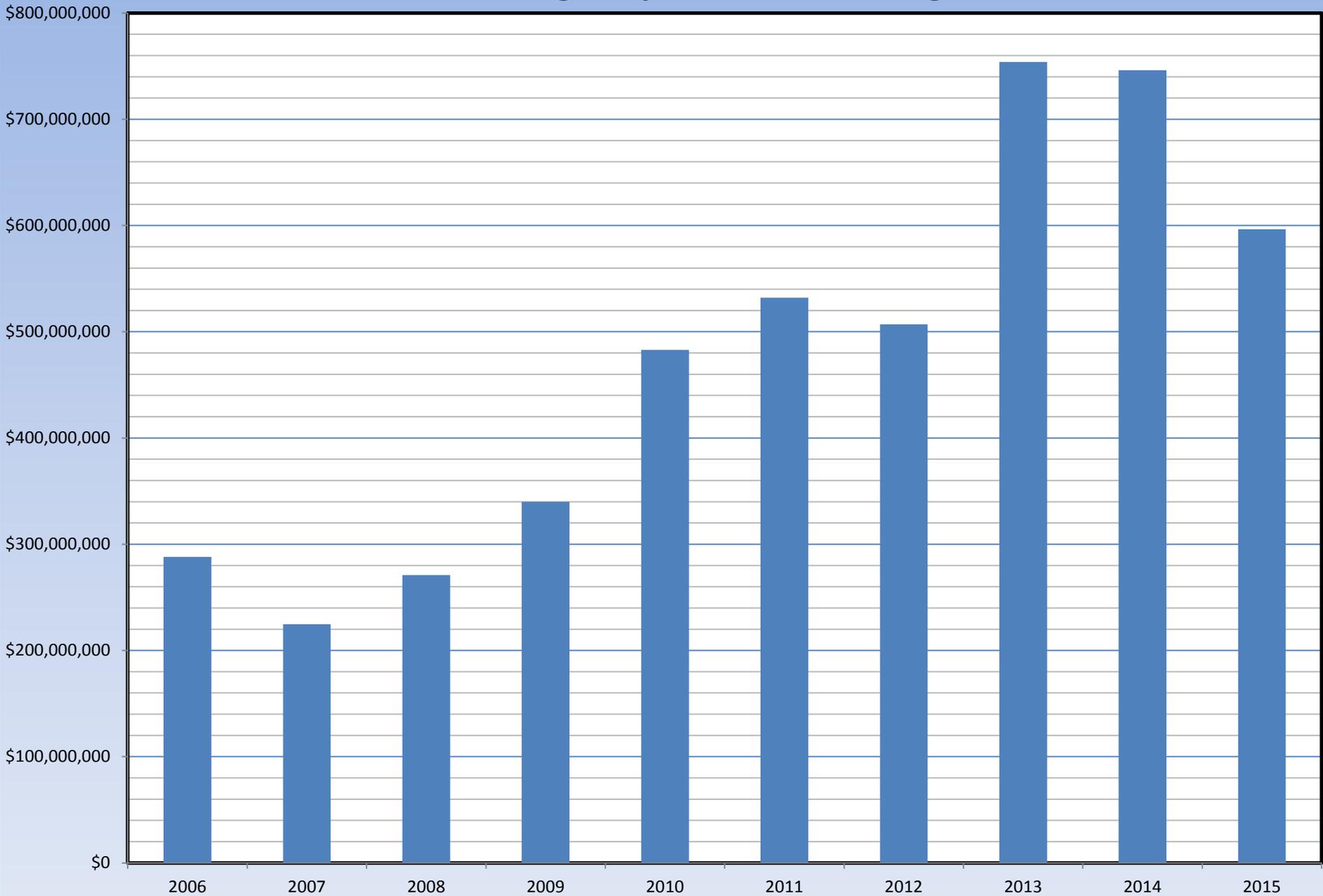


2016 Construction Conference

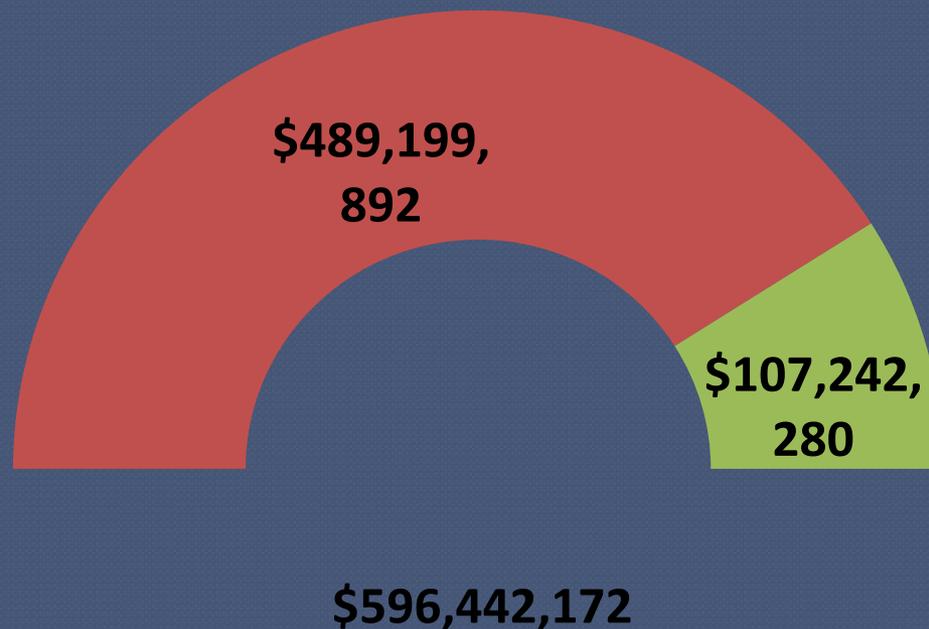
Cal J. Gendreau, P.E.
Construction Services Engineer

NDDOT Highway Construction Program

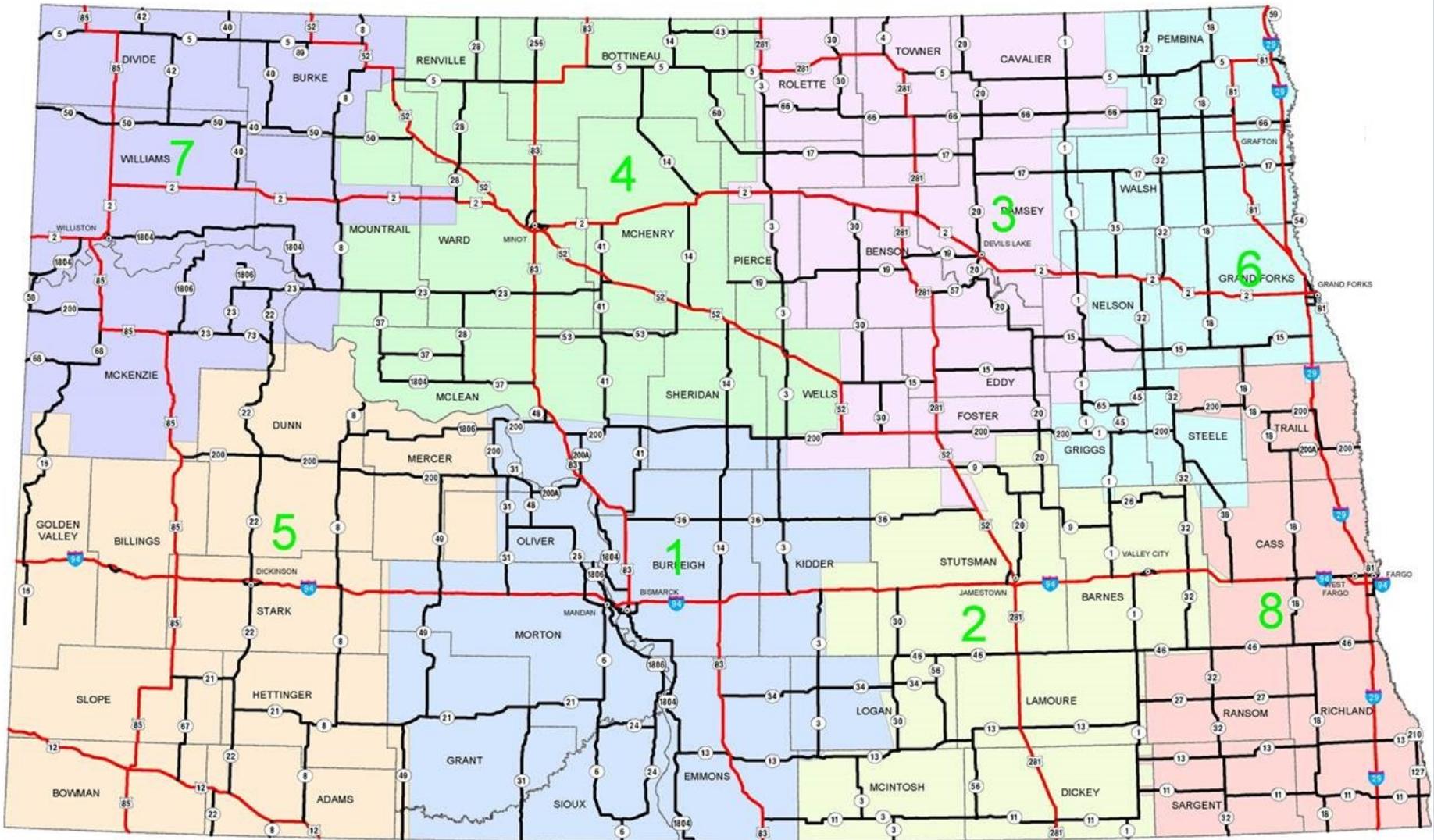


2015 Construction Status Report

	Current	One Year Ago	Two Years Ago
Report Date	12/15/2015	12/15/2014	12/15/2013
Number of Contracts	165	219	233
Total Construction Contract Amount	\$ 596,442,172	\$ 745,725,627	\$ 754,324,089
Contract Amount Complete	\$ 489,199,892	\$ 506,680,437	\$ 602,791,009
Contract Amount Remaining	\$ 107,242,280	\$ 239,045,190	\$ 151,533,080
% Complete	82%	68%	80%



District Map





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North Dakota
Department of Transportation



Welcome to
North Dakota
LEUCHT TART

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Department of Transportation



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Department of Transportation



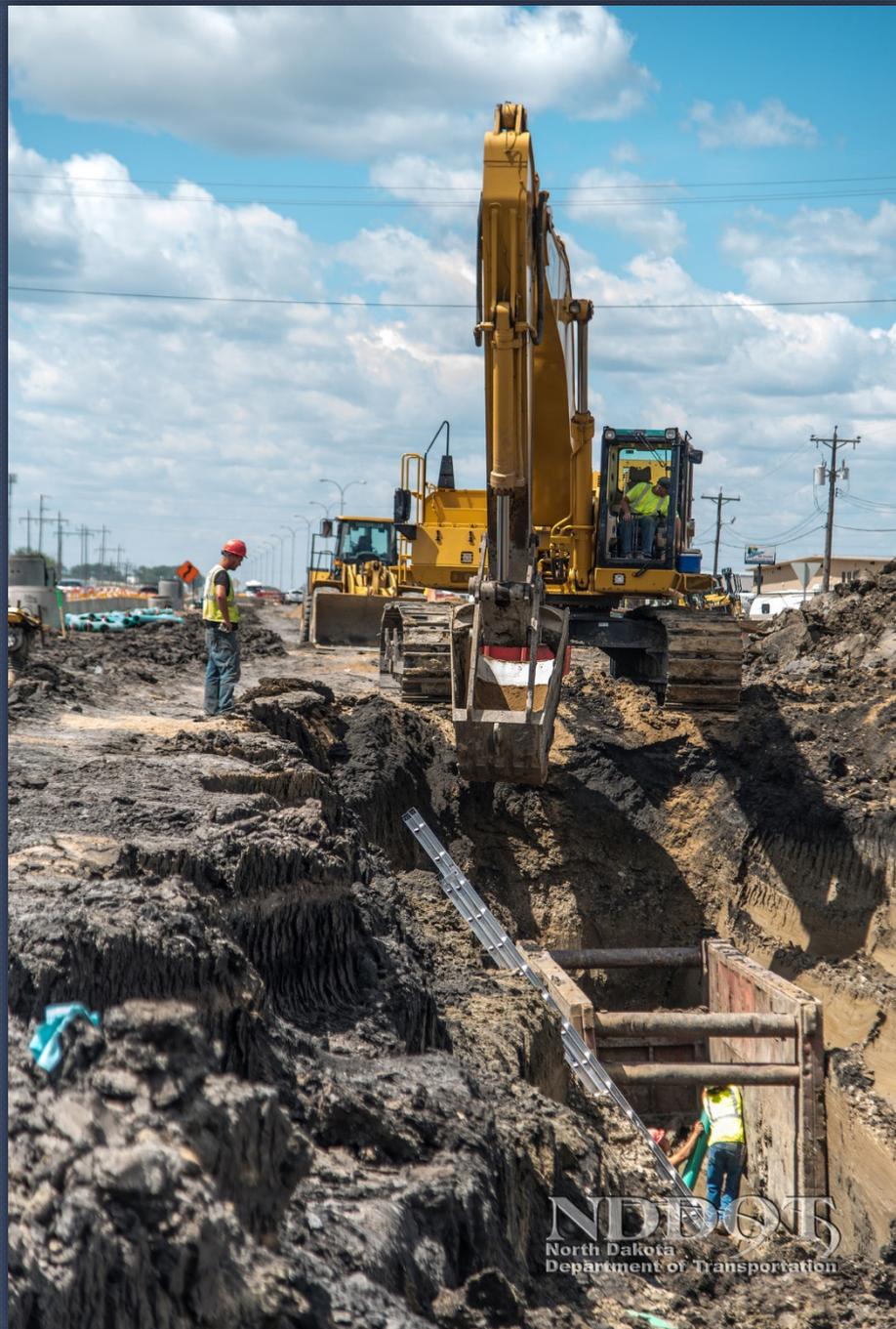
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Next Generation Grinding









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Station
Elite Energy Services
Cache Trucking
French Bakken Connection
Leasing Info
(773) 278-8448 X208

NORTH GRAND
- ROCKINGHAY
PT. 2
- BREED

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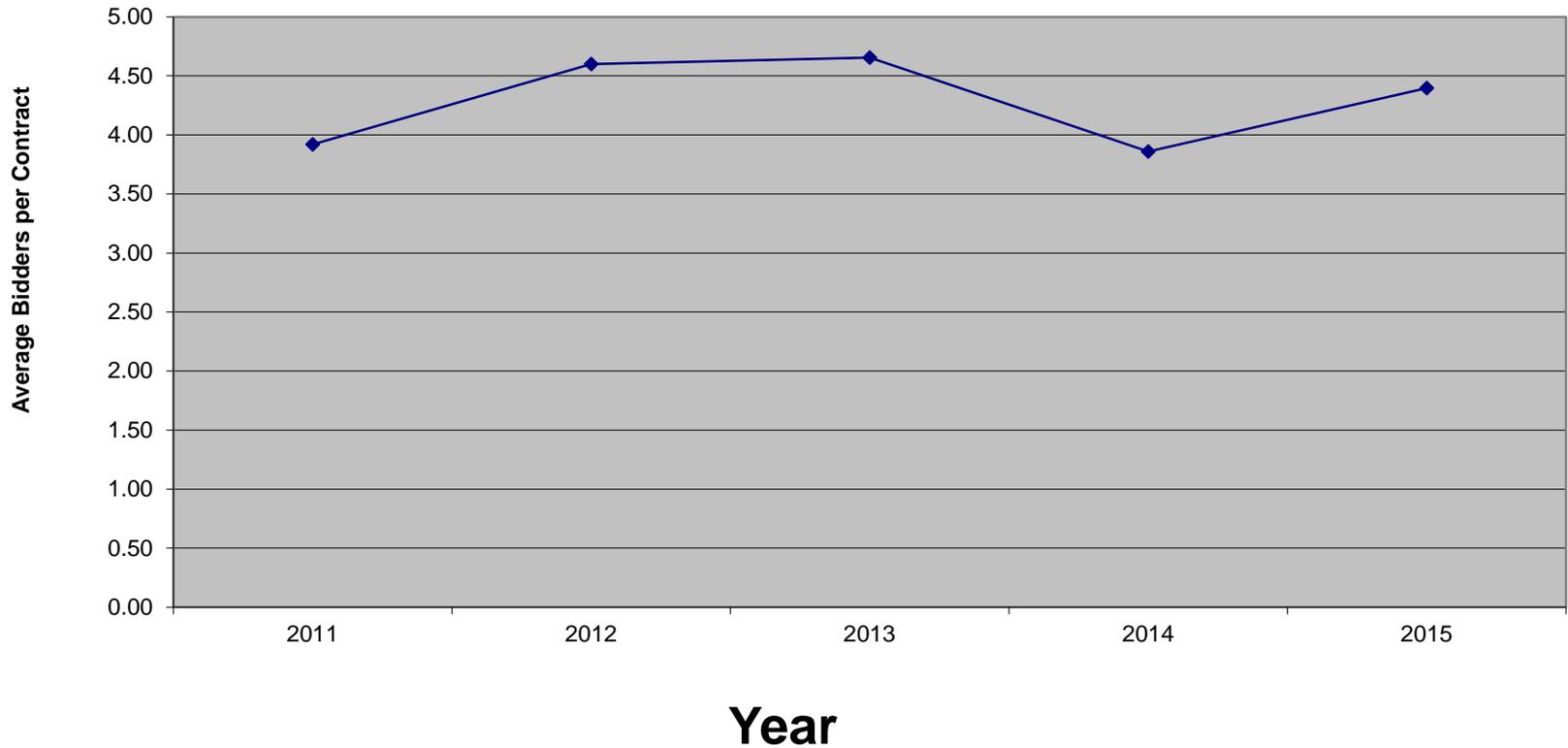
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Department of Transportation

2015

Averaged 4.4 Bidders/Project

NDDOT Contractor Competition

Competition



2015

290 Qualified Contractors

452 Registered Subcontractors

Notice of Intent to File a Claim

Dispute Status	2013	2014	2015
Resolved	39	32	7
Unresolved	10	26	34
Total	49	58	41

NOI/CLAIMS MODULE IN CARS

- 🚧 2015 CARS update
- 🚧 Track NOIs
- 🚧 Track Claims
- 🚧 Provide current status
- 🚧 Data provided at project level

Project: CONSTRUCTION CONFR 2015 [Search Documents](#) [Add Documents](#)

SubProject: 1 - TEST



Main Menu



Maintenance

Assign Project Engineer/Consultant
Progressive Estimate Approval
Select Previous Claim for Payment

Progressive Estimate Approval
Select Previous Claim for Payment

Progressive Estimate Approval
Select Previous Claim for Payment

Concrete Paving
Haul Sheets
Mix Bitumen
Pay Quantity
Piling / Test Piling
Project Diary
Inspection Diary
Stockpiles

Create Progressive Estimate
Weekly Progress Report

Change Order
Construction Status
Contract Adjustment
Force Accounts
Project Personnel
Project Permits
Contractor NOI/Claims
Vertical Clearances

Progressive Estimate Approval
Create Progressive Estimate

Financial Data Selection

Release Finance Transaction
<http://www.nd.gov/>ransaction

Report

Concrete Paving
Haul Sheet
Mix Bitumen
Piling Reports
Spread Sheet

Quantity Book
Approved Progressive Estimate
Financial Transactions
PeopleSoft Transactions Report
Weekly Progress Report Selection

Change Order
Force Account
Explanation of Change in Plan
Contract Time for Completion Selection
Project Status Selection
Status Of Finals
Final Projects Report
Total Amount Vs Change Orders
Completed on Time
Contract Adjustment
Progressive Estimate Days Expired
Vertical Clearances Report

Management Reports

Change Order Summary
Change Order Reason
Spending Analysis
Fuel Cost Adjustment
Inspection Diary
Liquidated Damages
Project Diary
Stimulus Projects
Open Permits

Letters

Final Acceptance Letter

Claim Filings <<

Prime Contractor: Info Tech Test Company

Contractor Filings		
Filing #: 1	Claimant: Info Tech Test Company	Filing Status: Active
Projects linked to this filing: 20704		
Stage: Verbal	Date Received: 02/01/2015	Status: Receipt (Closed)
Stage: Written	Date Received: 02/03/2015	Status: Contractor Decision (Open)
Stage: Claim	Date Received: 02/01/2015	Status: Contractor Decision (Open)
Filing #: 2	Claimant: Info Tech Test Company	Filing Status: Active
Projects linked to this filing: 20704		
Stage: Verbal	Date Received: 02/02/2015	Status: Receipt (Closed)
Stage: Written	Date Received: 02/01/2015	Status: Contractor Decision (Open)
Stage: Claim	Date Received: 02/16/2015	Status: Contractor Decision (Closed)
Filing #: 3	Claimant: Info Tech Test Company	Filing Status: Active
Projects linked to this filing: 20704		Add Filing
Stage: Verbal	Date Received: 02/02/2015	Status: Receipt (Closed)
Stage: Written	Date Received: 02/12/2015	Status: Pending Engineer Decision (Open)
Filing #: 4	Claimant: Info Tech Test Company	Filing Status: Not Active
Projects linked to this filing: 20704		Add Filing
Stage: Verbal	Date Received: 02/03/2015	Status: Receipt (Closed)
Stage: Written	Date Received: 02/06/2015	Status: Contractor Decision (Closed)
Filing #: 5	Claimant: Info Tech Test Company	Filing Status: Active

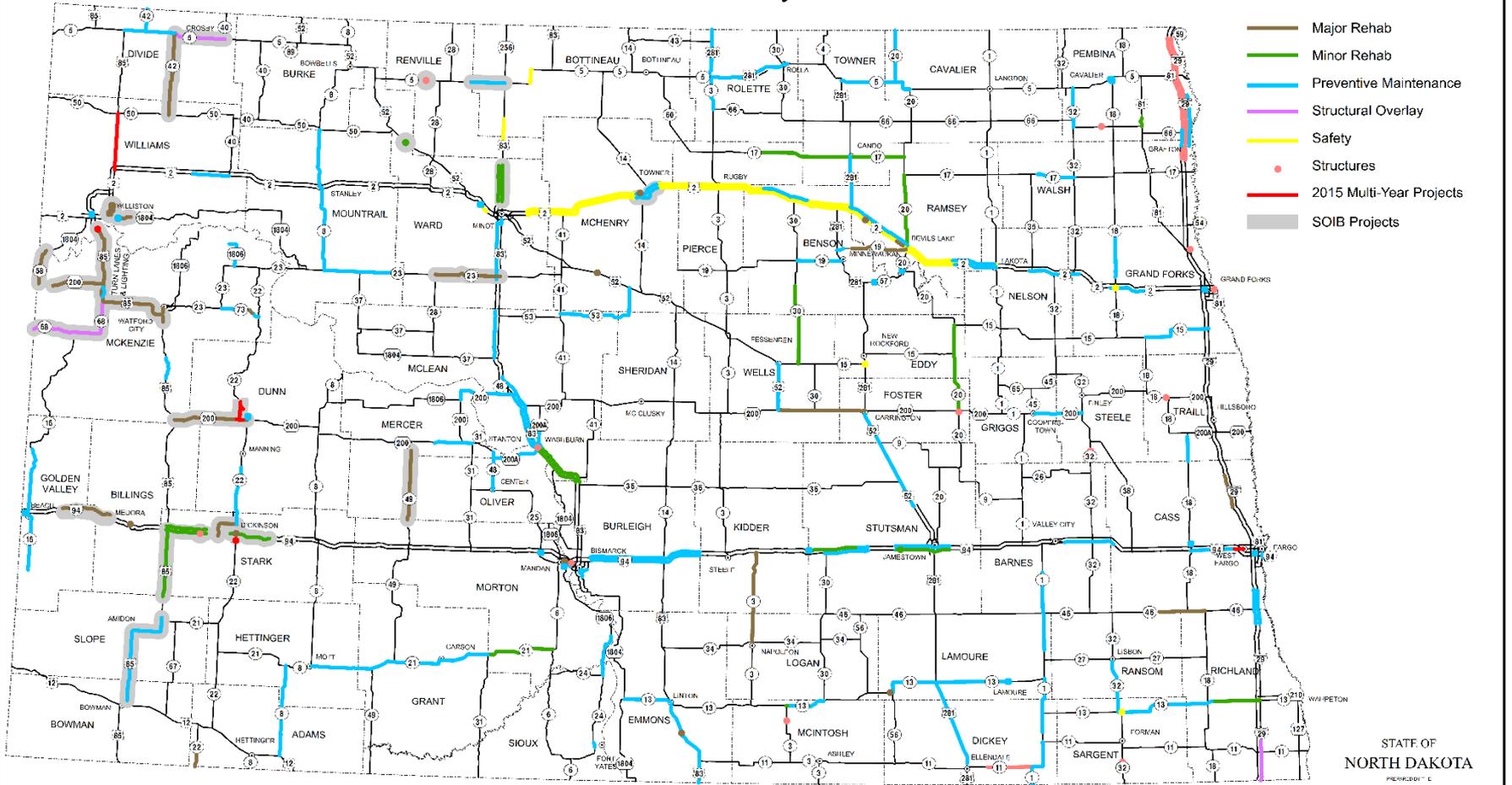
Create New Filing Group

Claimant Name:



**What's New
for 2016?**

2016 CONSTRUCTION PROJECTS with 2015 Multi-Year Projects



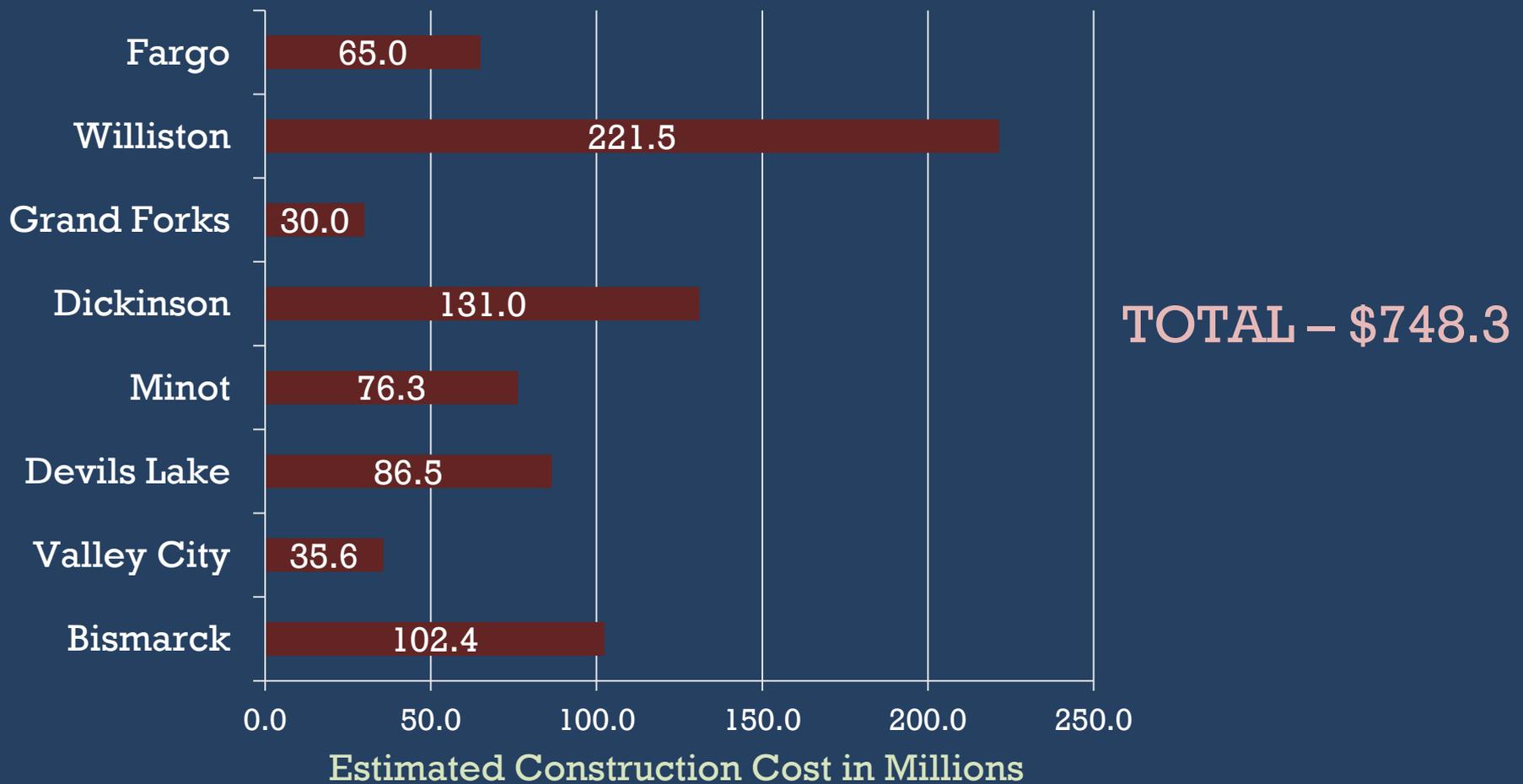
- Major Rehab
- Minor Rehab
- Preventive Maintenance
- Structural Overlay
- Safety
- Structures
- 2015 Multi-Year Projects
- SOIB Projects

Notice of Disclaimer
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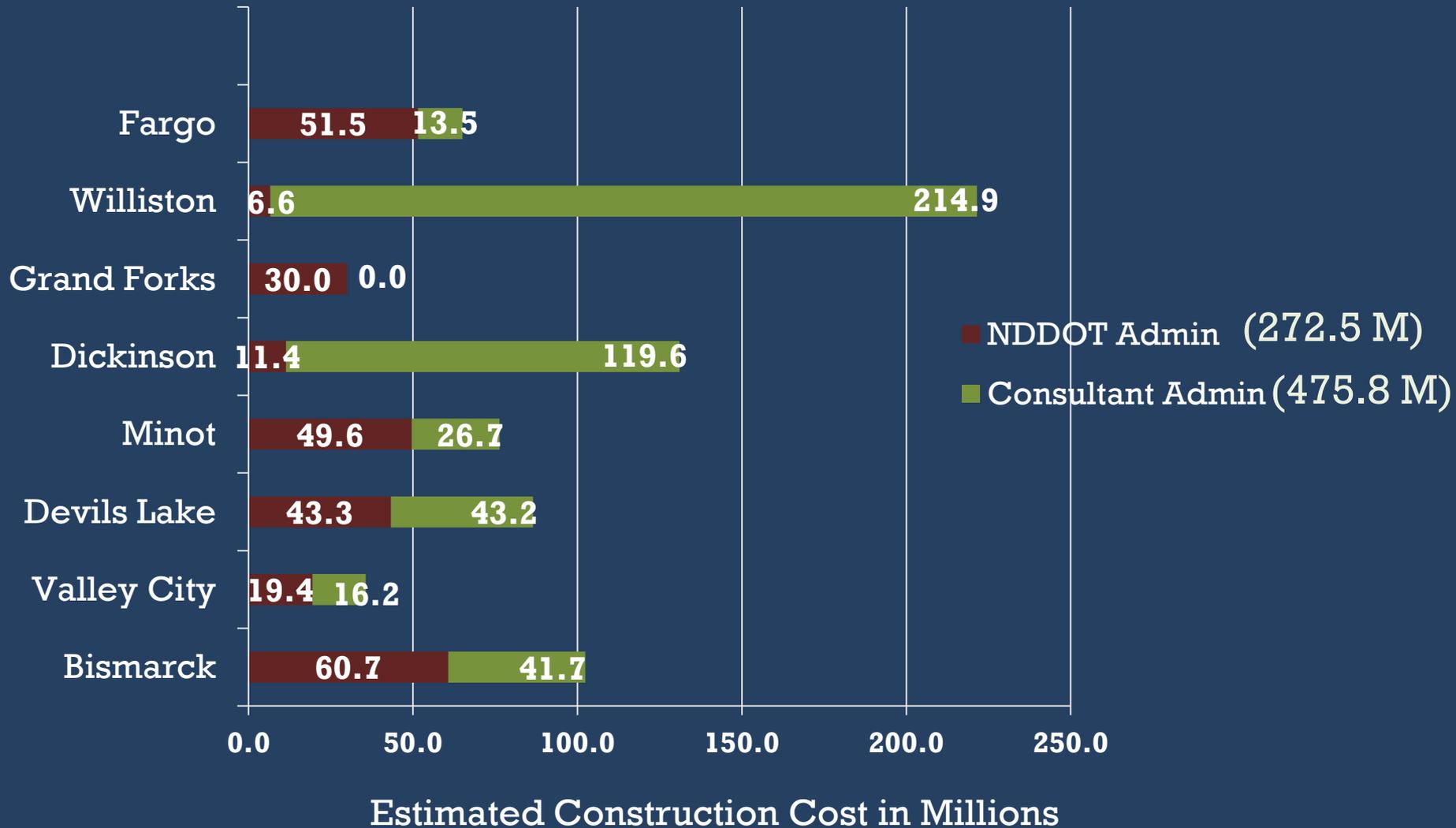
F:\PLANNING\Steve_Nelson\MXDS\2015\2016ConstructionYearByType2_8_2016.mxd

STATE OF
NORTH DAKOTA
PRESIDENT-E
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
PLANNING / ASSET MANAGEMENT DIVISION
PROJECT NUMBER: 11
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
February 8, 2016

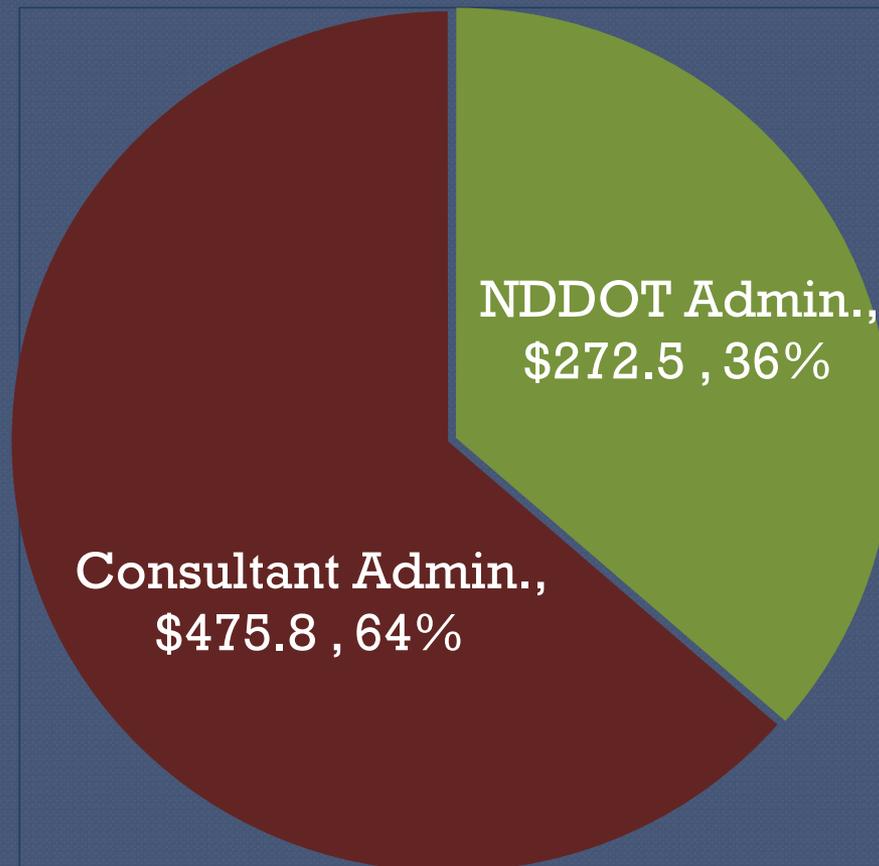
2016 Workload by Dollar Amount



2016 Workload NDDOT/Consultant



2016 NDDOT and Consultant Staffing/Construction Contract Amount



District & Consultant Staffing 2016

	District	Consultant	Total
Bismarck	\$60,738,000	\$41,698,000	\$102,436,000
Valley City	\$19,381,000	\$16,165,000	\$35,546,000
Devils Lake	\$43,291,000	\$43,206,000	\$86,497,000
Minot	\$49,624,000	\$26,680,000	\$76,304,000
Dickinson	\$11,375,000	\$119,611,000	\$130,986,000
Grand Forks	\$30,093,000	\$0	\$30,093,000
Williston	\$6,600,000	\$214,896,000	\$221,496,000
Fargo	\$51,501,000	\$13,538,000	\$65,039,000
	\$272,603,000	\$475,794,000	\$748,397,000

Buy America



- **23 USC 313**
- **23 CFR 635.410**
- **All Federal-aid projects**

➤ **IRON & STEEL only**

- All manufacturing processes must take place domestically
 - Includes coatings on these materials
- **Minimal use = 0.1% (contract value) or \$2500**

Buy America

- New SP Changing Section 106.08
- Federal Aid Projects Only
- Starts February 5, 2016 Bid Opening

Buy America

- December 2015 US District Court Decision
- FHWA guidance memo of December 21, 2012 withdrawn
- All steel & iron materials need to be from domestic sources
- Applies to materials permanently incorporated into the work

Example Products Subject to Buy America

- Fabricated Structural Steel
- Reinforcing steel
- Piling
- High strength bolts
- Dowel bars
- Bridge bearings
- Pre-stressing/Post-tensioning wire
- Guardrail

Example Products Subject to Buy America (cont'd)

- Guardrail posts
- Cable guardrail
- Steel fencing material
- Steel or iron pipe
- Grates
- Manhole covers
- Mast Arms
- Poles

Subletting of Contract

- 108.01 Standard Specs
- Subcontractors must be registered
- Subcontractor Registration Form
(SFN 52243)
- Online registration coming (2016)

Material Certification

- Section 106.01 Standard Specs
- Materials Certification required for payment
- New SP (Coming 2016)
- Manufacturer Certification
- Contractor Certification

Material Certification

- Submitted on State Form
- Certification Submitted Electronically
- Both Signed by Prime Contractor

New 2016

- All 8 Districts have iPads
- Access CARS in the field
- CARS updates
- More electronic records
- e-Construction guidelines on NDDOT website
- Electronic Construction Documentation Guide

New 2016

- **Contract Time for Completion Summary**
- **Completion date contracts**
- **Working day contracts**
- **Calendar day contract**
- **Can maintain during project**

Contract Time for Completion Summary for Completion Date Contracts

North Dakota Department of Transportation, Construction Services
SFN 5660 (Rev. 2-2016)

PCN:	
Project:	
Bid Opening Date:	Friday, May 04, 2012
Prime Contractor:	ABC Construction
Original Contract Amount:	\$31,121,958.03
Final Contract Amount:	\$31,320,049.66
Increase in Contract Amount:	0.6%

Notice to Proceed:	Monday, May 21, 2012
Date Work Started:	Tuesday, June 05, 2012
Original Completion Date:	Saturday, November 03, 2012
Calendar Days Available:	152

A) Change in Time resulting from Change Orders = 15 Calendar Days Added

Change Order	Work Performed By	Calendar Days Added or Subtracted	Revised Completion Date	Reason for Change Order
3	ABC Construction	2	Monday, November 05, 2012	A pipe was added to divert an underground spring approved on 5/8/13.
5	ABC Construction	1	Tuesday, November 06, 2012	Additional work to fix a slide area on ND 73 signed on 2/24/14.
Request for Time Extension	ABC Construction	1	Wednesday, November 07, 2012	Submitted on 5/16/13, Granted on 11/19/13
Request for Time Extension	ABC Construction	1	Thursday, November 08, 2012	Submitted on 5/16/13, Granted on 11/19/13
Request for Time Extension	ABC Construction	10	Sunday, November 18, 2012	Submitted on 12/9/13, Granted on 7/22/14

B) Change in Time due to Periods of Authorized Suspension = 158 Calendar Days Added

Date Work Suspended	Date Work Resumed	Calendar Days Added or Subtracted	Revised Completion Date	Reason for Suspension
Tuesday, November 06, 2012	Saturday, April 20, 2013	165	Thursday, May 02, 2013	April 9, 2013 letter from Joe Dirt states that LD's will be waived from Nov 5, 2012 through April 15, 2013.
Friday, November 15, 2013	Friday, November 08, 2013	-7	Thursday, April 25, 2013	Time Charges began again after substantial completion date due to ABC's failure to address asphalt repair locations in a timely manner. See email from Joel on Nov 7, 2013
		0		
		0		
		0		
		0		
		0		
		0		

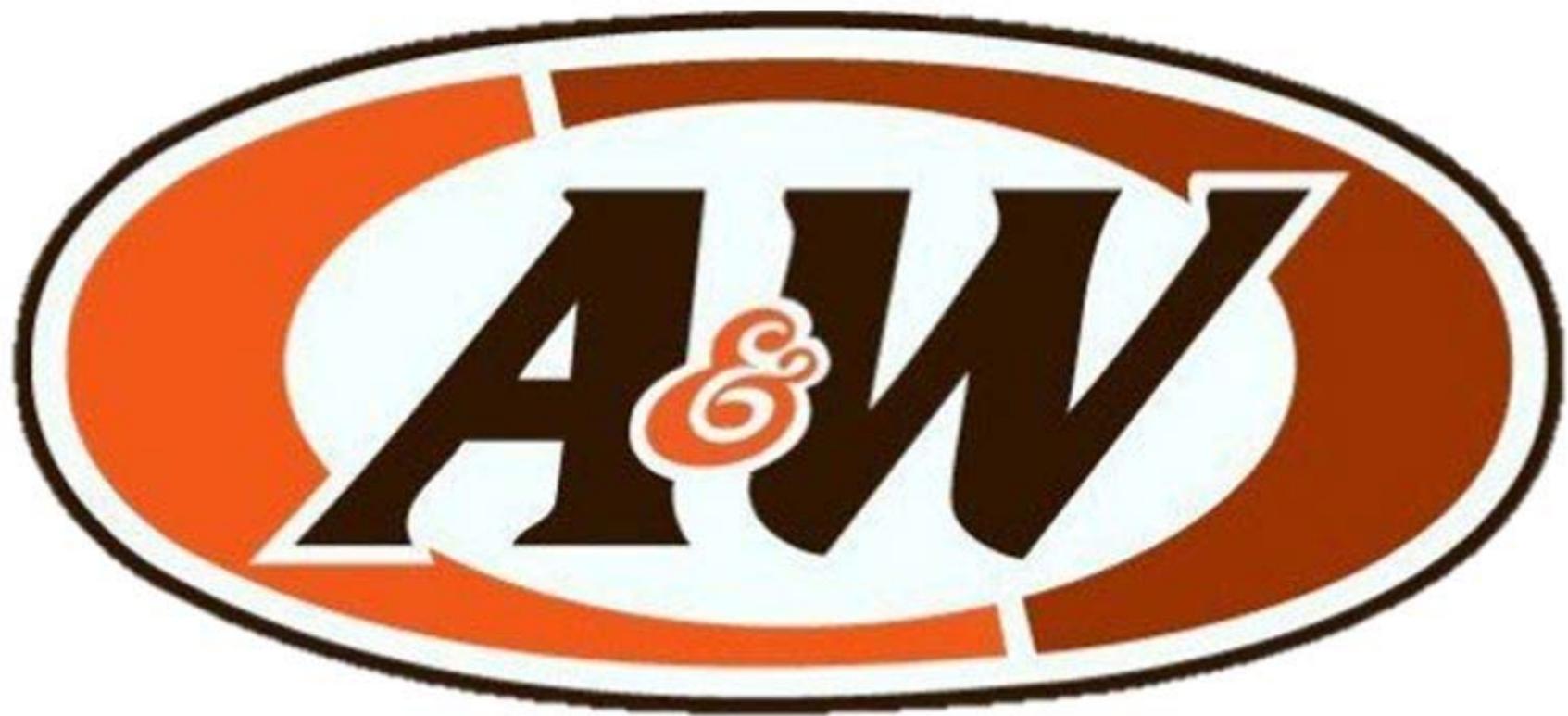
C) Total Change in Time

Total Change in Time (A + B):	173 Calendar Days Added
% Time Added:	113.82%
Revised Completion Date:	Thursday, April 25, 2013
Date of Substantial Completion:	Wednesday, July 31, 2013
Calendar Days Beyond Completion Date:	97
Liquidated Damage Rate:	\$6,000
Total Liquidated Damages:	\$582,000.00
Date of Final Acceptance:	Tuesday, July 08, 2014

Work Remaining at Time of Substantial Completion

Asphalt repair areas, permanent erosion control items.

Contract
Time for
Completion
Summary for
Completion
Date
Contracts
SFN 5660





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THE END