

# **2013 Construction Conference**

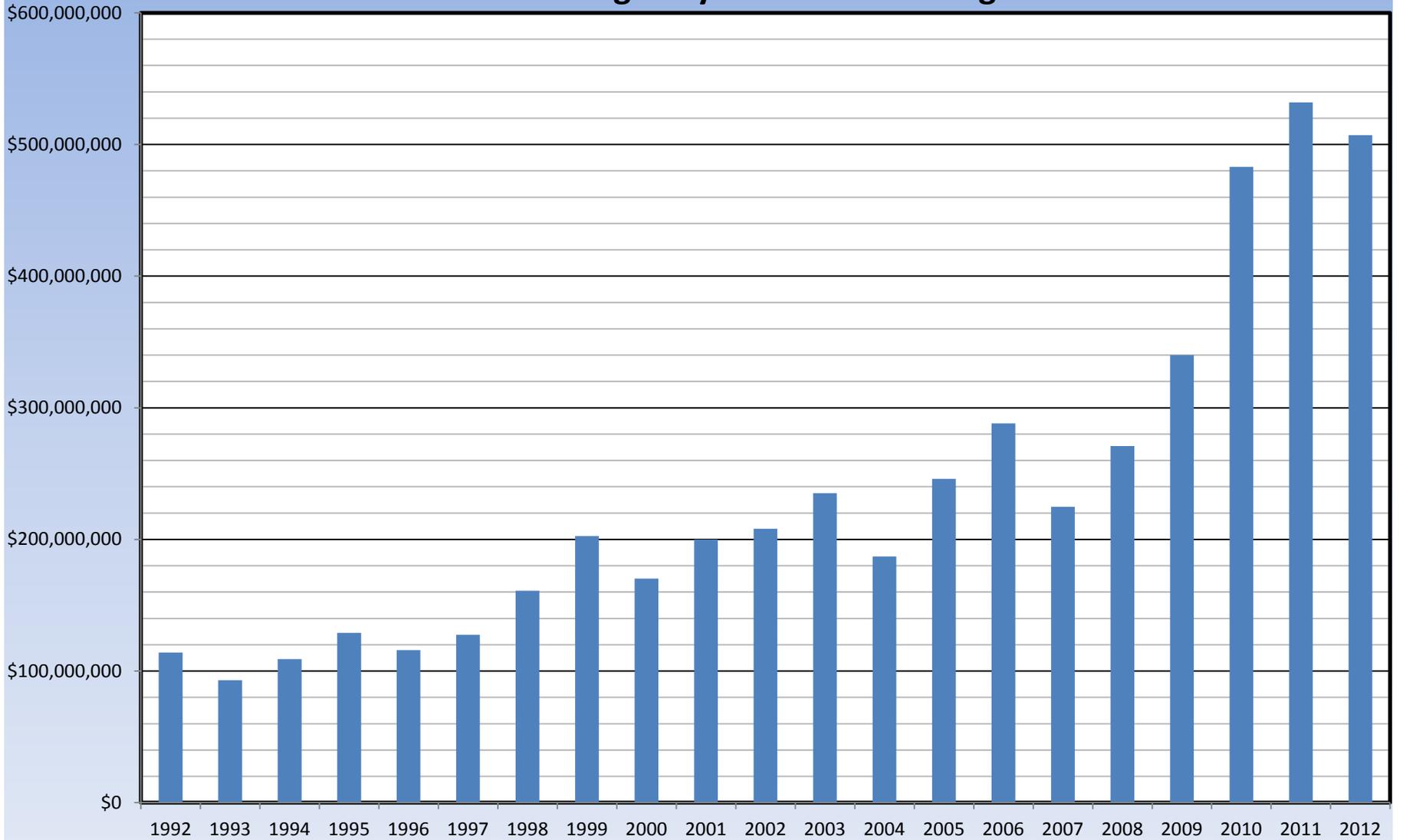


**CAL J. GENDREAU**  
**CONSTRUCTION**  
**SERVICES ENGINEER**

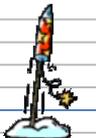
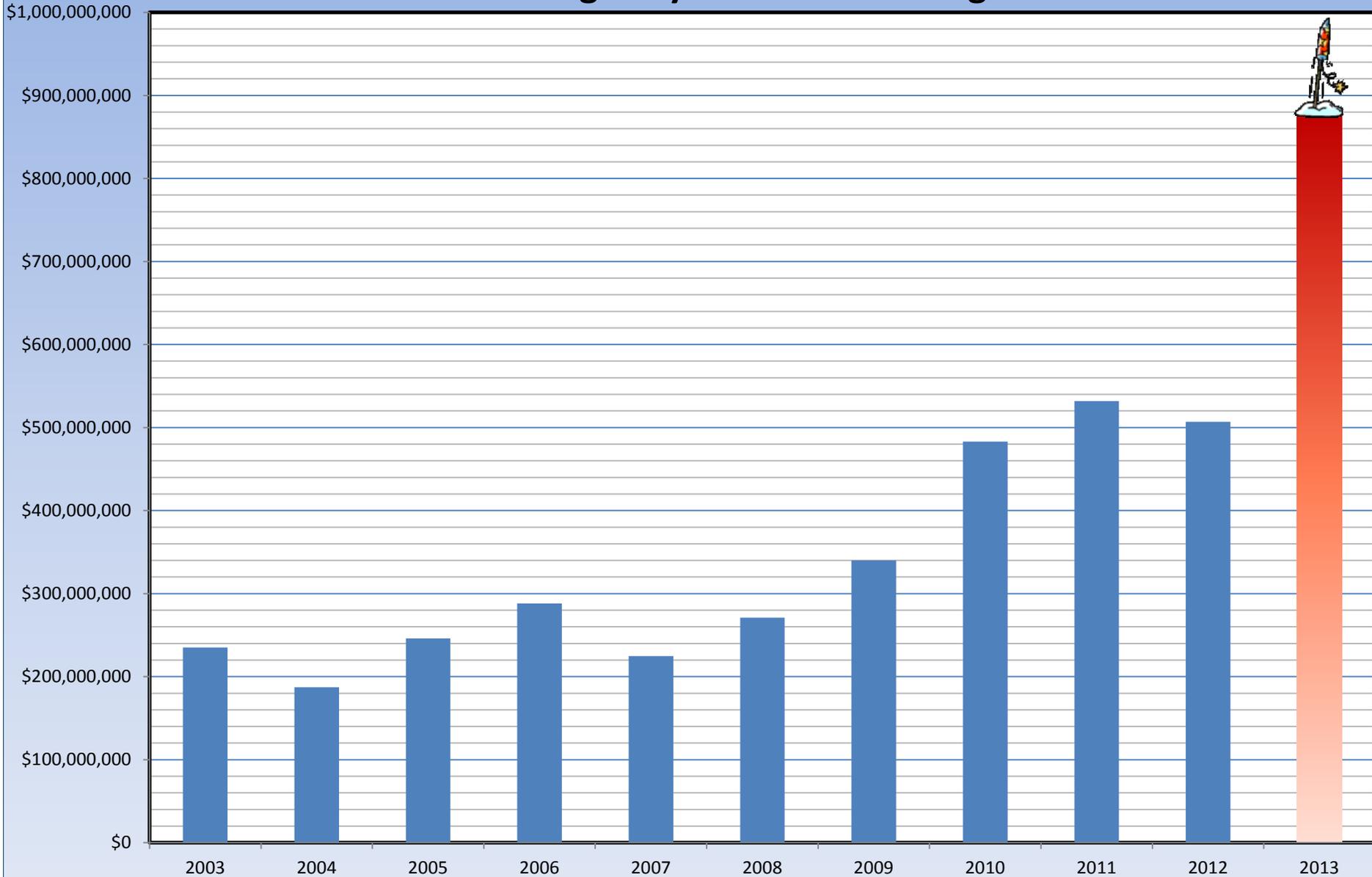


# What's New for 2013?

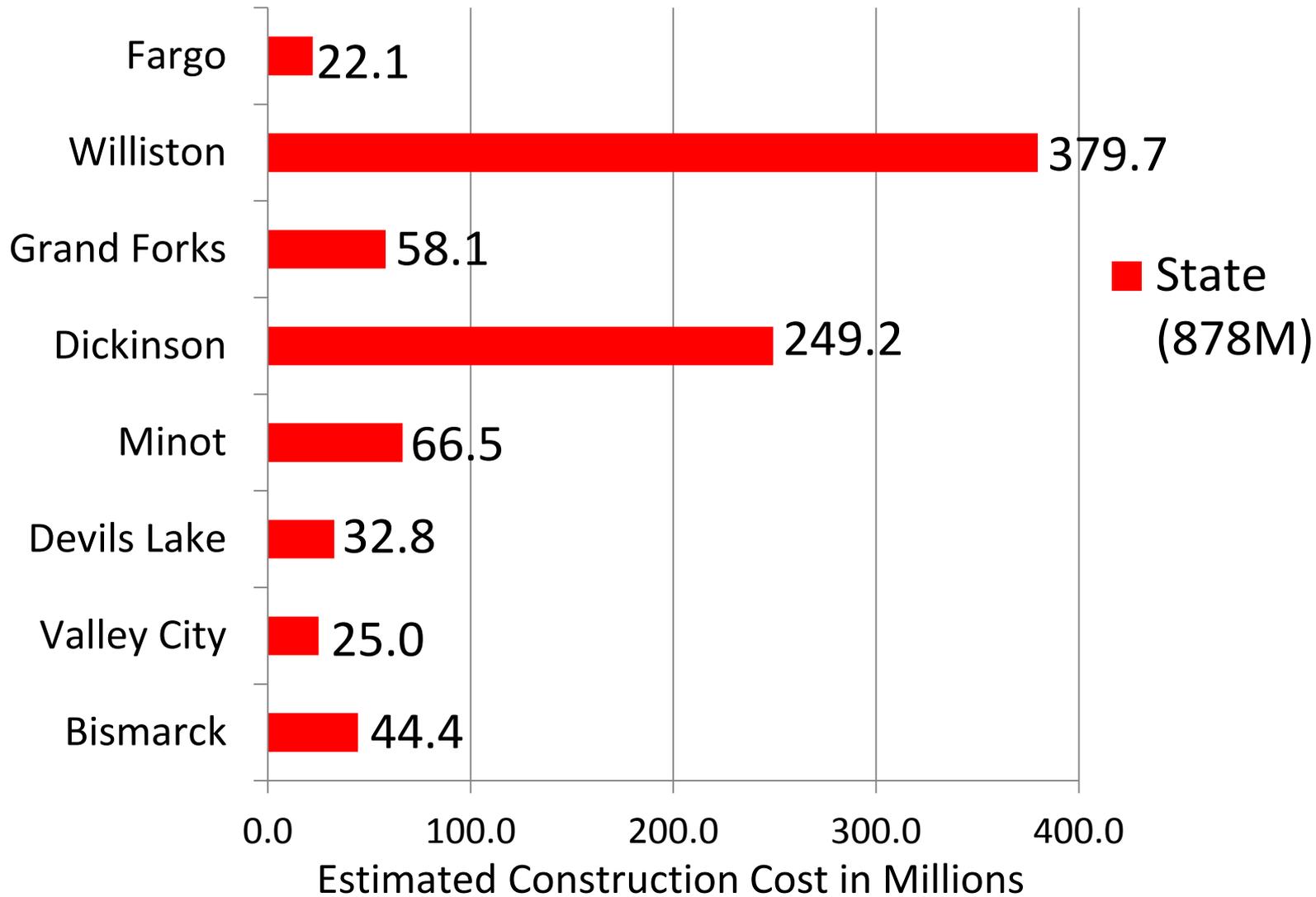
# NDDOT Highway Construction Program



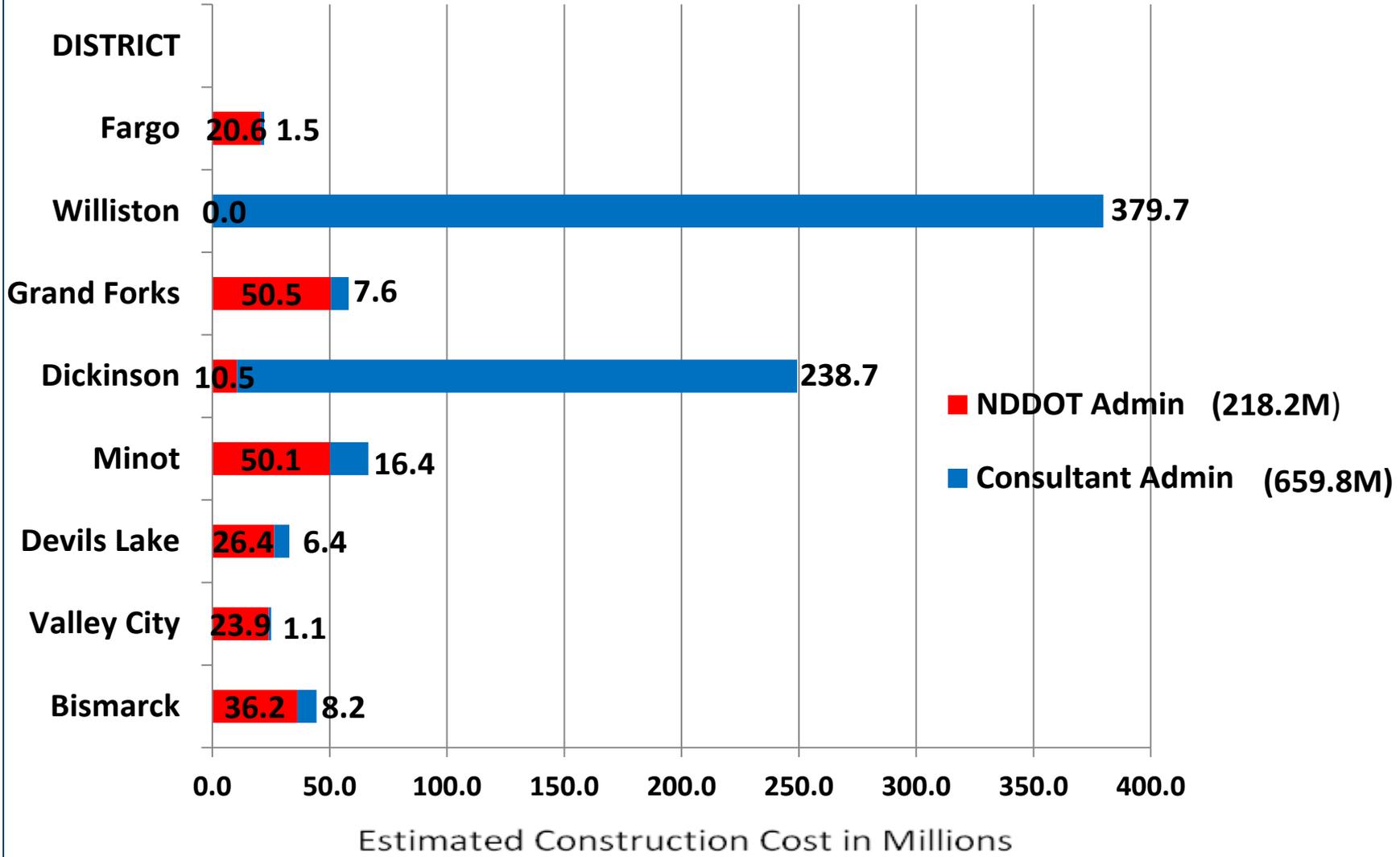
# NDDOT Highway Construction Program



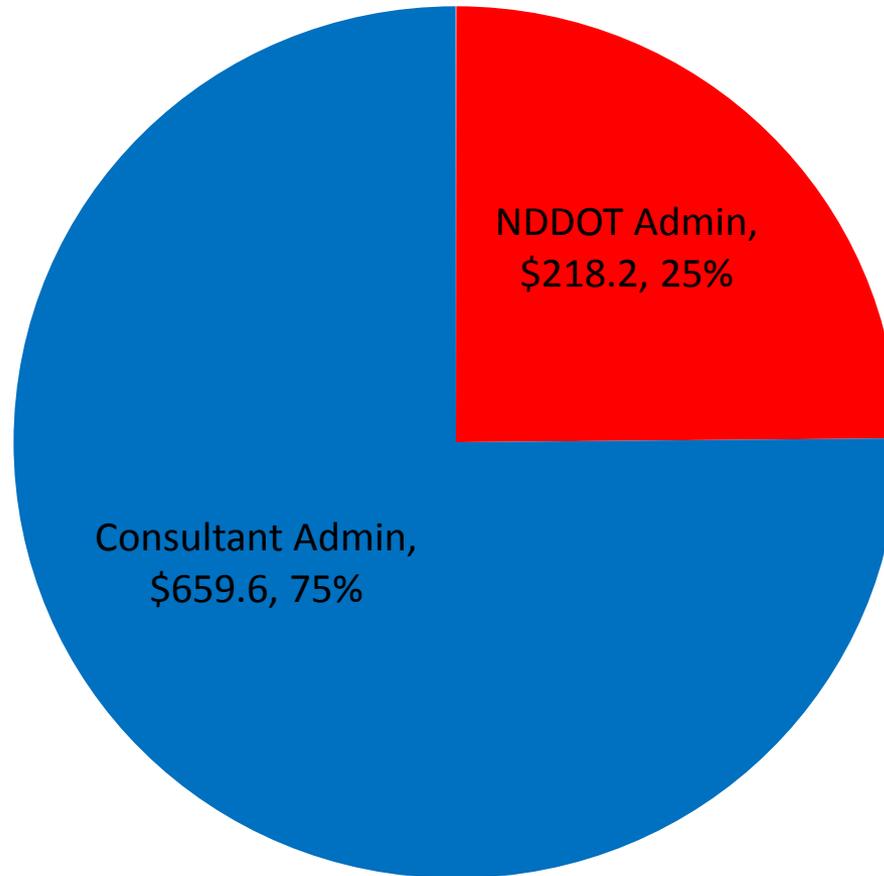
# 2013 Workload by Dollar Amount



# 2013 Workload NDDOT/Consultant



# 2013 NDDOT and Consultant Staffing/Construction Contract Amount



# District & Consultant Staffing 2013



	District	Consultant	Total
Bismarck	\$ 36,200,000	\$ 8,200,000	\$ 44,400,000
Valley City	\$ 23,900,000	\$ 1,100,000	\$ 25,000,000
Devils Lake	\$ 26,400,000	\$ 6,400,000	\$ 32,800,000
Minot	\$ 50,100,000	\$ 16,400,000	\$ 66,500,000
Dickinson	\$ 10,500,000	\$ 238,700,000	\$ 249,200,000
Grand Forks	\$ 50,500,000	\$ 7,600,000	\$ 58,100,000
Williston	\$ -	\$ 379,700,000	\$ 379,700,000
Fargo	\$ 20,600,000	\$ 1,500,000	\$ 22,100,000
	\$ 218,200,000	\$ 659,600,000	\$ 877,800,000

❖ Does not include carry over work

# 2013 Construction Projects

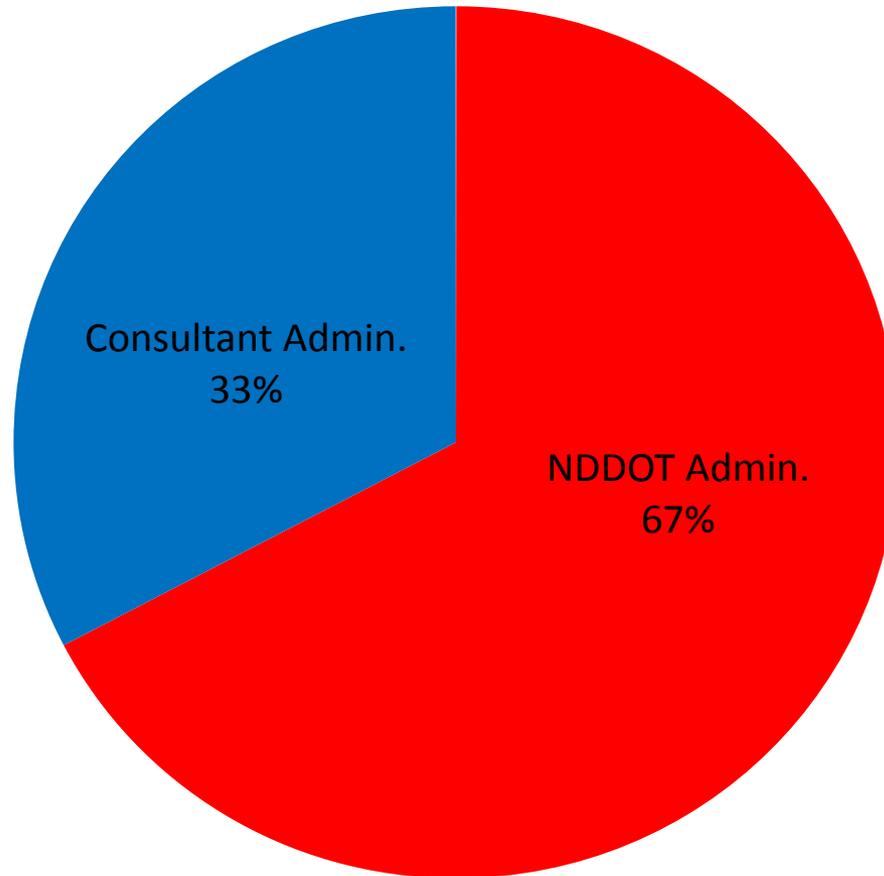


138 NDDOT Construction Engineering & Inspection

67 Consultant Construction Engineering & Inspection

205 Total

# 2013 Construction E & I/Number of Projects







# Bidding Requirements



**Beginning July 1, 2012**

- **All bids must be submitted electronically**
- **No paper bids allowed**
- **Submit bids through BidX**
- **Use Expedite Software (free)**
- **Bids downloaded over internet**

# 2012

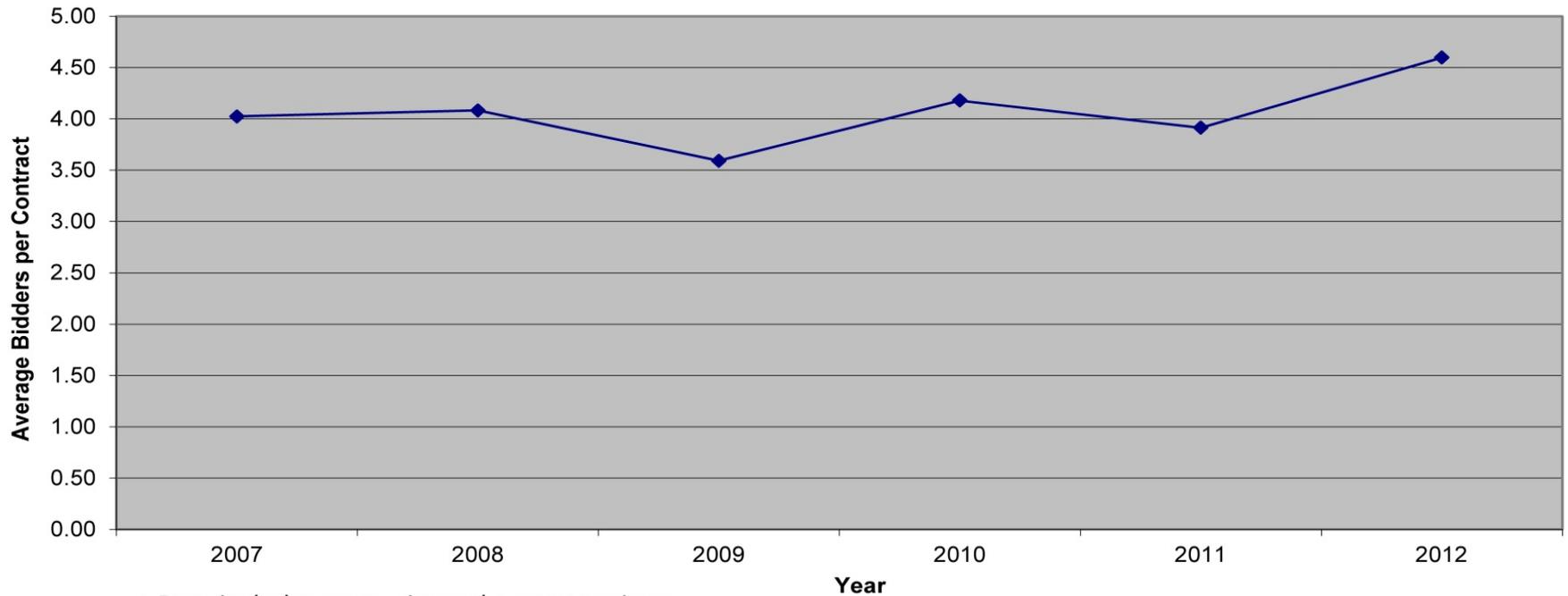


**Averaged 4.6 Bidders/Project**

# NDDOT Contractor Competition



Competition



• Data includes state, city and county projects

Jobs	161	154	253	244	222	222
Year	2007	2008	2009	2010	2011	2012

**2012**



**288 Qualified Contractors**

**422 Registered Subcontractors**



# CARS/FileNet



- Official document management system for NDDOT
- Use NDDOT projects when Director signs contract
- Consultants required to use for NDDOT projects

# CARS/FileNet (continued)



- See Section 2 Construction Records Manual
- Add documents
- View documents
- Pre job conference minutes
- Other correspondence
- Search feature has been added (2012)

# CARS



CARS Related Documents - Windows Internet Explorer

http://auth.apps.state.nd.us/dot/cnst/cars/CAR5MainSubmit.do

File Edit View Favorites Tools Help

North Dakota [nd.gov](http://nd.gov) Official Portal for North Dakota State Government

## Construction Automated Records System

Project: IM-8-029(089)069 [Main Menu](#)

SubProject: 1 - PCC RECONSTRUCTION, RAMP OVERLAY & RECONSTRUCTION

Subject/Title:

Division No:

Beginning Date:  (mm/dd/yyyy)

Ending Date:  (mm/dd/yyyy)

Document Type:

PCN:  Equals 16361

380 records found, displaying all records.

Document Title	Project No.	Subject/Title	Division No.	Date	Document Type
<input type="checkbox"/> Pipe concern rust - Erika reply to Kevin	IM-8-029(089) 069	Pipe concern rust - Erika reply to Kevin	681 FARGO - CONSTRUCTION	01/31/2012	EMAIL
<input type="checkbox"/> Concerns over metal pipe - Kevin G	IM-8-029(089) 069	Concerns over metal pipe - Kevin G	681 FARGO - CONSTRUCTION	01/30/2012	EMAIL

# New Scale Specification 2012/2013



- **Computerized scales**
- **Pay items more than 2000 tons**
- **Contractor produced weigh tickets**
- **Contractor produced daily haul summary**
- **Engineer review and approve haul summary**
- **Special Provision in 2012**
- **Applies to all Projects 2013**

# New Scale Specification 2012/2013



- Platform scales
- Hopper or batch scales
- Loader bucket scales less than 10,000 tons
- Can exceed 10,000 tons for Sections 420, 421, 422
- Accurate within 1% of true weight

# Contractor Superintendent



## **Section 105 Control of Work**

The contractor shall designate in writing before starting work, a competent Superintendent who shall have the authority to represent and act for the Contractor. The Superintendent shall be a responsible employee of the Prime Contractor. When work is underway, including work by a Subcontractor, the Contractor shall ensure the Superintendent is present at the worksite unless otherwise agreed to by the Engineer.

# Contractor Superintendent



The Superintendent shall be capable of reading and understanding the Contract Documents and fully authorize to:

- A. Conduct all business with the Subcontractors
- B. Execute the orders and directions of the Engineer without delay
- C. Promptly supply the materials, equipment, tools, labor, and incidentals necessary for prosecution
- D. Represent the Contractor at weekly meetings when required in the Contract Documents.

The Contractor shall notify the Engineer promptly in writing when replacing the Superintendent.

# Superintendent Specifications



- **Designate Superintendent in Writing**
- **Employee of Prime Contractor**
- **Present at worksite**

# Progress Schedule Requirement



- **Section 108**
- **Due 10 days before pre-job conference**
- **Time scaled bar chart & narrative**
- **Major activities/production rates**
- **Engineer accepts/rejects**
- **Update schedule once a month**



# Questions?



***Any Questions?***



49

# Questions?

# Quiz



- True or False?

All Contractor's Requests to Sublet forms shall be submitted with a Subcontractor Registration form?

**False.**

**If a subcontractor is currently on the Qualified Contractor's list, the Registered Subcontractor's list or the Certified DBE list, a registration form is not required.**

# Quiz



## **Prompt Payments Requirements**

- How often must the Engineer make partial payments based on the value of the work performed and materials delivered by the Contractor?

**Answer: At least once every 30 days (109.05 A)**

## **Prompt Payment Requirements**

- How often must the Contractor make partial payments based on the value of the work performed and materials delivered by a subcontractor?

**Answer: The Contractor must pay the subcontractor for work done or services rendered within 20 calendar days of receipt of payment from the Agency (109.05 B)**

# Quiz



True or False?

- If the Contractor withholds payments from a subcontractor, the Contractor must immediately notify the subcontractor and the Engineer in writing the reasons for withholding the payment.

**True. (109.05 B)**

# Quiz



## Extra Work

- What are the specified methods for payment of extra work in order of preference?

**Answer: (104.03)**

- 1. Unit Bid Prices**
- 2. PS-1 Price Schedule for Miscellaneous Items**
- 3. Force Account or Negotiated Unit Price**

## Extra Work

- Is extra work completed by a subcontractor at unit bid prices eligible for additional Contractor reimbursement for profit and overhead?

**Answer: No (104.03)**

# Quiz



## Significant Change – Quantity Under run

- Can the Contractor payment for a major item, that underruns the plan quantity by 25% or more, exceed 75% of the original contract amount?

**Answer: No (104.03 B. 2. Revised 2008)**



# Quiz



## Partial Payment – Payment for Materials on Hand

- In order to pay a Contractor for stockpiled materials, is the Contractor required to furnish a paid invoice for the material?

**Answer: No. Contractor has 35 days from the stockpile payment date to submit an invoice for stockpiled materials that have not been incorporated into the work (109.06)**

## Fuel Adjustment Clause – Payment for Materials on Hand

- Are stockpiled material payments included in the monthly total of work done to date for the purposes of calculating the fuel adjustment clause?

**Answer: No (SP – Fuel Cost Adjustment Clause)**