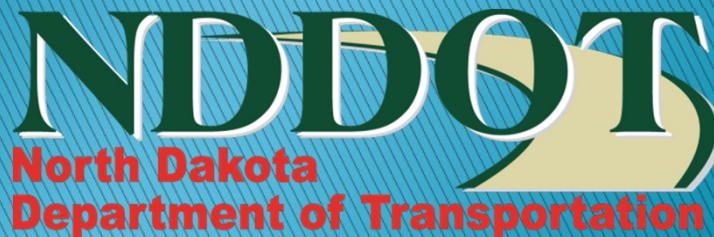


# Theodore Roosevelt Expressway Meeting

August 30, 2011



# Theodore Roosevelt Expressway (TRE) Study

- ▶ Theodore Roosevelt Expressway (TRE) study was completed in 2010.
  - Conducted Public meetings
  - Analyzed traffic
  - Provided good information

# Energy Industry continues to grow

- ▶ All routes in oil producing counties have increased traffic.



# Super 2 Highway Concept

NDDOT moving forward on Super 2 Highway Concept on U.S. Highway 85.

- Construction work includes additional turning lanes and passing lanes.
- The ultimate goal is to reshape the roadway into an undivided four-lane highway.



# Projects on U.S. Highway 85

Conducting \$47.3 million of construction work on roadway 2010-11 and \$17.3 million of projects 2012-2015.

## ► **2010 Projects on US 85:**

- Belfield to Gorham Junction – Overlay = \$3.16 million
- North of Amidon – Overlay = \$816,000
- North of Grassy Butte – Microsurfacing & pavement = \$2.59 million
- ND Highway 85 – Grading of North Unit Badlands = \$8.6 million
- Long X Bridge repair = \$1.9 million
- Near Long X Bridge – Microsurfacing = \$1.05 million
- Junction ND 200 N to Grassy Butte – Turn lanes = \$536,000
- Various locations – Turn lanes & widening = \$8.66 million
- Gorham Junction N to Grassy Butte – Pavement = \$6.34 million



# Projects on U.S. Highway 85

## ▶ **2011 Projects on US 85:**

- Junction US 85 & McKenzie CO 30 – Turn lanes & pavement = \$1.3 million
- Watford City W & N to Alexander – Widening, pavement, passing/ climbing lanes = \$17 million
- Alexander to Junction of US Highway 2 - Widening, pavement, passing/ climbing lanes = \$15.84 million
- 1 mile north of Long X Bridge – Slide Repair = \$7.2 million (ER Funding)
- US 85 & ND 23 intersections – 3 Interim traffic signals = \$550,000

## **2012 -2015 Projects on US 85:**

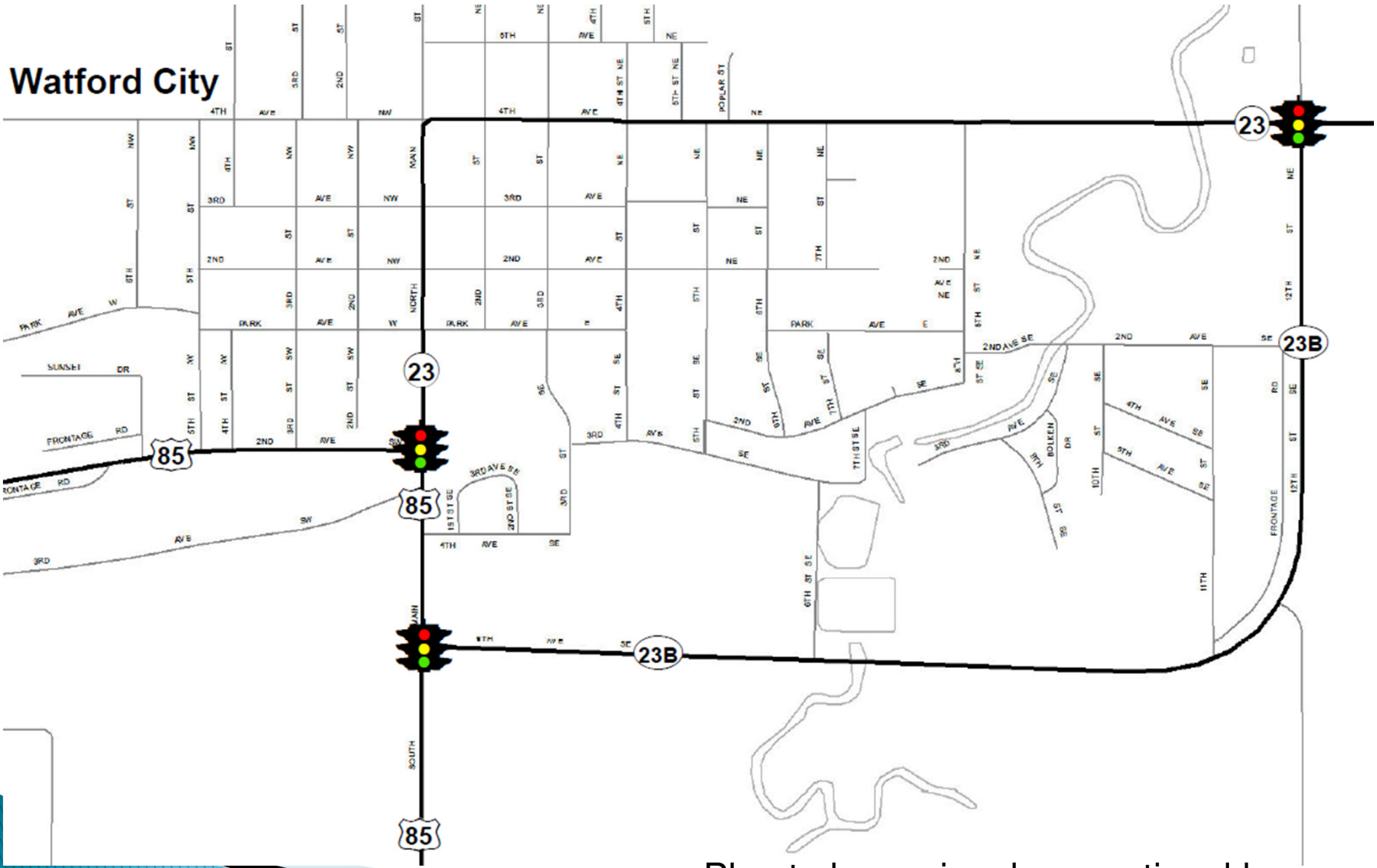
- More than 18 projects planned = Approximately \$17.3 million

# Traffic Bypass Routes

- ▶ NDDOT is currently conducting a study on the feasibility of constructing traffic bypass routes at:
  - Williston
  - Alexander
  - Dickinson
  
- ▶ Also discussing possibility of traffic bypass routes at:
  - Watford City
  - New Town



# Interim Traffic Signals



Plan to have signals operational by end of this year, weather permitting

# NDDOT's Next Steps

North Dakota DOT in cooperation with the Oil and Gas Division, is monitoring oil development in western part of state including the advancement of the Tyler formation in southwest N.D.

NDDOT's plan includes:

## **Complete Regional Traffic Model**

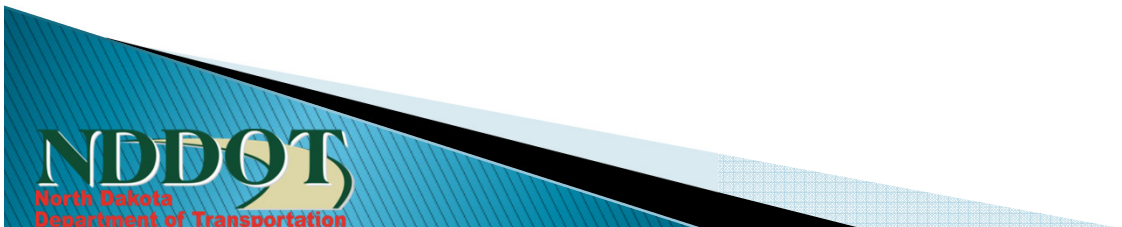
- The DOT recently entered into a contract with the Upper Great Plains Transportation Institute (UGPTI) to develop a traffic forecasting model .
- The model will account for the evolving trends in:
  - energy
  - agricultural
  - manufacturing sectors in western North Dakota.



# Traffic forecasting model continued...

The traffic forecasting model which will be operational by next summer will be used to:

- produce traffic forecasts for highway segments during specified time periods.
- serve as a forecasting tool to support transportation investment strategies in the state's 17 oil producing counties.



# NDDOT's future plan

Additional steps in the future plan include:

- ❖ Enhancing Corridor safety and pavement.
- ❖ Continue working with stakeholders.



# Road Construction

## Transportation Projects:

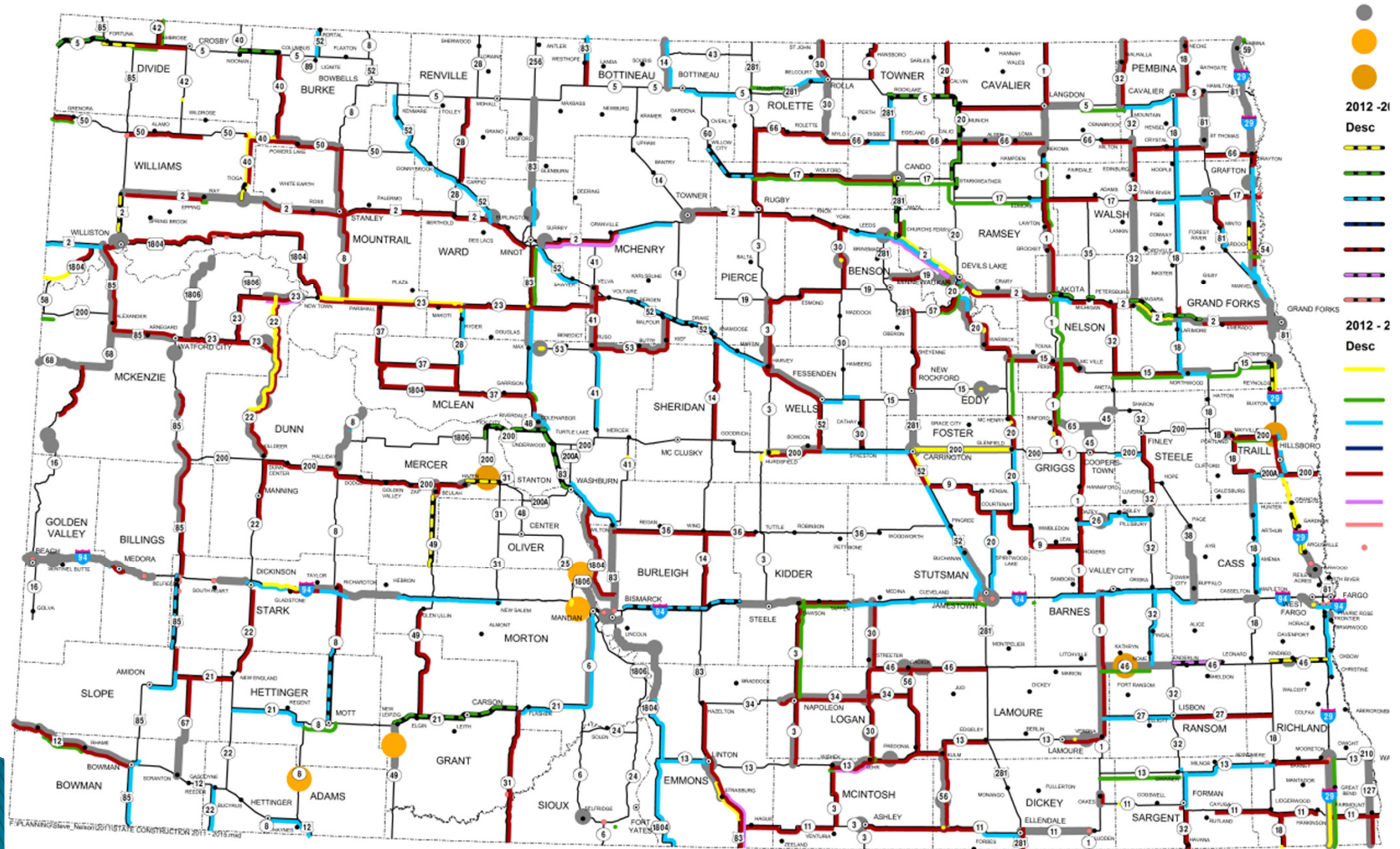
The NDDOT had a record construction season in 2010 - one of the largest seasons in state history.

In 2010 completed approximately **\$442 million** in transportation projects.

2011 will be another record construction year for N.D. **\$592 million** bid through August.



# Construction Projects 2011-2015



# Extraordinary State Highway Maintenance = \$228.6 M

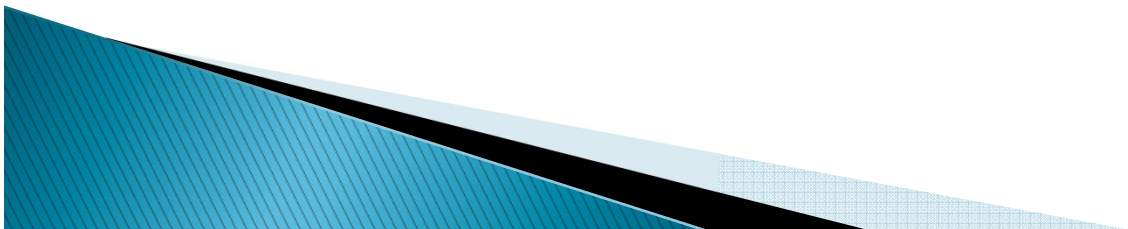
- ▶ The Department is designing and working on projects on the following roadways:
  - ND 22 – Dickinson north to Hwy 23
  - ND 23 – from New Town east and west
  - ND 8 – north and south of Stanley
  - ND 1806 – north of Watford City
  - Other overlays on various highways will be completed.



# Emergency Repair (ER) Projects

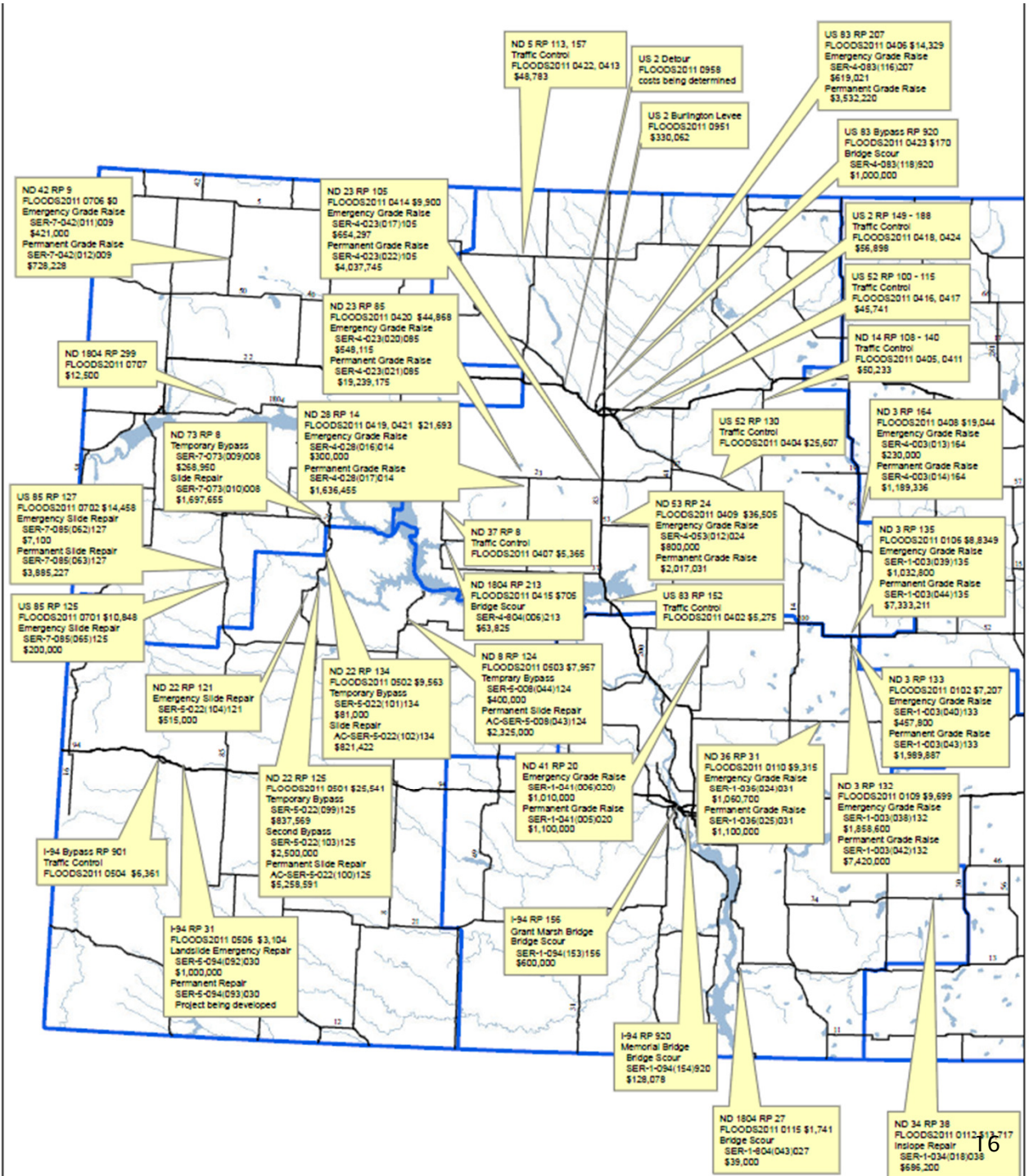
- ▶ Due to challenging weather and wet conditions throughout the state, the Department is working on a large number of Emergency Repair projects.
- ▶ Total = \$380 million\*
  - \$264.3 million on state highways
  - \$116.2 million on county roadways

\* (As of August 26, 2011)



# Emergency Repair (ER) Projects

## Western North Dakota





# Landslide on US Highway 85



# Landslide on ND Highway 22



Dickinson District Engineer Larry Gangl stands in landslide area on ND Highway 22 north of Kildeer – July 2011.

# Map of landslide areas



# Water on roadways



**ND Highway 46 by Gackle**



**Lamoure County roadway**

# Federal Funding

## Uncertainty of future federal funding:

- N.D. very dependent on federal highway funding
- Current federal highway bill expired Sept. 30, 2009.
- Have been operating under a series of continuing resolutions based on 2009 funding levels.
  - Difficult to do long range planning
  - Current extension expires in September, 2011
- Continue working with our Congressional delegation and Five-State Coalition.



# Summary

Transportation infrastructure investment results in many benefits:

- Creates jobs and strengthens the economy.
- Improves safety.
- Improves mobility for our citizens and businesses.

With these and other benefits in view, NDDOT is working hard to “provide a transportation system that safely moves people and goods.”

