the program's temporary suspension.

Under the future model, the TTAP Centers will be coordinated through FHWA with the Bureau of Indian Affairs (BIA) and other partners to work towards addressing the same goal: building capacity to support the Tribal delivery of their transportation programs.

Tribal Technical Assistance Program (TTAP)

**Innovation Exchange**  
Conversations Learning Change  
Powered by the Federal Highway Administration's Local Aid Support

**Evaluation of New Data Collection Technologies for Visitor Use Patterns on Federal Lands**  
Thursday, September 16, 2021 12:00 p.m. ET

Recreation travel is fundamentally different than commuter or freight travel patterns. Federal Land managers are interested in better data to understand how to manage visitor travel while providing great visitor experiences and protecting resources. The Evaluate Use of New Technology for Visitor Use Patterns Study evaluated whether this new technology would advance understanding of visitor travel patterns and origin/destination for recreation travel. The National Park Service, Federal Highway Administration (FHWA), and the US Fish and Wildlife Service cooperated to conduct the pilot at four parks/lands:

1. Anches National Park (National Park Service)
2. Grand Staircase-Escalante National Monument (Bureau of Land Management)
3. Inyo National Park (National Park Service)
4. Rocky Mountain Avonard National Wildlife Refuge (U.S. Fish and Wildlife Service)

In this Innovation Exchange webinar, National Park Service transportation staff and VMS project consultants will share their administration project systems and lessons learned. Areas of focus include:

- Innovation Travel from the Federal Land Management Agencies
- Why Bluetooth Technology?
- Pilot Deployment Issues
- Case Study: Bluetooth Pilot Deployment at Inyo National Park
- Findings and Lessons Learned

For questions, contact Linda Muehlenberg, Program Manager with FHWA's Transportation Program at [linda\\_muehlenberg@fhwa.doe.gov](mailto:linda_muehlenberg@fhwa.doe.gov)

No registration required. To access the webinar, data will be emailed to you and you will receive a mobile app. Scan the QR code to download the app. Call the toll-free number 1-888-662-1572. Phone Conference ID: 964 622 2754

Innovation Exchange Webinars

**Federal Highway Administration**  
LOCAL AID SUPPORT

**NEW Online Training**

The all transportation professionals  
No registration required  
No cost and available 24 hours a day  
Take at your own pace

Content provides anytime, anywhere access to dozens of training topics designed to meet your individual transportation needs. The training modules may qualify for Professional Development Hours (PDHs), however Continuing Education Units (CEUs) are not available. Start your learning today! Visit <https://www.fhwa.doe.gov/ceus/courses>

U.S. Department of Transportation  
Federal Highway Administration

**LOCAL AID SUPPORT**

Online Training Library

**TECH BRIEF**  
Coordinated Technology Implementation Program

**Internally Cured Concrete (ICC)**

This technical brief provides an overview of the benefits, limitations, and applications of Internally Cured Concrete for bridge decks. Considerations for specifications, construction, curing, and maintenance are discussed.

**The Challenge**

Internally cured concrete bridge decks in the U.S. are being used. The challenge is to ensure that the concrete is properly cured and that the curing process is controlled. The challenge is to ensure that the concrete is properly cured and that the curing process is controlled. The challenge is to ensure that the concrete is properly cured and that the curing process is controlled.

**Key Results**

Internally Cured Concrete (ICC) significantly reduced curing shrinkage and cracking of bridge decks.

**Potential Impact**

Internally cured concrete bridge decks for internal curing by the curing process.

Tech Brief – Internally Cured Concrete (ICC)

Publication number: FHWA-HN-21-013

**Tech Brief: Insulated Pavements for Low-Volume Roads**

2021

U.S. Department of Transportation  
Federal Highway Administration

Tech Brief – Insulated Pavements

Publication number: FHWA-HN-21-010

**Tech Brief: Cold Weather Concreting for Transportation Agencies**

2021

U.S. Department of Transportation  
Federal Highway Administration

Tech Brief – Cold Weather Concreting

**Tech Brief: Using All Terrain Vehicles (ATVs) to Control Dust on Rural and Remote Community Roads**

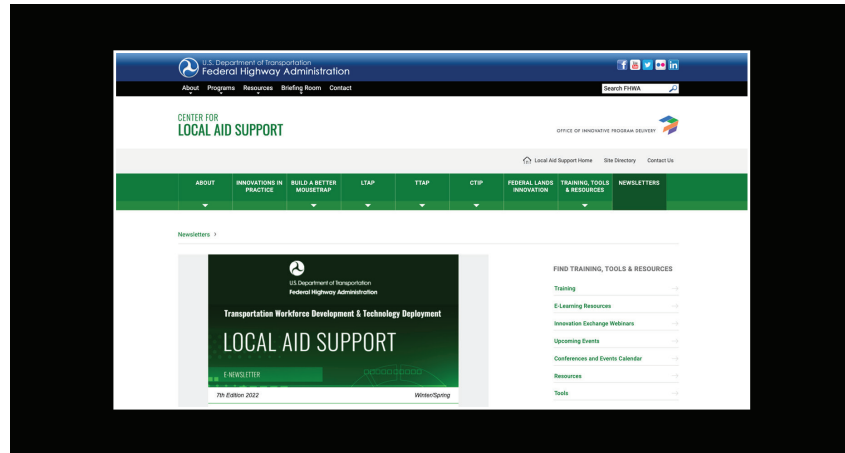
2021

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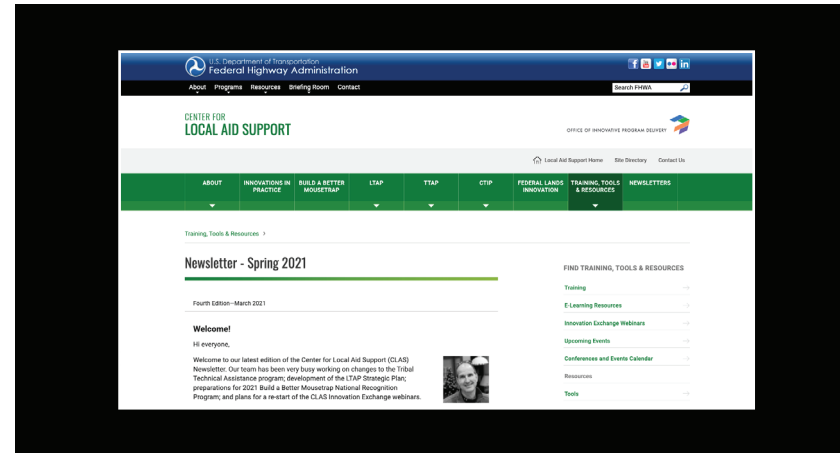
Publication number: FHWA-HN-21-011

Tech Brief – ATVs to Control Dust

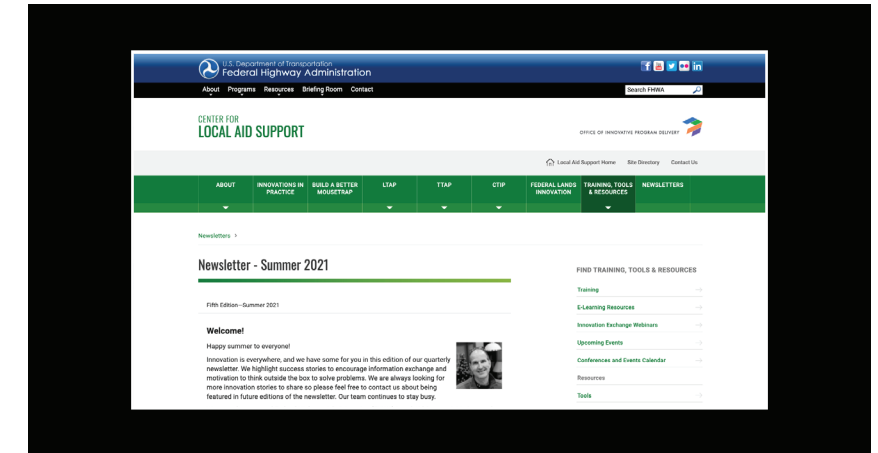
# Local Aid Support (LAS) Newsletters, Information Flyer, Performance Assessment Report (PAR) Infographic Flyer, and E-Learning Resources



LAS Winter 2022 Newsletter



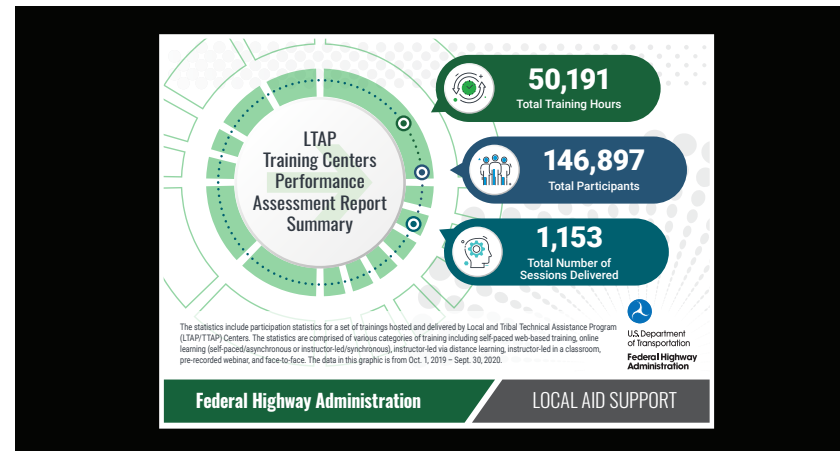
LAS Fall 2021 Newsletter



LAS Summer 2021 Newsletter



LAS Information Flyer



PAR Infographic Flyer



E-Learning Resources

