



North Dakota Division Office

Rugged North Dakota Landscape

North Dakota Association of County Engineers 2020 Annual Conference

January 30, 2020

FHWA Update



U.S. Department of Transportation
Federal Highway Administration

FHWA Briefly: Who are we?

North Dakota Division Office

Repped North Dakota Landscape

Mission: Enable and empower the strengthening of a world-class highway system that promotes safety, mobility, and economic growth, while enhancing the quality of life of all Americans.

Values:

Public Service



Integrity



Respect



Collaboration



Family



Personal Development



Strategic Goals:

Safety

Reduce transportation-related fatalities and serious injuries across the transportation system.



Infrastructure

Invest in infrastructure to ensure mobility and accessibility and to stimulate economic growth, productivity, and competitiveness for American workers and businesses.



Innovation

Lead in the development and deployment of innovative practices and technologies to improve the safety and performance of the Nation's transportation system.



Accountability

Serve the Nation with reduced regulatory burden and greater efficiency, effectiveness, and accountability.



U.S. Department of Transportation
Federal Highway Administration

Organizational Structure

North Dakota Division Office

Lee Potter
Division Administrator



TECHNICAL SERVICES TEAM
Sandy A. Zimmer
Technical Services Team Supervisor
(Financial Manager)



Vacant
Financial Specialist

Sandra L. Kramer
Administrative Assistant



Kristen Sperry
Environment and Planning Specialist

Pam Todd
Civil Rights Specialist



ENGINEERING AND OPERATIONS TEAM
Kraig McLeod
Engineering and Operations Team
Supervisor



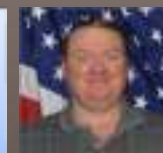
Kevin L. Brodie
Transportation Engineer
Districts 2, 4, and 7
(Design & Missile Roads)



Mark R. Schrader
Transportation Engineer
District 8
(Construction and Structures)



Gary A. Goff
Transportation Engineer
Districts 1, 3, 5, and 6
(Pavement and Materials)



David E. Ferrell
Safety and Traffic Operations
Engineer



FHWA Risk-Based Stewardship & Oversight

North Dakota Division Office

- *Risk-based*: risk assessment is integrated throughout the performance planning process
- *Data-driven*: decisions are grounded in objective data and information to the extent possible
- *Consistent*: actions are based on consistent approach to planning, risk assessment, and S&O
- *Value-added*: actions are taken with a primary objective of improving programs and projects



How is RBSO being Implemented?

North Dakota Division Office

- Project visits/involvement at all phases
 - Attendance by FHWA team members during design meetings
 - Construction project visits
 - Formal national level initiatives, such as:
 - Compliance Assessment Program
 - Financial Integrity Review & Evaluation (FIRE)



Federal Funding

North Dakota Division Office

- Transportation Authorization
 - Fixing America’s Surface Transportation (FAST) Act ~ Expires September 2020
- FY2020 Appropriations Act
 - Apportionment & Obligation similar to FY 2019.



Grant Opportunities

North Dakota Division Office

- **BUILD Grant:**
 - FY 2020 Appropriations act contains \$1B for BUILD grants.
 - NOFO will be out in the near future.
- **INFRA Grant:**
 - NOFO published.
 - Program provides Federal financial assistance to highway and freight projects of national or regional significance
 - Applications due by February 25, 2020.
 - Department estimates that \$906 million will be available for award.
- **CRISI Program:**
 - Managed by FRA.
 - FRA is currently evaluating FY19 CRISI applications. Congress provided \$255M for CRISI in FY19.
 - In December, Congress appropriated an additional \$325M for CRISI. FRA hopes to begin soliciting applications for these new FY20 funds in the near future.



Emergency Projects

North Dakota Division Office

- Pays for repair or reconstruction of highways and/or roads that were damaged as a result of natural disasters or catastrophic failures.
- For an event to be eligible for funding, there must be:
 - \$700,000 of damage to Federal-aid highways and/or roads on Federal lands within a State
 - a Governor's or Presidential declaration of disaster
- Currently under a declared disaster from fall 2019 rain and snow events.
- Coordinate with NDDOT to discuss program specifics and potential ER locations.



ER Examples/Ongoing

North Dakota Division Office

Rugged North Dakota Landscape



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Federal Highway Administration

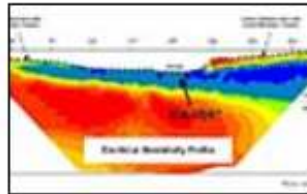
Every Day Counts (EDC)

North Dakota Division Office

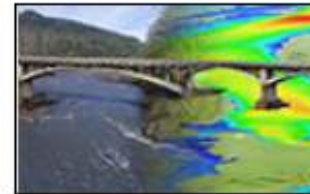
EDC-5 Innovations (2019-2020)



EDC Overview Video



Advanced Geotechnical Methods in Exploration



Collaborative Hydraulics



Project Bundling



Reducing Rural Roadway Departures



Safe Transportation for Every Pedestrian



Unmanned Aerial Systems



Crowdsourcing for Operations



Value Capture



Virtual Public Involvement



Weather-Responsive Strategies



WHAT IS R.O.U.T.E.S.?

North Dakota Division Office

- Rural Opportunities to Use Transportation for Economic Success (R.O.U.T.E.S.)
- Initiative will address disparities in rural transportation infrastructure in order to tangibly improve safety and economic competitiveness in all parts of the country.
- <https://www.transportation.gov/rural>



WHAT WILL R.O.U.T.E.S. DO?

North Dakota Division Office

- R.O.U.T.E.S. will embark on three activities:
 - Collecting input from stakeholders on the benefits rural projects offer for safety and economic outcomes, as well as the type and degree of assistance rural projects require
 - Providing user-friendly information to rural communities to enhance understanding about DOT's infrastructure grant options
 - Improving DOT's data-driven approaches to better assess needs and benefits of rural transportation infrastructure projects



Resources for Local Governments

North Dakota Division Office

- North Dakota DOT
- Federal-aid Highway Program Policy & Guidance Center
<https://www.fhwa.dot.gov/pgc/>
- Federal-aid Essentials for LPAs
<https://www.fhwa.dot.gov/federal-aidessentials/>



Questions & Contact Info

North Dakota Division Office



Lee Potter
Division Administrator
Federal Highway Administration
North Dakota Division
4503 Coleman Street, Suite 205
Bismarck, ND 58503

Phone: 701-221-9460
Email: NorthDakota.FHWA@dot.gov

Kraig McLeod
Eng. & Ops. Team Supervisor
Federal Highway Administration
North Dakota Division
4503 Coleman Street, Suite 205
Bismarck, ND 58503

Phone: 701-221-9465
Email: kraig.mcleod@dot.gov

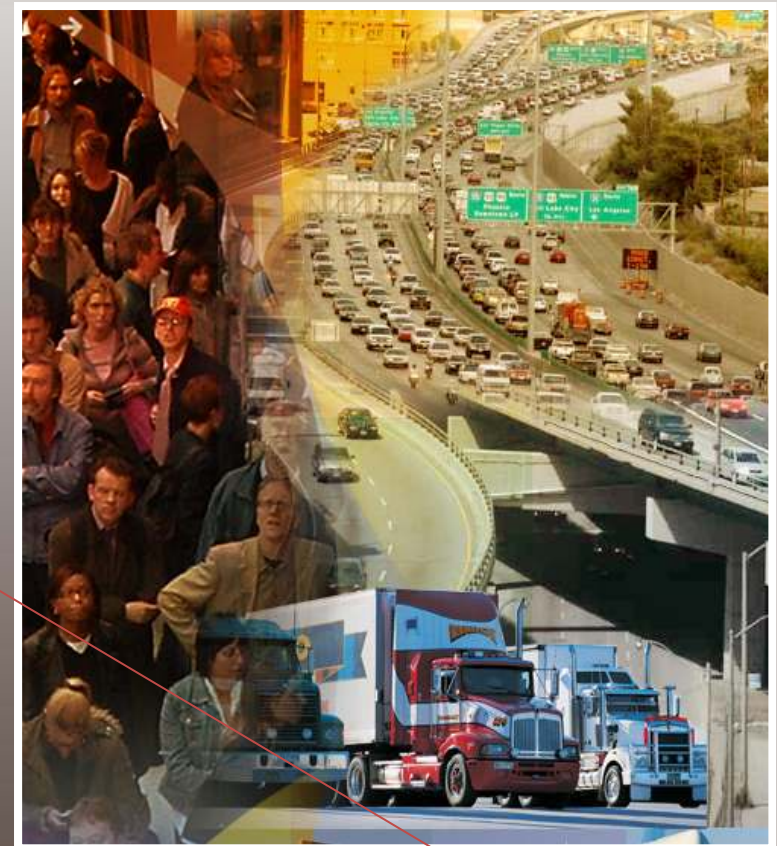


U.S. Department of Transportation
Federal Highway Administration

FHWA Briefly: Who are we?

North Dakota Division Office

- **Money:** About \$46B Federal Highway Funds
- **Legislated Mission:** “...provide for a strong and vigorous national economy...” 23 USC 101(b) *(and associated regulations)*
- **What we aspire to do through our Mission:** Enable and empower the strengthening of a world-class highway system that promotes safety, mobility, and economic growth, while enhancing the quality of life of all Americans.
- **What the public expects:** Safety and fiscal integrity, emergency response...



FHWA Role: What do we do?

North Dakota Division Office

A Partner in...
“A Federally
Assisted, State
Administered
Program”

