



WESTERN NORTH DAKOTA HIGHWAY PROJECT UPDATE

Office of Project Development Conference 2014

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NDDOT
North Dakota
Department of Transportation

OBJECTIVES

- ❖ North Dakota's Agriculture Shift
- ❖ US 85
- ❖ Bypasses/Truck Reliever Routes
- ❖ Lessons Learned

Changing North Dakota Agricultural Growth 1950-2012

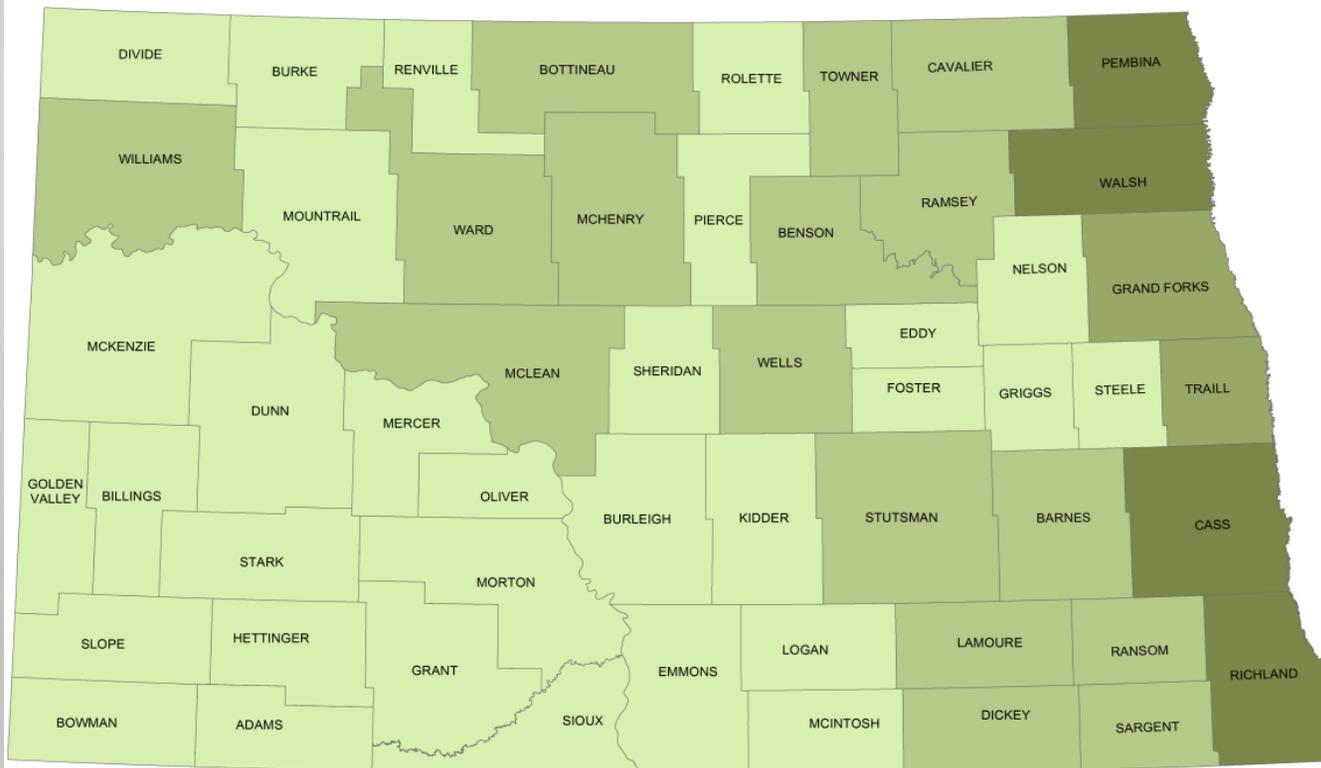
1950 = 17.1 Billion Pounds*

2010 = 89.4 Billion Pounds*

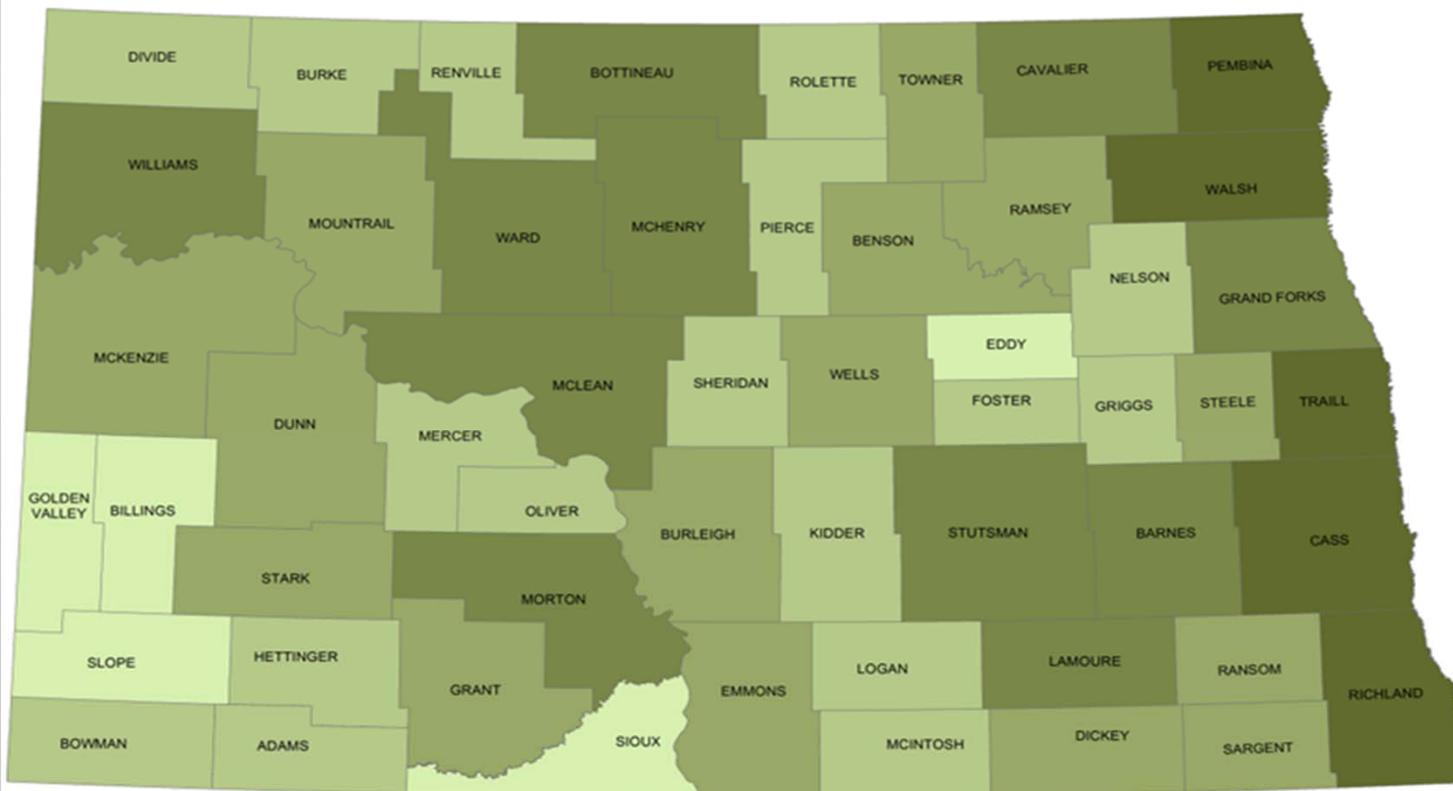
422% Increase

**Approximate numbers*

1980 CROP PRODUCTION



2010 CROP PRODUCTION



MANUFACTURING GROWTH



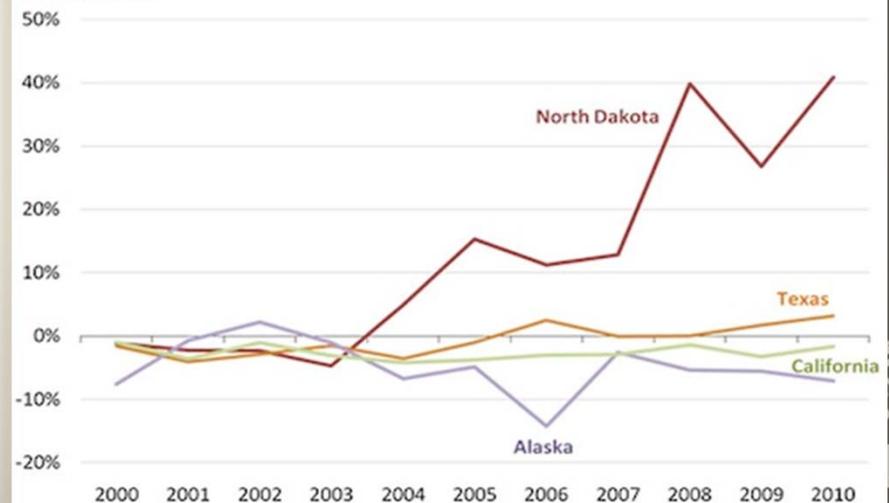
North Dakota is one of only a few states to experience a growth in manufacturing between 2000 and 2012.

ENERGY GROWTH

- Approx. 1 million barrels of oil produced daily in 2014
- Compared to 344,064 barrels per day in 2010.



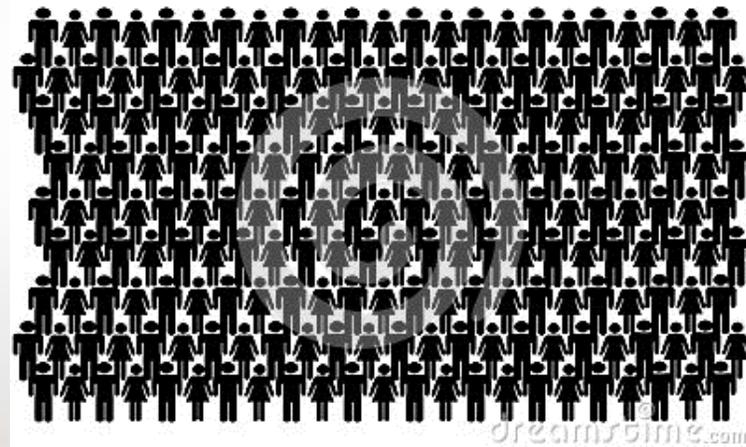
Figure 1. Year-over-year change in oil production top four oil producing states in 2010



Source: U.S. Energy Information Administration

CHANGES IN NORTH DAKOTA

- ❖ Population Growth - North Dakota's population reached an all-time high in 2013.
- ❖ Increase of 12.6% from Census data taken in 2000.

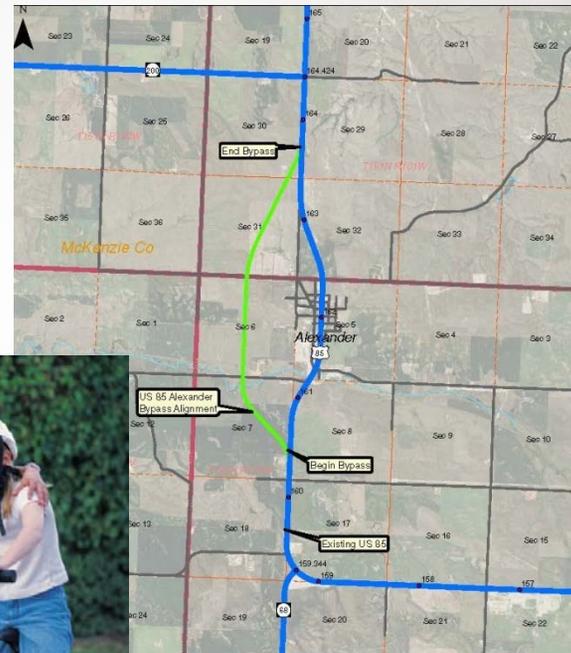


US 85

- ❖ Belfield to Watford City
- ❖ Watford City to McKenzie
County Hwy 16
- ❖ McKenzie County Hwy 16 to
Williston



ALEXANDER

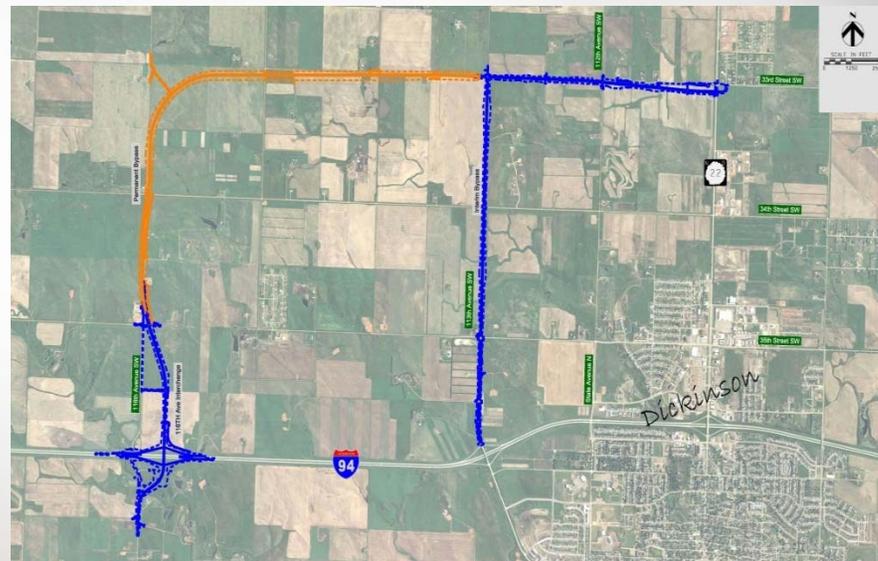


DICKINSON

❖ Interim - Currently open to traffic

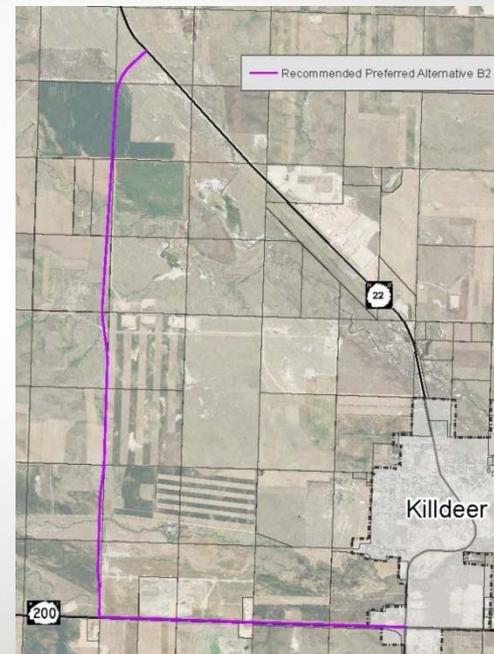
❖ Permanent

- 116th Ave Interchange is under construction
- Roadway just getting started with tentative BO in July 2015



KILLDEER

- ❖ Preferred alignment has been identified
- ❖ USACE is the lead federal agency
- ❖ Roundabouts are to be constructed at both ends



NEW TOWN NE

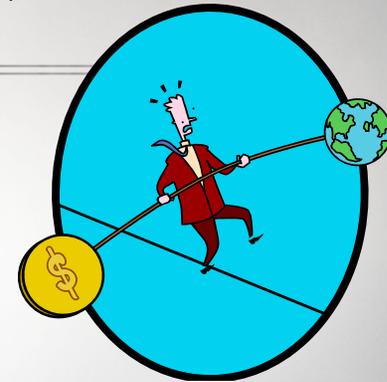
❖ Bid November 22, 2013

❖ Opened November 17, 2014



NEW TOWN NW

- ❖ Environmental has recently started
- ❖ Field Review was held 8/25/14
- ❖ Potential alignments may be on USACE property or result in redesigning portions of the golf course



WATFORD CITY



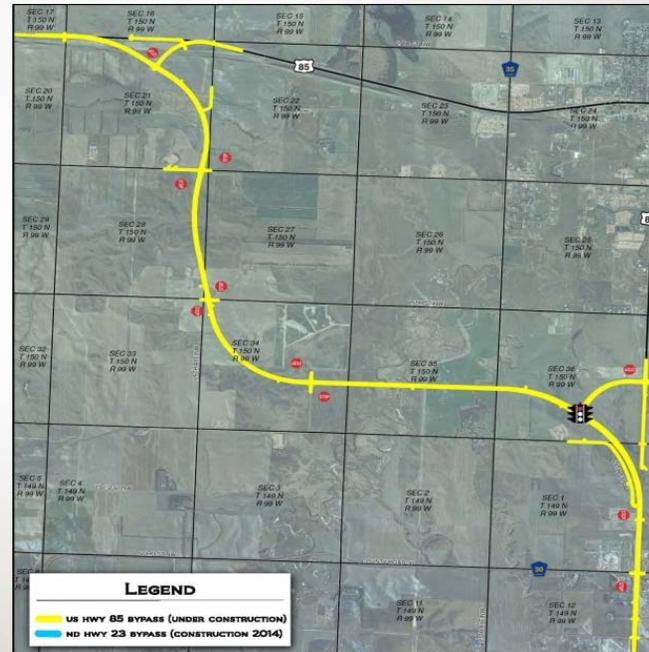
WATFORD CITY SE

- ❖ Bid March 2014
- ❖ Opened on October 28th



WATFORD CITY SW

- ❖ Bid September 2013
- ❖ Opened on October 28th



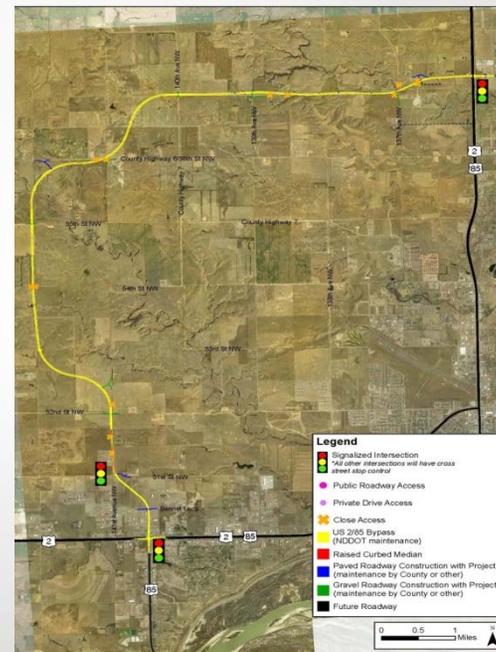
WILLISTON NW

❖ Bid and constructed in 3 phases

- Phase 1 bid Nov 2013
- Phase 2 bid April 2014
- Phase 3 bid May 2014

❖ 2 lanes paved and open to traffic by Fall 2014

❖ Complete bypass to be open Fall 2015



4-MILE CORNER (EB)

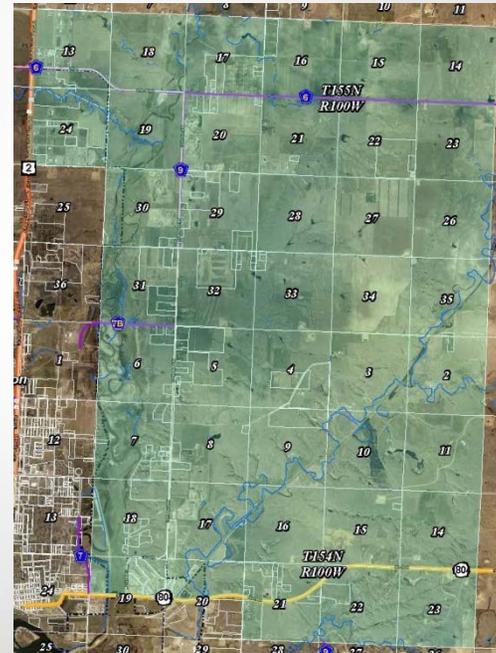


4-MILE CORNER (WB)



WILLISTON NE

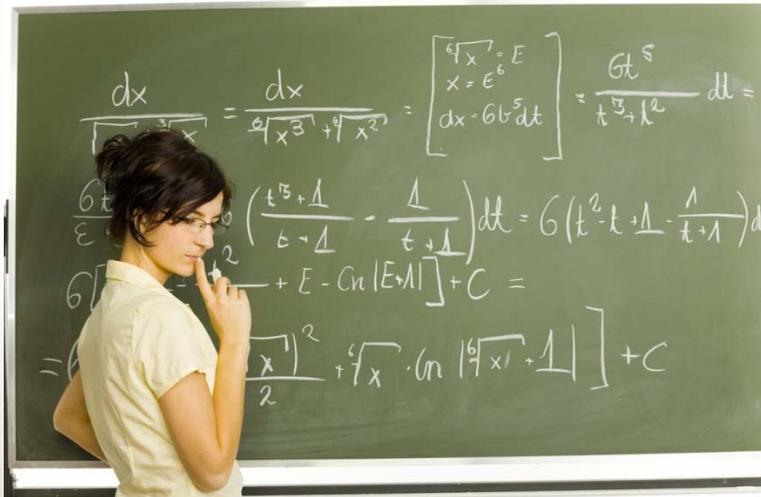
- ❖ Working to get consultant under contract
- ❖ Potential for mine shafts
- ❖ Currently need to cross RR, but may be new rail yard
- ❖ No clear alignment



LESSONS LEARNED

❖ Communication

- Community
- Consultants
- Contractors



COMMUNICATION TOWERS

Original



Replacement



PETRIFIED WOOD



RIGHT OF WAY



THANK YOU

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