

North Dakota Local Technical Assistance Program

2020 ANNUAL REPORT

NDSU

UPPER GREAT PLAINS
TRANSPORTATION INSTITUTE
NORTH DAKOTA LOCAL TECHNICAL ASSISTANCE PROGRAM

NDLTAP TEAM

Dale Heglund, PE/PLS, Program Director
Denise Brown, Program Manager
Amanda Miller, Program Assistant
Sandra Baisch, Technical Resource Assistant
Curt Glasoe, PE/PLS, Technical Support Rep.
Leanna Emmer, Technical Support Rep.
Kelly Bengtson, PE, Bridge and Road Engineer

Contract Employees:

Gerard Feist, Asphalt Consultant
Gary Steiner, Motor-grader Operator Consultant
Russell Klimpel, Motor-grader Operator Consultant
Randy Watson, Motor-grader Operator Consultant



Dale Heglund



Denise Brown



Amanda Miller



Sandra Baisch



Curt Glasoe



Leanna Emmer



Kelly Bengtson

NDLTAP ADVISORY BOARD

Mark Berg, PE, City of Bismarck
Mike Grafsgaard, PE, City of Devils Lake
R. Blake Crosby, ND League of Cities
David Ferrell, PE, FHWA
Lee D. Potter, FHWA
Larry Syverson, ND Township Officers Association
Bryon Fuchs, PE, ND Department of Transportation
Matt Linneman, PE, ND Department of Transportation
Mark Verke, ND Insurance Reserve Fund
Genny Dienstmann, CAE, ND Association of Counties
Kevin Fieldsend, Ramsey County
Al Heiser, Stark County
Mark Anderson, PE, KLJ

DIRECTOR'S NOTE

Road Warriors,

North Dakota Local Technical Assistance Program (NDLTAP) has been referred to as the "extension service" for our state's local roadway network. By providing technical outreach, professional development, and a wide-array of local leader growth opportunities, NDLTAP's efforts are the educational foundation for most local roadway teams across the state. Our focus is two-fold: to develop the knowledge of roadway workers, and to instill "calls to action" from learning events that yield roadway improvements.

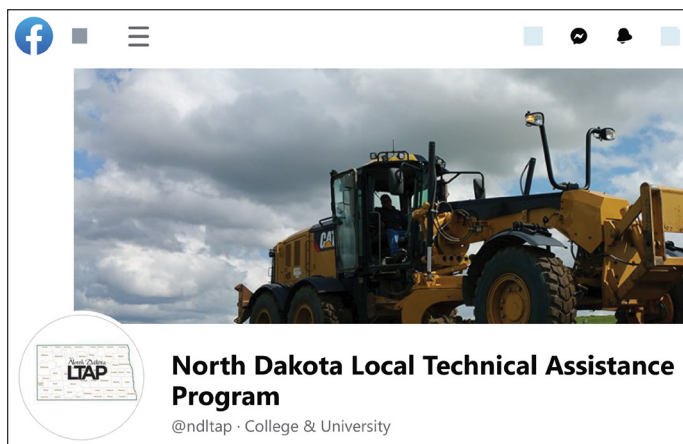
A trained and valued workforce is a committed and productive workforce. Better people yield better roads. Roadway improvements in ride quality, extended life, and cost-effective roadway enhancements, when taught in harmony with a Vision Zero safety focus, drives our success. Combined, these elements result in better, safer roads. Our core focus on local county, city and township leaders radiates to tribal leaders, DOT professionals, contractors, suppliers, consulting engineers and others. It's a full-spectrum effort that aids anyone in the state that works on, or is involved in, the roadway network.

This year has been challenging, yet rewarding. As a result of 2020's challenges, we provided enhanced virtual delivery and connectivity to remote sections of our state. Pre-COVID-19, NDLTAP team members were often scattered across the state, providing hands-on problem solving and field learning opportunities. During the pandemic, our face-to-face efforts, in the classroom and in the field, slowed to a crawl, but modifications to our delivery methods helped to fill the gap. Likewise, our Road Warrior effort shifted a bit this year, but our commitment is stronger than ever.

Ben Franklin said, "Tell me and I forget. Teach me and I remember. Involve me and I learn." Finding the right training, at the right time, for the right learners is more important now than ever.

Through all the challenges of 2020, our program delivery was a great success. Thank you for the opportunity to serve, to be your partner, to be a friend, and to be your first call for roadway learning.

With gratitude,



Online @
**www.
ndltap.
org**

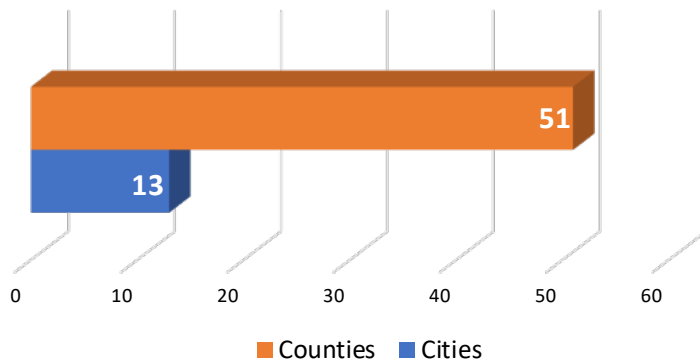
TRAINING PROGRAM FOCUS AREAS

- Construction & Maintenance
- Design & Traffic Operations
- Pavement & Materials
- Planning
- Roadway Safety
- Work Zone Safety
- Worker Safety
- Structures
- Workforce Development

TRAINING OFFERED

- Designing Pedestrian Facilities for Accessibility
- Pavement Preservation – 3 Part Series
- Corrugated Metal Pipe
- Signing 201
- OSHA 10 – Hour
- Tractor Mower Safety
- Heavy Equipment Safety
- Presentation Guru
- Motor Grader Operator
- I am a Leader
- Meeting the Mark on Gravel Quality
- ND Truck Weight Education

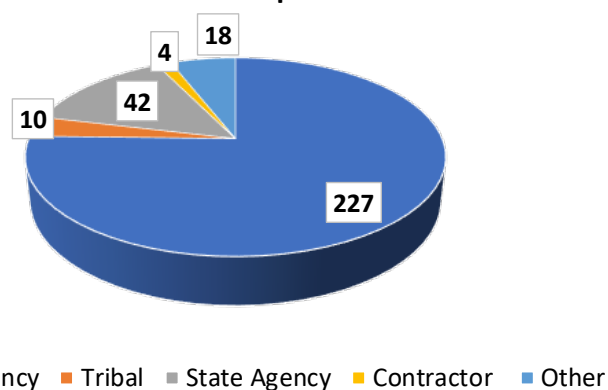
County and City Participants



“NDLTAP is an amazing resource for all entities for both technical assistance, classroom and hands-on learning.”

*Chris Opsahl
McIntosh Road Superintendent*

Total Participants





NDLTAP ROAD SCHOLAR

2020 Road Scholar Awards

- Level 1:** 93 (completed 30 credit hours with a minimum of 5 courses)
- Level 2:** 17 (completed 90 credit hours)
- Level 3:** 3 (completed 150 credit hours and a leadership opportunity)

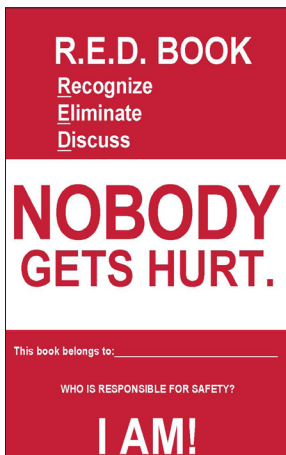


2020 Innovation Champions Contest

Corey Ackerman, Jay Showers (l. to r.)
1st place winner

The innovation: the Pipe Cleaner is designed and fabricated so the highway department can more safely and efficiently clean out culverts and pipes where the flow of water is either restricted or reduced by debris.

OTHER PROGRAMS, PROJECTS, RESOURCES



The R.E.D. Book program is designed to eliminate unsafe acts by requiring employees to immediately identify and discuss hazards that can hurt them. By recognizing these hazards in advance our employees are less likely to commit unsafe acts.



Road Ready Research, R3, papers summarize and share information about key roadway topics. The papers meld research findings with roadway best practices in a way

that allows roadway owners to understand and implement improvement processes. R3s are meant to serve as the conduit to transfer positive research results to the roadway, saving time and money.

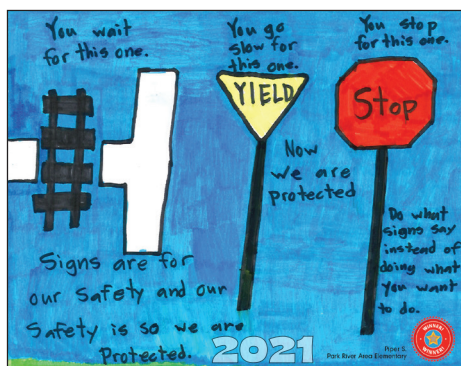
Keep your staff safe every day at work, do a safety tailgate talk. NDLTAP has a wide array of safety topics available at your fingertips.



Imagine a Captain Marvel comic style of sign warrior hero that saves the day and foils sign vandalism. This hero protects our signs, keeping our roads safe so that we get home to our families each day. This hero also changes our outlook on the importance of signs and creates a culture of awareness and that saves lives.

"SAVE OUR SIGNS!" Missing or damaged signs can lead to traffic accidents resulting in property damage, injury and death. Many local road agencies (i.e., county, city and township) across the state fight an expensive and constant battle to keep signs in place and in good repair. That effort costs tax dollars and valuable time that could be better spent

on other important road maintenance and improvement efforts. Even the best driver can miss a corner or zoom unsafely through an intersection if signs are damaged or missing.



(View the complete calendars online @ <https://www.ndltap.org/programs/signwarrior.php>)

Enhancing motor-grader operator skills through customized hands-on/field and classroom sessions.



PARTNERSHIPS

“Together we do great things.”

It's more than a tagline, it's the backbone of our LTAP efforts. Our partnerships create the energy and set the course to help our local leaders grow.



Transportation



U.S. Department of Transportation
Federal Highway Administration



3D Specialties
Butler Cat
Dakota Asphalt Pavement Association
National Local Technical Assistance
Program Association (NLTAPA)
ND Association of Counties
ND Association of County Engineers
Association
ND Associated General Contractors
ND Chapter of APWA

ND League of Cities
ND Township Officers Association
Newman Signs Inc.
Northland Chapter of ATSSA
RDO Equipment
Swanston Equipment
Tensar
TrueNorth Steel
Vision Zero

TRANSPORTATION LEARNING NETWORK

A partnership with MDT•NDDOT•SDDOT•WYDOT
and the Mountain-Plains Consortium Universities

TLN was developed to serve the transportation interests of the region and complements the efforts of its various members. It provides access to information and expertise not readily available to transportation professionals in the region. TLN identifies, schedules, distributes and warehouses technology transfer for its members.

With this partnership NDLTAP customers have access to many recorded video conferences and webinars. NDLTAP customers also have access to approximately 125 self-paced learning modules.

SUBJECT AREAS:

Civil Rights	Environmental	Planning
Construction	Maintenance	Professional Development
Design	Materials	Safety/Workzone