North Dakota Asphalt Conference
April 10-11, 2018

Pavement Preservation with a STIC
What we aspire to through our Mission: Improve Mobility on our Nation’s Highways Through National Leadership, Innovation, and Program Delivery.

Legislated Mission: “...provide for a strong and vigorous national economy...” 23 USC 101(b) (and associated regulations)

Money: About $41B → $47B Federal Highway Funds ($44B)

What the public expects: Safety and fiscal integrity, emergency response...
# North Dakota Division Organization

## TECHNICAL SERVICES TEAM
- **Sandy A. Zimmer**
  - Technical Services Team Supervisor
  - (Financial Manager)
- **Stephanie L. Manz**
  - Financial Specialist
- **Sandra L. Kramer**
  - Administrative Assistant
- **Richard A. Duran**
  - Environment and Planning Specialist
- **Pam J. Todd**
  - Civil Rights Specialist - PDP

## ENGINEERING AND OPERATIONS TEAM
- **Stephanie J. Hickman**
  - Acting Engineering and Operations Team Supervisor
- **Kevin L. Brodie**
  - Transportation Engineer
  - Districts 4 and 7 (Design)
- **Mark R. Schrader**
  - Transportation Engineer
  - Districts 2, 6, and 8 (Construction and *Interim Structures*)
- **Gary A. Goff**
  - Transportation Engineer
  - Districts 1, 3, and 5 (Pavement and Materials)
- **David E. Ferrell**
  - Safety and Traffic Operations Engineer
FHWA Role: What do we do?

A Partner...

In “A Federally Assisted, State Administered Program”

- Implement Laws and Regulations
- Financial Oversight and Eligibility
- Federal Goals
- Trust

Value Received

U.S. Department of Transportation
Federal Highway Administration
“Culture of Innovation”

Where are the opportunities to accelerate innovation in your organization?
When do we use the STIC?

https://www.youtube.com/watch?v=roN1jUPpxyk
Are you an Innovator?

https://www.youtube.com/watch?v=UgjWNryw_xl
Every Day Counts

EDC-4 Innovations (2017-2018)

- EDC Overview Video
- ATSPMs
- Collaborative Hydraulics (CHANGE)
- Community Connections
- Data-Driven Safety Analysis
- e-Construction and Partnering
- Integrating NEPA and Permitting
- Pavement Preservation (When, Where, How)
- Road Weather Management – Weather-Savvy Roads
- Safe Transportation for Every Pedestrian
- Ultra-High Performance Concrete Connections
- Using Data to Improve Traffic Incident Management
Pavement Preservation

https://www.youtube.com/watch?v=qNXFD6LSxo&feature=youtu.be
The importance of Pavement Preservation:

- Good roads are vital for our economy
- Preservation preserves the significant investment in pavements
- Preservation is six times less expensive than rehabilitation and requires fewer resources/energy
FHWA is promoting a network-level approach to managing pavements that:

- Considers economic treatment strategies over the life of the asset – including preservation
- Combines capital and maintenance needs in life cycle planning
- Reduces annual preservation costs without sacrificing performance
Federal Legislation Promotes:

- Performance-based investment decisions
- Development of a 10-year Transportation Asset Management Plan
  - Includes consideration of life cycle planning and risk
  - Sets minimum standards for the use of pavement management systems
  - Links investments to performance targets
Good roads are vital for our economy, and preservation preserves the substantial investment that has been made in the system.
Thank You!

Wendall L. Meyer  
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

Buckle Up…Zero Fatalities, Zero Excuses