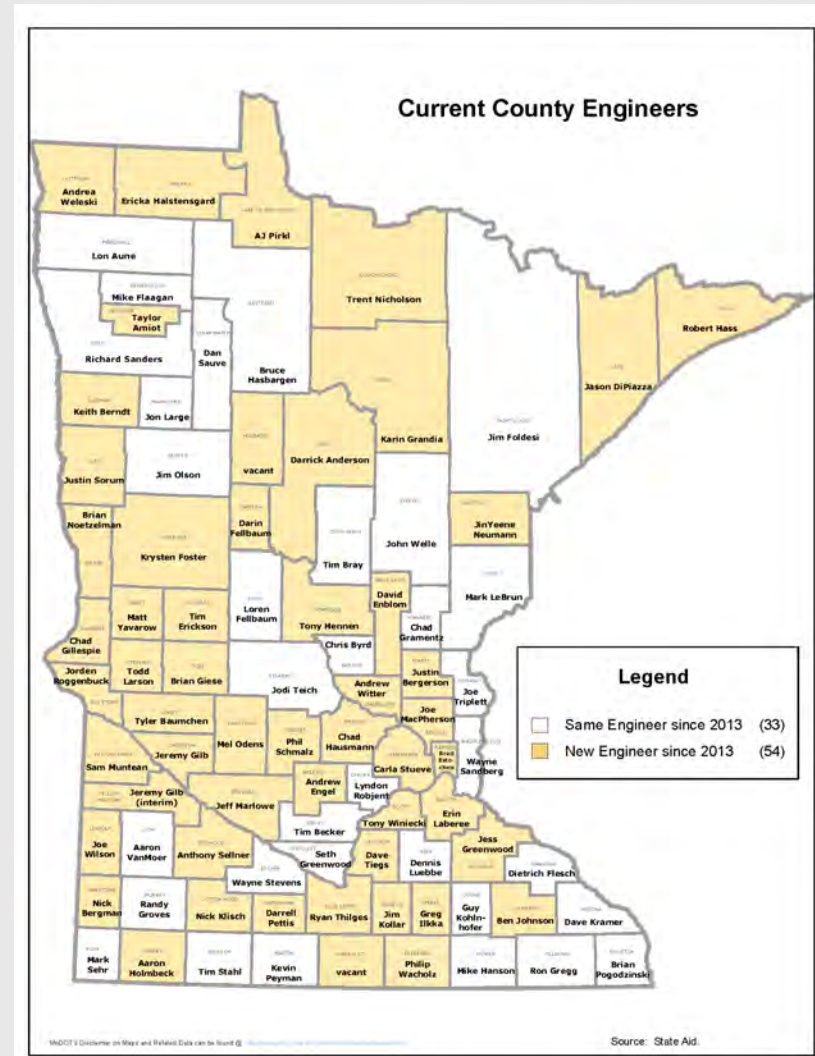




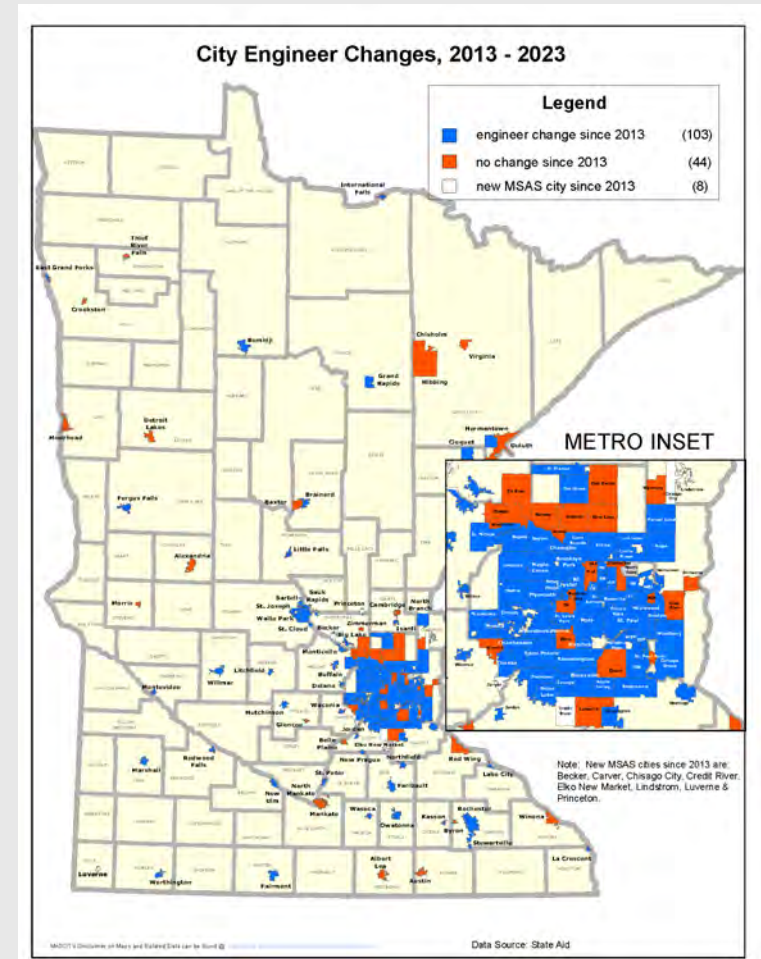
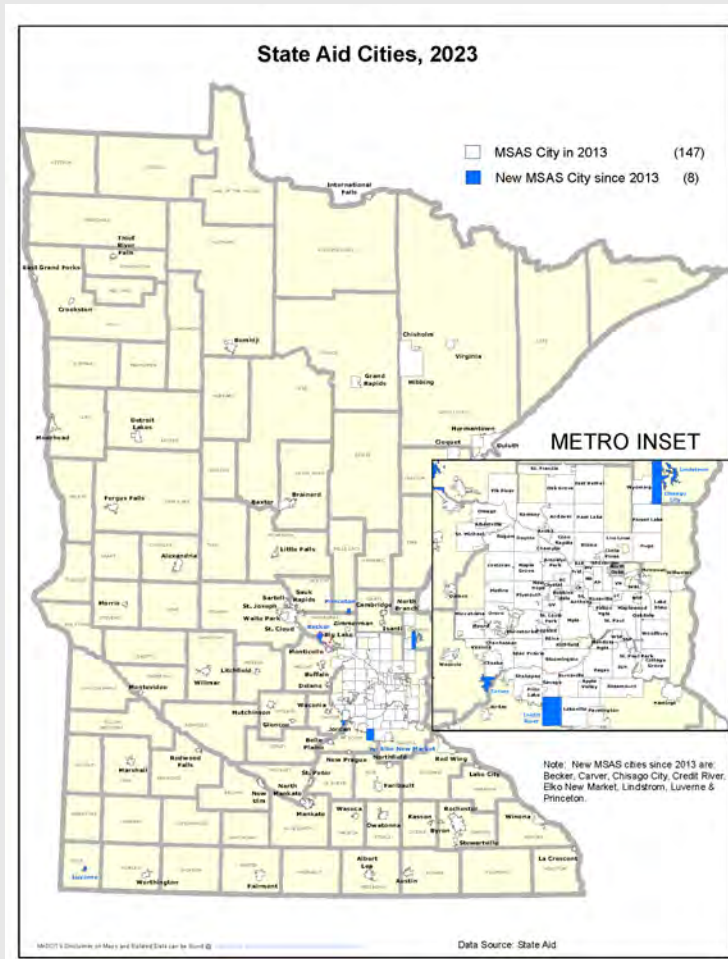
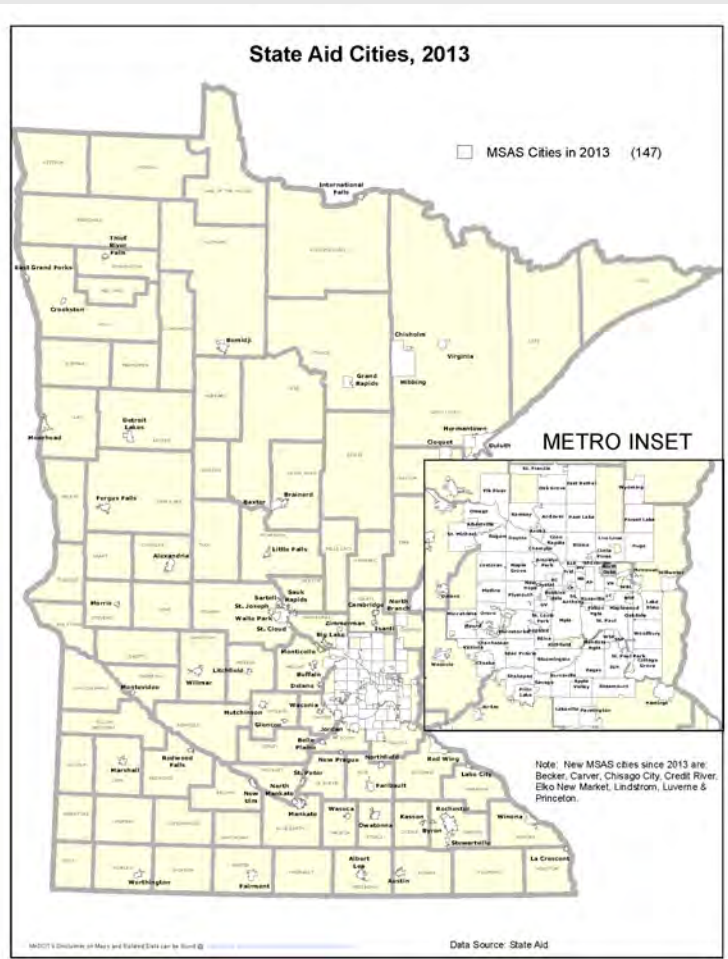
State Aid Update MCEA Annual Conference 2025

Ted Schoenecker | Assistant Division Director State Aid and
Statewide Radio Communications

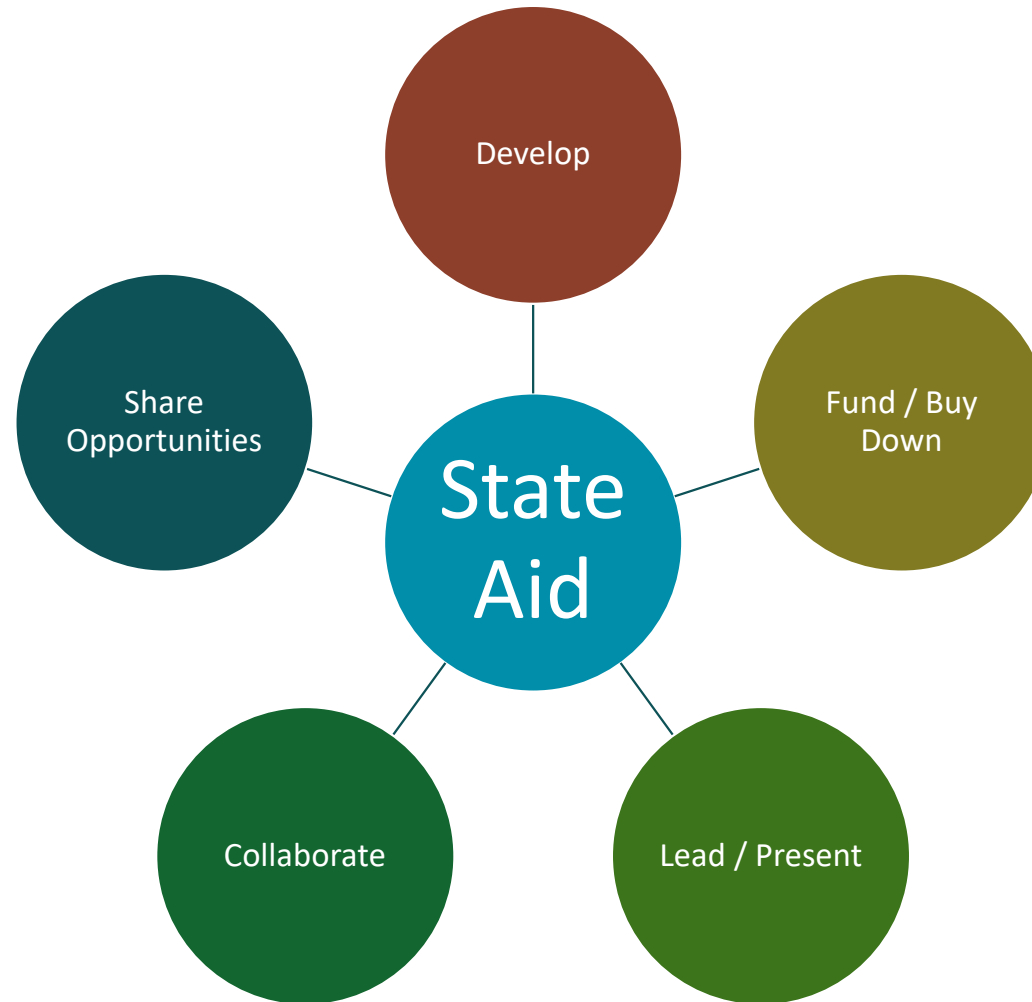
County Engineers – Change Since 2013



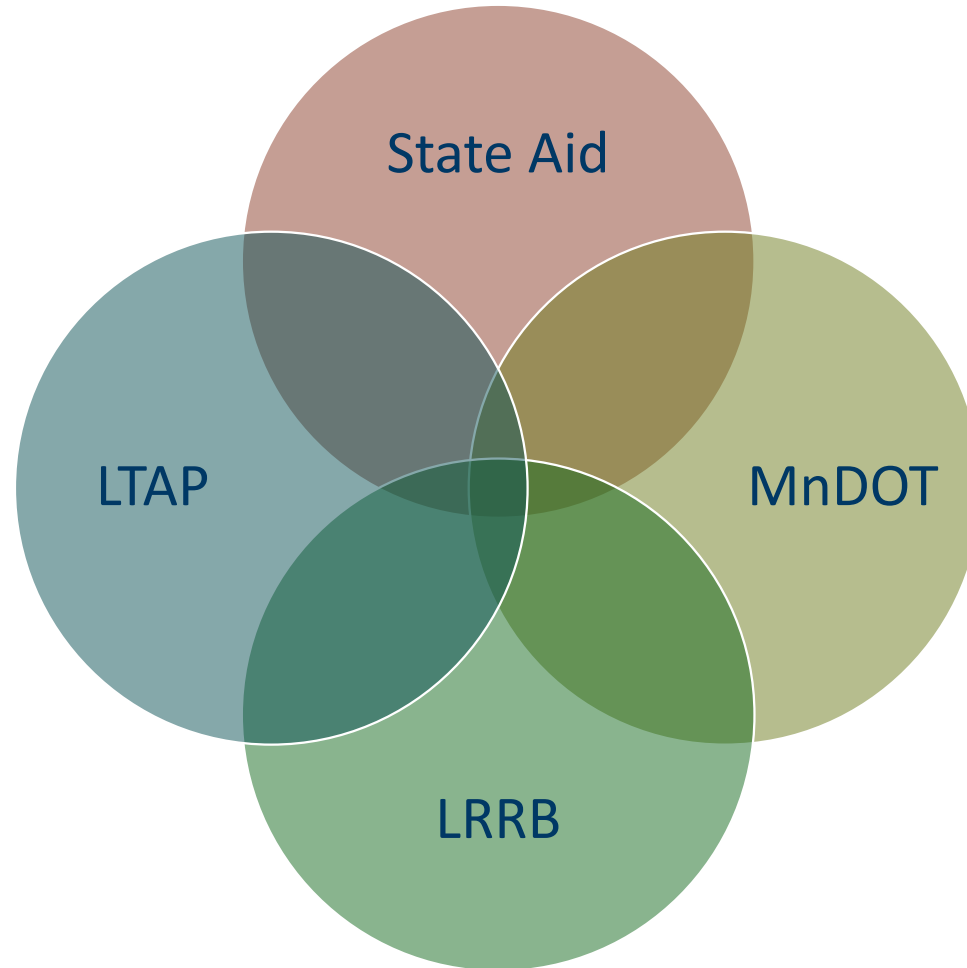
State Aid City Engineers – Change Since 2013



State Aid's Role for Training



Training Collaboration

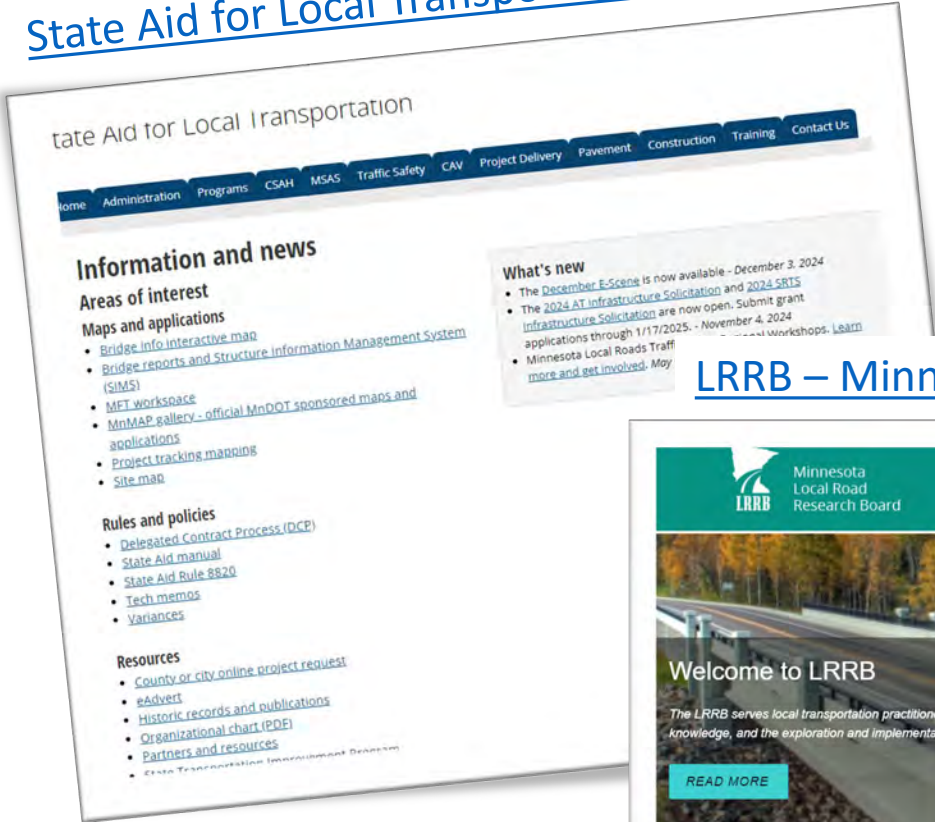


LTAP – Local Technical Assistance Program

LRRB – Local Road Research Board

Training Opportunities - Websites

State Aid for Local Transportation - MnDOT



State Aid for Local Transportation

Home Administration Programs CSAH MSAS Traffic Safety CAV Project Delivery Pavement Construction Training Contact Us

Information and news

Areas of interest

Maps and applications

- [Bridge Info Interactive map](#)
- [Bridge reports and Structure Information Management System \(SIMS\)](#)
- [MFT workspace](#)
- [MnMAP gallery - official MnDOT sponsored maps and applications](#)
- [Project tracking mapping](#)
- [Site map](#)

Rules and policies

- [Delegated Contract Process \(DCP\)](#)
- [State Aid manual](#)
- [State Aid Rule 8820](#)
- [Tech memos](#)
- [Variances](#)

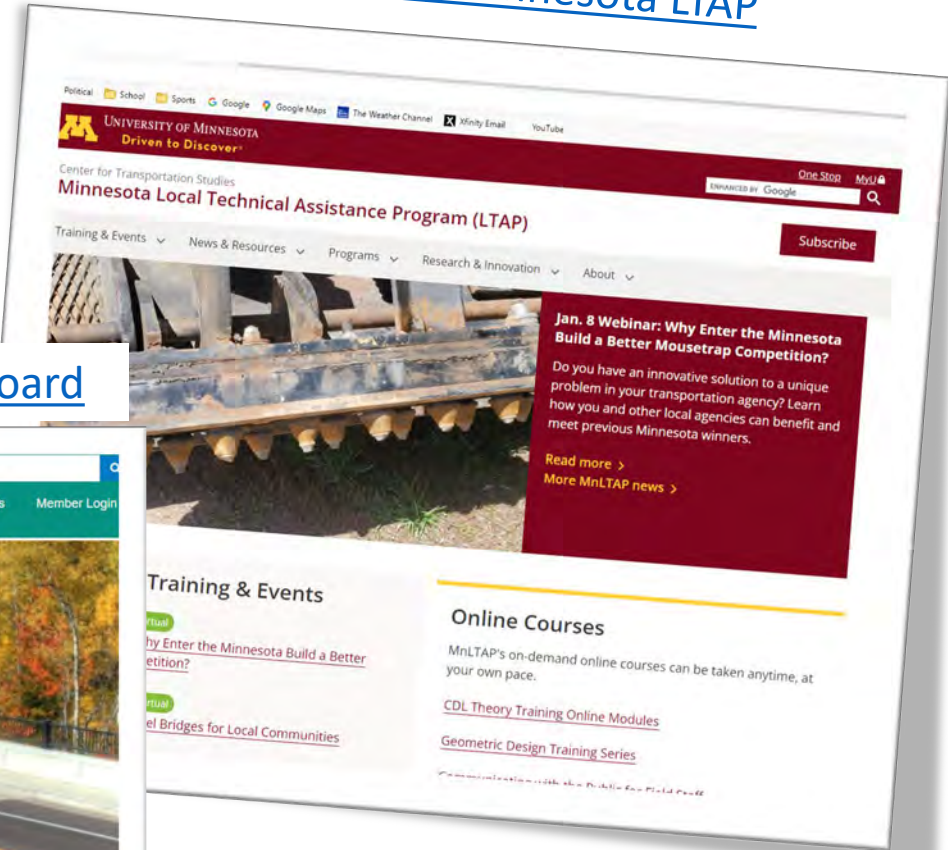
Resources

- [County or city online project request](#)
- [Advert](#)
- [Historic records and publications](#)
- [Organizational chart \(PDF\)](#)
- [Partners and resources](#)
- [State Transportation Improvement Program](#)

What's new

- The [December E-Scene](#) is now available - December 3, 2024
- The [2024 AT Infrastructure Solicitation](#) and [2024 SRTS Infrastructure Solicitation](#) are now open. Submit grant applications through 1/17/2025. - November 4, 2024
- Minnesota Local Roads Traffic Safety [Workshops](#). [Learn more and get involved.](#) May

MNLTAP Home | Minnesota LTAP



UNIVERSITY OF MINNESOTA
Driven to Discover

Center for Transportation Studies
Minnesota Local Technical Assistance Program (LTAP)

Training & Events News & Resources Programs Research & Innovation About

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Jan. 8 Webinar: Why Enter the Minnesota Build a Better Mousetrap Competition?

Do you have an innovative solution to a unique problem in your transportation agency? Learn how you and other local agencies can benefit and meet previous Minnesota winners.

[Read more >](#)
[More MnLTAP news >](#)

Training & Events

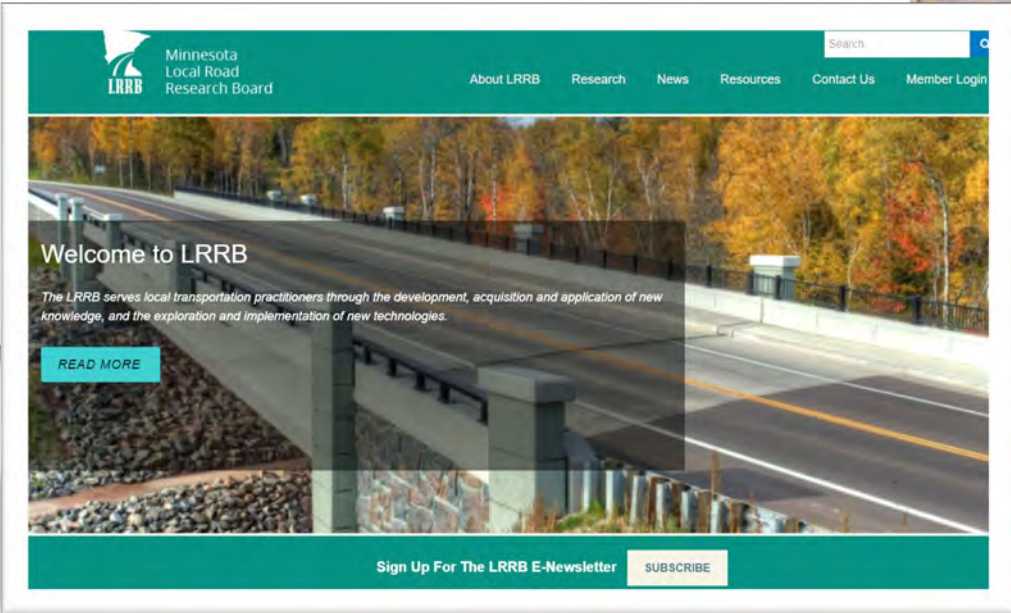
- [Why Enter the Minnesota Build a Better Mousetrap Competition?](#)
- [Model Bridges for Local Communities](#)

Online Courses

MnLTAP's on-demand online courses can be taken anytime, at your own pace.

- [CDL Theory Training Online Modules](#)
- [Geometric Design Training Series](#)
- [Communication with the Public for Field Staff](#)

LRRB – Minnesota Local Road Research Board



Minnesota Local Road Research Board

About LRRB Research News Resources Contact Us Member Login

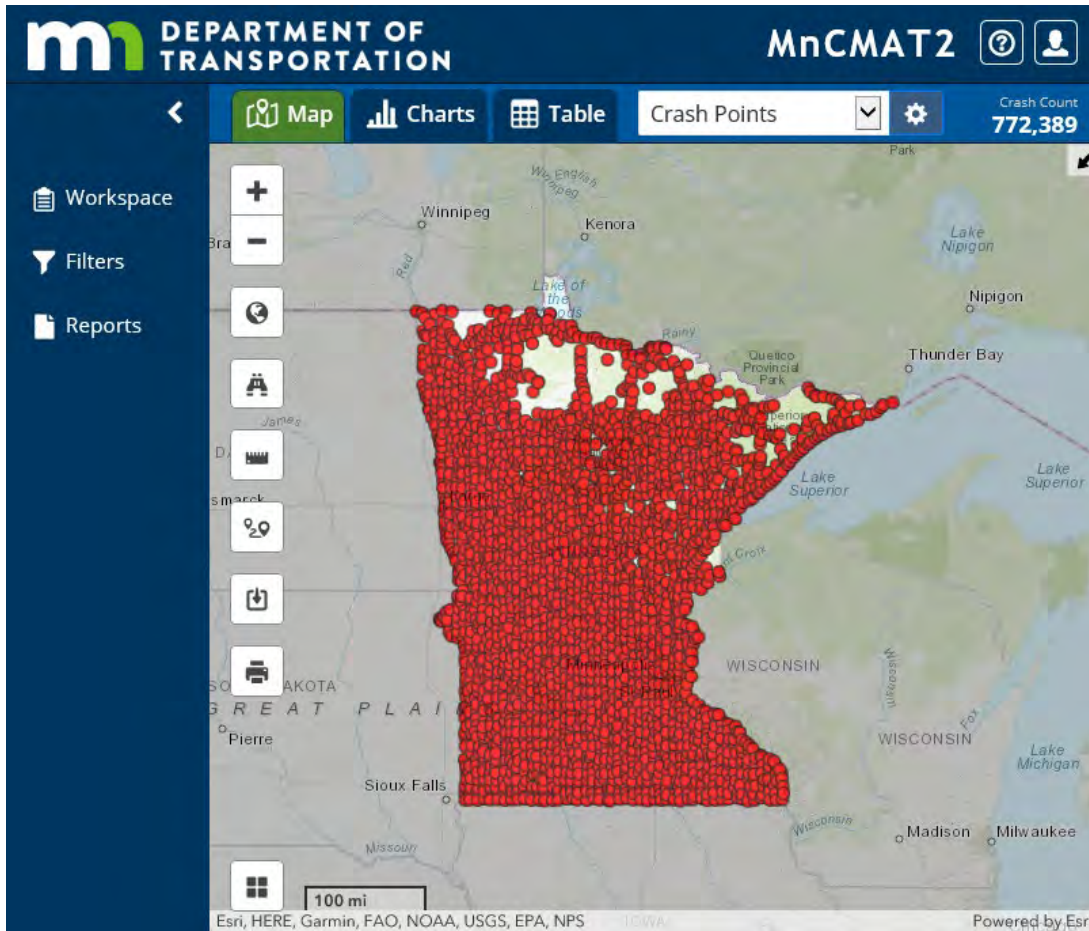
Welcome to LRRB

The LRRB serves local transportation practitioners through the development, acquisition and application of new knowledge, and the exploration and implementation of new technologies.

[READ MORE](#)

Sign Up For The LRRB E-Newsletter [SUBSCRIBE](#)

State Aid Training – MnCMAT



- MN Crash Mapping Analysis Tool (MnCMAT) - [MnCMAT2 - State Aid – MnDOT](#)
- Annual online training
- Local Roads Traffic Safety Regional Workshops
- Training resources included on webpage

State Aid Training - Pavement

- Pathview/Pathweb ([PathWeb - State Aid – MnDOT](#))
- System Preservation Series ([System Preservation - State Aid - MnDOT](#))
 - One (1) Live Training session related to Pathway/Pathweb on February 13, 2025.
 - Five (5) Online System Preservation Training modules
- Reimbursement program - Annual credit (up to \$1,000) to all counties that utilize a pavement management software application.
- On-going work with the MCEA Pavement Committee on enhancements to the pavement data for improved use.



Bridge Training

- Construction Inspection (10-day and annual 1-day refresher)
 - On-line: AASHTO TC3 by accessing the Minnesota LTAP Website *prerequisite for Bridge Construction Certification*
- Routine Inspection (10-day and annual 1-day refresher)
- Maintenance Inspection
 - Bridge Maintenance Academy (BMA) 1 – e-Learning module. BMA 2 and 3 – In-person, hands on
- On-Demand – e.g. Bridge Hydraulics, Load Rating, UAS Drones, Timber bridges, etc.
- On-going work with the MCEA Bridge Committee



State Aid Training - Miscellaneous

- Training tab on State Aid Website ([Training - State Aid – MnDOT](#))
- State Aid Refresher Training - MCEA Annual and Summer Conferences
 - Federal aid project delivery
 - State programs
 - Federal aid programs
 - State aid Needs
 - State aid / federal aid accounting
 - Construction administration

State Aid for Local Transportation
Training

Home Administration Programs CSAH MSAS Traffic Safety CAV Project Delivery Pavement Construction **Training** Contact Us

State Aid trainings

State Aid 101

- [State Aid 101 \(PowerPoint\)](#)
 - Overview of the State Aid Division

State Aid

- [Active Transportation \(AT\) Infrastructure \(PowerPoint\)](#)
 - Learn about the Active Transportation Infrastructure Program
- [Bridge load rating, posting, and permitting bridges \(PowerPoint\)](#)
 - Local bridge owners and program administrators will learn how to manage their bridge inventory to be properly load rated and load posted. Gain knowledge of various legal and permit truck loads, and applicable Minnesota and federal weight regulations and laws will be discussed. Learn the why, what and when to load rate local bridges, get related guidance on Minnesota load rating and permitting form submittal requirements, and more.
- [County State Aid Needs \(PowerPoint\)](#)
 - Learn about county state aid routes and how to make changes to your system, get state aid funds and how to spend that money. Get an overview of what the screening board does and what the county engineer's role is related to Needs.
- [Disaster recovery \(PowerPoint\)](#)
 - This high level summary offers information targeted at providing a better understand of the five major funding sources related to disaster relief and the Department of Transportation.
- [DCP checklist for local agency federal aid projects \(PowerPoint\)](#)
 - Learn the who, what, where, and when of the federal aid process. Get the details of why and how the process was created, procedures and funding, and contacts that will be helpful as you work through your federal aid project.
- [Federal aid process for local agency federal projects \(PowerPoint\)](#)
 - Get a detailed overview on the four areas of the DCP checklist - project development, bid procedures, construction and completion. This will provide a guide throughout the life of your project, valuable links to documents and contact information.
- [Local Bridge Replacement Program \(PowerPoint\)](#)

Local Technical Assistance Program (LTAP)



State Aid Involvement

- Geometric Design Training Series
- Roundabout Design
- Snowplow and Safety Simulator Training
- Truck Weight Education Program (TWEP)
- Work Zone Traffic Control
- Best Practices for Traffic Sign Maintenance and Management
- Traffic Sign Maintenance/Management and Sign Retroreflectivity Training
- Commercial Drivers License (CDL) Theory Training Modules
- Guardrail Installation and Maintenance
- Federal Environmental Review Training (in development)

LTAP - Snowplow and Safety Simulator Training



- Revamped from previous snowplow simulator training
- Locations across the state at local agency public works facilities
- All snowplow drivers, regardless of years of experience, can benefit from training in the simulator.
- [Minnesota Snowplow and Safety Simulator Training for Local Agencies | Minnesota LTAP](#)

LTAP – Geometric Design Training



- Geometric Design Training Series – online ([Geometric Design Online Training Series | Minnesota LTAP](#))
- Roundabout Design – semi-annual

LTAP – Work Zone Traffic Control Training



- Work Zone Training Project
 - Completely revamped and modernized work zone training package
 - Spring 2025
 - Core Temp Traffic Control
 - Temp Traffic Control (Train-the-Trainer)
 - Q1 2026
 - Traffic Control Technicians
 - Transportation Mgmt Plan Development
 - Work Zone Traffic Control and Safety Needs

Local Road Research Board (LRRB) Training

- LRRB Research Implementation Committee (RIC)
 - Put research into practice
 - Used as an incubation for training ideas
- Examples
 - ADA Training Series
 - Pavement Marking Retroreflectivity Requirements
 - Webinars
- [LRRB – Minnesota Local Road Research Board](#)

The LRRB Research Implementation Committee (RIC) develops training resources that help transmit new knowledge to transportation practitioners. The following RIC projects are underway or have been completed.

Search the [research project database](#) for all LRRB projects or peruse our [product gallery](#) for popular guidebooks and videos only. We also co-sponsor training through the [LTAP program](#).

2022-2026

- ✦ Best Management Practices for Drain Tile in Rights of Way
- ✦ Best Practice Guidelines for Intelligent (Active) Warning Devices
- ✦ Best Practices for Improving Subgrade Drainage
- ✦ Best Practices for Using Social Media for Local Agencies
- ✦ Catch Basins and Manholes: Products, Installation, and Settlement and Heave Mitigation
- ✦ Contractors Overcommitting/Missing Deadlines
- ✦ Cost Effectiveness of Various Pavement Markings
- ✦ Cost/Benefit Analysis of the Effectiveness of Crack Sealing Techniques
- ✦ Culvert Type Evaluation: Concrete vs Plastic vs Corrugated Metal
- ✦ Drainage 101 County Roadways and City Streets: Best Practices and Resources Guide
- ✦ Guidelines for Determining Speed Limits on Municipal Roadways
- ✦ Guidelines for Using Intelligent Warning Devices
- ✦ Mitigating Projects Missing Deadlines
- ✦ Pavement Marking Decision Tree – Project Level
- ✦ Speed Limit Guidance for Municipal Roadways

Subject Matter Expert Areas

- State Aid provides funding for MnDOT assistance to local agencies
 - Bridge Office (in addition to State Aid Bridge)
 - Office of Construction and Innovative Contracting (OCIC) - construction support, claims and investigations, labor compliance
 - Office of Materials and Road Research (OMMR) – concrete, bituminous, pavement design, grading and base, foundations
 - Office of Environmental Services (OES) – threatened and endangered species, historic and archeological reviews
- State Aid subject matter experts
 - Bridge, Finance, State Programs, Federal Aid, Operations
 - District State Aid Engineers

Questions?

