

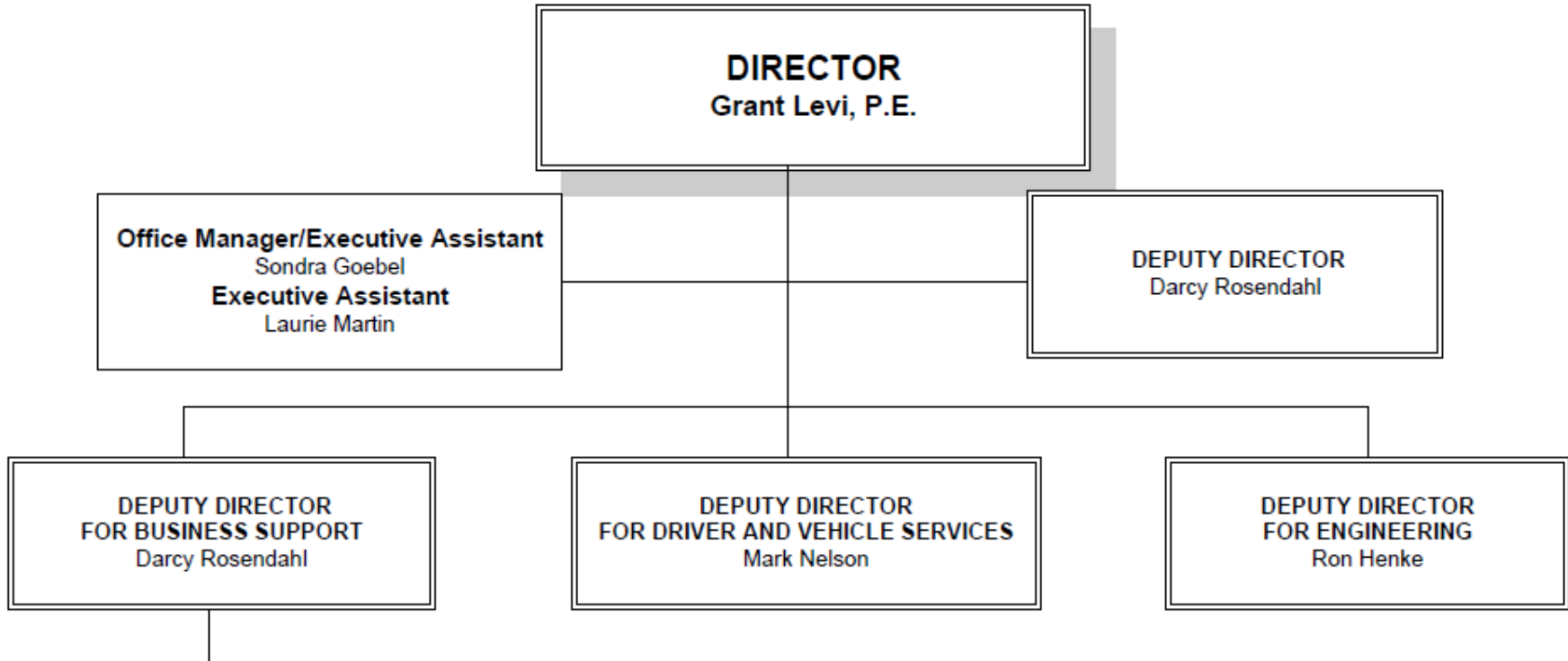
NDDOT

**North Dakota
Department of Transportation**

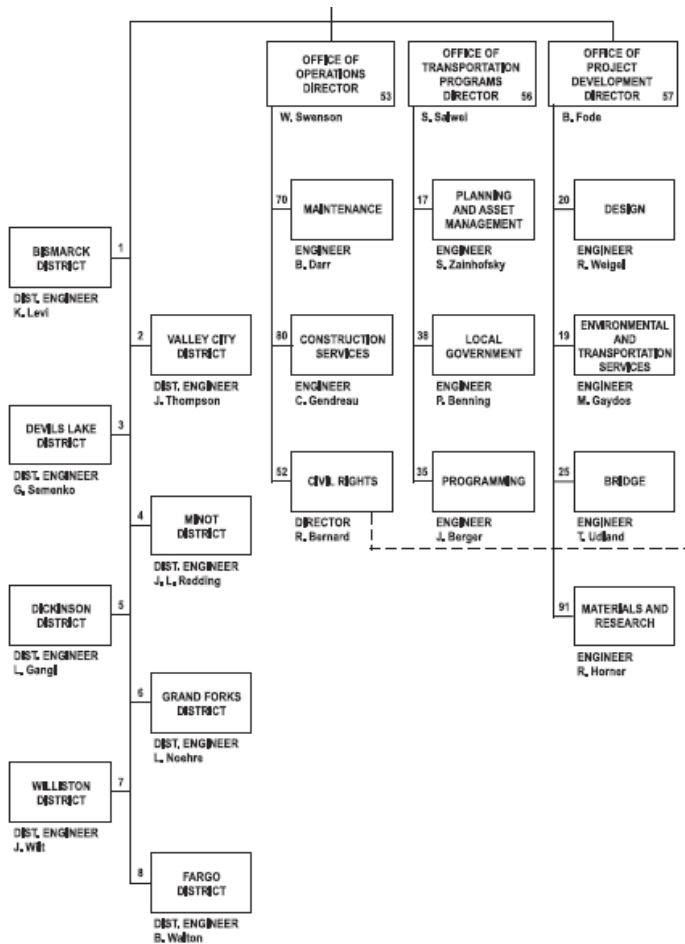


Les Noehre Grand Forks District Engineer

Executive Office



Engineering Staff



- Districts – Chief Engineer
- CO Divisions – Office Holders
- Maintenance Division
 - \$ Facility
 - \$ Equipment
 - \$ Contract
- Districts - \$ Operations
- Bottom line – we must work together

Highway System

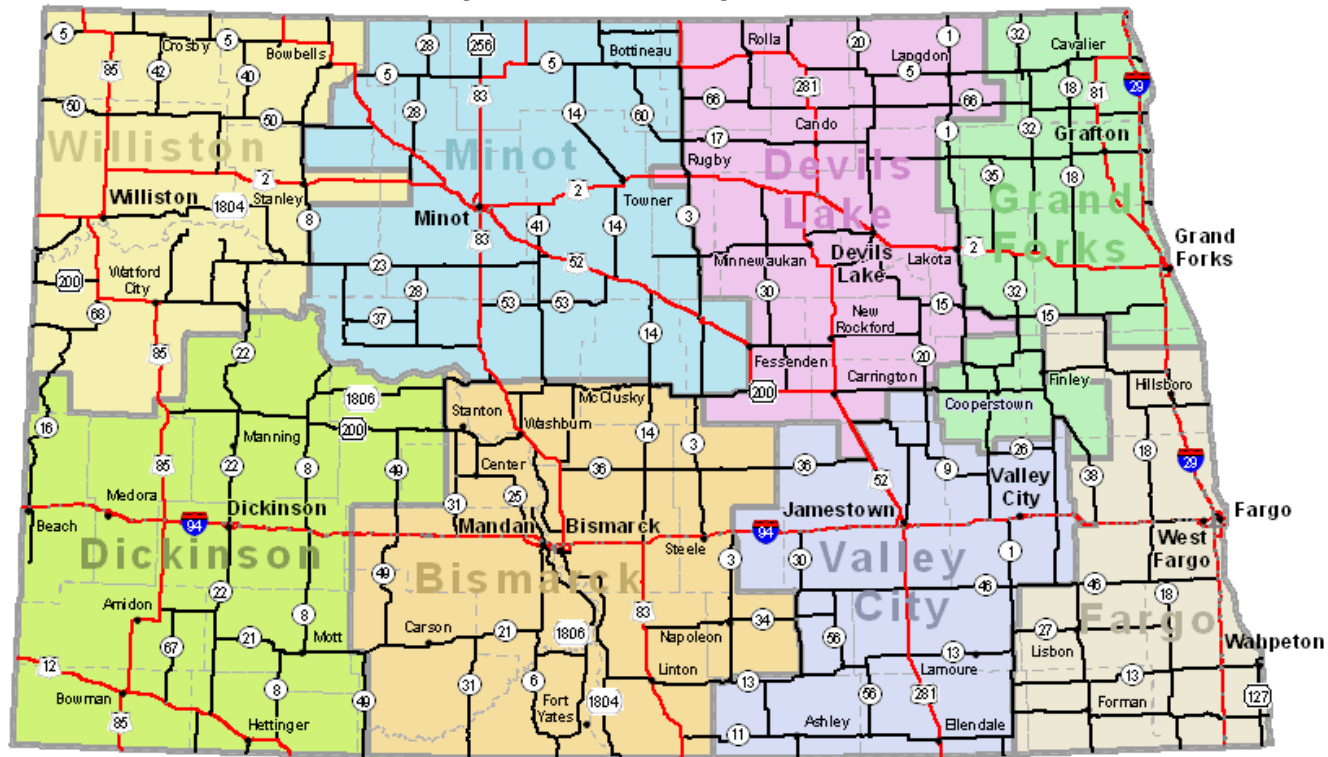
- State system 8,518 miles or 7.9 %
- County System 18,698 miles
- Other rural roads 56,867 miles
- City streets 3,907 miles
- Trails 19,823 miles
- Total 107,813 miles

Workforce

- 1,080 FTEs
 - Nonunion state
 - Maintenance employees = about 400
- 120 Seasonal Temporaries
- Consultants
 - Project development
 - Construction engineering

8 Districts

North Dakota Department of Transportation Districts



- | | | | |
|-------------|-----------|-------------|-------------|
| Bismarck | Dickinson | Grand Forks | Valley City |
| Devils Lake | Fargo | Minot | Williston |

Red River Valley

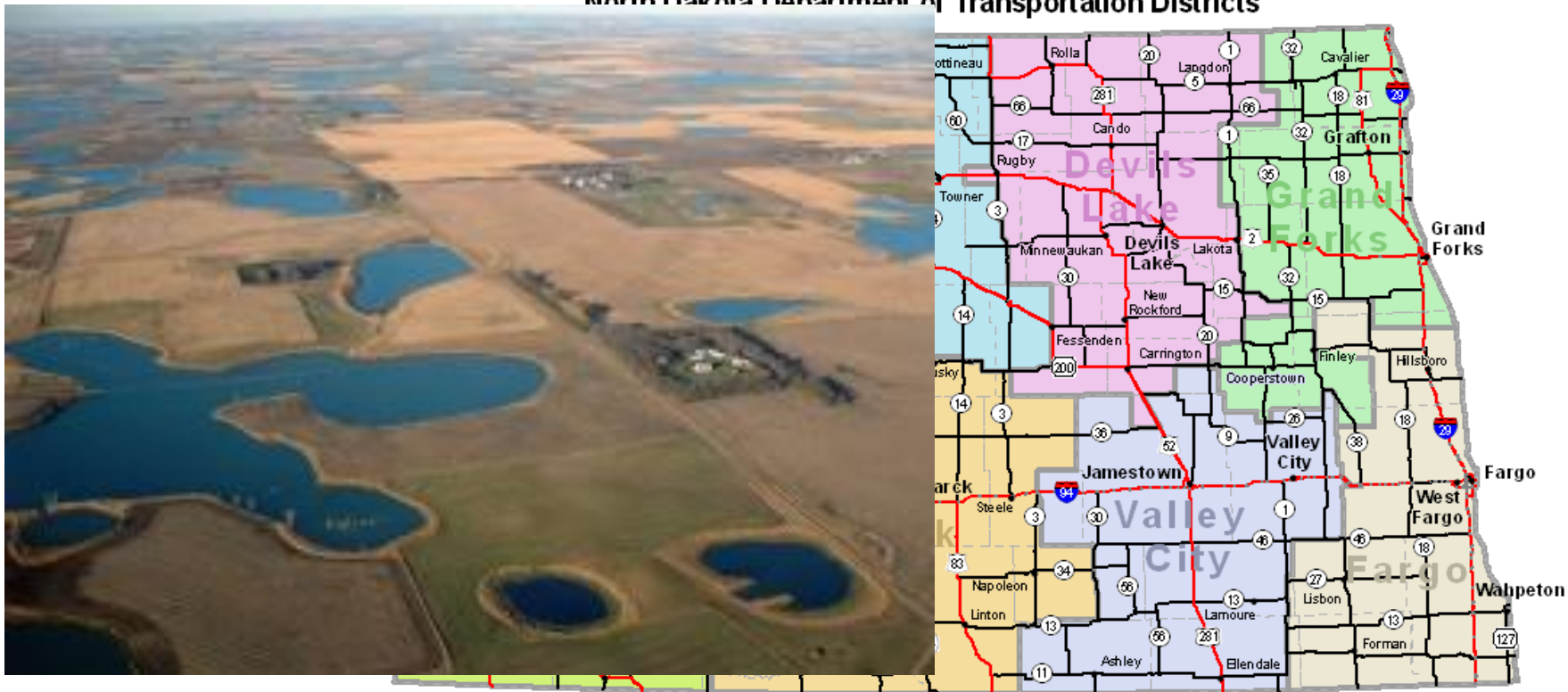
North Dakota Department of Transportation Districts



- | | | | |
|---|---|--|---|
|  Bismarck |  Dickinson |  Grand Forks |  Valley City |
|  Devils Lake |  Fargo |  Minot |  Williston |

Prairie Pothole

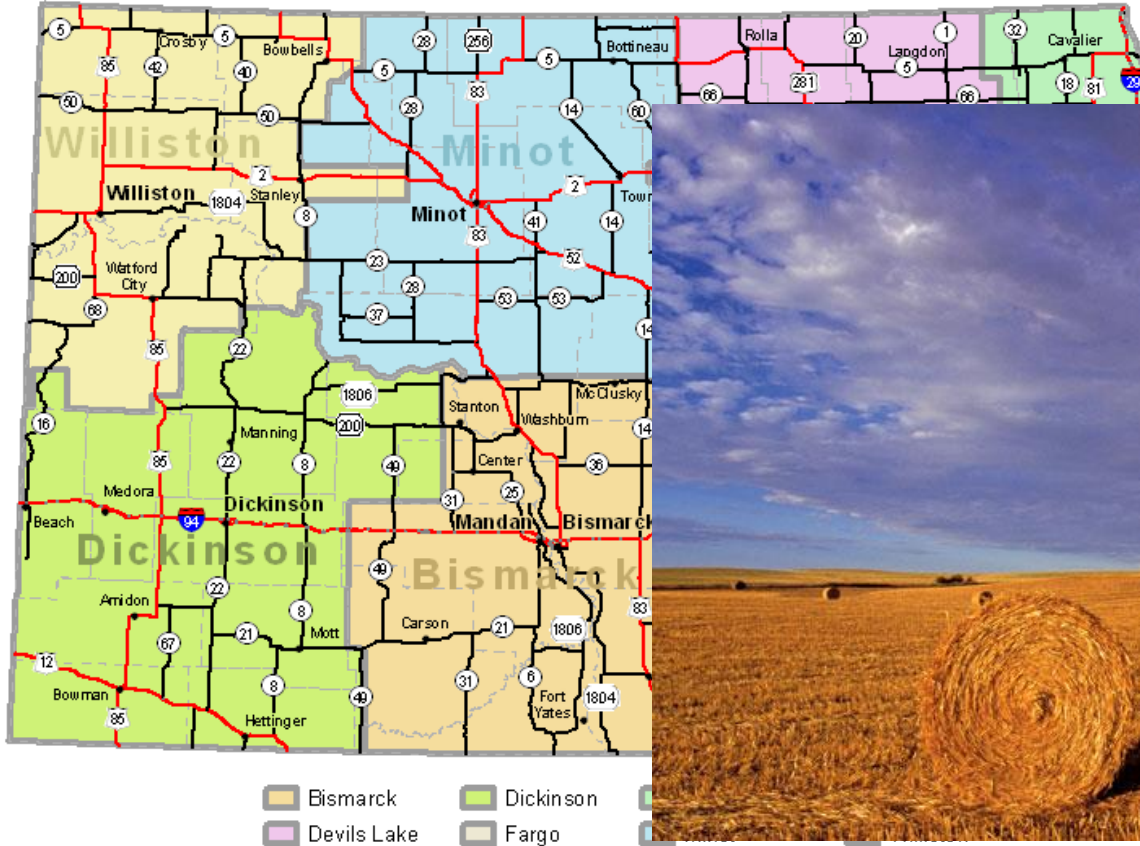
North Dakota Department of Transportation Districts



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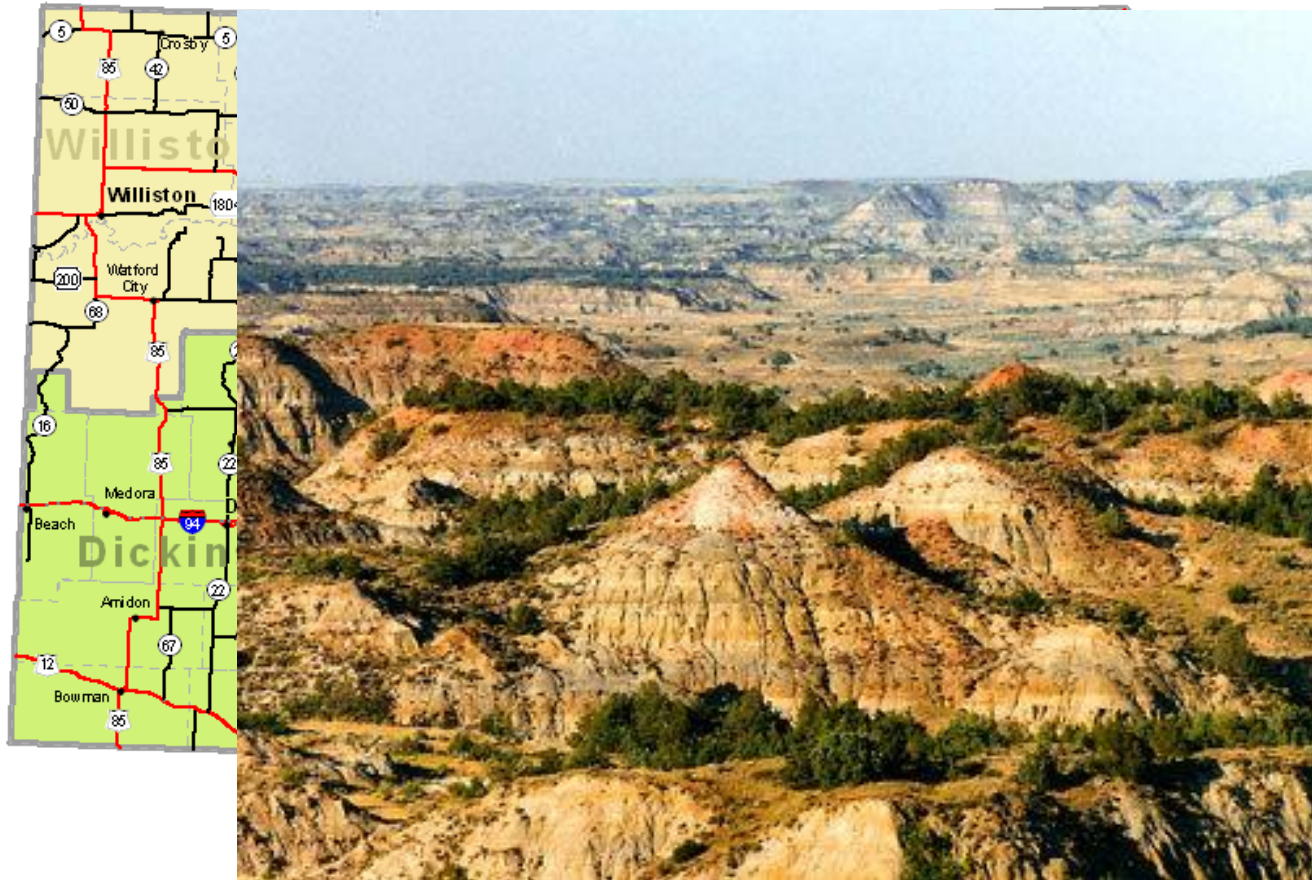
Central Plains

North Dakota Department of Transportation Districts



Badlands

North Dakota Department of Transportation Districts



Oil Country

North Dakota Department of Transportation Districts



- Diverse state – one size doesn't fit all

Maintenance Challenges

- Funding
 - summer \$ to pay for snow & ice
 - One time expenditures for expansion projects
- Facilities – expanding gov't
- Non-winter equipment - \$5M annually
- Retention/recruiting – salaries/retirements
- Environmental commitments – harder to do work

Innovations

- Conservative state: borrow most or all innovations from others (tried & successful!)
- \$5M Innovation program
- Internal web page for maint. innovation – no longer maintained

Innovations - Minimac



Rental Equipment



Training Academy

- 10 years
- 600 people



Pavement Preservation

- 12 miles
- 40 feet



Pavement Preservation



Questions?