

Center to Grand Forks Project



► CGF Project Weekly Status Report

Case No. PU-09-670

Michael Hennes ► Minnkota Power Cooperative, Inc. ► 10/11/2013

Week 75

Extraordinary Events

Safety: None

Environmental: None

Damage: One

Unreported underground cable strike from week 74

Threatened or endangered Species: None

Cultural or Historical: None

Attachments: Incident report for Underground power line strike

Construction Summary To-Date:

Foundations Installed = 1083

Structures Set = 919

Spans of Conductor Pulled = 724

CGF Project Weekly Status Report

Case No. PU-09-670

Safety/Damages

While performing excavation for foundation installation work at 381 on 9/26/13, a drill auger broke through an underground power line – there were no injuries or damage to equipment. Locates had been called in for that location, but there were no markings for this secondary underground lines at the 381 site. The power company and one-call were notified, came out and completed investigation and repairs prior to work re-commencing. This is a separate event from that reported in week 74. The full incident report is being prepared for that strike at structure 67 and will be submitted separately.

Environmental

No issues at this time.

Work Progress

Survey: Const Stake: 300-317, 506-508, 515-516
ESA/ROW: 306-322 QC: 78-83, 318-349, 506-508,
515-516

Material delivery continues with deliveries of structures and materials to CI-Harvey. Three (3) loads to CI-Harvey.

Foundation installation has completed 87, 88, 90, 91, 110, 111, 120, 126, 334, 348, 351-354, 358, 361-363, 368, 374-376, 380, 381, 383-386, 405 over the past week for a total of 29 whole foundations, with 1,083 completed in total.

Line construction crews performed structure setting at 429-409, 238 over the past week for a total of 22 structures, with 919 completed in total.

Wire stringing: Clipped: Conductor 1279-1291, OHGW 1268-1291, OPGW 1265-1291

Restoration: CI

Work Planned for Next Week

Foundation installation of structures: 75-76, 78-79, 81-83, 93, 307-310, 317, 319-329, 340-347, 350, 379

Structure setting: 234-208, 1

Wire Stringing: OPGW 627-573, OHGW 627-573, Conductor 472-451

Restoration: DI, 1264-1292

Land Owner/Public Issues

None.

Cultural or Historical Events

None

Extraordinary Events

One – Damage to underground cable as described in the Safety/Damages section and in the attached Incident Report dated 9/26/13

Structure Move Requests


None



ACCIDENT/INCIDENT REPORT

Page 1 – Employee to Complete
Page 2 – Supv./Mgr. to Complete

IDENTIFICATION	Accident / Incident Location City and State: Central Sheridan UNO South of intersection of 12 th Ave. and 10 th St. County: Sheridan Specific Location: Structure 381			Occurrence Date: 9-26-13 Time of Occurrence: 3:00 PM	
	Date Reported to Employer: 9-26-13	Last Name, First Name: Greg, Berthiaume		Position/Job Title: Driller	
	Reported to Whom? Chris Berthiaume	- Personal Injury Information - Home Address: City State Zip Code Home Phone Number:		Employee No.:	
	Who Witnessed the Incident? Greg's Crew Statements? None			Hire Date:	
	Outcome: (check all that apply) <input type="checkbox"/> Injury, Illness, No Damage <input type="checkbox"/> Injury and Damage <input checked="" type="checkbox"/> Damage, No Injury <input type="checkbox"/> Fire <input type="checkbox"/> Near Miss	Birth Date:	Age:	Gender: <input type="checkbox"/> M <input type="checkbox"/> F	# Dependents
		Employment Type (check one) <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Temporary <input type="checkbox"/> Directly Supervised Contract Worker		Employment Status (check one) <input checked="" type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Seasonal <input type="checkbox"/> Volunteer	
Nature of Injury/Illness, Treatment Received and/or Description of Damages: (Body Part, Equipment Name or Number) Please Explain: Broken 240v underground power line causing an outage for Verendrye Elec. Coop.					
INCIDENT	Employee's Report of Events Leading to the Accident / Incident: Description of what happened (who, what, where, and how?): What job task was being performed? How was it being done? What equipment was being used? Location of personnel involved? What was the unexpected event? What was the result or potential result? Explain: While drilling structure 381 at the depth of 3 ft. an underground power line was unearthed. There was no arc flash and no one was injured. See attached photos.				
	What caused the Accident/Incident? Locators failed to mark the underground utility. The locate ticket #13156818. Locate was requested on 9/13/13 at 3:23 pm. Work Begin date was 9/17/13 at 3:30 pm. (See locate ticket for additional information)				
	What could be done in the future to prevent this type of accident / incident? Continue to order locates prior to drilling operations.				
	Medical attention from a doctor or health care professional? (check one) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe Treatment Received:		Treating Physician Name: Address: City, State: Phone Number:		
	Time Work Began: 0600 AM	Employee's Signature: Greg Berthiaume		Date: 9-26-13	

INCIDENT	<p>Supervisor's Report: Description of what happened (who, what, where, and how?): What job task was being performed? How was it being done? What equipment was being used? Location of personnel involved? What was the unexpected event? What was the result or potential result? Explain:</p> <p>While drilling structure 381 the rig unearthed a 240v power line at a depth of 3 ft. Once the line was pull out the crew immediately stopped work until the electric company came out to verify that the line was dead. There were no marks distinguishing the underground utility before drilling began. A valid locate was in place prior to drilling operations.</p>	
	<p>Type of Treatment (check all that apply)</p> <input type="checkbox"/> No Treatment <input type="checkbox"/> On-Site First Aid Treatment Only <input type="checkbox"/> Clinic <input type="checkbox"/> Emergency Room <input type="checkbox"/> Hospitalization <p>Describe Treatment:</p>	<p>Doctor, Clinic or Hospital Name:</p> <p>Mailing Address</p> <p>Phone #</p> <p>Has the employee returned to work? (check one)</p> <input type="checkbox"/> Yes -Date Returned? <input type="checkbox"/> No -Estimated Date of Return?
ANALYSIS	<p>Procedure(s) and/or Pre-Job Briefing (THA) Adequate? Procedure(s) and/or Briefing Followed? Yes</p>	
	<p>Employee(s) Trained in Procedure(s)? Date of Training? Yes</p>	
	<p>Lockout/Tagout, Tagging, Switching, Clearance, Permits Appropriate? Yes</p>	
	<p>Tools and/or Equipment Maintained in Good Condition? Properly Used? Properly Installed? Yes</p>	
	<p>Personal Protective Equipment (PPE) Required? PPE Worn? PPE Used Properly? PPE Condition? Yes</p>	
	<p>Factors/Contributing Causes: Training? Procedures? Maintenance? Installation? Inspection Interval? Monitoring of Process or Conditions? Defect/Condition? Existing Conditions? Time of Day? Other? Root Cause(s)? Locators failed to mark the underground utility.</p>	
PREVENTIVE ACTION	<p>Immediate Temporary Control(s): Immediately stopped work and moved the crew to a safe location. Call the power company to verify that the energy had been secure to the line.</p>	
	<p>Permanent Control(s): Power company will be out to reroute the line on 9-27-13.</p>	
	<p>Continue to ensure locates are completed prior to drilling operations.</p>	
<p>Additional Comments: Stanley requested information (Crew Time line) <i>The crew moved into structure 381 and 382 at 6:00 am on Sept. 26th. First the crew drilled structure 382 and moved to 381 at 1:00 pm. The crew set up the site and no locate markings were found. The crew began drilling at 2:45 pm. They noticed that they struck the power line at 3:00 pm. They had taken out about three auger loads when they saw the line in the hole. Work immediately stopped and didn't recommence until the next day at 6:00 am after the utility company deemed the area safe. The hole stood open over the weekend and was poured on Monday Sept. 30th at 7:00 am. The crew finished the pour and moved out of the area at 3:00 pm.</i></p>		
<p>Responsible Manager/Director Comments:</p> <p>Signature:  Date: (MM,DD,YY) 9/26/13</p>		

Forward signed originals to the Safety Department and retain a copy for your location.







From: <nd@occinc.com>
To: <amber.lundgren@hotmail.com>
Sent: Friday, September 13, 2013 4:14 PM
Subject: Ticket: 13156818
NORTH DAKOTA ONE-CALL
Request #: 13156818 LORQ ROUTINE

Send To: C_EMAIL Seq No: 950 Map Ref:

Original Call Date: 9/13/13 Time: 3:23 PM CT Op: webusr
Work to Begin Date: 9/17/13 Time: 3:30 PM CT
Transmit Date: 9/13/13 Time: 4:14 PM CT Op: webusr

County: SHERIDAN Place: CENTRAL SHERIDAN UNO
Address: Street: 12TH AVE NE
Nearest Intersecting Street: 10TH ST NE

Type of Work: POWERPOLE FOUNDATION DRILLING
Work Being Done For: MINNKOTA POWER
Depth: 50 FT Explosives: N Tnling/Boring: Y
Extent of Work: FROM INTERSECTION TRAVEL NORTH 1500FT THEN EAST 100FT TO
: STAKE MARKED 381, MARK 50FT RADIUS. FROM 381 TRAVEL EAST 925FT TO
STAKE
: MARKED 382, MARK 50FT RADIUS. FROM 382 TRAVEL EAST 1000FT TO STAKE
MARKED
: 383, MARK 50FT RADIUS. FROM 383 TRAVEL EAST 1025FT TO STAKE MARKED 384,
MARK
: 50FT RADIUS. FROM 384 TRAVEL EAST 900FT TO STAKE MARKED 385, MARK 50FT
: RADIUS. FROM 385 TRAVEL EAST 900FT TO STAKE MARKED 386, MARK 50FT
RADIUS.
: 147N, 75W, 7
Remarks:
: 6 STRUCTURES TOTAL

Twp: 147N Rng: 75W Sect-Qtr: 7

Ex. Coord NW Lat: 47.5740170Lon: -100.2880040SE Lat: 47.5594290Lon: -100.2607684

Company : TRI-STATE DRILLING Fax:
Contact Name: AMBER SIMON Phone: (218)371-1535
Alt. Contact: JOSH HADRAVA Phone: (612)790-1251
Caller Address: P.O. BOX 252 Call Back:
HAMEL, MN 55340

DISTRICT	COMPANY NAME	PHONE NUMBER
MCSHER01	MCLEAN-SHERIDAN RURAL WATER	(701)448-2686
VEREND01	VERENDRYE ELECTRIC COOPERATIVE	(406)207-1655
WRVRCM01	WEST RIVER TELECOMMUNICATIONS	(701)748-2211

If there are any private underground facility operators in the excavation area,

you should notify them directly.

Verify all the information on the completed ticket is accurate, including the map, by clicking the following link:

<http://nd.itic.occinc.com/6TG2-AF4-6QF-438>