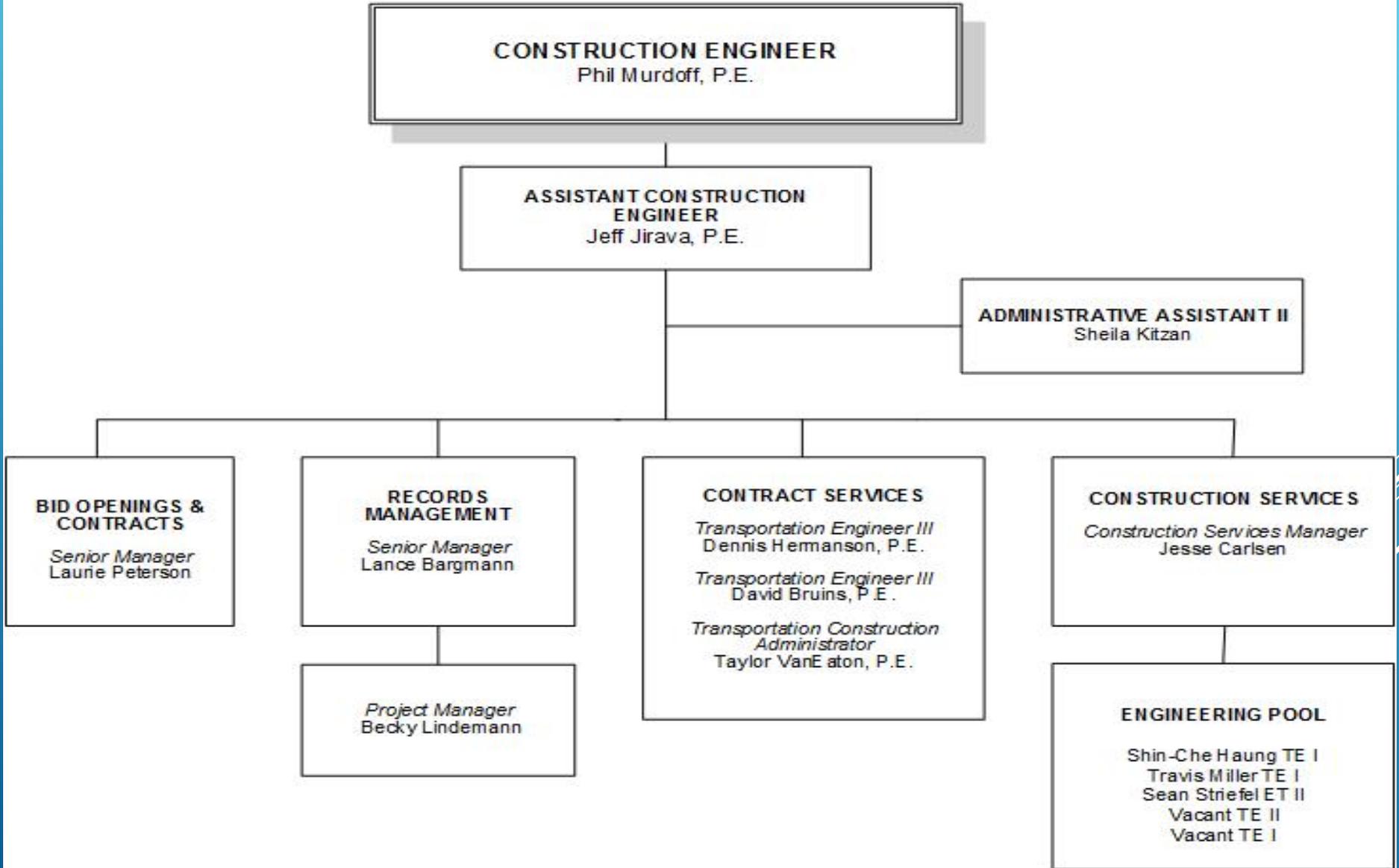


2018 CONSTRUCTION CONFERENCE

Phil Murdoff, P.E.

Construction Services
Engineer

CONSTRUCTION SERVICES DIVISION
Organizational Chart
November 2017



CONSTRUCTION ENGINEER
Phil Murdoff, P.E.

ASSISTANT CONSTRUCTION ENGINEER
Jeff Jirava, P.E.

ADMINISTRATIVE ASSISTANT II
Sheila Kitzan

BID OPENINGS & CONTRACTS
Senior Manager
Laurie Peterson

RECORDS MANAGEMENT
Senior Manager
Lance Bargmann

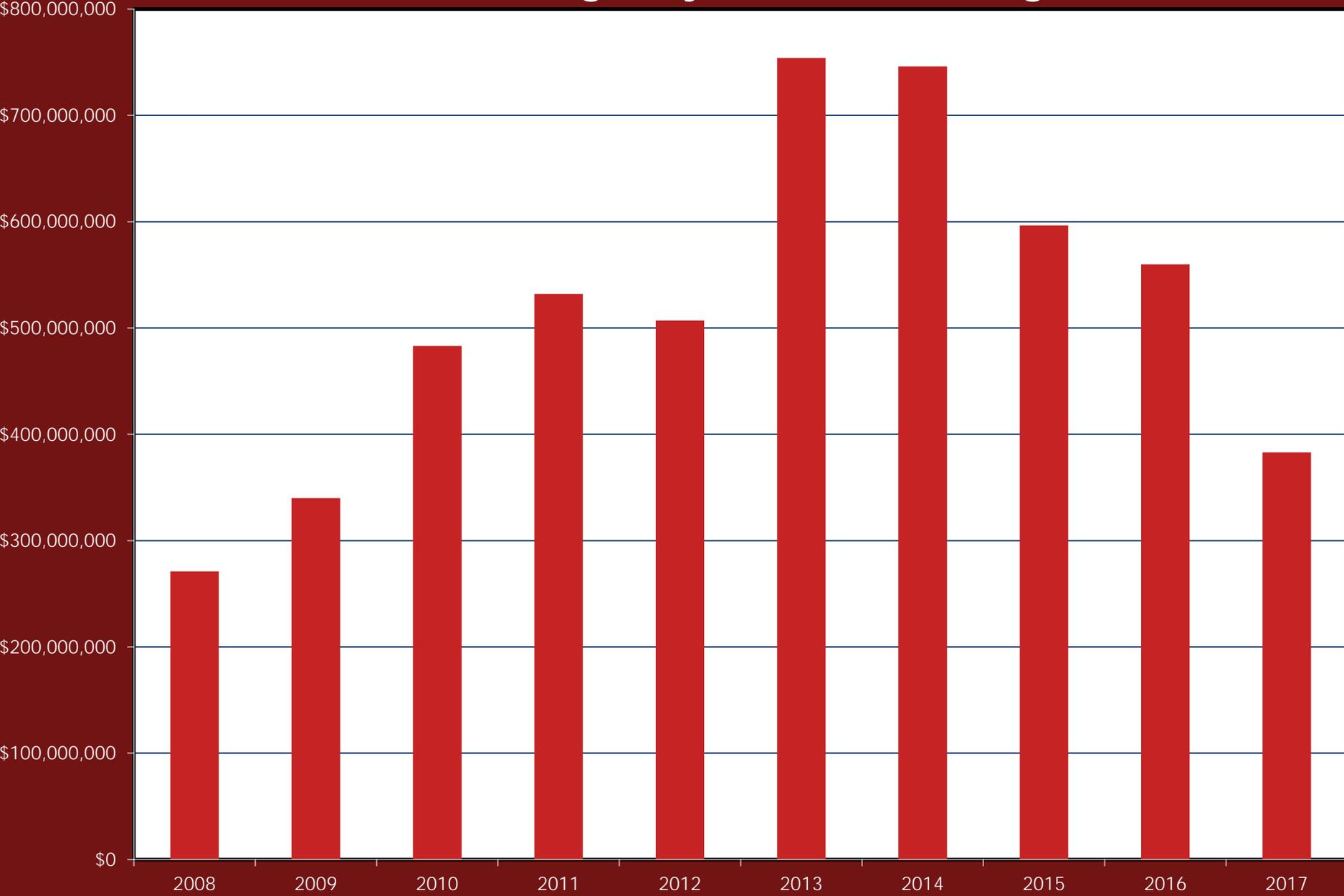
Project Manager
Becky Lindemann

CONTRACT SERVICES
Transportation Engineer III
Dennis Hermanson, P.E.
Transportation Engineer III
David Bruins, P.E.
Transportation Construction Administrator
Taylor VanEaton, P.E.

CONSTRUCTION SERVICES
Construction Services Manager
Jesse Carlsen

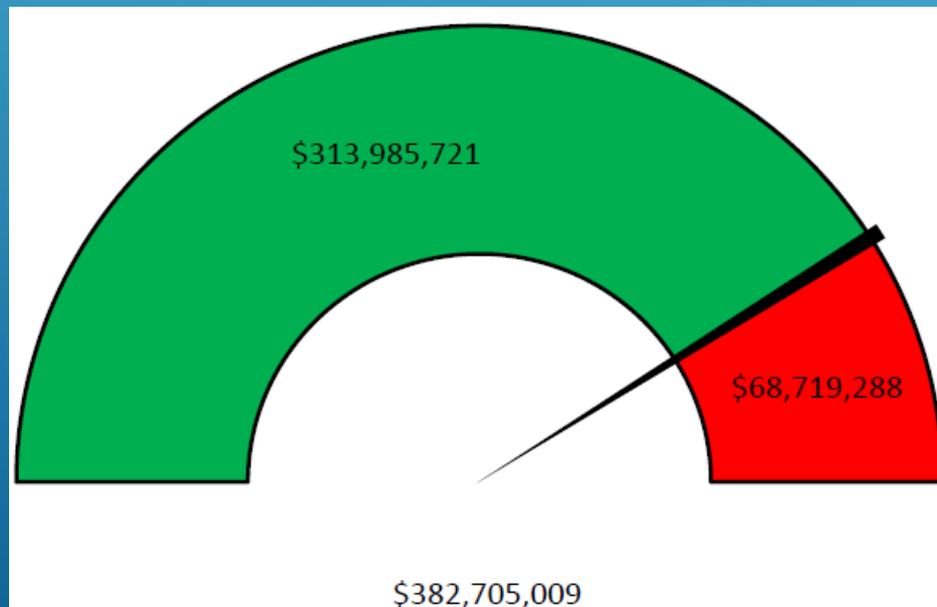
ENGINEERING POOL
Shin-Che Haung TE I
Travis Miller TE I
Sean Striefel ET II
Vacant TE II
Vacant TE I

NDDOT Highway Construction Program



2017 CONSTRUCTION STATUS REPORT

	Current	One Year Ago
Report Date	11/30/2017	11/30/2016
Number of Contracts	171	193
Total Construction Contract Amount	\$ 382,705,009	\$ 559,408,541
Contract Amount Complete	\$ 313,985,721	\$ 478,274,369
Contract Amount Remaining	\$ 68,719,288	\$ 81,134,172
% Complete	82%	85%



Notice of Intent to File a Claim

Dispute Status	2015	2016	2017
Resolved	49	33	8
Unresolved	6	19	19
Total	55	52	27



Bismarck District



Bismarck District



Dickinson District



Dickinson District



Grand Forks District



Grand Forks District



Devils Lake District



NDDOT
North Dakota
Department of Transportation

Devils Lake District

Econstruction



ECONSTRUCTION TIMELINE

- ▶ 2003 CARS web based application was released
- ▶ 2004 Expedite introduced as bid submittal tool.
- ▶ - 2012 Bidx became mandatory for NDDOT
- ▶ 2008 Electronic Plans and Proposals
- ▶ 2012 Supplemental information (CADD Files) is made available to bidders. This is available on the NDDOT Website (Plans and Proposals).
- ▶ 2014 First Ipad Pilot
- ▶ 2016 Begin Econstruction-related CARS updates
- ▶ 2016 LCPtracker - web-based system for filing Davis-Bacon compliant electronic certified payrolls.
- ▶ 2017 B2GNow (NDDOT Certification and Compliance System (CCS)) – DBE Certifications, renewals and DBE Project payments made to all tiers of Subcontractors

CARS/ECONSTRUCTION – RECENT UPDATES

- ▶ 2016 Pay Quantity Manager
- ▶ 2017 Certification Manager
- ▶ 2017 E-Signatures for Change Orders
- ▶ 2017 Fuel Cost Module

Goal:

Continue to update CARS for direct entry documentation



CERTIFICATION MANAGER

- ▶ Linked to Payment as of the October 13, 2017 Bid Opening
 - ▶ Every Project has updated Certificate of Compliance SP
- 



NDDOT
North Dakota
Department of Transportation

Valley City District



NDDOT
North Dakota
Department of Transportation

Valley City District



Williston District



Williston District



Minot District



NDDOT
North Dakota
Department of Transportation

Minot District



Fargo District



Fargo District



COMING SOON...

Diary Improvements!

A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right corner of the slide.

CARS PROJECT DIARY & INSPECTION DIARY

North Dakota nd.gov Official Portal for North Dakota State Government 

Construction Automated Records System

Project: SU-5-983(055)055 [Search Documents](#) [Add Documents](#) Main Me

SubProject: 1 - GRADING, AGGREGATE BASE COURSE, PCC PAVEMENT, CURB

Diary < 99/99/9999 > Created: 99/99/9999 Created By: John Doe

Erosion Control! It has rained more than 0.25" please check erosion. (Need verbiage from DOT for this message)

Diary Inspector Diary: 

Remarks

We are excavating in the area of the spring. Cut section is coal slag for +/- 150 Ft around the spring each way at 124+90 Lt. I talked to John Doe and we will use perforated pipe 4" and fabric and rock if the spring continues at grade. Its possible we may sever it completely but more than likely it will follow the cut to the bottom. I am taking pictures as we cut.

Brought in another 637 scraper and took out the one that has been down for the past week and a half. also another operator.

Will pay overhaul to haul coal slag material from spring area. No place to waste it in the balance. Hauling it back into balance 98+02 to 115+99 and spreading it thin. Will let it dry out then work it before we fill over it. I talked to John Doe on this.

Started getting stuck with the scrapers. Started pushing with the dozer.

Did not take out the broken down 637 scraper as I stated above. Lowboy operator said he was going to and then had a change of plans.

I will measure the 637 scraper during lunch tomorrow. The overhaul will be by load count. I took lots of pictures. The waste dirt is spread from 120+00 all the way 200 Ft back of CL pipe at 111+12 so a good 1000 Ft long and almost as wide as stripped area which is 80 to 110 Ft in most places.

Contract Time

Day Charged: Day Worked:
Yes Full Day

Lost Time Reason:
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo. Proin sodales pulvinar tempor. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Nam fermentum, nulla luctus pharetra vulputate, felis tellus mollis orci, sed rhoncus sapien nunc eget odio.

Weather

Rain Gauge: Rain Gauge Description:
1.50" Main Gauge

Notes:
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Engineering Staff

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo. Proin sodales pulvinar tempor. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Nam fermentum, nulla luctus pharetra vulputate, felis tellus mollis orci, sed rhoncus sapien nunc eget odio.

Documents

Comments:
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Files:
[FileName1.pdf](#)
[FileName2.pdf](#)
[FileName3.pdf](#)

CONSTRUCTION PROJECT PAPER RECORDS

Pre-2016

- Pay Quantity Reports
- Quantity Book
- Haul Sheets
- Project Diaries
- Inspector Diaries
- Correspondence
- Change Orders
- Sublets
- Final Checklist
- Materials Testing File
- Payroll File

Today

- ~~Pay Quantity Reports~~
- ~~Quantity Book~~
- ~~Haul Sheets~~
- ~~Project Diaries~~
- **Inspector Diaries**
- ~~Correspondence~~
- ~~Change Orders~~
- ~~Sublets~~
- ~~Final Checklist~~
- **Materials Testing File**
- ~~Payroll File~~

FINAL PROJECT RECORDS

▶ Since Jan 1, 2018

- Aprox. 30 project final records have been submitted all electronic
 - Aprox. 15 submitted electronic with paper materials file
- 

THANKS!

