



North Dakota Division Office

North Dakota Association of County Engineers 2021 Annual Conference January 27, 2021

FHWA Update



U.S. Department of Transportation
Federal Highway Administration

FHWA Briefly: Who are we?

Rugged North Dakota Landscape

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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.

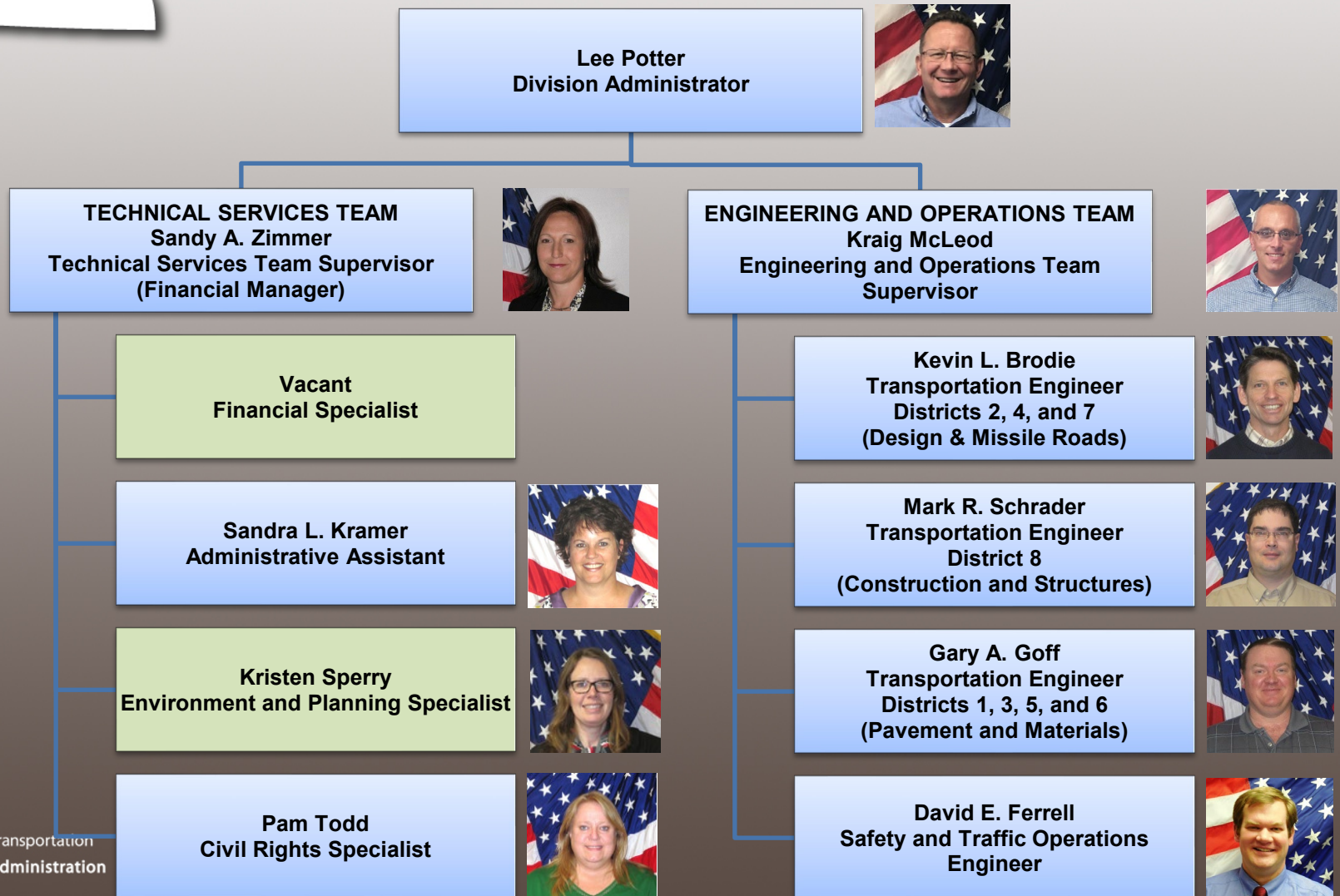


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Organizational Structure

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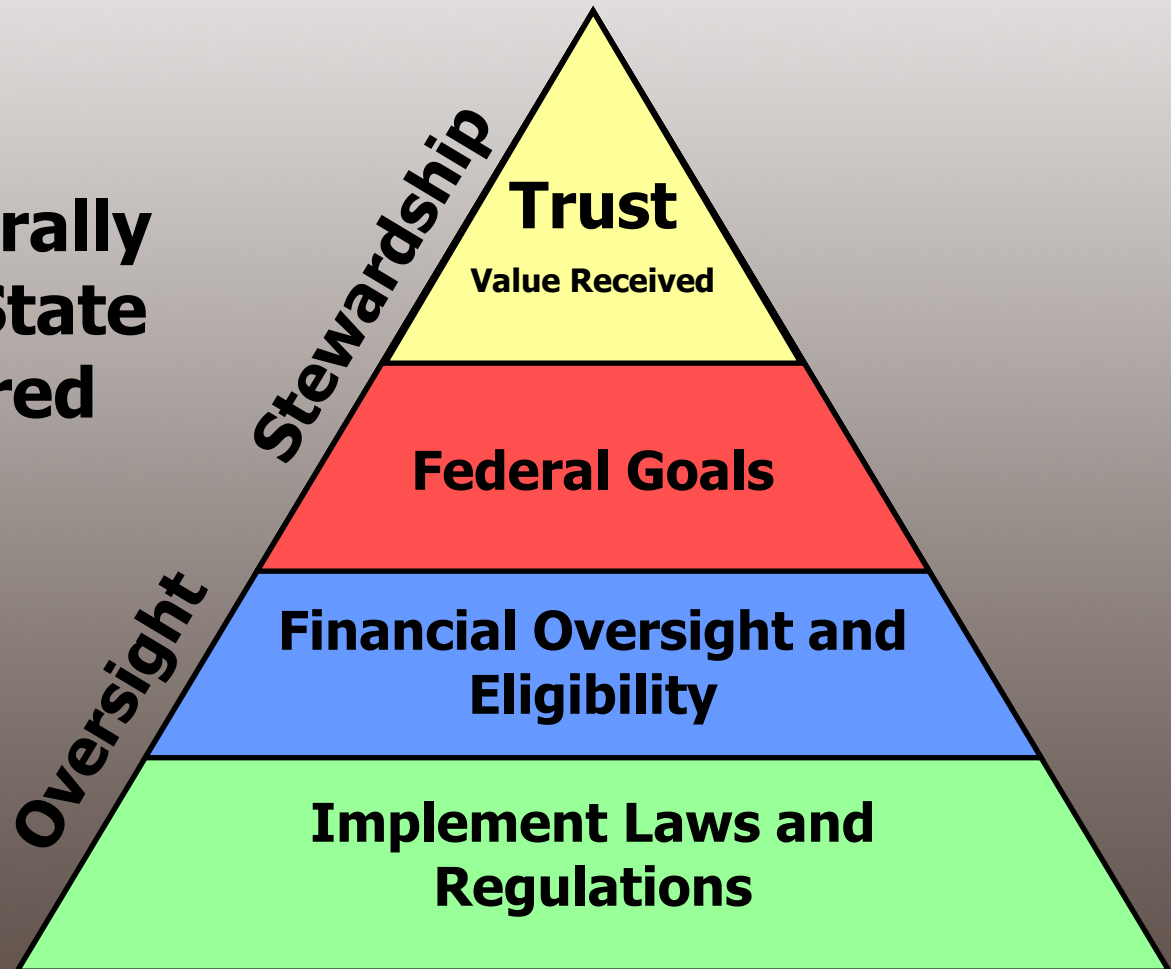
FHWA Role: What do we do?

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A Partner...

In "A Federally Assisted, State Administered Program"



Every Day Counts (EDC-6) Innovations (2021-2022)

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- Crowdsourcing for Advancing Operations
- e-Ticketing and Digital As-Builts
- Next Generation TIM: Integrating Technology, Data & Training
- Strategic Workforce Development
- Targeted Overlay Pavement Solutions
- UHPC for Bridge Preservation and Repair
- Virtual Public Involvement



Highway Safety Improvement Program (HSIP)

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STRATEGIC HIGHWAY SAFETY PLAN

The SHSP is a statewide-coordinated safety plan that provides a comprehensive framework for reducing highway fatalities and serious injuries on all public roads. Click here to learn how to develop, implement, evaluate and promote your SHSP.

RAILROAD-HIGHWAY CROSSINGS PROGRAM

The RHCP provides funds for the elimination of hazards at railway-highway crossings under 23 U.S.C. 130. Click here for more information to support RHCP efforts.

HIGHWAY SAFETY IMPROVEMENT PROGRAM

The HSIP is the projects, activities, plans, and reports carried out under 23 U.S.C. 148. Click here for resources to support State HSIP planning, implementation, evaluation and reporting efforts.

HIGH RISK RURAL ROADS

If the fatality rate on rural roads increase in a State, they are required to spend a portion of their HSIP funds on rural roads. Click here for more information to support HRRR efforts.





Highway Safety Improvement Program (HSIP)

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Core Federal-Aid program

- Purpose: achieve a significant reduction in fatalities and serious injuries on all public roads
- Approx. \$2.5 billion annual nationwide apportionment
 - Railway-Highway Crossing Program (RHCP) set-aside
- HSIP is for ALL public roads
- All highway safety improvement projects must:
 - ✓ Be consistent with the State SHSP
 - ✓ Correct or improve a hazardous road location or feature or address a highway safety problem



Examples of Highway Safety Improvement Projects

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Roadway Departure

- Pavement or Shoulder Widening
- Rumble strips
- High Friction Surface Treatments
- Barriers
- Curve Warning

Intersection

- Roundabouts
- Signal Back Plates
- Yellow Change Intervals
- Dedicated Turn Lanes

Pedestrian

- Pedestrian or Bicycle Safety Improvement
- Pedestrian Hybrid Beacon
- Traffic Calming Features

Other

- Safety Data
- Road Safety Audits
- Local Road Safety Plans



Local Road Safety Plans (LRSP)

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- Federal Aid provides 90% funding of the improvement costs.
- NDDOT has committed half of their HSIP budget for local road improvements
- The LRSP's already have the forms filled out; however, the owners must submit them to NDDOT annually.



Center For Local Aid Support (CLAS)

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The Center for Local Aid Support offers diverse products, programs and information to provide national training and technical assistance networks that help local governments, tribes and Federal land management agencies enhance roadway networks and create economic opportunity.



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<https://www.fhwa.dot.gov/clas/>

Center for Local Aid Support Team (CLAS)

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Programs

- Local Technical Assistance Program (LTAP)
 - Local Agencies
- Tribal Technical Assistance Program (TTAP)
 - Tribes
- Coordinated Technology Implementation Program (CTIP)
 - deploying new or under-utilized innovations on Federal land transportation projects



CLAS Web-Based Training for Local Agencies and Tribes

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- STEP (available on CLAS website)
- [GRS-IBS](#)
- Gravel Roads
- Rockeries
- Project Bundling
- Value Capture
- Context Sensitive Solutions, Targeted Pavement Overlays, Asset Management for Gravel Roads, and more.



Resources for Local Governments

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- 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

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