

**WEEKLY REPORT
OF
CONSTRUCTION PROGRESS**

PROJECT:

Merricourt - Ellendale, 230kV, TL151
Ashley - Ellendale, 46kV, TL041 UB
Wishek - Ellendale, 230kV, TL089 - Merricourt Taps

DATE: November 2011

WO: J172396
J186381
JXXXXXX

WEEK OF CONSTRUCTION: Nov 14, 2011 to Nov 20, 2011

10

OPERATION		* PERCENT COMPLETION										
		10	20	30	40	50	60	70	80	90	100	
NEW CONSTRUCTION	4 NO. STRUCTURE LOCATION STAKED											100%
	3 NO. MATERIAL HAULED IN FIELD								78%			
	2 NO. STRUCTURE ASSEMBLING		++	++++								31%
	2 NO. STRUCTURE ERECTING		11.5%									
	1 NO. GUY & ANCHOR INSTALLATION				36%							
	WIRE STRINGING											
	RIGHT OF WAY CLEARING											
RETIREMENT	POLE LINE REMOVAL											97%
	CONDUCTOR REMOVAL											100%
	MATERIAL RETURNS (New & Used)											100%

* Percent completed to period of report -----
Percent completed during period of report *****

REMARKS:

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Merricourt to Ellendale TL151 progress report, week ending 11-19-11

Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc.

CONTRACTOR:
BRINK CONSTRUCTORS, INC

MONTANA-DAKOTA UTILITIES CO.

BY: AH

BY: Kenneth W. Fisher

November 14 To November 19 2011

10 Merrickant Wind Farm to Ellendale 230KV Project

2 NO: Structure assembling

243 total Structures # 9 sub total 40 Structure
Assembled so far as of Nov. 12, 2011

all structure assembled this week 11-14-11 to 11-20-11

233; 232; 231; 230; 229; 228; 227; 226; 225; 224; 223; 222; 221;

220; 219; 218; 217; 216; 209; 207; 206; 205; 204; 203; 202

Sub total (25)

192; 191; 190; 189; 188; 187; 186; 185; 184; 183

Sub total (10)

40 #9 35#10 = sub total of (75)

$243 \div 75 = 3.086 = 31\%$

Structures 214; 213; 212 are close to water. They be ground and aerial
Framed and set single poles then aerial framed, at later date.

Structures 215; 211; 210 and 208 were set earlier.

Kenneth W Fisher

INSPECTOR'S WEEKLY REPORT

Line: Morrisport Wind Farm to Ellendale 230 KV Project

Period: November 14 2011 to November 19, 2011 Contractor: Brink

Inspector: Kenneth W Sisker General Foreman: Aaron Holley

Weather Conditions: Clear to cloudy cool wind 5 to 30 mph gusts up to 49 mph. Workmen Total: 8 to 12

Progress:

- 1. Roads Built _____
- 2. Gates Built _____
- 3. Material Hauled _____
- 4. Structures Framed 219, 218, 219, 216, 207, 207, 206, 205, 204, 203, 202
233, 232, 231, 230, 229, 228, 227, 226, 225, 224, 223, 222, 221, 220,
192, 191, 190, 189, 188, 187, 186, 185, 184 & 183
- 5. Digging _____
- 6. Structures Set _____
- 7. Sock Line Pulled _____
- 8. Wire Strung _____
- 9. Wire Sagged & Clipped _____
- 10. Clean-up _____

Comments:

Structure 214, 213, & 212 NOT Framed yet. Due water issues. They will be set and ground framed

Structure 215, 211, 210, & 208 were set earlier.

Crews continued ground framing structures that are listed above.

They ground framed 25 structure this week.

Weather was cool to cold with winds. Temp. was 20.5° to 31.2°, wind

5 to 35 mph with gust 49 mph.

On Sunday, ^{20th of November 2011,} the F.N.S. Fiber Network solution Inc, tested the ground

reel fiber at Brakaw material lay down yards. The weather was windy

5 to 30 mph and cold with the Temp. 1° to 10° above zero

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merrimack Wind Farm to Ellendale REPORTED BY Kenneth W Fisher

DATE Monday 14, 2011
Tuesday 15, 2011

MEN	NO.	TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE FRAMING (Aerial)	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP WORK	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
FOREMAN <i>Supervisor</i>	1											22
FOREMAN	1				1							22
FOREMAN												
LINEMEN	1				1							22
LINEMEN												
LINEMEN <i>Appr</i>	1				1							22
LINEMEN												
LINEMEN <i>Appr</i>												
EQUIP. OPERATORS	2			2								44
EQUIP. OPERATORS												
EQUIP. OPERATORS												
GROUND MEN	2			2								44
GROUND MEN												
GROUND MEN												
GROUND MEN												
TOTAL MEN	8	<i>11 HRS Each day</i>										196

EQUIPMENT ON JOB (List on Monday and note only changes during week.)

- 1-9000 Pickup
- 2-2 Ton Pickups
- National 30 Ton Crane rubber tire
- Sq. Shovel Loader w/ Forks
- I H 103 cat loader w/ Forks
- JCB 550 Loader Framing Bin
- Crane 45 Ton rubber tire
- 18 Ton National crane w/ digger Truck mounted
- Small utility trailer

WEATHER CONDITIONS (Indicate above approx. time lost due to adverse weather.)

- 11-14-11 Clear windy 5-35 mph with gust up to 48 mph Temp 30° to 46°
- 11-15-11 Cloudy cold windy 10 to 30 mph gust to 49 mph Temp 29° to 34°

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Mooseport Wind Farm to Ellendale REPORTED BY Kenneth W Fisher

DATE Wednesday 16, 2011
Thursday 17, 2011
Brink Contractor

MEN	NO.			TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE FRAMING (Aerial)	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP WORK	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
		11-16-11	11-17-11											
FOREMAN <i>Supervisor</i>	1	1												22
FOREMAN		1												11
FOREMAN	1	1					1	1						22
LINEMEN	1	1					1	1						22
LINEMEN														
LINEMEN <i>Flpr</i>	1	1					1	1						22
LINEMEN <i>Flpr</i>	*	3					4							44
LINEMEN														
EQUIP. OPERATORS	2	2					2	2						44
EQUIP. OPERATORS														
EQUIP. OPERATORS														
GROUNDMEN	2	2					2	2						44
GROUNDMEN														11
GROUNDMEN														
GROUNDMEN														
TOTAL MEN	8	12	<i>* Second Ground Framing crew 11 HRS each day</i>											242

EQUIPMENT ON JOB (List on Monday and note only changes during week.)

WEATHER CONDITIONS (Indicate above approx. time lost due to adverse weather.)

11-16-11 clear cool wind 5 to 20 mph Temp 20° to 28°

clear to cloudy wind 5 to 25 mph Temp 16° to 29°

DAILY RECORD OF CONTRACTORS WORK

11-16-11 to 11-17-11

	STAND NO.	DIGGING-FT.		POLES SET	STRUCTURE <i>Ground Framed</i>	ANCHORS INSTALLED	AERIAL MARKER	FENCE GATES
		EARTH	ROCK					
<i>11-16-11</i>	<i>225 Finished</i>				<i>T-230-A DBL w T-46-HS</i>		<i>Beaming Plates</i>	
	<i>224</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
	<i>223</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
	<i>222</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
	<i>221</i>				<i>T-230A DBL w T-46-HS</i>		<i>Beaming Plates</i>	
<i>11-17-11</i>	<i>220</i>				<i>T-230A DBL w T-46-HS</i>		<i>Beaming Plates</i>	
	<i>219</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
	<i>218</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
<i>Started</i>	<i>217</i>				<i>T-230A DBL w T-46-HS</i>		<i>Beaming Plates</i>	
	<i>216</i>				<i>" "</i>		<i>" "</i>	
<i>16-17-11</i>	<i>* 192</i>				<i>T-230A DBL w T-46-HS</i>		<i>Beaming Plates</i>	
	<i>191</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>
	<i>190</i>				<i>" "</i>	<i>" "</i>	<i>" "</i>	<i>" "</i>

PROGRESS OF CONDUCTOR STRINGING, SAGGING, CLIPPING _____

GENERAL REMARKS (Include RW, Material, Inspection Decisions)

crew continued Ground Framing, also installing Beaming Plates, that are listed above.

** Second Ground Framing crew, Ground Structure, and installing Beaming Plates listed above.*

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Massachusetts Wind Farm to Ellendale REPORTED BY Kenneth W. Sisk

DATE Friday 18, 2011
Saturday 19, 2011
Brink Contractor

MEN	NO.	TRAILS & LANDINGS	POLE & MATERIAL HAULING	HOLE DIGGING	STRUCTURE FRAMING (Ground)	STRUCTURE SETTING	STRUCTURE FRAMING (Aerial)	ANCHOR INSTALLATION	CONDUCTOR HAUL, STRING, SAG, CLIP	CLEAN-UP WORK	LOST TIME DUE TO ADVERSE WEATHER	TOTAL HOURS
FOREMAN <i>Symonides</i>	1			1	1							22
FOREMAN	1			1	1							22
FOREMAN	1			1	1							22
LINEMEN	1			1	1							22
LINEMEN												
LINEMEN <i>Appr</i>	1			1	1							22
LINEMEN												
LINEMEN <i>Appr</i>	3			3	3							66
EQUIP. OPERATORS	1			1	1							22
EQUIP. OPERATORS	1			1	1							22
EQUIP. OPERATORS												
GROUND MEN												
GROUND MEN												
GROUND MEN	2			2	2							44
GROUND MEN												
TOTAL MEN	12	<i>11 HRS Each Day</i>										264

EQUIPMENT ON JOB (List on Monday and note only changes during week.)

WEATHER CONDITIONS (Indicate above approx. time lost due to adverse weather.)

cloudy cool wind 5 to 25 mph Temp. 20° to 35°

cloudy cold wind 5 to 25 mph Temp. 10° to 15°

