



North Dakota Division Office

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

FHWA Update




U.S. Department of Transportation
Federal Highway Administration



Discussion Areas

North Dakota Division Office

- FHWA Briefly
- Federal Funding
- FHWA Role
 - Federally Assisted, State Administered
 - Stewardship and Oversight

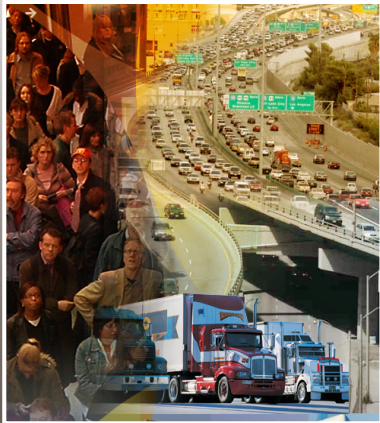


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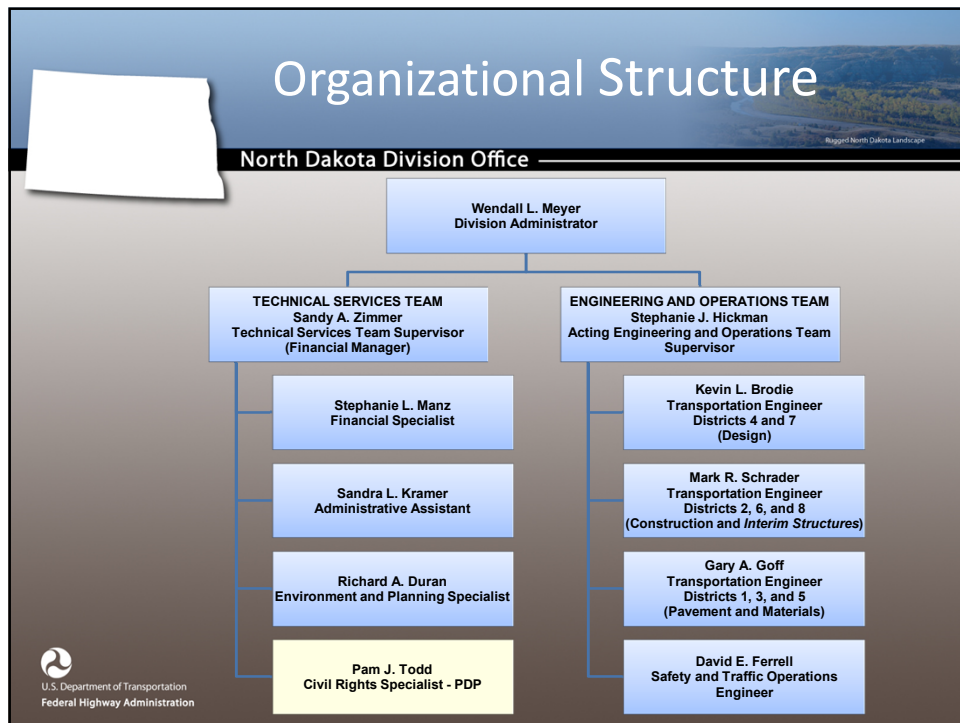
FHWA Briefly: Who are we?

North Dakota Division Office

- **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...





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Federal Funding: How much money?

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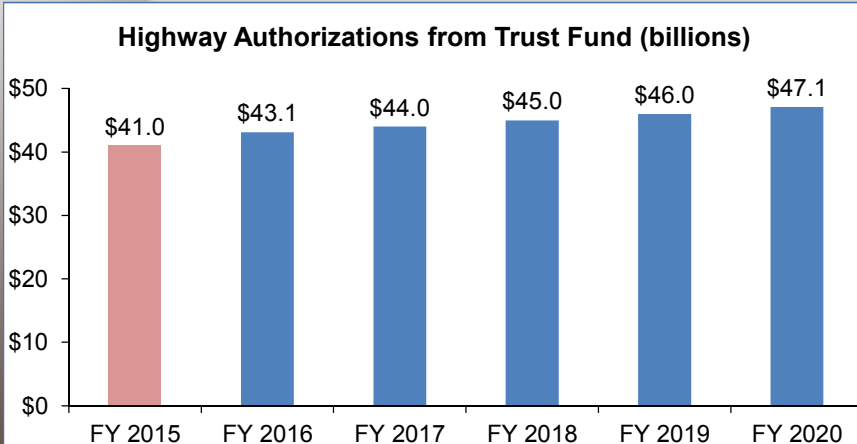
- **Transportation Reauthorization**
 - Fixing America’s Surface Transportation (FAST) Act
- **FY2018 Appropriations Act**
 - North Dakota’s Apportionment is about \$261M
 - North Dakota’s Obligation Limitation estimated at about \$80-\$85M (approximately 35%) through February 8 via fourth continuing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




Highway contract authority grows each year

North Dakota Division Office

Highway Authorizations from Trust Fund (billions)



Fiscal Year	Authorization (billions)
FY 2015	\$41.0
FY 2016	\$43.1
FY 2017	\$44.0
FY 2018	\$45.0
FY 2019	\$46.0
FY 2020	\$47.1



FHWA Role: What do we do?

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A Partner...

In “A Federally Assisted, State Administered Program”

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Key Terms

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**RBSO
Fundamentals**

- **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.

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RBSO Fundamentals

The Shifting Federal Role

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Responsibility → NDDOT/Local Agencies
Authority/Oversight remains with FHWA

Interstate Era (1950's - 1980's)

TEA Era (1990's - 2012)

MAP-21 (2012-2015)

FAST Act (2015-2020)

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RBSO Fundamentals

FHWA RBSO Involvement Principles

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The ABCDs

- Added Value
- Based on Risk
- Consistent
- Data-Driven

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RBSO Fundamentals

Balancing Resources and Risk

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    graph TD
      A[Program and Project Involvement] --- B[National and Local Risks]
      A --- C[National and Division]
      B --- C
      C --- D[RBSO]
  
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DBE Goal Setting Methodology Program Involvement; Required

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**U.S. Department of Transportation
Federal Highway Administration**

North Dakota Division
December 29, 2017

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Bismarck, North Dakota 58103
Phone 701-256-4264
Fax 701-256-4268

Mr. Thomas K. Seel, Director
North Dakota Department of Transportation
608 East Boulevard Avenue
Bismarck, North Dakota 58105-0700

Attention: Raouana Bernard

Dear Mr. Seel:

Subject: Fiscal Year (FY) 2018 – 2020 Disadvantaged Business Enterprise (DBE) Goal

In accordance with the provisions of 49 CFR 26.43, we have reviewed the overall goal submitted by the North Dakota Department of Transportation (NDDOT) for the FY 2018 – 2020 Federal-aid Highway DBE program.

The NDDOT submitted an overall goal of 4.91 percent (3.25 percent of which is project to meet through race neutral means and 1.66 percent through race-conscious means). Our review considered the overall goal as well as the description of the data and methodology used in arriving at your overall goal, including the base figure calculation and evidence supporting the calculation, adjustments, if any, made to the base figure and the evidence supporting these adjustments, a summary of the relevant evidence in your jurisdiction, the proportion of the portion of your overall goal that you will meet through race neutral as opposed to race-conscious means and the basis for your projections; and the evidence of public participation in establishing your overall goal.

After reviewing that information, we have determined that the goal setting methodology you have employed is consistent with the requirements of 49 CFR 26.43 and that you have followed the requirements for public participation in establishing your overall goal as set forth in 49 CFR 26.43(g). Further, we have also approved your projection of the portion of your overall goal that you expect to meet through race neutral and race-conscious means. Your projections are subject to modifications during the fiscal year in accordance with 49 CFR 26.51.

As you are aware, a separate overall DBE goal for programs funded by the Federal Transit

Federal-aid Highway Program Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between

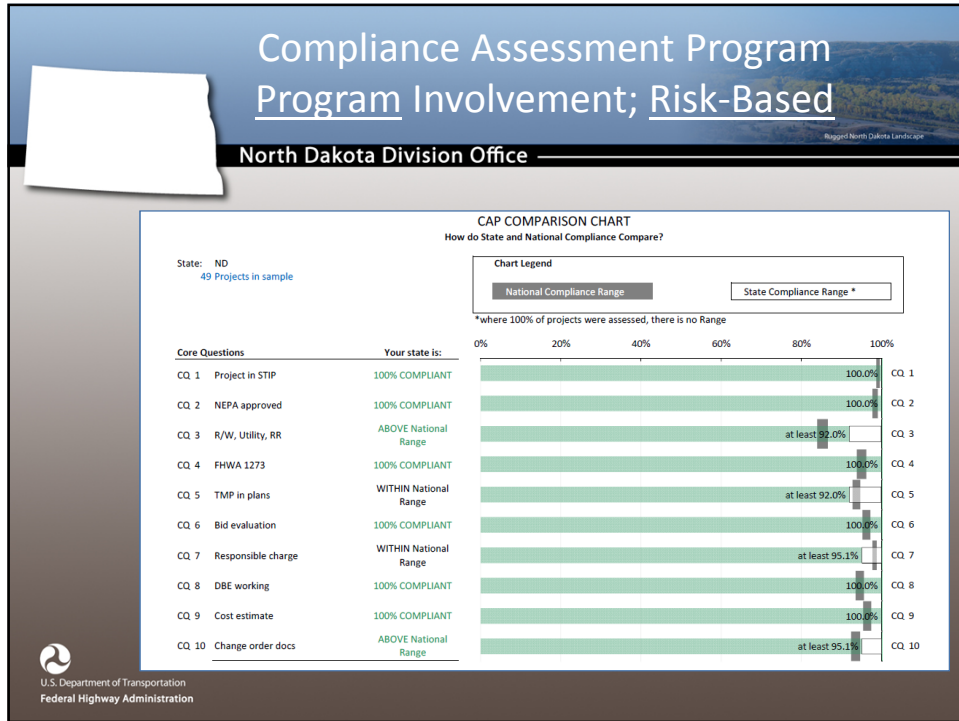
**North Dakota Department of Transportation
And
Federal Highway Administration
North Dakota Division**

The Federal Highway Administration, North Dakota Division (FHWA), and the North Dakota Department of Transportation (NDDOT) enter into this agreement to conduct project oversight activities in accordance with the following stipulated elements. This agreement outlines responsibilities and accountability for FHWA and NDDOT. The purpose of this agreement is to clarify actions, prevent misinterpretations, and avoid time delays.

At a minimum, this agreement will be reviewed every three years by FHWA and NDDOT in January. FHWA or NDDOT may initiate amendments to this Agreement should essential modifications become apparent to either party.

See Section 2.2.1 of the NDDOT/FHWA Stewardship Agreement that includes federal approvals that can't be assumed by the State.

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Project of Division Interest (PODI) Plan Project Involvement; Risk-Based

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New Town NW Truck Reliever Route

5. What are the general project phases that will be reviewed (select all that apply):


<input type="checkbox"/> Project Authorization & Project Agreement <input type="checkbox"/> Project Planning & Programming <input type="checkbox"/> Project Financing <input type="checkbox"/> Environmental Clearances/NEPA <input type="checkbox"/> Preliminary Design <input checked="" type="checkbox"/> Final Design	<input checked="" type="checkbox"/> Plan, Specification, & Estimate Development <input checked="" type="checkbox"/> Advertising and Award <input type="checkbox"/> Innovative Contracting/Design Build <input type="checkbox"/> Contract Administration <input type="checkbox"/> Construction Inspection & Quality <input type="checkbox"/> Other – Describe:
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Please provide a specific description of the above phases that will be reviewed:
 FHWA proposes to retain bid authorization approval to insure utility certifications meet federal requirements and can be validated through utility relocation agreements and bid documents to meet NDDOT certification statement.

6. What are the general S&O activities that the Division will conduct in response to risk (select all that apply):


<input checked="" type="checkbox"/> Retained Project Approval Actions (those originally assumed by the DOT as per the S&O Agreement) <input checked="" type="checkbox"/> Project/Technical Meetings (all/some – explain below) <input checked="" type="checkbox"/> Document/Plan Review (explain which ones below) <input type="checkbox"/> Field Review/inspection & Report (when and at what specific field activity, explain below) <input checked="" type="checkbox"/> Special Review (R/W, Utilities, RR agreements, etc. – explain below) <input type="checkbox"/> Other – Describe:	
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Please provide a specific description of the above S&O activities that will be conducted:
 Federal review of utility certification documents, utility certification statements and PS&E plans, plan notes, and bid proposal requirements related to concurrent utility work.



Sampling of Project Reminders

North Dakota Division Office



- 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

North Dakota Division Office

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



Thank You!

North Dakota Division Office

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 Division Administrator
 Federal Highway Administration
 North Dakota Division
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Buckle Up...Zero Fatalities, Zero Excuses

