

**WEEKLY REPORT
OF
CONSTRUCTION PROGRESS**

PROJECT:

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

DATE: February 11 2012

WO: J172396
J186381
JXXXXXX

WEEK OF CONSTRUCTION: February 6, 2012 to February 11, 2012

21

OPERATION		* PERCENT COMPLETION										
		10	20	30	40	50	60	70	80	90	100	
NEW CONSTRUCTION	STRUCTURE LOCATION STAKED											100%
	MATERIAL HAULED IN FIELD											100%
	STRUCTURE ASSEMBLING											93%
	STRUCTURE ERECTING											93%
	GUY & ANCHOR INSTALLATION											50%
	WIRE STRINGING		12%									10%
	RIGHT OF WAY CLEARING											90%
RETIREMENT	POLE LINE REMOVAL											100%
	CONDUCTOR REMOVAL											100%
	MATERIAL RETURNS (New & Used)											100%

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

REMARKS:

125 PU-10-164 Filed: 2/16/2012 Pages: 7
Merricourt, Ashley, Wishek to Ellendale progress
report, week ending 2-11-2012

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

CONTRACTOR:
BRINK CONSTRUCTORS, INC

MONTANA-DAKOTA UTILITIES CO.

BY: S.S.

BY: Kenneth W Fisher

February 6, 2012 to February 11 2012

Merriant Wind Farm to Ellendale 230KV Project.

1 NO: Guy and anchors installation

323 Total $142 + 21 = 163$

$$323 / 163 = .5046 = 50\%$$

1 W: Wire string 230KV 954mm ACSR

3% EHS shield wire

156819 ~~of~~ Apr. 29.90 miles $9229 + 9514 = 18,743$

$$156819 / 18743 = .1195 = 12\%$$

1 W: B OPBW wires cc-57/465

156740 Total $15,865$

$$156740 / 15865 = .1012 = 10\%$$

Kenneth A. Lake 2-11-12

INSPECTOR'S WEEKLY REPORT

Line: Merricourt Wind Farm to Ellendale 230KV Project

Period: February 6th 2012 to February 11 2012 Contractor: Brink

Inspector: Kenneth W. Fisher General Foreman: Seth Scott
Partly cloudy, to clear wind 5-25 mph wind chill -30°

Weather Conditions: Temp -8° to 29° Workmen Total: 18

Progress:

1. Anchor ~~Structure~~ Installation at Structure 73, 71, 84 and 83
2. Gates Built _____
3. Material Hauled _____
4. Structures Framed _____
5. Digging _____
6. Structures Set _____
7. Sock Line Pulled Pull #2 228-229 to 212-213
8. Wire Strung Same as No 7
9. Wire Sagged & Clipped Same as No 7 Vibration Dampers on all phase where
collected
10. Clean-up _____

Comments:

Crew used Dynamometer to sagged 243 to Sub Deadend Tower
243 to 241 and Fibra wire for 243 to Sub Deadend Tower
also 243 to 216. Deadend structure.

Contractor Tried to work Friday and Saturday 2-10-12 to 2-11-12
but the wind chill was -30° for both days.

Missing swinging on the bracket for Conductor Phase at
E Lam Structure 201. Will use 25 Gray bolts with Y class eye bolt. For Now.

TRANSMISSION LINE CONSTRUCTION

RECORD OF CONTRACTORS TIME & EQUIPMENT

PROJECT Merricourt Wind Farm to Ellendale REPORTED BY Kenneth W. Fisher

February
DATE Monday 6th 2012
Tuesday 7th 2012
Wednesday 8th 2012

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 <u>General</u>	1											33
FOREMAN	1					1						33
FOREMAN	2							2				66
LINEMEN	1							1				33
LINEMEN												
LINEMEN <u>Appr.</u>	3					2		1				99
LINEMEN <u>Appr.</u>	3							3				99
LINEMEN												
EQUIP. OPERATORS	1						1					33
EQUIP. OPERATORS	3							3				99
EQUIP. OPERATORS												
GROUND MEN	1						1					33
GROUND MEN												
GROUND MEN	2							2				66
GROUND MEN												
TOTAL MEN	18						3	2	12			594

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

<u>2-2 Ton Pickups</u>	<u>2 Trailer w/ flat bed truck with 2 steel wire stand on</u>	<u>such trailer</u>
<u>2-1 Ton Pickups</u>	<u>1-Truck w/ forssie</u>	<u>4000 lbs. 4000 wire</u>
<u>2 3/4 ton Pickups</u>	<u>1-3 drum pallet w/ 3000ft hard line</u>	<u>1-Truck w/ 4 wire stand w/ forssie</u>
<u>600 Texoma Hwy Digger</u>	<u>1-1 drum pulled with 24000ft of rope line</u>	<u>4000 lbs. 4000 wire</u>
<u>500 Texoma Hwy Digger</u>	<u>1-Truck w/ trailer for 2-steel reel stands</u>	<u>4000 lbs. 4000 wire</u>
<u>Series 1800 Hottel crane w/ Basket</u>	<u>1-Truck w/ 2-Guy wire stand on flat bed</u>	
<u>Series 1500 20 Ton crane w/ Basket</u>	<u>cat loader w/ 1.5 cu yd bucket</u>	
<u>National crane w/ pupae</u>	<u>1-10000 lbs dump truck</u>	<u>2-Crane with basket</u>
<u>air compressor w/ 4 temps mounted on flat bed truck</u>		<u>w/ basket</u>
<u>air compressor w/ 2 temps</u>	<u>1-5 cu yd Rock Truck</u>	<u>1-Series 200 Hottel crane</u>
		<u>1-2000 lb dump truck</u>
		<u>flat bed and trailer</u>

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

<u>Partly Cloudy 5 to 15 mph</u>	<u>cool Temp 20° to 29°</u>	<u>2-6-12</u>
<u>Partly cloudy 5 to 10 mph</u>	<u>cool Temp 6° to 21° Wind shift 8°</u>	<u>2-7-12</u>
<u>cloud 5 to 15 mph</u>	<u>cool Temp 0° to 24°</u>	<u>2-8-12</u>

