North Dakota Association of County Engineers
2018 Annual Conference
January 24-26, 2018

FHWA Update

Discussion Areas

• FHWA Briefly
• Federal Funding
• FHWA Role
  – Federally Assisted, State Administered
  – Stewardship and Oversight
FHWA Briefly: Who are we?

- **Money:** About $41B → 47B Federal Highway Funds
- **Legislated Mission:** “…provide for a strong and vigorous national economy…” 23 USC 101(b) (and associated regulations)
- **What we aspire to through our Mission:** Improve Mobility on our Nation’s Highways Through National Leadership, Innovation, and Program Delivery.
- **What the public expects:** Safety and fiscal integrity, emergency response...

Organizational Structure
Federal Funding: How much money?

• Transportation Reauthorization
  – Fixing America’s Surface Transportation (FAST) Act
• FY2018 Appropriations Act
  – North Dakota’s Apportionment is about $261M
  – North Dakota’s Obligation Limitation estimated at about $80-$85M (approximately 35%) through February 8 via fourth continuing resolution

Highway contract authority grows each year

Highway Authorizations from Trust Fund (billions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2015</td>
<td>$41.0</td>
</tr>
<tr>
<td>FY 2016</td>
<td>$43.1</td>
</tr>
<tr>
<td>FY 2017</td>
<td>$44.0</td>
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<tr>
<td>FY 2018</td>
<td>$45.0</td>
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<tr>
<td>FY 2019</td>
<td>$46.0</td>
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<tr>
<td>FY 2020</td>
<td>$47.1</td>
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</tbody>
</table>
A Partner…

In “A Federally Assisted, State Administered Program”

**FHWA Role: What do we do?**

- **Trust**: Value Received
- **Federal Goals**
- **Financial Oversight and Eligibility**
- **Implement Laws and Regulations**

**Key Terms**

- **Risk**: Effect of uncertainty on objectives.
- **Risk Management**: Standard process to focus resources, strengthen program management, and improve communications to manage risk.
- **Stewardship**: Ensure efficient and effective use and management of Federal-aid highway funds.
- **Oversight**: Ensure program and project compliance with Federal laws and regulations.
The Shifting Federal Role

Responsibility NDDOT/Local Agencies
Authority/Oversight remains with FHWA

FHWA RBSO Involvement Principles

The ABCDs

- Added Value
- Based on Risk
- Consistent
- Data-Driven
Balancing Resources and Risk

Program and Project Involvement
National and Local Risks
National and Division
RBSO

DBE Goal Setting Methodology
Program Involvement; Required

See Section 2.2.1 of the NDDOT/FHWA Stewardship Agreement that includes federal approvals that can’t be assumed by the State.
### Compliance Assessment Program
**Program Involvement; Risk-Based**

**North Dakota Division Office**

**CAP COMPARISON CHART**
How do State and National Compliance Compare?

<table>
<thead>
<tr>
<th>State Compliance Range</th>
<th>State Compliance Range</th>
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</thead>
<tbody>
<tr>
<td>100%</td>
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</tr>
<tr>
<td>90%</td>
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</tbody>
</table>

*Where 100% of projects were assessed, there is no range*

<table>
<thead>
<tr>
<th>Core Question</th>
<th>Year state to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1</td>
<td>Project in STP</td>
</tr>
<tr>
<td>Q2</td>
<td>NAPA approved</td>
</tr>
<tr>
<td>Q3</td>
<td>NAPA, Utility, FM</td>
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<tr>
<td>Q4</td>
<td>FDOT LTP</td>
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<tr>
<td>Q5</td>
<td>TNF in plans</td>
</tr>
<tr>
<td>Q6</td>
<td>Right of way</td>
</tr>
<tr>
<td>Q7</td>
<td>Responsible design</td>
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<tr>
<td>Q8</td>
<td>DUE facing</td>
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<tr>
<td>Q9</td>
<td>Cost estimate</td>
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<tr>
<td>Q10</td>
<td>Change order data</td>
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</tbody>
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### Interstate Access Justification Reports
**Project Involvement; Required**

**North Dakota Division Office**

**Interchange Justification Report**

Intermodal, Rail and Business Street
Project number: [ ] Application of a, a statement and an analysis

*Interchange Justification Report*

*U.S. Department of Transportation*
*Federal Highway Administration*
New Town NW Truck Reliever Route

Project Involvement; Risk-Based

- Employee in Responsible Charge
- Traffic Management Plans
  - Accommodate all Transportation Users in Work Zones
- Railroad, Utility, and ROW Certifications
- Interstate Justification Reports
- PODI — FHWA Required Action
Federal-aid Essentials for Local Public Agencies

North Dakota Division Office

- https://www.fhwa.dot.gov/federal-aidessentials/

“Culture of Innovation”

North Dakota Division Office

-- Where are the opportunities to accelerate innovation in your organization?
Every Day Counts

EDC-4 Innovations (2017-2018)

- EDC Overview Video
- ATS/PIKs
- Collaborative Hydraulics (CHANGE)
- Community Engagement
- Data-Driven Safety Analysis
- 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

Thank You!

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Buckle Up…Zero Fatalities, Zero Excuses