

**WEEKLY REPORT
OF
CONSTRUCTION PROGRESS**

PROJECT:

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

DATE: December 4, 2011

WO: J172396
J186381
JXXXXXX

WEEK OF CONSTRUCTION: Nov 30, 2011 to Dec 4, 2011

12

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				+++++	49%						
	2 NO! STRUCTURE ERECTING		+++									
	1 NO! GUY & ANCHOR INSTALLATION				*	36%						
	1 W NO! WIRE STRINGING											
	1 R/W NO! RIGHT OF WAY CLEARING										90%	
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:

116 PU-10-164 Filed: 12/6/2011 Pages: 14
Merricourt, Ashley, Wishek to Ellendale progress
report, week ending 12-04-2011

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

CONTRACTOR:
BRINK CONSTRUCTORS, INC

MONTANA-DAKOTA UTILITIES CO.

BY: HH

BY: Kenneth Wishek

November 30, 2011 To December 4, 2011

Merricourt Wind Farm to Ellendale 230 KV. Project

2 NO: Structure assembling

243 total Structure #10 subtotal 75 Structure assembled

ALL Structure assembled this week 11.30.11 To Dec 3, 2011

$$\begin{array}{r} \#10 \quad \#11 \\ 88 + 27 = 115 \quad 243 \overline{)115} \quad .4733 = 47\% \end{array}$$

175 to 139 (27) "H" Structures

Structures 174-166-163-150-149 are set

2 NO: Structure ERECTING 243 Total

28 #9

Structure 240 to 230 ARE Erected for Subtotal of (11 Structures)

$\begin{array}{r} \#12 \quad \#12 \\ 28 + 11 = 39 \end{array}$ Structure Erected as of this Date

$$243 \overline{)39} = .1605 \text{ or } 16\%$$

INSPECTOR'S WEEKLY REPORT

Line: Merriman Wind Farm to Ellendale 230KV Project

Period: November 28th to December 4, 2011 Contractor: Brink

Inspector: Kenneth W. Lieber General Foreman: Aaron Hatley

Weather Conditions: Clear to overcast windy 5 to 35 mph Gusts up to 49 mph
Fair 5° to 33° Workmen Total: 7 to 16

Progress:

- 1. Roads Built _____
- 2. Gates Built _____
- 3. Material Hauled _____
- 4. Structures Framed Ground 153, 152, 151, 148, 149, 146, 145, 144, 143, 142, 141, 140, 139
17, 5, 17, 3, 17, 2, 17, 1, 17, 0, 16, 9, 16, 8, 16, 7, 16, 5, 16, 4, 16, 2, 16, 1, 16, 0, 15, 9 (total 27)
- 5. Digging 240, 239, 238, 237, 236, 235, 234, 233, 232, 231, 230, 229, 228
- 6. Structures Set 140, 139, 138, 137, 136, 135, 134, 133, 132, 131, 130 (11) total
- 7. Sock Line Pulled _____
- 8. Wire Strung _____
- 9. Wire Sagged & Clipped _____
- 10. Clean-up _____

Comments:

Ground clearing crew continued working on "H" structures that are listed above
Digging holes for "H" structures started on Wednesday 30th of Nov. 2011 started at
Structure 240 working towards structure no 95.
Setting crew started at structure 240 on Friday the 2nd of Dec 2011 got it set
when the windy started to gusty up to 49 mph they shut down for Friday started setting
on Saturday at structure no 239 and continued setting structure on Saturday & Sunday
Dec 3rd & Dec 4th this week = structure 229 - 2' south & 228 - 7' south ? Call Wayne Rouse on Sunday 12-4-11
Re-staked

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merricourt Wind Farm to Elkridge REPORTED BY Kenneth W. Dicks

DATE Monday 28th 2011 Nov
Tuesday 29th 2011 Nov
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
		11-28-11	11-29-11											
FOREMAN <i>Supervisor</i>	1	1												22
FOREMAN	1													11
FOREMAN														
LINEMEN	1													11
LINEMEN														
LINEMEN <i>Appr.</i>	1													11
LINEMEN <i>Appr.</i>	1	1					1							22
LINEMEN														
EQUIP. OPERATORS	1	1				1	1							22
EQUIP. OPERATORS														
EQUIP. OPERATORS														
GROUNDMEN	2					2								22
GROUNDMEN														
GROUNDMEN	4	4				4	4							88
GROUNDMEN														
TOTAL MEN	12	7	<i>* Second Ground & Framing crews</i>											209

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

- 1- 3/4 Ton Pickup _____
- 2- 2 Ton Pickup _____
- National 30 Ton Crane w/Basket rubber tire _____
- 5g. skid steer loader w/Forks _____
- Tb 103 cat loader w/Forks _____
- JCB 550 loader w/Framing gear _____
- _____
- 18 Ton National crane w/airbag track mounted _____
- Small utility trailer w/material for H-structures _____
- _____

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

Pity cloudy windy 5 to 30 mph Temp 26° to 38°

Pity cloudy windy 5 to 20 mph Temp 15° to 36°

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Maple Court Wind Farm to Ellendale 230KV REPORTED BY Ken H W Sisker

DATE Wednesday 30 2011 Nov.
Thursday 1 2011 Dec.
Brink contractor

MEN	NO.	11-30-11	12-1-11	Project											TOTAL HOURS		
				TRAILS & LANDINGS	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				
FOREMAN <i>Superintendent</i>	1	1															22
FOREMAN																	
FOREMAN			1		1 ↔ 1												10
LINEMEN			1		1 ↔ 1												10
LINEMEN																	
LINEMEN <i>Appr</i>			1		1 ↔ 1												10
LINEMEN <i>Appr</i>	1	1					1										22
LINEMEN																	
EQUIP. OPERATORS	1	1					1										22
EQUIP. OPERATORS																	
EQUIP. OPERATORS																	
GROUNDMEN	4	4					4										88
GROUNDMEN			2		2												44
GROUNDMEN																	
GROUNDMEN																	
TOTAL MEN	7	12															238

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

ICB 550 loader w/ Forks _____

Tractor w/ Flatbed Trailer _____

Texaco Highway digger _____

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

Partly Cloudy wind 5 to 10 mph Temp 25° to 37°

It clouds cool wind 5 to 20 mph gust up to 30 mph Temp 12° to 28°

DAILY RECORD OF CONTRACTORS WORK

11-30-11 To 12-1-11

STAND NO.	DIGGING-FT.		POLES SET	STRUCTURE <small>Ground Framed</small>	ANCHORS INSTALLED	AERIAL MARKER	FENCE GATES
	EARTH	ROCK					
11-30-11 167	Finished			T-230-ADBL	w/ T-46-HS	Bearing	Plates
	166 is already set 2 Pole structure						
165				" "	" "	" "	" "
164				" "	" "	" "	" "
	163 already set - 5 poles structure						
11-30-11 162				T-230-ADBL	w/ T-46-HS	Bearing	Plates
11-30-11 161	Started			" "	" "	Not Needed on these STR.	
12-1-11 161	Finished			" "	" "	- No Bearing Plates	
" 160				" "	" "		
" 159				T-230-ADBL	w/ T-46-HS	No Bearing Plates	
12-1-11 151				" "	" "	Needed on	
	150 & 149 has been set.						
12-1-11 148				T-230-ADBL	w/ T-46-HS	These H-STR.	
140	23.0'		95-2				
139	23.0'		95-2				
138	22.0'		90-2				
137	22.0'		90-2				

PROGRESS OF CONDUCTOR STRINGING, SAGGING, CLIPPING

11-30-11 to 12-1-11

GENERAL REMARKS (Include R/W, Material, Inspection Decisions)

Crew continued Ground Framing "H" structures & DIRT underbuild that are listed above, also installed Bearing Plates on some structures listed above.

There are no more Bearing Plates. The last structure with Bearing Plates is structure no. 162

Five men hauled wood racks of 3/4" Guy wire and 3/8" station wire from MDU yard to Ellendale yard. Then started digging Pole holes for structures 240, 239, 238 & 237.

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Overcast Wind Farm to Ellendale 230KV Project REPORTED BY Kenneth W. Fisher

DATE Friday 2/2/11 Dec
Saturday 3/2/11 Dec
 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>Supervisor</i>	1											22
FOREMAN												
FOREMAN	1					1						19
LINEMEN												
LINEMEN <i>Appr.</i>	3					3						57
LINEMEN												
LINEMEN <i>Appr</i>	1				1							22
LINEMEN												
EQUIP. OPERATORS	1				1							22
EQUIP. OPERATORS	3					3						57
EQUIP. OPERATORS												
GROUND MEN	4				4							88
GROUND MEN												
GROUND MEN	2					2						38
GROUND MEN												
TOTAL MEN	16	<i>Setting snow work (5 HRS) on 12-2-11</i>										325

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

- 2-1/2 Ton Pickup _____
- 1-3/4 Ton Pickup _____
- Truck w/ Compressor w/ 4 Tamps _____
- 5yds Rock Truck _____
- 10yds Dump Truck _____
- John Deere skidder w/ crane _____
- Grove 70 Ton crane rubber tire _____
- National Crane mounted on Truck _____
- _____
- _____

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

- 2-2-11 Ptlly cloudy cool windy 5 to 25 mph gusting up to 35 to 45 mph Temp 11° to 33°
- 2-3-11 Overcasts cool windy 5 to 25 mph Temp 25° to 21°

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Marricourt Wind Farm to Ellendale 230kV Project REPORTED BY Kenneth W. Pabst

DATE Sunday 4 Dec
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>Supervisor</i>	1											8
FOREMAN												
FOREMAN	1					1						8
LINEMEN												
LINEMEN <i>appr.</i>	3		x			3						24
LINEMEN												
LINEMEN												
EQUIP. OPERATORS	3		x			3						24
EQUIP. OPERATORS												
EQUIP. OPERATORS												
GROUND MEN	2					2						16
GROUND MEN												
GROUND MEN												
GROUND MEN												
TOTAL MEN	10											80

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

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

Clear to overcast windy 5th Temp 6° to 19°

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merricourt wind farm to Ellendale REPORTED BY Kenneth W. Fisher
Monday to Sunday
 230KV Project

DATE Nov. 30 to Dec 4 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				X	X	X	<i>see Daily Record Work sheet.</i>					
FOREMAN												
FOREMAN												
LINEMEN												
LINEMEN												
LINEMEN												
LINEMEN												
LINEMEN												
EQUIP. OPERATORS												
EQUIP. OPERATORS												
EQUIP. OPERATORS												
GROUND MEN												
GROUND MEN												
GROUND MEN												
GROUND MEN												
TOTAL MEN												

Sheet 1 of 3

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

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

DAILY RECORD OF CONTRACTORS WORK

Week of November 30th to December 3, 2011

Sheet 2 of 3

STAND NO.	DIGGING-FT.		POLES SET	STRUCTURE <i>Ground Framed</i>	ANCHORS INSTALLED	AERIAL MARKER	FENCE GATES
	EARTH	ROCK					
175				T230 AWT-46 H.S.		Bearing	Plates
173							
172							
171							
170							
169							
168							
167							
165							
164							
162						Bearing	plates
161							
160						On these structures	NO Bearing Plates
159							
153							
152							
151							
148							
147							
146							
145 to 139				T230A W F 46 H.S.			

Total of (27) Structure ground Framed this week
 PROGRESS OF CONDUCTOR STRINGING, SAGGING, CLIPPING

GENERAL REMARKS (Include R/W, Material, Inspection Decisions)

Structure 174; 166; 163; 150; & 149 were dug and set by Aerial Framing.

Structure 158 to 154 were ground Framed already.

