Ports to Plains Conference

October 7, 2015
Williston, ND
North Dakota Has Experienced Tremendous Growth

- **Agricultural Growth** - Crop production has increased 418% from 1950-2014.

- **Manufacturing Growth** – North Dakota is one of few states experiencing an increase in manufacturing throughout the United States.

- **Energy Growth** – Barrels of oil produced daily has increased from 344,000 in 2010 to 1.1 million in July 2015.

- **Population Growth** - U.S. Census Bureau estimates North Dakota’s population reached an all-time high of 739,482 residents in 2014, an increase of 15,625 from 2013.

- **Job Growth** - Employment soared by 29% from 2007 to 2014.
Community Growth

Several North Dakota cities are among the fastest-growing in the nation according to the U. S. Census Bureau.*

**Non-metropolitan areas:**
- Williston lead the way with 10.7 percent growth.
- Dickinson ranked No. 2 with 5 percent growth.
- Minot ranked No. 5 with 3.7 percent growth.

**Metropolitan areas:**
- Fargo-Moorhead ranked No. 4
- Bismarck ranked No. 5
  - Each community had 3.1 percent growth.
  - According to the Census Bureau - Watford City’s population grew 141% from 2010 to 2014.

* Numbers are for growth between July 1, 2012, and July 1, 2013.
All Traffic – State Highways

VMT on State Highways

Vehicle Miles Traveled (VMT) in billions

+41%

2008 2009 2010 2011 2012 2013 2014
Truck Traffic – State Highways

Truck VMT on State Highways

Vehicle Miles Traveled (VMT) in billions

+95%

2008 2009 2010 2011 2012 2013 2014
Traffic Growth

- The Average Daily Traffic (ADT) Count chart below illustrates traffic counts in 2015 – see blue line with yellow markers.
Truck Traffic

In 2015 there has been a decrease in truck traffic. NDDOT is currently gathering data and will have more information on traffic later this fall. The Truck Average Daily Traffic (TADT) Count chart below illustrates traffic counts, for 2015 counts – see blue line with yellow markers.

NOTE: The lines for 2010, 2011, 2012, 2013, and 2014 were adjusted upward to compensate for the addition of 10 new stations at the start of 2015.
Transportation Challenges

Traffic mixture is different today than it was in the past.

- More trucks and bigger vehicles.

US Highway 85 between Watford City and Williston

Traffic into Williston
Traffic Delays

- Traffic delays occur in the oil impact region of the state.

*US Highway 85 Traffic in Watford City.*
System Condition

ND Highway 68 south of Alexander.
The NDDOT has received approximately $2.26* billion for Road Projects in the 2015-17 Biennium. *Amount includes Trigger Funding.
$2.26* billion for Road Projects *(numbers include state, federal & match funding)*

- **Western North Dakota = $1.44 *billion**
  - State Highways = $1.14* billion
    - Includes Early “Surge” Funding = $450 million from SB 2103
    - Cities, Counties and Townships = $306.9 million

- **Central and Eastern North Dakota = $824 million**
  - State Highways = $452.3 million
  - Cities, Counties and Townships = $371.1 million

*Trigger Funding - A portion of the SB 2015 transportation funding is based on a trigger that is contingent upon revenue exceeding projections in the General Fund.*

**Western North Dakota enhanced state highway funds include:**

- **$18.00 million** - No trigger on this funding
- **$20.00 million** - Based on a trigger that is contingent upon revenue exceeding projections by $20M on 6/30/15 in the General Fund.
- **$25.85 million** - Based on a trigger that is contingent upon revenue exceeding projections by $126M on either 12/31/15 or 6/30/16 in General Fund.
- **$46.00 million** - Based on a trigger that is contingent upon revenue exceeding projections by $250M on 12/31/16 in General Fund.

**Total = $109.85 Million**
Federal Funding

- All of the federal funds we budgeted for in 2015 have been received.

- The NDDOT is presently operating under a continuing resolution that ends on October 29, 2015.

- The Senate recently passed the Developing a Reliable and Innovative Vision for the Economy (DRIVE) Act, which reauthorizes transportation programs for six years. The bill provides contract authority for six years but only provides funding for three years.

- The House is also considering transportation legislation.
Highway Account of the Highway Trust Fund (Includes FHWA, FMCSA & NHTSA)

1/ Graph reflects actual data through 9/4/15 and end-of-month projections through FY 2016.
2/ Total receipt and outlay projections are based on FY 2016 Mid-Session Review assumptions. Projected monthly receipt and outlay rates are based on historic averages.
3/ The shaded area represents when the Highway Account balance drops below $4 billion, at which point cash management procedures may become necessary.
4/ Range of anticipated shortfall: Green brackets denote the estimated window of when the anticipated shortfall will occur.

Source: FHWA
Watford City Bypasses

The Watford City Southeast and Southwest Truck Bypass project
Williston NW Truck Bypass
Four laning of US Highway 85
Large Amount Of Road Work Has Been Completed

- **US 85 four lane project** between Watford City and Williston – last phase under construction this year.
  - In 2014 approximately $244.3 million of road projects were bid out for construction on US 85. Some of the projects are multi-year projects.
  - In 2015 more than $33.4 million in US 85 projects will be bid out.

- **Truck Bypass and Reliever Routes:**
  - US 85 Watford City = $80 Million
  - ND 23 Watford City = $50.3 Million
  - Alexander = $28 Million
  - New Town = $25 Million
  - Dickinson Interim = $40 Million
  - Williston Northwest = $162 Million – under construction
  - Killdeer – construction to begin this year
Environmental Process
US Hwy 85 - I-94 Interchange to Watford City Bypass

- Need to conduct cultural resources, biological, wetlands, noise and topographic studies etc......

- Agency Coordination

- Hold public meetings

- Publish Draft of EIS for public review

- Hold public meetings

- Final EIS approval is October of 2017
Safety is a priority

- Made significant investments in infrastructure across the state by enhancing safety for the traveling public

**Statewide**
- Rumble stripes
- Sixty-Seven online cameras available to view road conditions
- Turn lanes at some major intersections
- Passing lanes/oil country
- Local Roads Safety Program
More Work Ahead

- Much has been accomplished.
- There is still a lot of work to do.
Questions?

THANK YOU