

BALDWIN WIND, LLC

**Baldwin Wind  
Energy Center**  
BURLEIGH COUNTY, ND

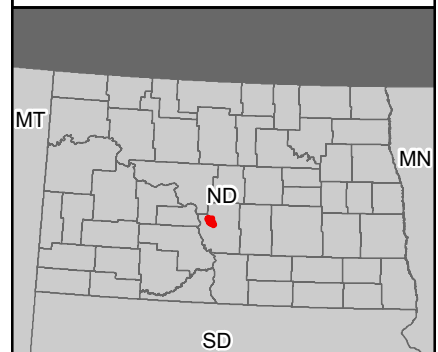
Figure 1. Project Location

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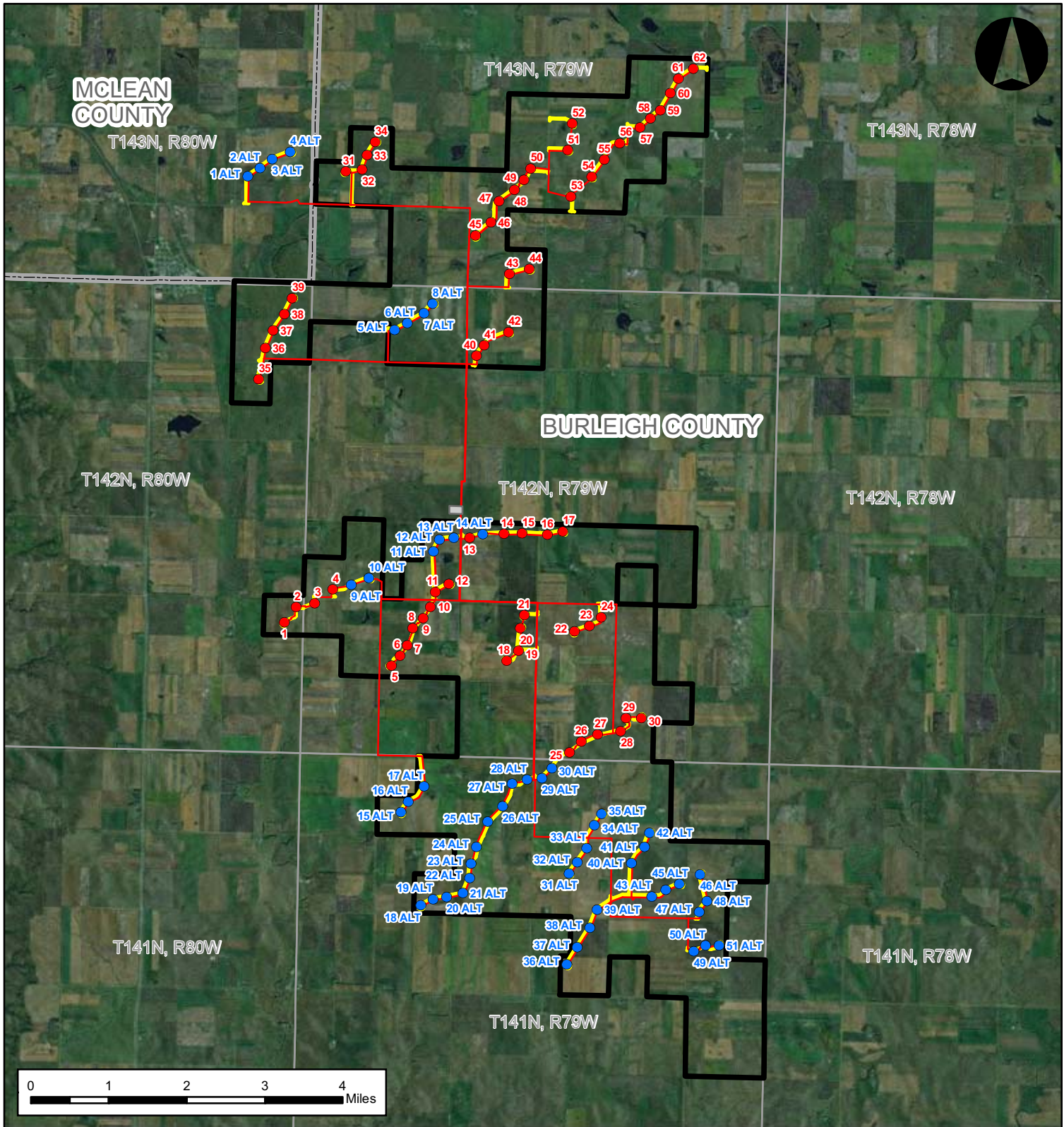


- |                        |                   |
|------------------------|-------------------|
| Project Area (3/4/10)  | Railroad          |
| Waterbody              | Populated Place   |
| Limited Access Highway | County Boundary   |
| Highway                | Township Boundary |
| Major Road             |                   |

**OVERVIEW MAP**



Source: ESRI 2009.



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BURLEIGH COUNTY, ND

Figure 2. Project Area  
(Aerial)

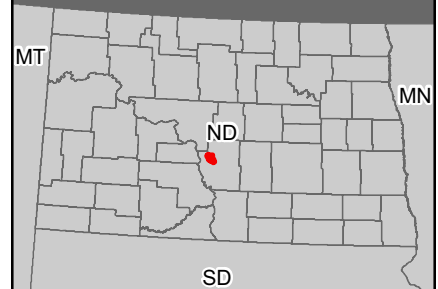
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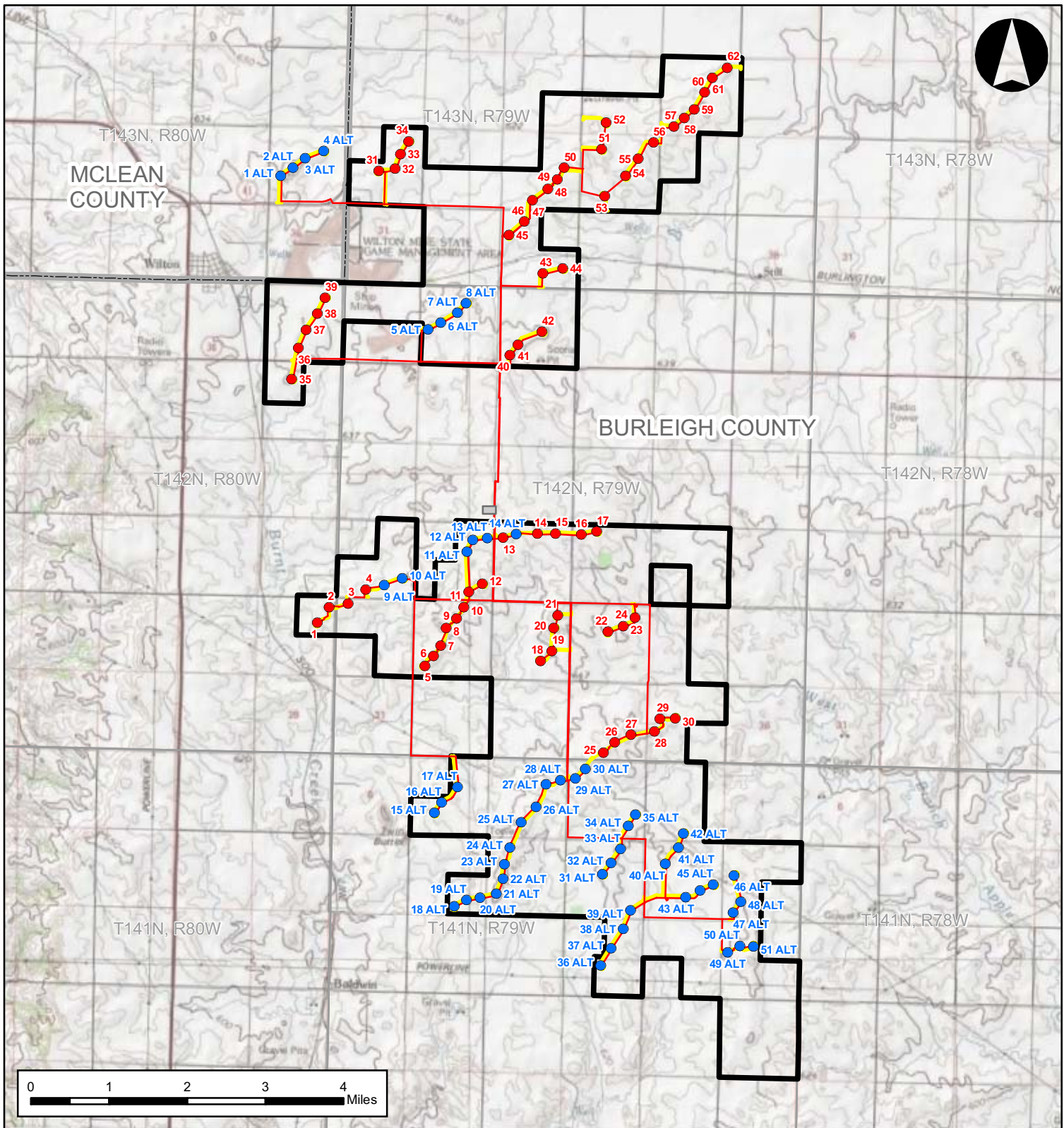


- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)
- County Boundary
- Township Boundary

Source: ESRI 2009.

OVERVIEW MAP





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BURLEIGH COUNTY, ND

Figure 3. Project Area  
(Topographical)

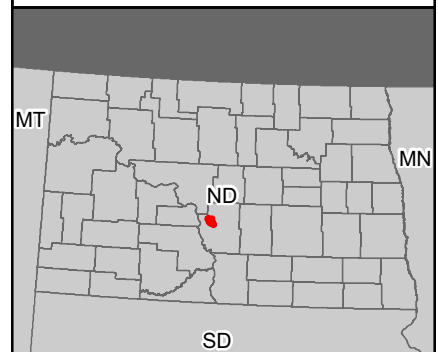
MARCH 2010

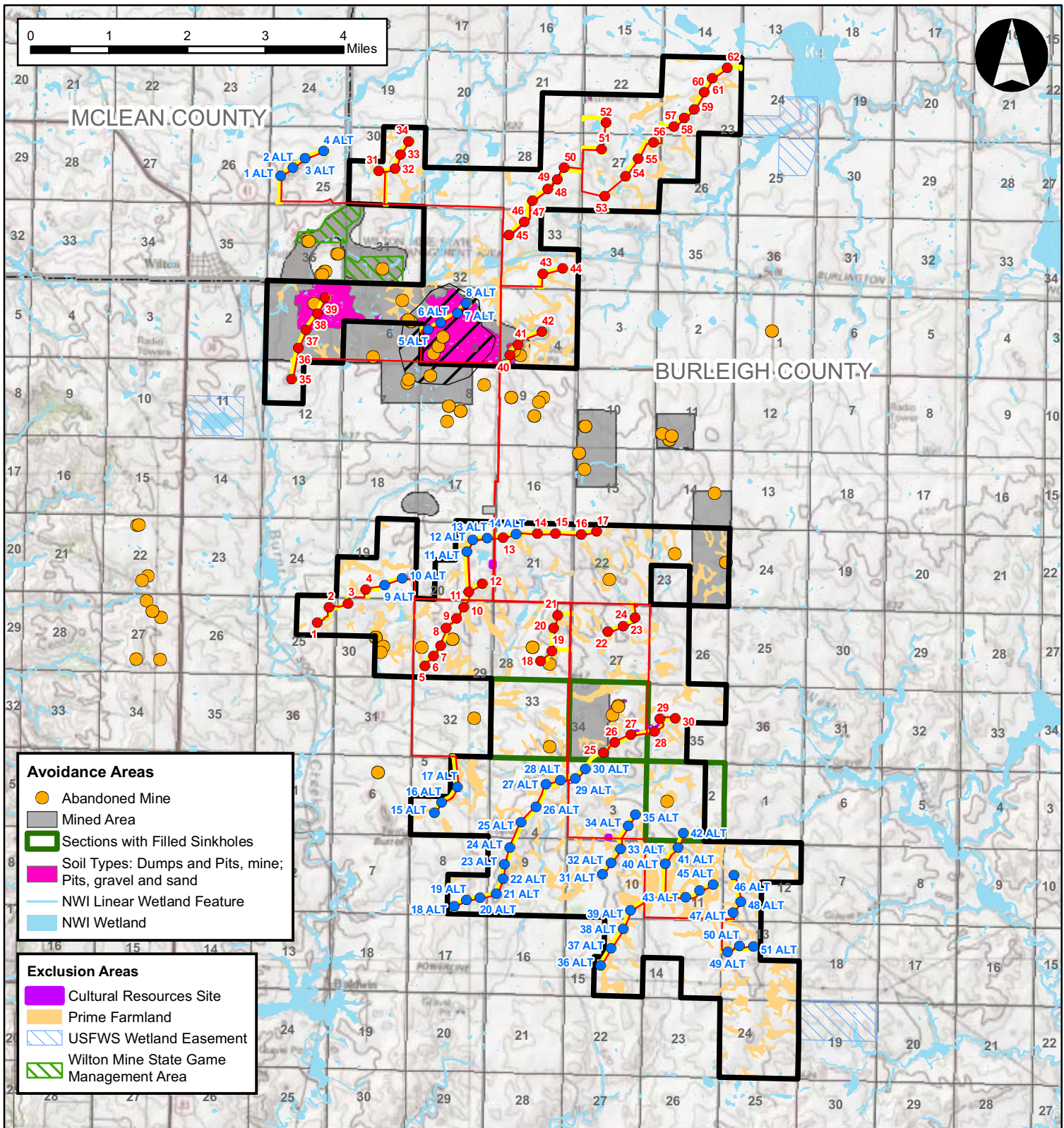


- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)
- County Boundary
- Township Boundary

Source: ESRI 2009.

OVERVIEW MAP





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Figure 4. Exclusion and  
Avoidance Areas

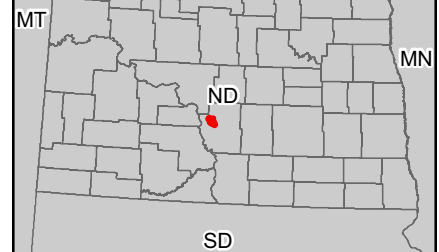
MARCH 2010

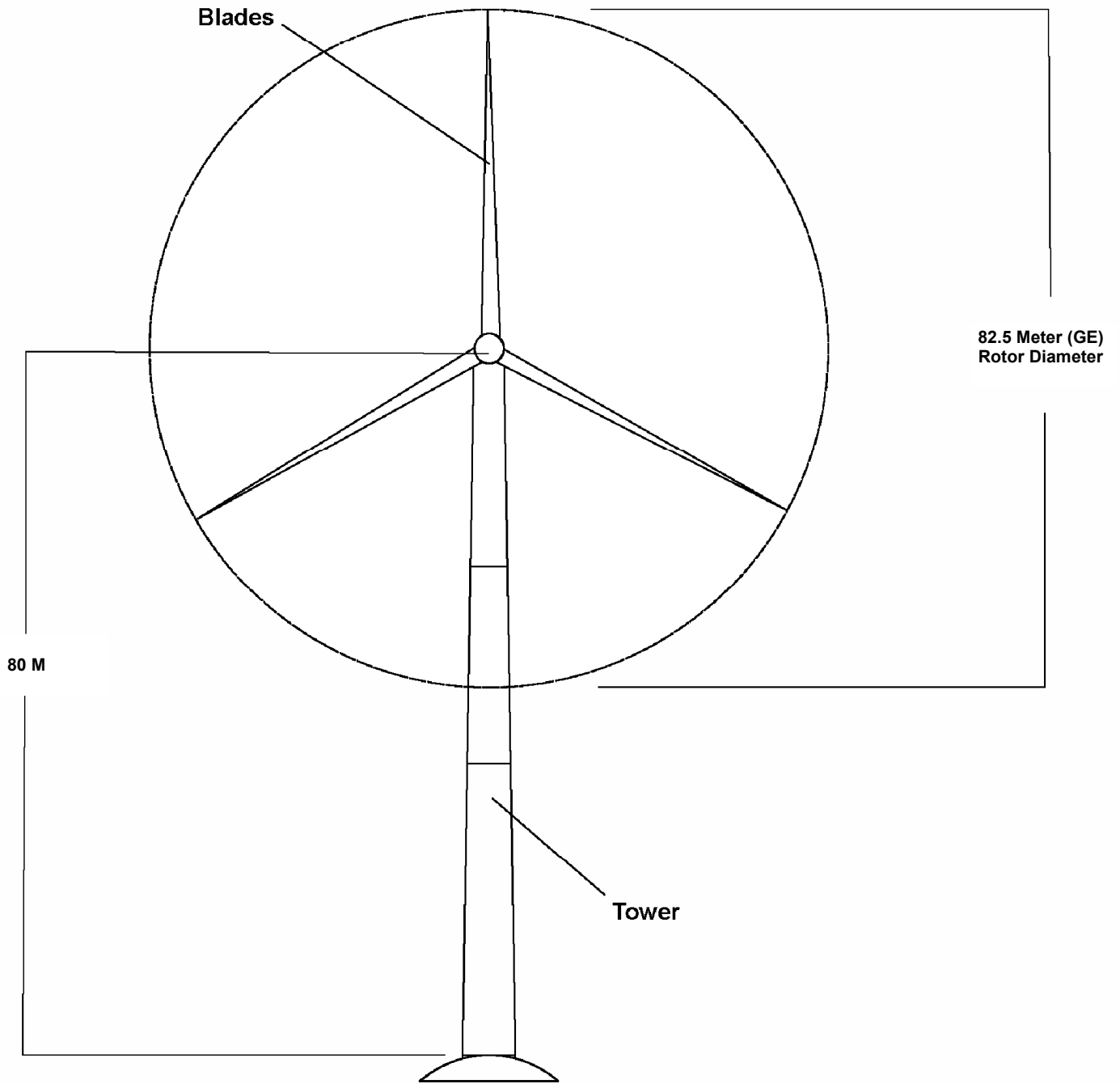


- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)

Source: ESRI 2009, NDFGD, Murphy pers. comm. 2009; Murphy 2008a; Murphy 2008b; Murphy 2008c; USDA 2009; Deutsch pers. comm. 2009; Johnson pers. comm. 2010.

OVERVIEW MAP





GE Xle 1.6 MW Wind Turbine



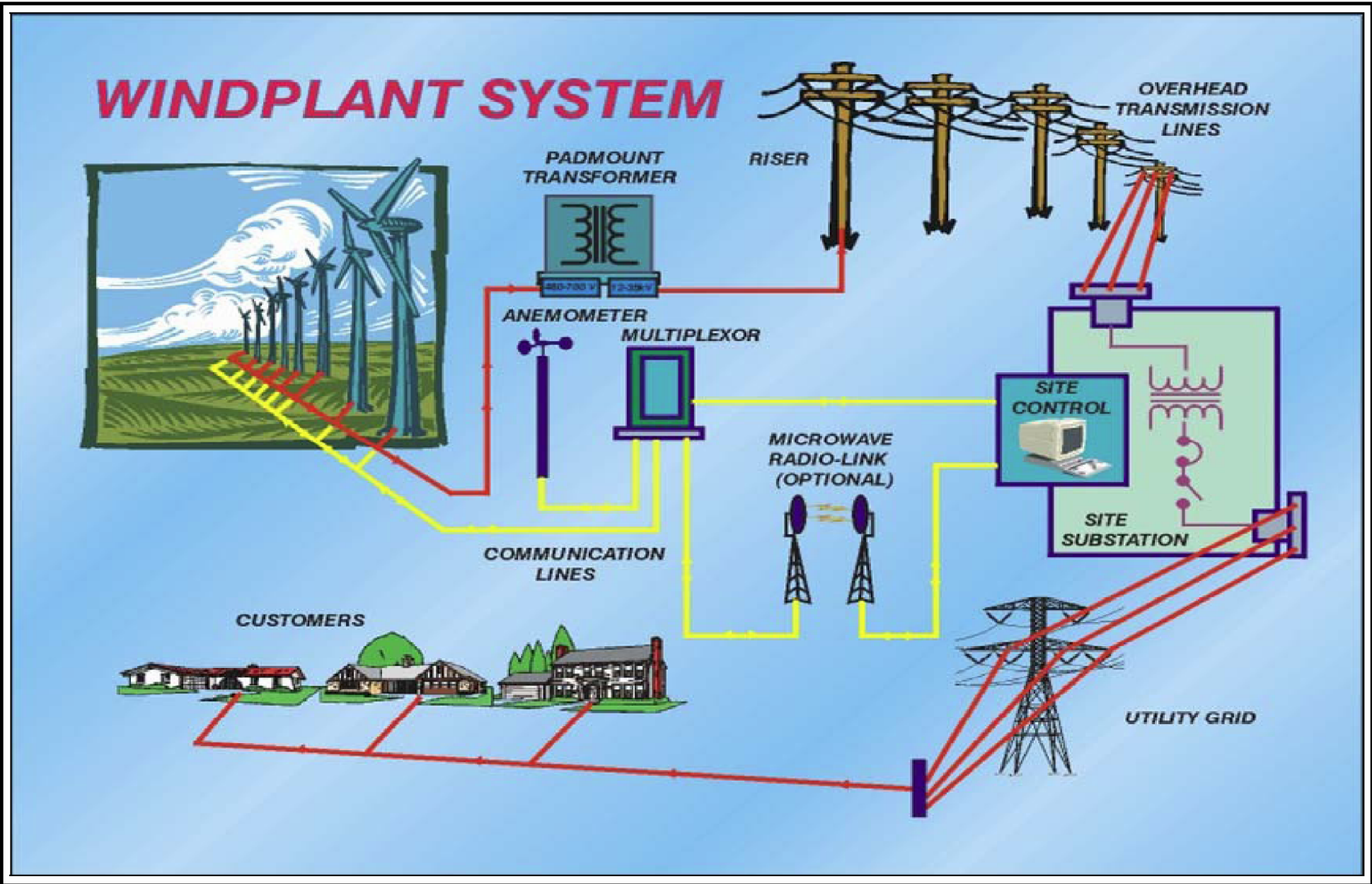


FIGURE 6

Path of Energy Diagram  
Baldwin Wind Energy Center

Burleigh County, North Dakota

March 2010

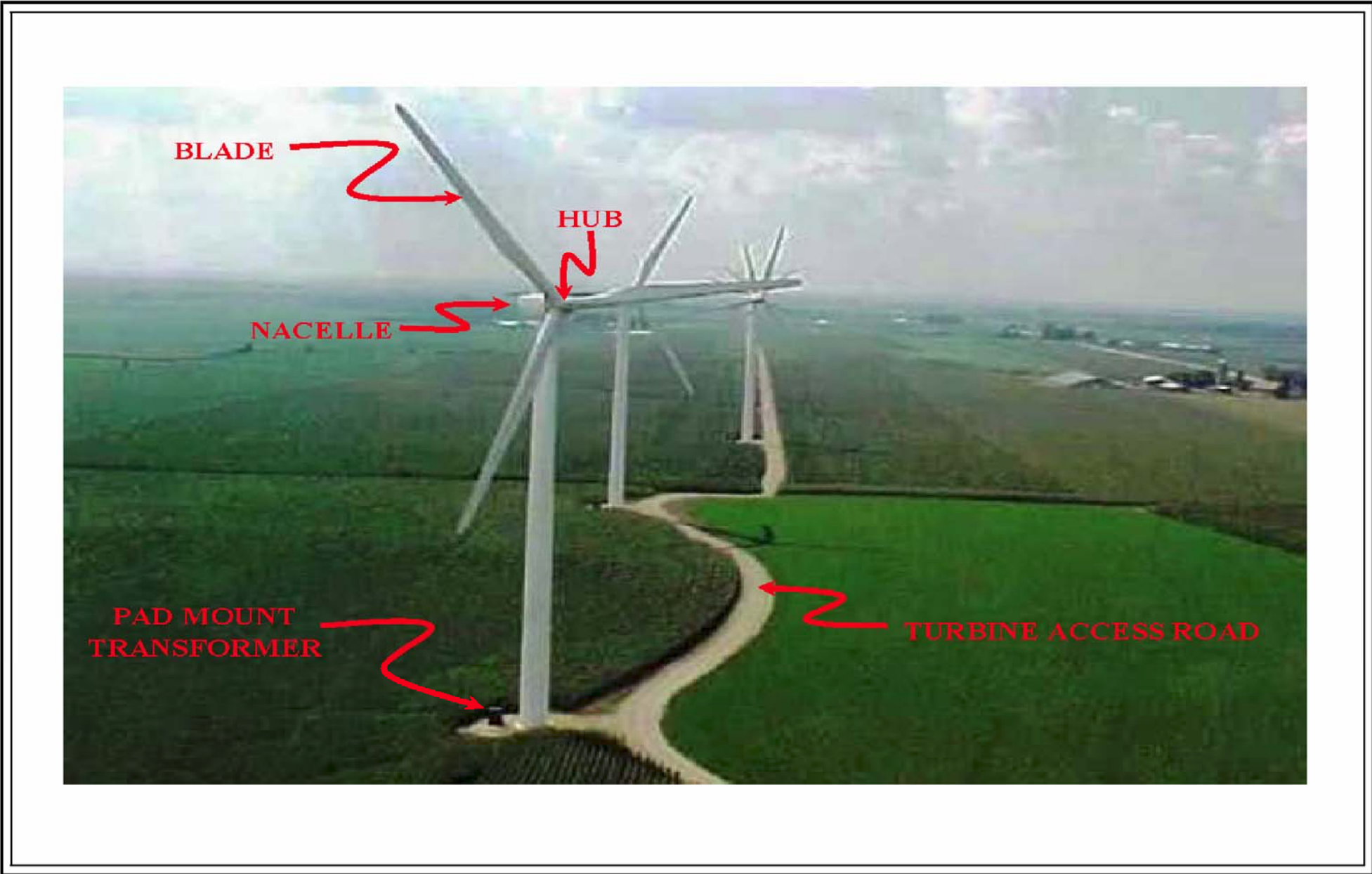
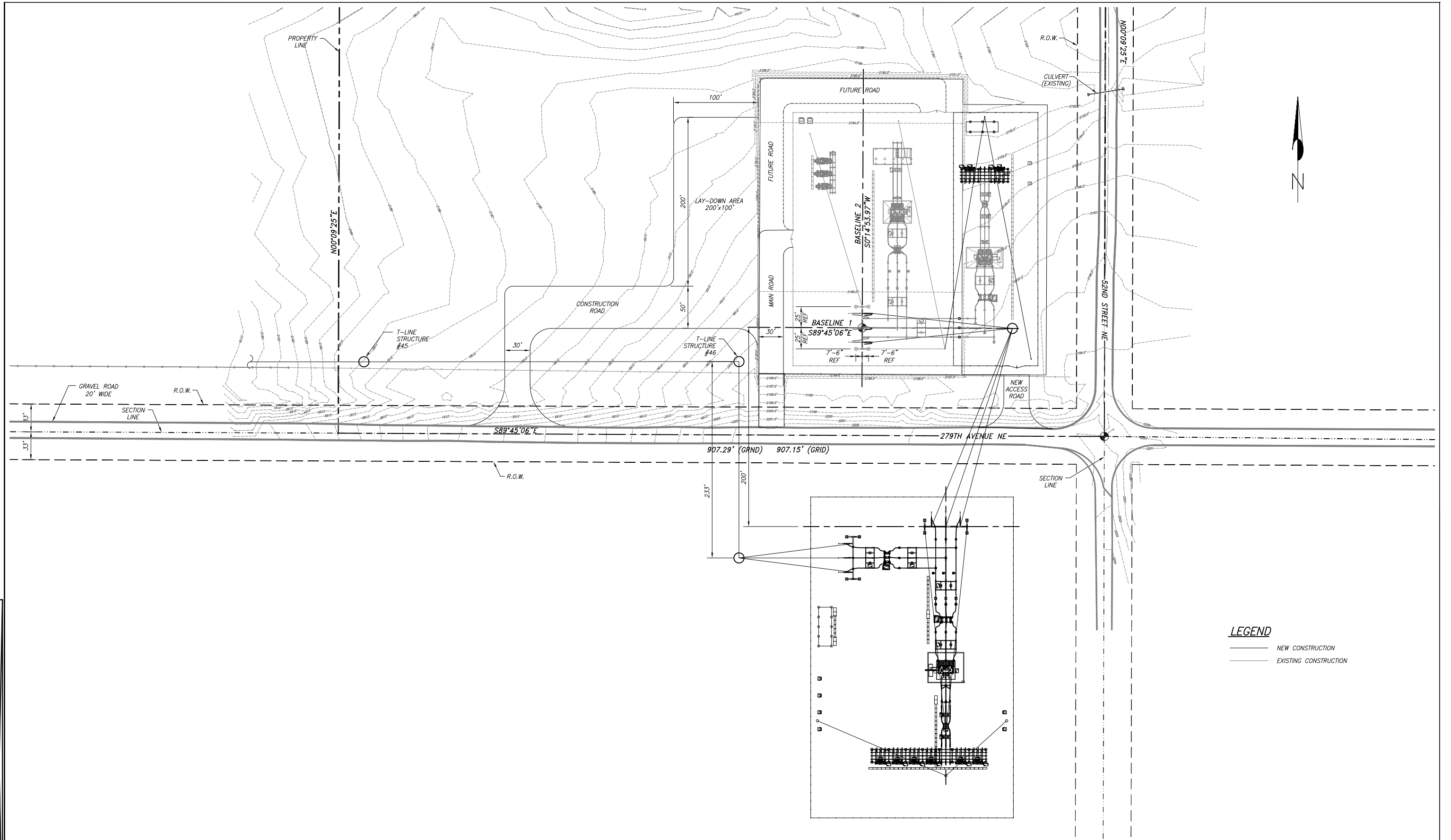


FIGURE 7

Typical Wind Energy Center Layout

Baldwin Wind Energy Center  
Burleigh County, North Dakota

March 2010



**LEGEND**  
 ——— NEW CONSTRUCTION  
 - - - - - EXISTING CONSTRUCTION



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 (303) 462-2600 fax

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REV	DESCRIPTION	ENG	DWN	CHK	DATE
A	FOR REVIEW	JDS	JDS	JDS	12/14/09
B	ISSUED FOR PERMITTING	CCH	GLJ	JDS	02/18/10

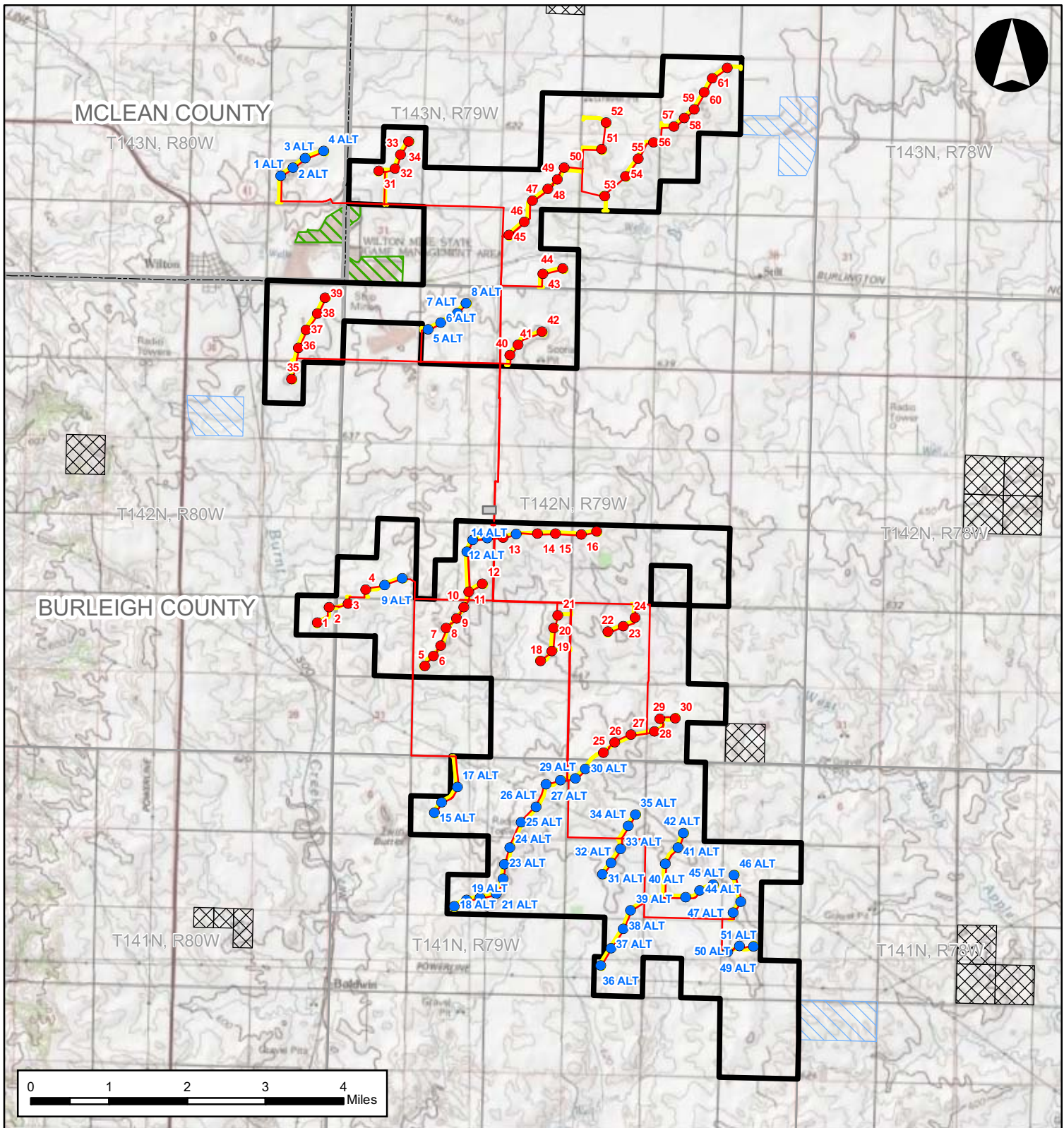
ENG: J. SCOTT  
 DWN: J. SCOTT  
 CHK:  
 DATE:

CLIENT/PROJECT: NEXTERA ENERGY RESOURCES  
 BALDWIN WIND BURLEIGH COUNTY, ND

TITLE: **Figure 8 Baldwin Substation Site Plan**

SCALE: 0 50' 100' 150'  
 1"=50'

DRAWING NUMBER: 158080201  
 REVISION: B



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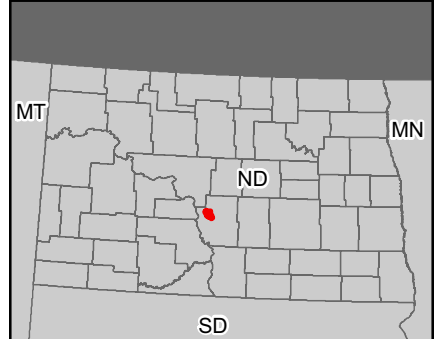
Figure 9. Public Lands  
and Easements

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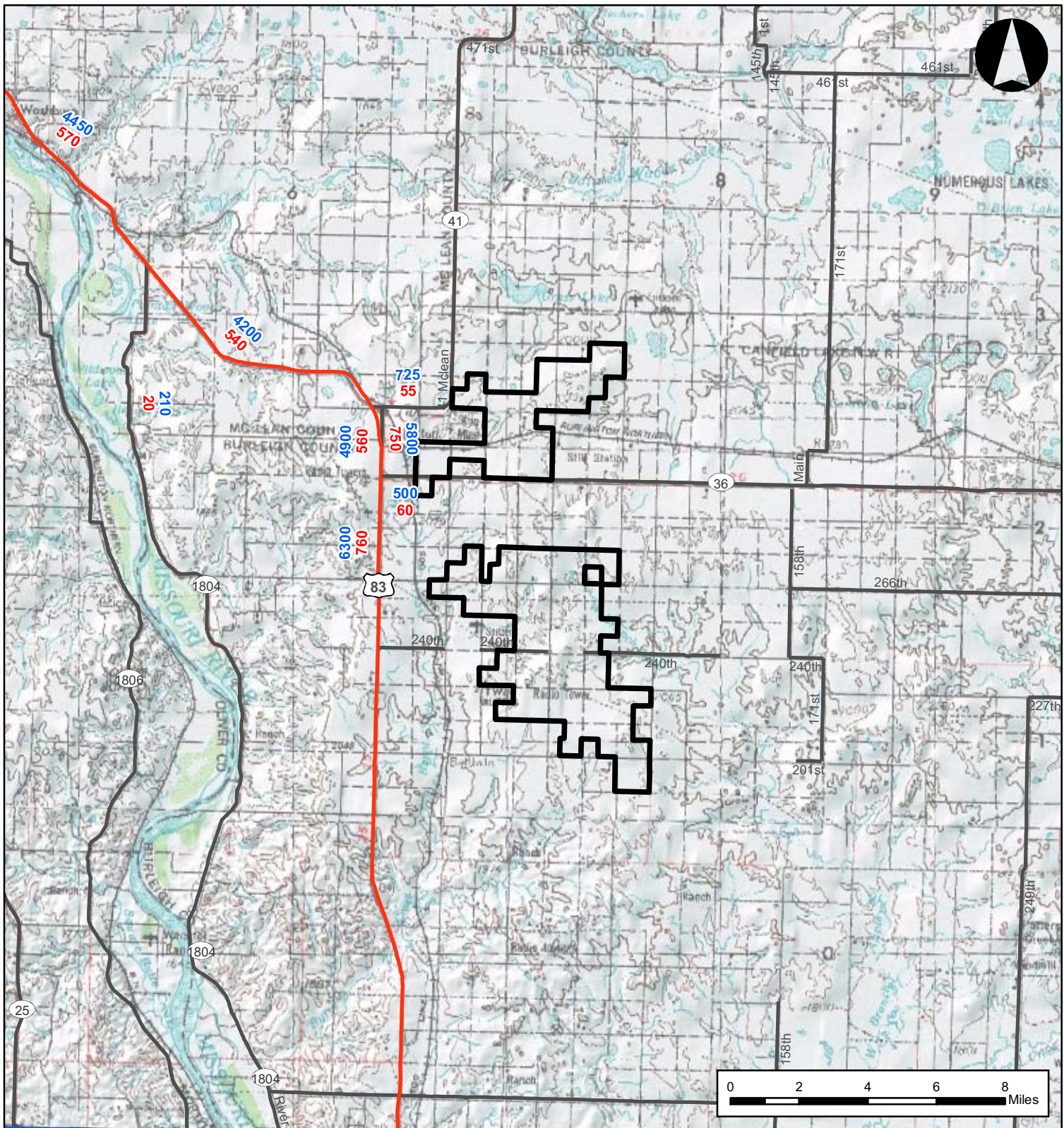


- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)
- USFWS Wetland Easement
- ND State Land Dept.
- Wilton Mine State Game Management Area
- County Boundary
- Township Boundary

OVERVIEW MAP



Source: ESRI 2009.



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Baldwin Wind  
Energy Center  
BURLEIGH COUNTY, ND

Figure 10. Average Daily  
Traffic Map

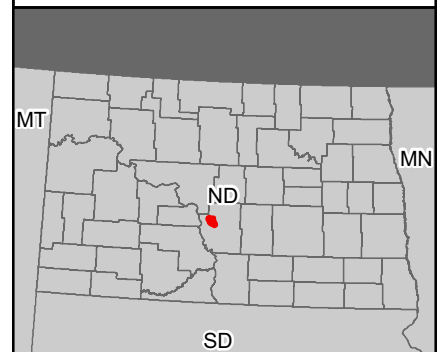
MARCH 2010



- Project Area (3/4/10)
- Limited Access Highway
- Highway
- Major Road
- 320** Average Annual Daily Traffic
- 55** Commercial Truck Traffic

Source: ESRI 2009; North Dakota Department of Transportation  
Planning & Programming Division 2008.

OVERVIEW MAP





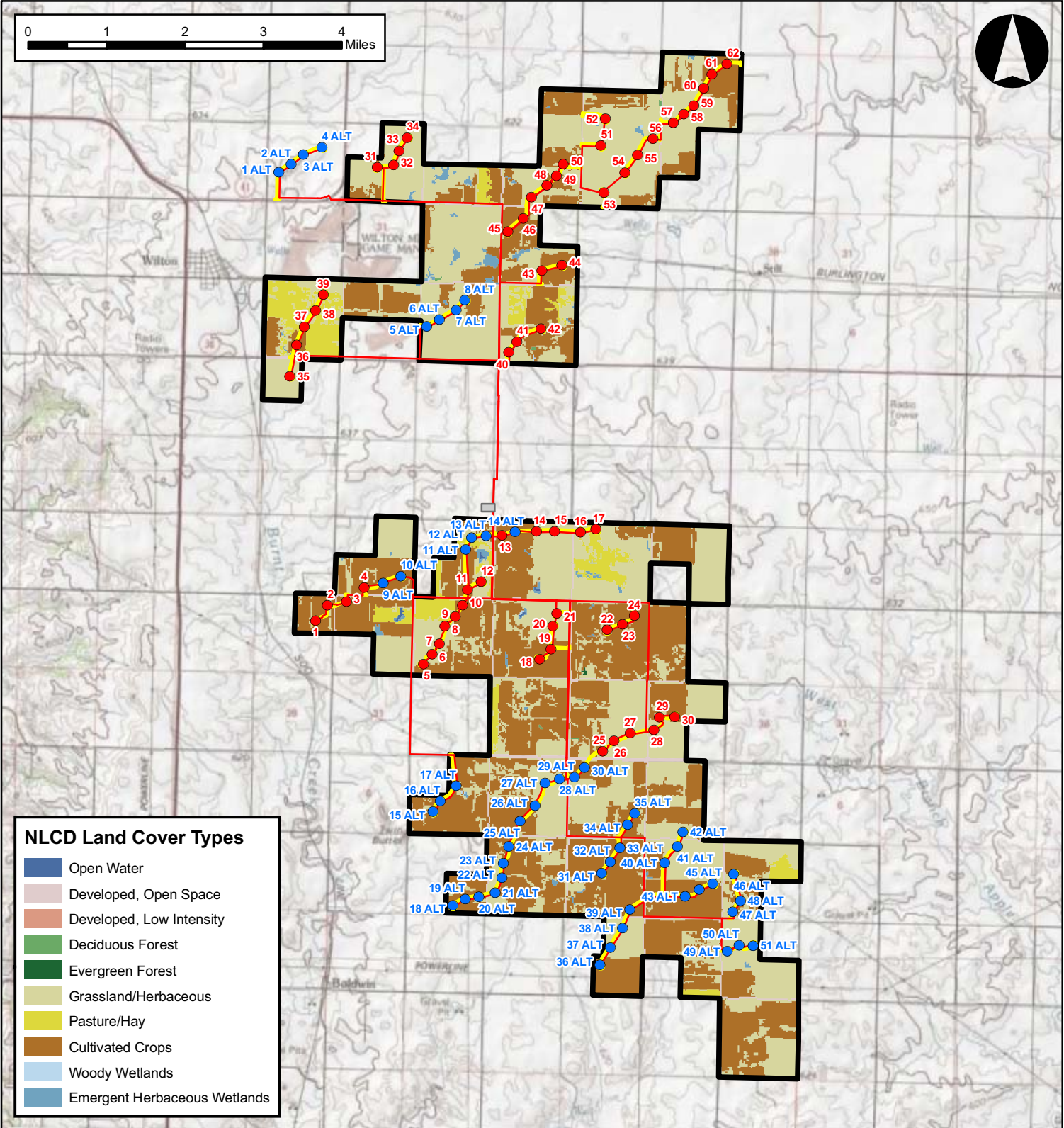
**FIGURE 11**

**Photo of Typical Landscape  
Baldwin Wind Energy Center**

**Burleigh County, North Dakota**

**March 2010**





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**Baldwin Wind  
Energy Center**  
BURLEIGH COUNTY, ND

Figure 12. Land Cover  
Map

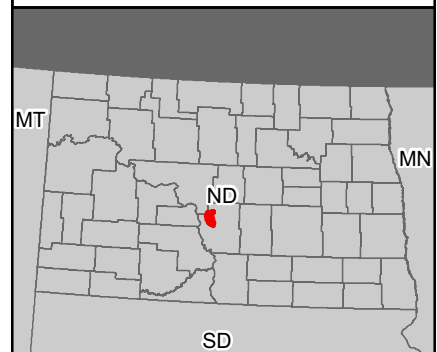
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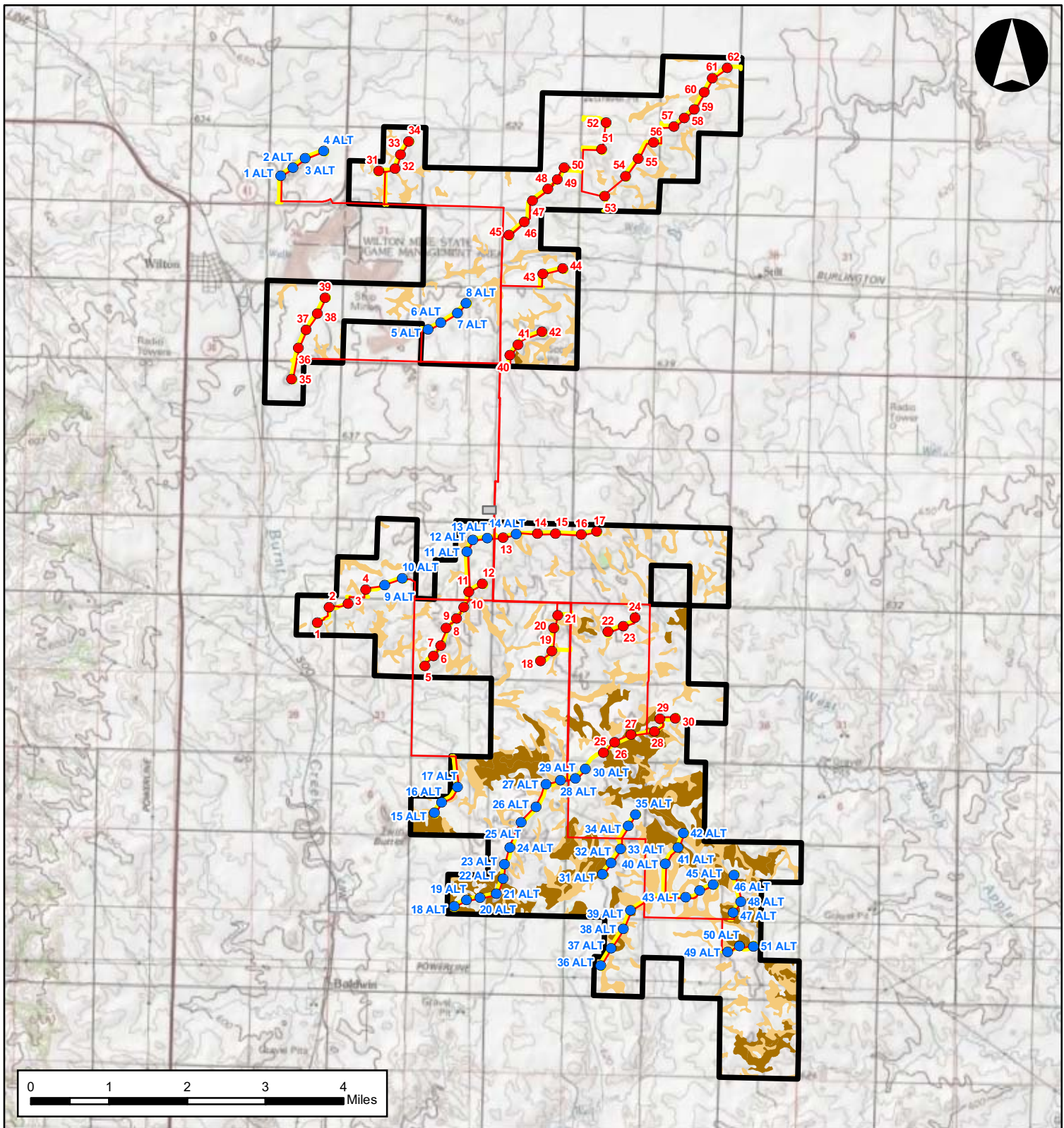


- Project Area (3/4/10)
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- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)

Source: USGS MRLC 2001.

OVERVIEW MAP





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Baldwin Wind  
Energy Center  
BURLEIGH COUNTY, ND

Figure 13. Prime Farmland Soil  
Distribution Map

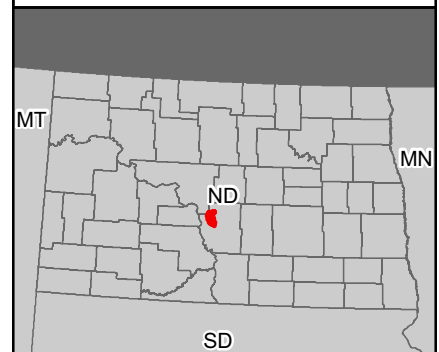
MARCH 2010

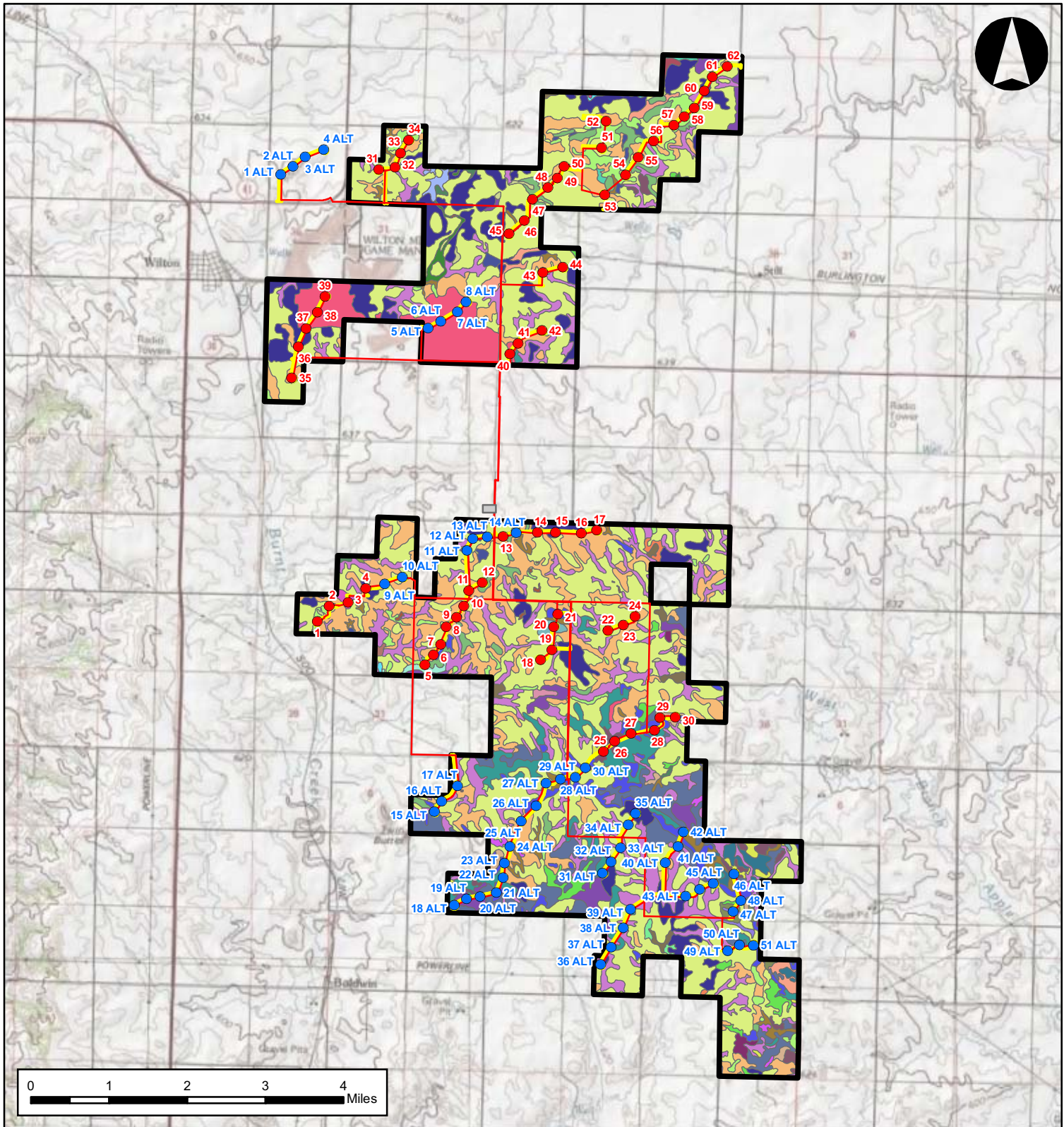


- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)
- Prime Farmland
- Farmland of statewide importance

Source: USDA 2009.

OVERVIEW MAP





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Baldwin Wind Energy Center  
BURLEIGH COUNTY, ND

Figure 14. State Soils Association Map

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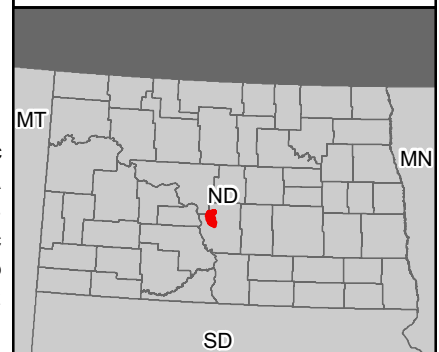
- Project Area (3/4/10)
- Substation (3/1/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)

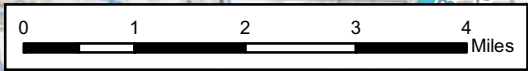
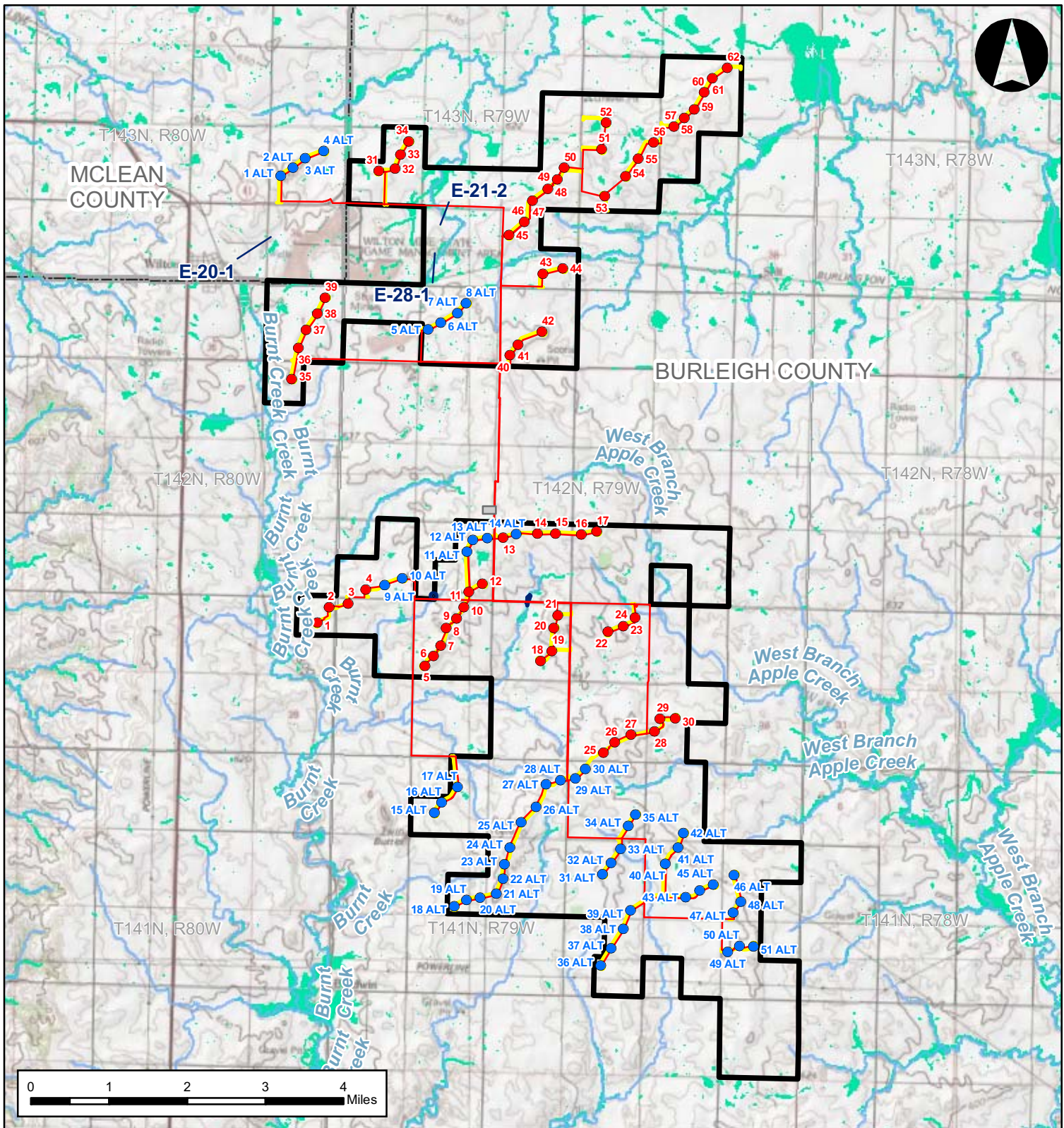
**Soil Units (symbols)**

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<span style="display: inline-block; width: 15px; height: 10px; background-color: #f4cccc; border: 1px solid black; margin-right: 5px;"></span> AgB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #cfe2f3; border: 1px solid black; margin-right: 5px;"></span> Hk	<span style="display: inline-block; width: 15px; height: 10px; background-color: #f4cccc; border: 1px solid black; margin-right: 5px;"></span> Pg	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> SeA	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> TgB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></span> W	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WsA
<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> Ch	<span style="display: inline-block; width: 15px; height: 10px; background-color: #f4cccc; border: 1px solid black; margin-right: 5px;"></span> LeA	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> Rc	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> SgA	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> TnA	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></span> WaD	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WsB
<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> FmE	<span style="display: inline-block; width: 15px; height: 10px; background-color: #cfe2f3; border: 1px solid black; margin-right: 5px;"></span> LeB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> RgC	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> SnB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> TnB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></span> WcF	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WsC
<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> GIa	<span style="display: inline-block; width: 15px; height: 10px; background-color: #cfe2f3; border: 1px solid black; margin-right: 5px;"></span> MKA	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> RhB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> SnC	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></span> Tp	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WeE	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WsD
<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> GIB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #f4cccc; border: 1px solid black; margin-right: 5px;"></span> Mt	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> Rm	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fce4d6; border: 1px solid black; margin-right: 5px;"></span> SnD	<span style="display: inline-block; width: 15px; height: 10px; background-color: #fff2cc; border: 1px solid black; margin-right: 5px;"></span> VbB	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WIC	<span style="display: inline-block; width: 15px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></span> WzE

Source: USDA 2009.

**OVERVIEW MAP**





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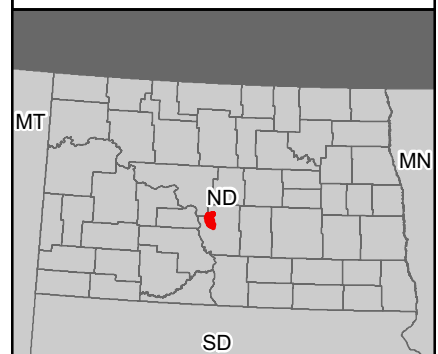
**Baldwin Wind  
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BURLEIGH COUNTY, ND

Figure 15. National Wetlands  
Inventory and Surface Waters  
Map  
MARCH 2010



- Project Area (3/4/10)
- Proposed Turbine Location (3/1/10)
- Alternate Turbine Location (3/1/10)
- Substation (3/1/10)
- Collection System (3/1/10)
- Access Road (3/1/10)
- Jurisdictional Wetland\*
- Linear Jurisdictional Wetland Feature\*
- Stream
- NWI Linear Wetland Feature
- NWI Wetland
- County Boundary
- Township Boundary

OVERVIEW MAP



Source: ESRI 2009.