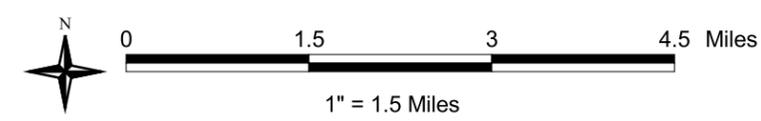


Legend

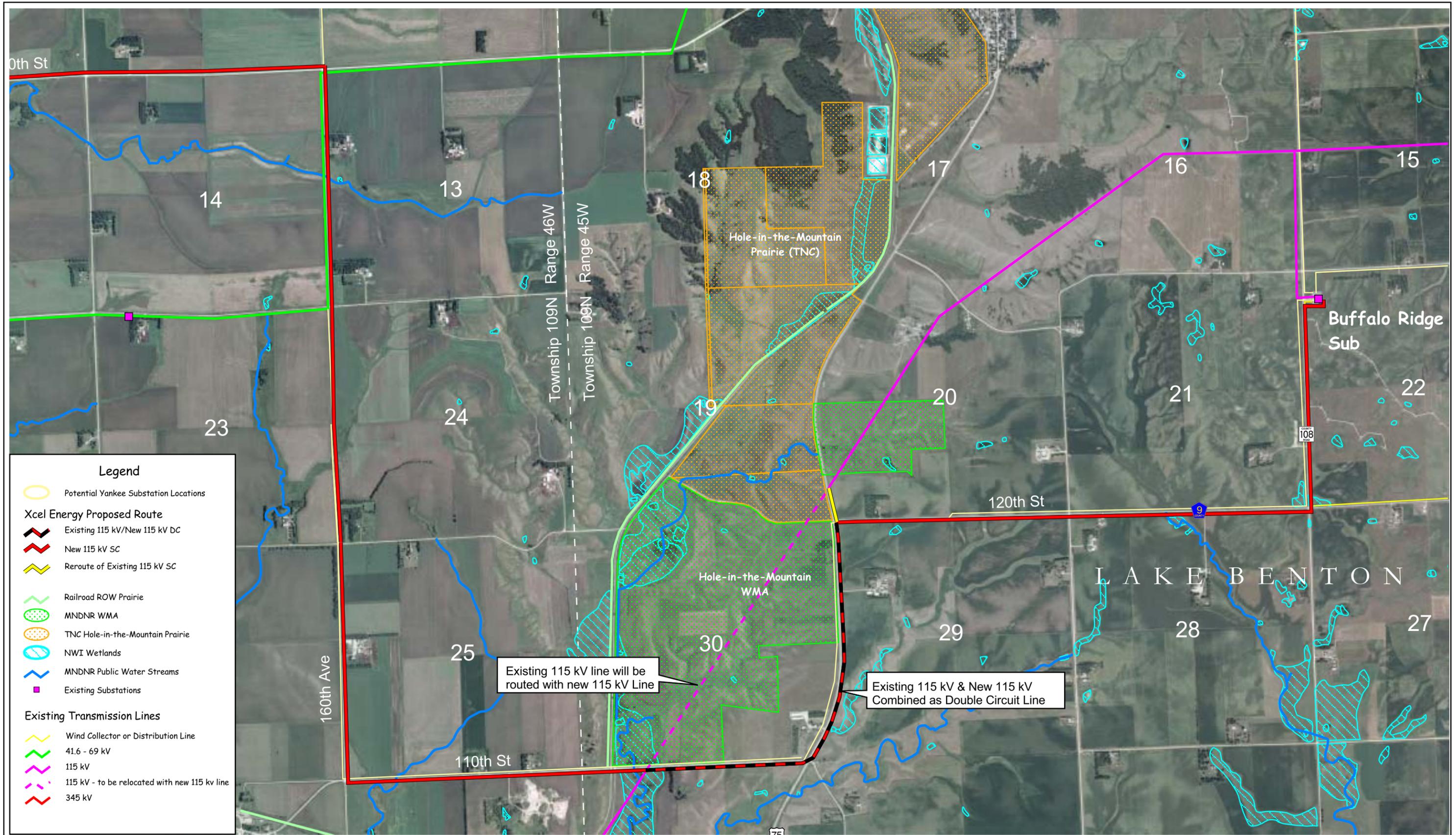
- APP. C.2
- Detailed Map Extents
- Potential Yankee Substation Locations
- Xcel Proposed Route
- Existing Substations

Existing Transmission Lines

- Less than 69 kV
- 69 kV
- 115 kV
- 115 kV - to be relocated with new 115 kv line
- 345 kV



Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects

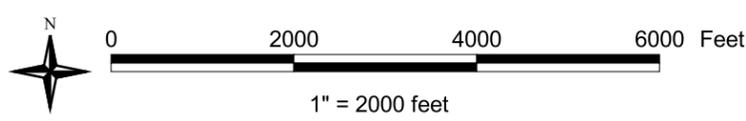


Legend

- Potential Yankee Substation Locations
- Xcel Energy Proposed Route**
 - Existing 115 kV/New 115 kV DC
 - New 115 kV SC
 - Reroute of Existing 115 kV SC
 - Railroad ROW Prairie
 - MNDNR WMA
 - TNC Hole-in-the-Mountain Prairie
 - NWI Wetlands
 - MNDNR Public Water Streams
 - Existing Substations
- Existing Transmission Lines**
 - Wind Collector or Distribution Line
 - 41.6 - 69 kV
 - 115 kV
 - 115 kV - to be relocated with new 115 kv line
 - 345 kV

Existing 115 kV line will be routed with new 115 kV Line

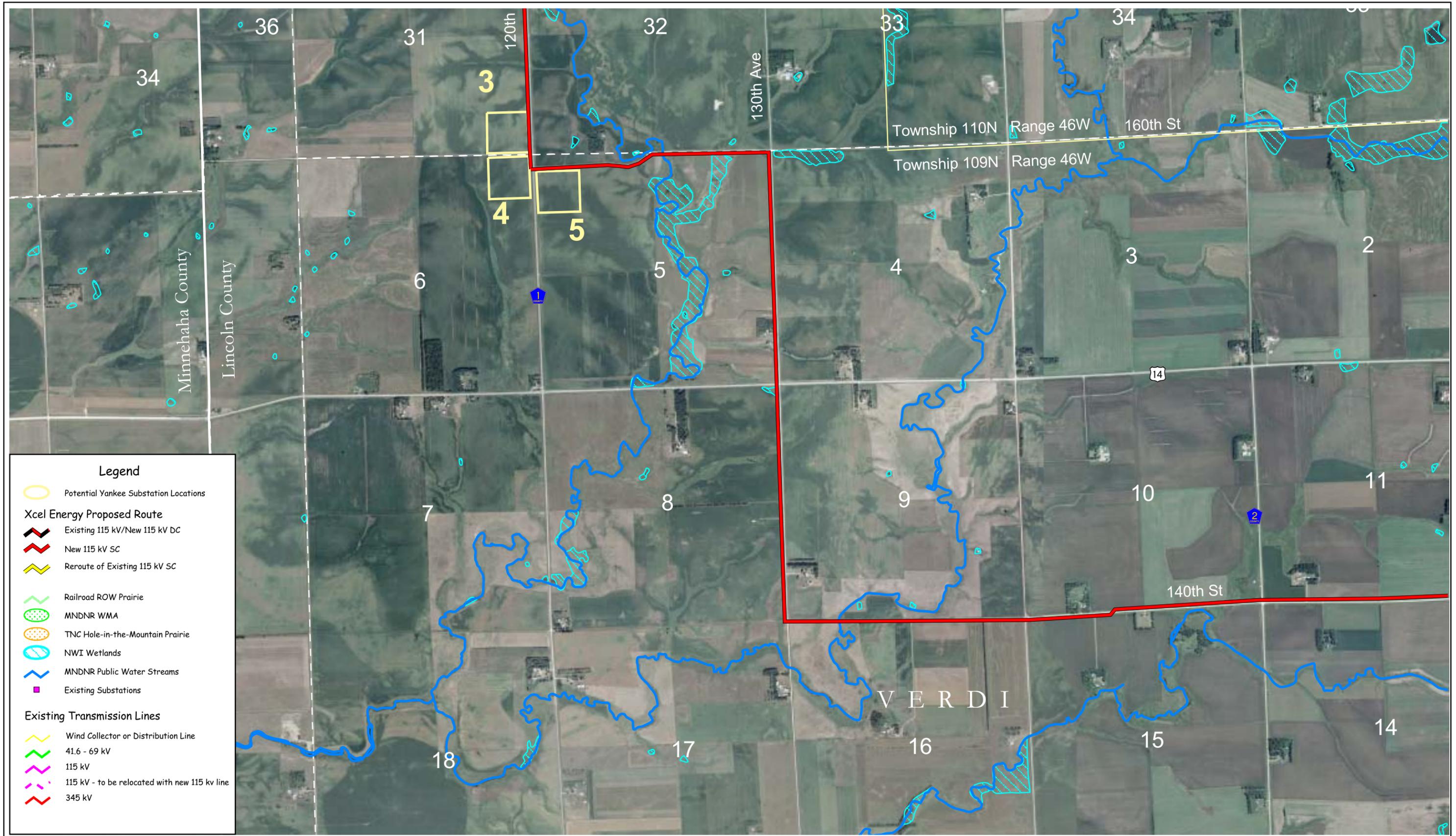
Existing 115 kV & New 115 kV Combined as Double Circuit Line



Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects

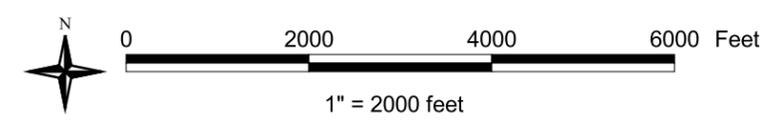
APPENDIX D.2
 DETAILED ROUTE MAP





Legend

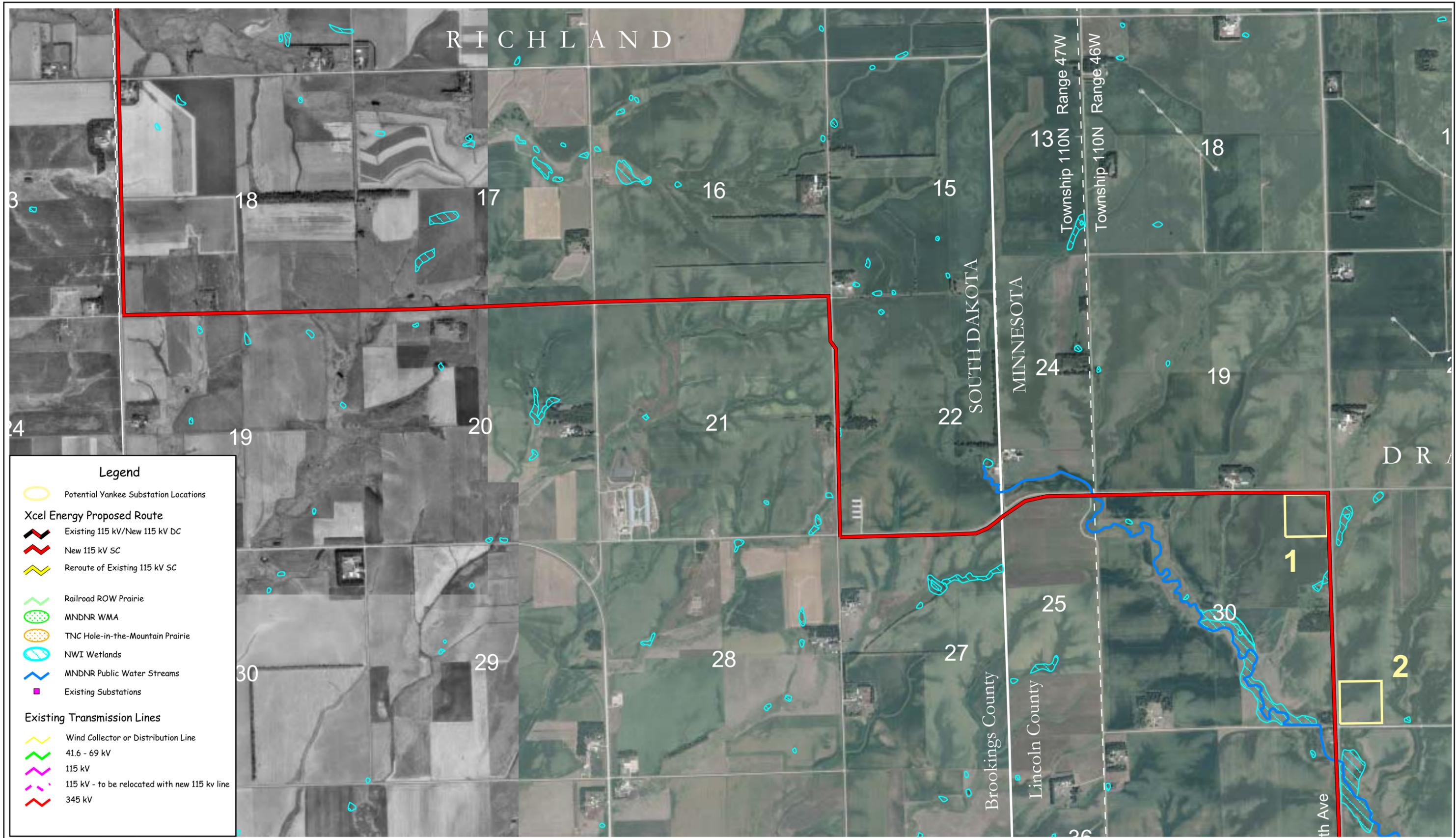
- Potential Yankee Substation Locations
- Xcel Energy Proposed Route**
 - Existing 115 kV/New 115 kV DC
 - New 115 kV SC
 - Reroute of Existing 115 kV SC
- Railroad ROW Prairie
- MNDNR WMA
- TNC Hole-in-the-Mountain Prairie
- NWI Wetlands
- MNDNR Public Water Streams
- Existing Substations
- Existing Transmission Lines**
 - Wind Collector or Distribution Line
 - 41.6 - 69 kV
 - 115 kV
 - 115 kV - to be relocated with new 115 kv line
 - 345 kV



Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects

APPENDIX D.3
 DETAILED ROUTE MAP



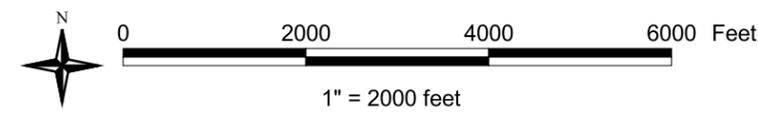


Legend

- Potential Yankee Substation Locations
- Xcel Energy Proposed Route**
 - Existing 115 kV/New 115 kV DC
 - New 115 kV SC
 - Reroute of Existing 115 kV SC
- Railroad ROW Prairie
- MNDNR WMA
- TNC Hole-in-the-Mountain Prairie
- NWI Wetlands
- MNDNR Public Water Streams
- Existing Substations

Existing Transmission Lines

- Wind Collector or Distribution Line
- 41.6 - 69 kV
- 115 kV
- 115 kV - to be relocated with new 115 kv line
- 345 kV



Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects

APPENDIX D.4
 DETAILED ROUTE MAP



SHERMAN

White Substation
(WAPA)

Township 111N Range 48W
Township 110N Range 48W

ALTON

RICHLAND

34

35

36

31

32

33

3

2

1

6

5

4

11

12

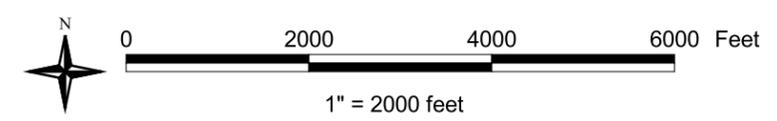
7

8

9

Legend

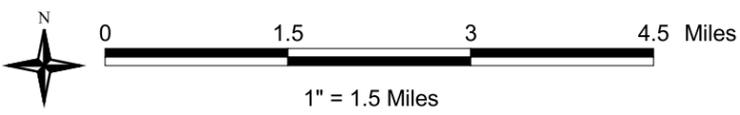
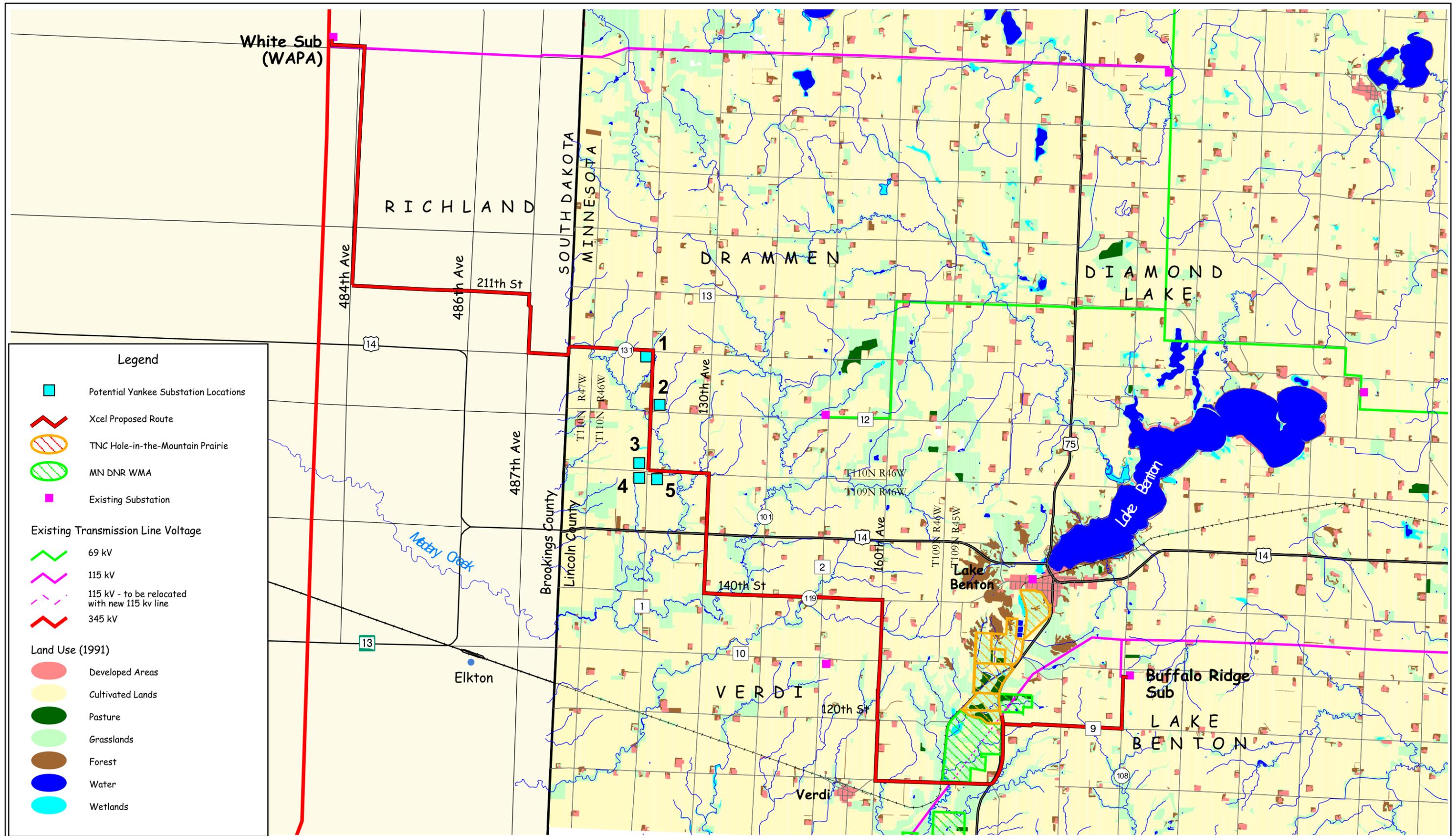
-  Potential Yankee Substation Locations
- Xcel Energy Proposed Route**
-  Existing 115 kV/New 115 kV DC
-  New 115 kV SC
-  Reroute of Existing 115 kV SC
-  Railroad ROW Prairie
-  MNDNR WMA
-  TNC Hole-in-the-Mountain Prairie
-  NWI Wetlands
-  MNDNR Public Water Streams
-  Existing Substations
- Existing Transmission Lines**
-  Wind Collector or Distribution Line
-  41.6 - 69 kV
-  115 kV
-  115 kV - to be relocated with new 115 kv line
-  345 kV



Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects

APPENDIX D.5
 DETAILED ROUTE MAP





Buffalo Ridge to White 115 kV Transmission Line
Xcel Energy
Windfarm Transmission Improvement Projects