

APPENDIX A

Route Permit Application Completeness Checklist

**HUNTLEY – WILMARTH PROJECT
ROUTE PERMIT APPLICATION
COMPLETENESS CHECKLIST**

Authority	Required Information	Location in Application
Minn. Stat. § 216E.03 – Project Notice		
Subd. 3a	At least 90 days before filing an application with the commission, the applicant shall provide notice to each local unit of government within which a route may be proposed. The notice must describe the proposed project and the opportunity for a preapplication consultation meeting with local units of government as provided in subdivision 3b.	Appendix B
Subd. 3b	Within 30 days of receiving a project notice, local units of government may request the applicant to hold a consultation meeting with local units of government. Upon receiving notice from a local unit of government requesting a preapplication consultation meeting, the applicant shall arrange the meeting at a location chosen by the local units of government. A single public meeting for which each local government unit requesting a meeting is given notice satisfies the meeting requirement of this subdivision.	§ 7.1; Appendix B
Minn. R. 7850.1900, Subp. 2 – Route Permit for a High Voltage Transmission Line (“HVTL”)		
A.	A statement of proposed ownership of the facility at the time of filing the Application and after commercial operation.	§ 1.1
B.	The precise name of any person or organization to be initially named as permittee or permittees and the name of any other person to whom the Route Permit may be transferred if transfer of the Route Permit is contemplated.	§ 1.2
C.	At least two proposed routes for the proposed HVTL and identification of the preferred route and the reasons for the preference. Note: Applicants’ description of their proposed routes complies with Minn. Stat. 216E.03, subd. 3 which states “Neither of the two proposed routes may be designated as a preferred route and all proposed routes must be numbered and designated as alternatives.”	§ 2.2 and Chapter 4
D.	A description of the proposed HVTL and all associated facilities, including the size and type of the HVTL.	Chapter 2 and Appendix D

E.	The environmental information required under Minn. Rules 7850.1900, Subp. 3.	Chapter 6 and Table 3.3.2-1
F.	Identification of land uses and environmental conditions along the proposed routes.	§ 6.1 and § 6.2
G.	The names of each owner whose property is within any of the proposed routes for the HVTL.	Appendix J
H.	United States Geological Survey (“USGS”) topographical maps or other maps acceptable to the Commission showing the entire length of the HVTL on all proposed routes.	Appendix C
I.	Identification of existing utility and public rights-of-way along or parallel to the proposed routes that have the potential to share right-of-way with the proposed HVTL.	§ 3.2, Table 3.3.2-1, Figure 3.2.2-1, and Appendix C
J.	The engineering and operational design concepts for the proposed HVTL, including information on the electric and magnetic fields of the HVTL.	Chapter 5
K.	Cost analysis of each route, including the costs of constructing, operating and maintaining the HVTL that are dependent on design and route.	§ 2.9 and § 5.4
L.	A description of possible design options to accommodate expansion of the HVTL in the future.	§ 2.10
M.	The procedures and practices proposed for the acquisition and restoration of the right-of-way and for construction and maintenance of the HVTL.	Chapter 5
N.	A listing and brief description of federal, state and local permits that may be required for the proposed HVTL.	Chapter 8 and Table 8.0-1
O.	A copy of the Certificate of Need or the certified HVTL list containing the proposed HVTL or documentation that an application for a Certificate of Need has been submitted or is not required.	§ 1.3
Minn. R. 7850.1900, Subp. 3 – Environmental Information		
A.	A description of the environmental setting for each site or route.	§ 6.1

B.	A description of the effects of construction and operation of the facility on human settlement, including, but not limited to, public health and safety, displacement, noise, aesthetics, socioeconomic impacts, cultural values, recreation and public services.	Table 3.3.2-1 and § 6.5
C.	A description of the effects of the facility on land-based economies, including, but not limited to, agriculture, forestry, tourism, and mining.	Table 3.3.2-1 and § 6.6
D.	A description of the effects of the facility on archaeological and historic resources.	Table 3.3.2-1 and § 6.7
E.	A description of the effects of the facility on the natural environment, including effects on air and water quality resources and flora and fauna.	Table 3.3.2-1 and § 6.8
F.	A description of the effects of the facility on rare and unique natural resources.	Table 3.3.2-1 and § 6.9
G.	Identification of human and natural environmental effects that cannot be avoided if the facility is approved at a specific site or route.	Table 3.3.2-1 and Chapter 6
H.	A description of measures that might be implemented to mitigate the potential human and environmental impacts identified in items A to G and the estimated costs of such mitigation measures.	Table 3.3.2-1 and Chapters 5, 6, and 7

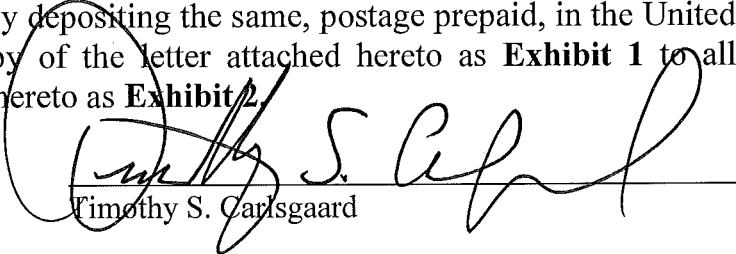
APPENDIX B

90-Day Preapplication Letter to Local Units of Government and Affidavits of Mailing

AFFIDAVIT OF MAILING

STATE OF MINNESOTA)
)
COUNTY OF HENNEPIN)

I, Timothy S. Carlsgaard, hereby certify that on the 12th day of May, 2017 I directed to be sent via U.S. Mail, by depositing the same, postage prepaid, in the United States mail, a true and correct copy of the letter attached hereto as **Exhibit 1** to all persons on the mailing list attached hereto as **Exhibit 2**.


Timothy S. Carlsgaard

Subscribed and sworn to before me
this 11 day of December, 2017.


Notary Public



EXHIBIT 1



901 Marquette Avenue, Suite 1950, Minneapolis, MN 55402
612.332.2511, itctransco.com

414 Nicollet Mall, Minneapolis, MN 55401
Toll free 800.895.4999, xcelenergy.com

May 12, 2017

Re: Huntley-Wilmarth 345 kilovolt (kV) transmission line

Dear Administrator,

Xcel Energy and ITC Midwest are proposing a new 40-50 mile 345 kV transmission line between the Xcel Energy's Wilmarth Substation north of Mankato and ITC Midwest's Huntley Substation, currently under construction south of Winnebago. The project is needed to reduce congestion on the transmission grid in southern Minnesota and northern Iowa that is inhibiting low-cost electricity from generation facilities, including wind farms in the area, from reaching customers. By mitigating this congestion and strengthening the regional transmission system, the project will provide economic benefits by enabling the more low-cost electric generation to reach customers in the region. The project was approved by Midcontinent Independent Transmission System Operator (MISO) in December 2016 and the two companies have been authorized to seek regulatory approvals to build the line.

Xcel Energy and ITC Midwest are currently developing potential routes for the proposed transmission line to connect the Huntley and Wilmarth substations. To gather landowner and stakeholder feedback, we plan to hold public open houses on the project in June. The open houses will provide us an opportunity to present preliminary route options, obtain feedback and answer questions on the Project. We expect to file regulatory applications for the project with the Minnesota Public Utilities Commission in late 2017. Two major approvals must be obtained from the Commission before a high voltage transmission line like the proposed Project can be built: a Certificate of Need and a Route Permit. In the Certificate of Need proceeding, the Commission determines whether the project is needed and the appropriate size, configuration, and timing.. If the Commission determines that the project is needed, the Commission will then determine the route for the proposed project. There are multiple opportunities for stakeholder and public input in both of these proceedings.

We would appreciate an opportunity to update your board about the project and discuss any questions you may have. We'd also be happy to discuss the right-of-way acquisition and construction process. To schedule a briefing, please contact Xcel Energy's area community relations manager, Trisha Rosenfeld at (507) 387-9633 or trisha.a.rosenfeld@xcelenergy.com.

Tom Hillstrom
Routing Lead
Xcel Energy

Lori Broghammer
Local Government and Community Affairs Area Manager
ITC Midwest

EXHIBIT 2

Huntley - Wilmarth 345kV Transmission Project Townships and Cities in Study Area

Township	County	Clerk	Address	City	State	Zip Code
Beauford Township	Blue Earth	Kim Krengel	57236 148th Street	Good Thunder	MN	56037
Butternut Valley Township	Blue Earth	Adam Jones	49492 200th Street	Lake Crystal	MN	56055
Cambria Township	Blue Earth	Brenda Thorson	116 Main Street	New Ulm	MN	56073
Caresco Township	Blue Earth	Tammy Sonnabend	49588 145th Street	Vernon Center	MN	56090
Danville Township	Blue Earth	Laurie Stenzel	61383 129th Street	Mapleton	MN	56065
Decoria Township	Blue Earth	Valeria Levos	19035 Kodiak Lane	Mankato	MN	56001
Garden City Township	Blue Earth	Liz Thiesse	PO Box 296	Lake Crystal	MN	56055
Jamestown Township	Blue Earth	James Anderson	60392 239th Street	Madison Lake	MN	56063
Judson Township	Blue Earth	Jeff Davis	50683 207th Street	Lake Crystal	MN	56055
Le Ray Township	Blue Earth	Karyn Block	61093 200th Street	Eagle Lake	MN	56024
Lime Township	Blue Earth	Laurie DeGezelle	205 Pheasant Court	Mankato	MN	56001
Lincoln Township	Blue Earth	Tammy Petterson	18858 484th Avenue	Lake Crystal	MN	56055
Lyra Township	Blue Earth	Sandra Miller	13474 560th Avenue	Mapleton	MN	56065
Mankato Township	Blue Earth	Dan Fogal	18727 Ridge Drive	Mankato	MN	56001
Mapleton Township	Blue Earth	Gail Jaeger	11498 587th Lane	Mapleton	MN	56065
McPherson Township	Blue Earth	Lynda Kruse	16754 605th Avenue	Janesville	MN	56048
Medo Township	Blue Earth	Sheryl Olson	13402 618th Avenue	Mapleton	MN	56065
Pleasant Mound Township	Blue Earth	Dennis Urban	48254 105th Street	Amboy	MN	56010
Rapidan Township	Blue Earth	Maria Bartsch	55173 190th Street	Mankato	MN	56001
Shelby Township	Blue Earth	John Mack	12682 514th Avenue	Amboy	MN	56010
South Bend Township	Blue Earth	Jamie Malvin	306 South McKinzie Street	Mankato	MN	56001
Sterling Township	Blue Earth	Judy Conrad	56199 111th Lane	Amboy	MN	56010
Vernon Center Township	Blue Earth	Janice Roelofs	78 Cree Point Drive	Mankato	MN	56001
Barber Township	Faribault	Charles Cory	14338 470th Avenue	Easton	MN	56025
Delavan Township	Faribault	Martha Bleess	41058 200th Street	Delavan	MN	56023
Lura Township	Faribault	Marie Schrader	20122 480th Avenue	Easton	MN	56025
Minnesota Lake Township	Faribault	Scott Radke	52203 217th Street	Minnesota Lake	MN	56068
Prescott Township	Faribault	Jan Rauenhorst	16233 405th Avenue	Delavan	MN	56023
Verona Township	Faribault	Nina Patten	16868 340th Avenue	Winnebago	MN	56098
Walnut Lake Township	Faribault	Amber Hubbard	51481 145th Street	Wells	MN	56097

EXHIBIT 2

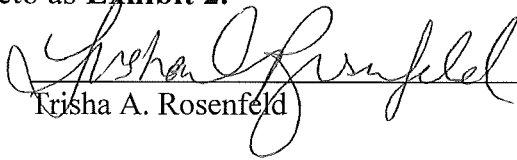
Winnebago City Township	Faribault	Deb Claeys	344 Timberwolf Lane	Winnebago	MN	56098
Center Creek Township	Martin	Kim Shoemaker	2849 150th Street	Granada	MN	56039
Nashville Township	Martin	Mary Tomlinson	2528 220th Street	Truman	MN	56088
Belgrade Township	Nicollet	Lori Cullen	38310 490th Street	St Peter	MN	56082
Courtland Township	Nicollet	Tim Harmening	43370 541st Avenue	Courtland	MN	56021
Nicollet Township	Nicollet	Eileen Darling	44464 478h Street	Nicollet	MN	56074

City	County	Adminstrator	Address	Ctiy	State	Zipcode
City of North Mankato	Nicollet	John Harrenstein	PO Box 2055	North Mankato	MN	56003
City of Amboy	Blue Earth	Patty Smith	PO Box 250	Amboy	MN	56010
City of Eagle Lake	Blue Earth	Brad Potter	PO Box 159	Eagle Lake	MN	56024
City of Good Thunder	Blue Earth	Heather Lowe	PO Box 97	Good Thunder	MN	56037
City of Lake Crystal	Blue Earth	Taylor Gronau	PO Box 86	Lake Crystal	MN	56055
City of Mankato	Blue Earth	Patrick Hentges	PO Box 3368	Mankato	MN	56002
City of Mapleton	Blue Earth	Patty Woodruff	PO Box 366	Mapleton	MN	56065
City of Minnesota Lake	Blue Earth	Dawn Whitehead	PO Box 98	Minnesota Lake	MN	56068
City of Pemberton	Blue Earth	Darla Ward	141 Fourth Street	Pemberton	MN	56078
City of St Clair	Blue Earth	Catherine Seys	PO Box 97	St. Clair	MN	56080
City of Skyline	Blue Earth	Cathy Dahl	164 S Skyline Drive	Mankato	MN	56001
City of Vernon Center	Blue Earth	Patricia Krosch	PO Box 385	Vernon Center	MN	56090
City of Delavan	Faribault	Trudy Anderson	PO Box 136	Delavan	MN	56023
City of Easton	Faribault	Rose Doyle	51 Main Street	Easton	MN	56025
City of Winnebago	Faribault	Chris Ziegler	PO Box 35	Winnebago	MN	56098

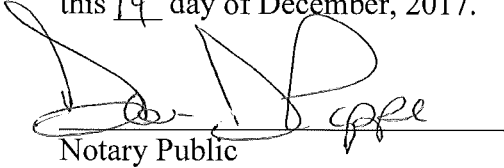
AFFIDAVIT OF MAILING

STATE OF MINNESOTA)
)
COUNTY OF HENNEPIN)

I, Trisha A. Rosenfeld, hereby certify that on the 30th day of May, 2017 I directed to be sent via email a true and correct copy of the letter attached hereto as **Exhibit 1** to all persons on the mailing list attached hereto as **Exhibit 2**.


Trisha A. Rosenfeld

Subscribed and sworn to before me
this 14 day of December, 2017.


Notary Public

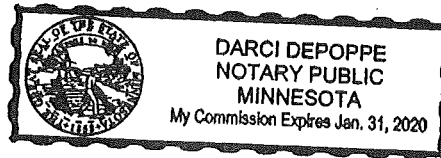


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Routing Lead
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Lori Broghammer
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ITC Midwest

EXHIBIT 2

Emailed mailer on 5/30/2017

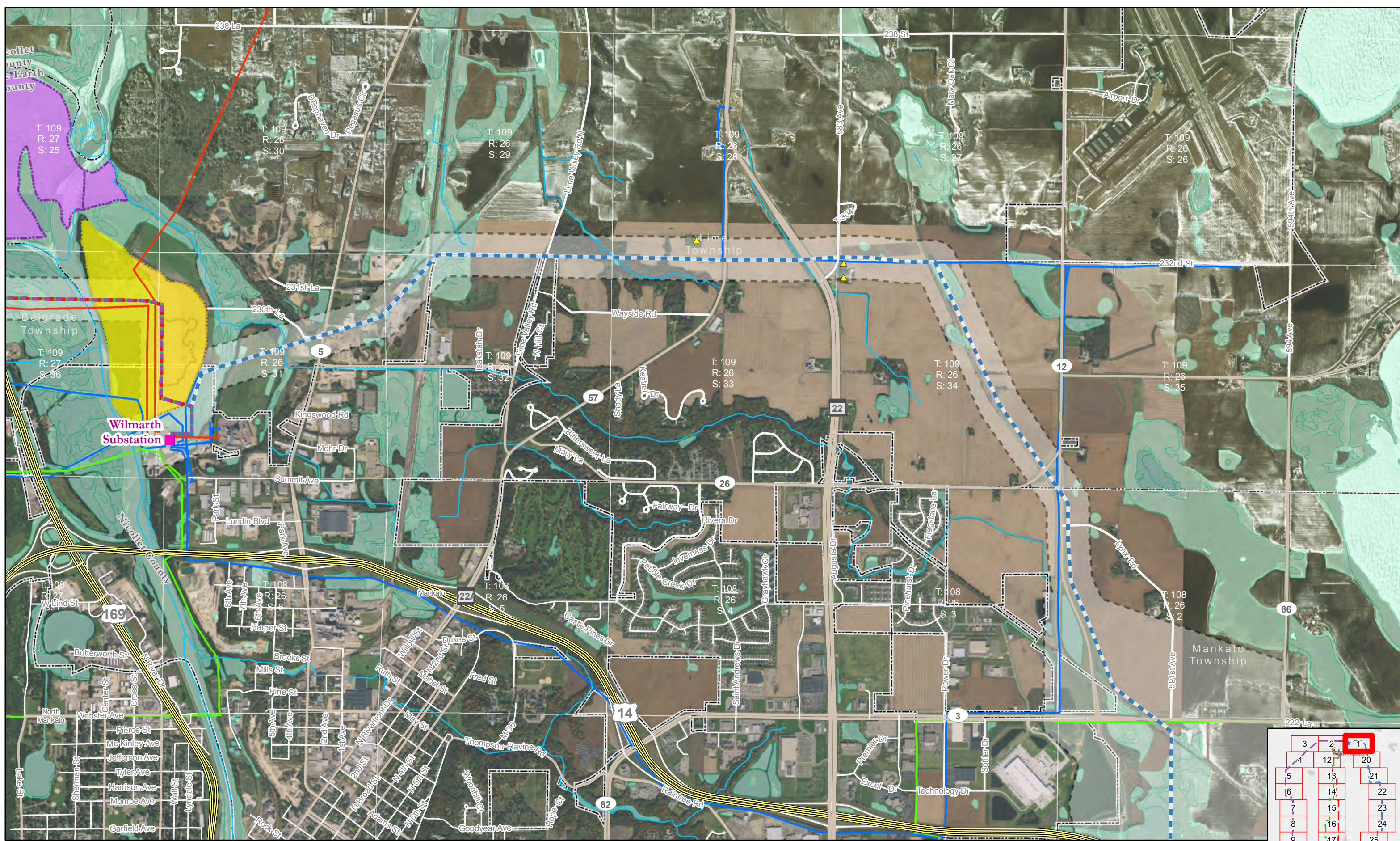
City/Organization	Name	Title	Address	Suite	City	State	Zip code	Phone	Email	Notes
City of North Mankato	John Harrenstein	Administrator	1001 Belgrade Avenue	PO Box 2055	North Mankato	MN	56003	507-625-4141	johnharrenstein@northmankato.com	
City of North Mankato	Michael Fischer	Community Development Director	1001 Belgrade Avenue	PO Box 2055	North Mankato	MN	56003	507-625-4141	michaelfischer@northmankato.com	
City of North Mankato	Mark Dehen	Mayor	1706 LorRay Drive		North Mankato	MN	56003	507-345-7614	markdehen@northmankato.com	
City of Mankato	Patrick Hentges	Manager	10 Civic Center Plaza	PO Box 3368	Mankato	MN	56002	507-387-8695	phentges@mankatomn.gov	
City of Mankato	Paul Vogel	Community Development Director	10 Civic Center Plaza	PO Box 3368	Mankato	MN	56002	507-387-8695	pvogel@mankatomn.gov	
City of Mankato	Eric Anderson	Mayor	10 Civic Center Plaza		Mankato	MN	56001	507-387-8693	eanderson@mankatomn.gov	
Nicollet County	Marie Dranttel	Commission Chair	201 South Minnesota Avenue		St. Peter	MN	56082		dranttel@hickorytech.net	
Nicollet County	Seth Greenwood	Engineer	201 South Minnesota Avenue		St. Peter	MN	56082		Seth.Greenwood@co.nicollet.mn.us	
Nicollet County	Mandy Landkamer	Property Services Director	201 South Minnesota Avenue		St. Peter	MN	56082	507-934-7074	Mandy.Landkamer@co.nicollet.mn.us	
Nicollet County	Ryan Krosch	Administrator	201 South Minnesota Avenue		St. Peter	MN	56082		rkrosch@co.nicollet.mn.us	
Blue Earth County	George Leary	Planner	410 S 5th Street/PO Box 3566		Mankato	MN	56002-3566	507-304-4381	George.Leary@blueearthcountymn.gov	
Blue Earth County	Scott Fichtner	Environmental Service Director	410 S 5th Street/PO Box 3566		Mankato	MN	56002-3566	507-304-4381	Scott.Fichtner@blueearthcountymn.gov	
Blue Earth County	Bob Meyer	Administrator	410 S 5th Street/PO Box 3566		Mankato	MN	56002-3566		Bob.Meyer@blueearthcountymn.gov	
Blue Earth County	Mark Piepho	Commission Chair	8 Skyline Drive		Mankato	MN	56001	507-387-4380	mark.piepho@blueearthcountymn.gov	

APPENDIX C

Detailed Route Maps and Land Use Maps

APPENDIX C1

Detailed Route Maps



Substation

Residence within 500 feet

Proposed Route

Proposed Alignment

Purple Route Alignment

Blue Route Alignment

Green Route Alignment

Alternative Segments

Existing Transmission

161 kV

345 kV

69 kV

115 kV

Wildlife Management Area

Waterfowl Production Area

Site of High Biodiversity Significance

Native Plant Community

NWI Wetlands

Stream

1 inch equals 2,000 feet

1:24,000

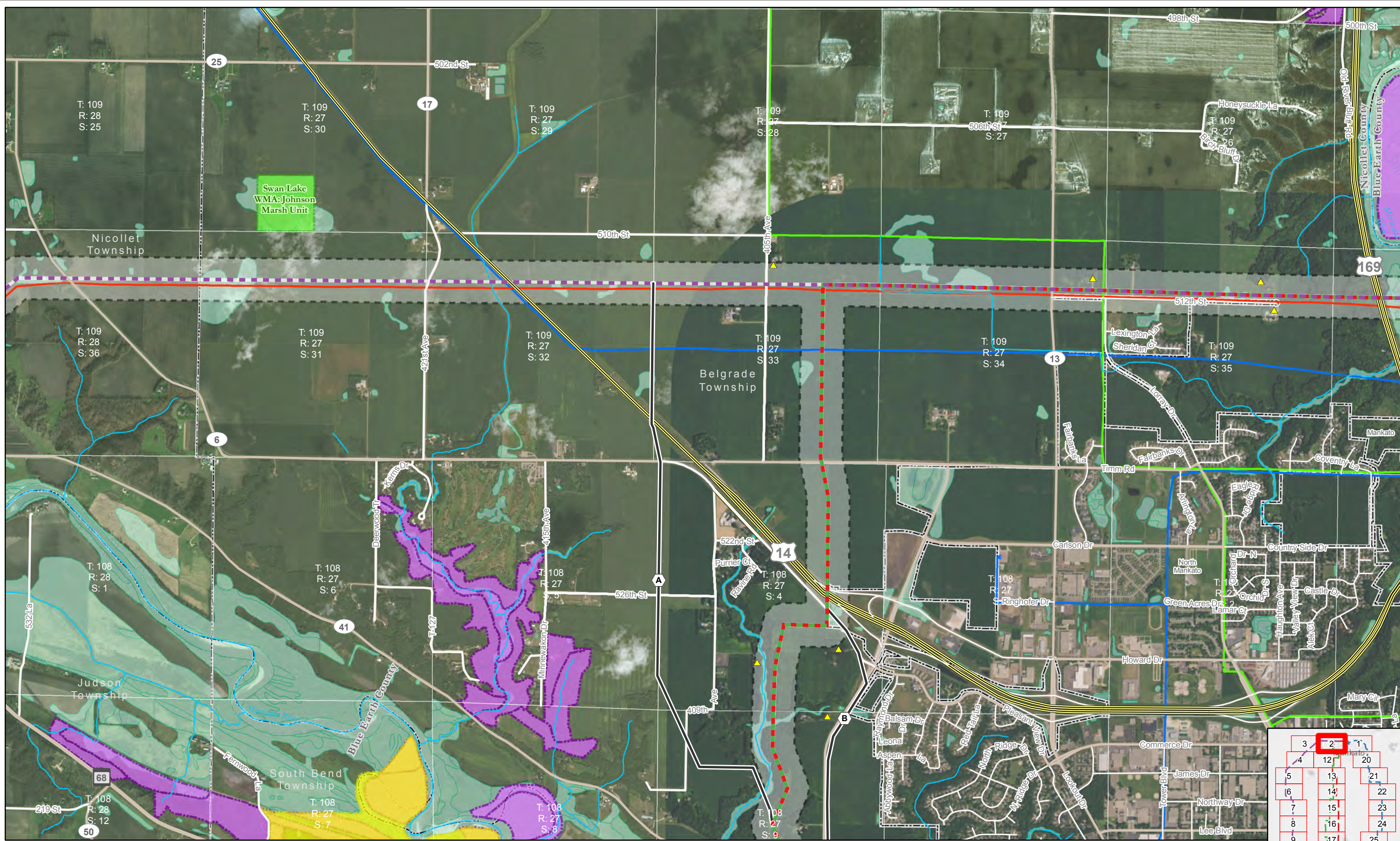
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Map 1

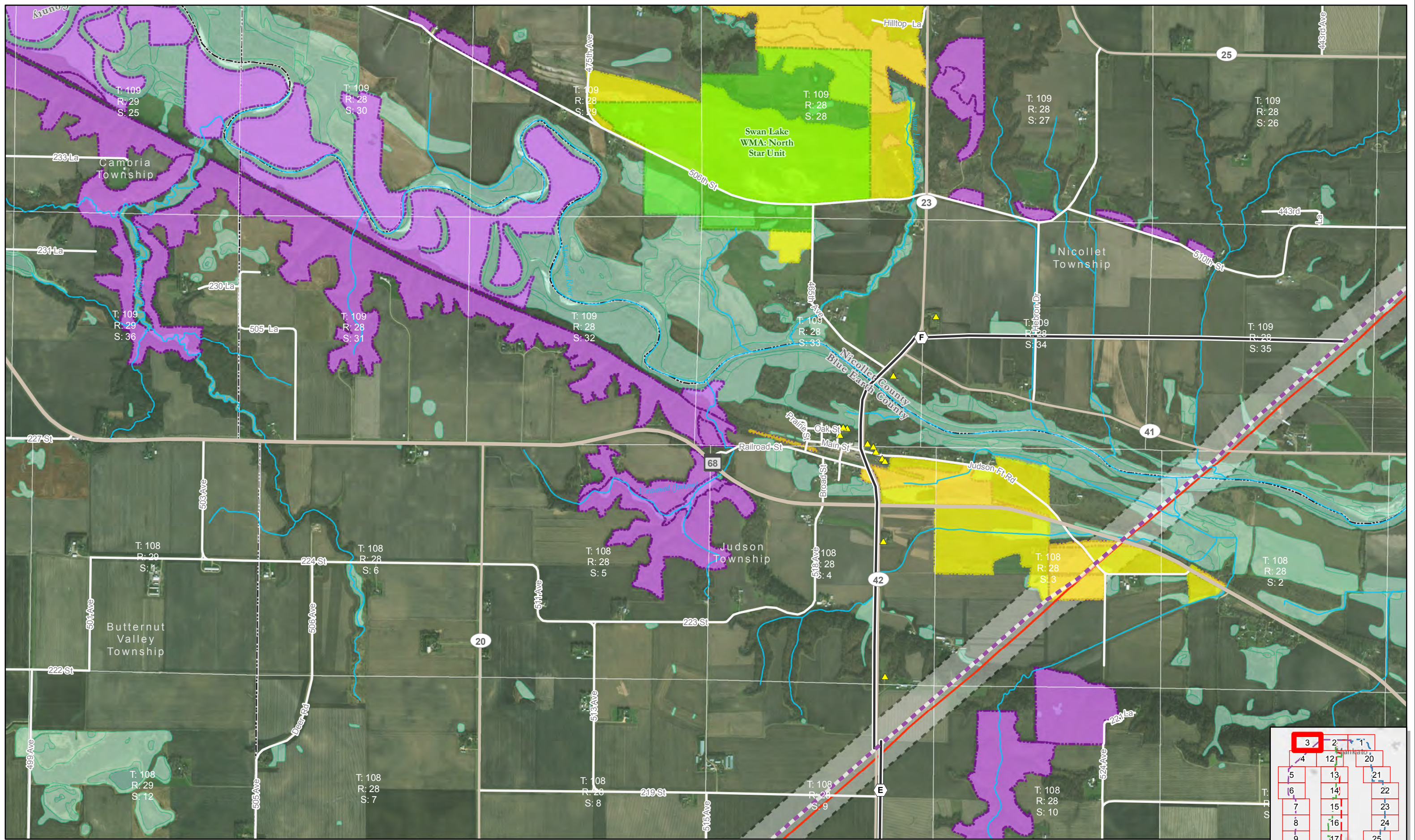
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9	17	25
10	18	26
11	19	27
30	29	28



Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
Residence within 500 feet	Purple Route Alignment	Blue Route Alignment	69 kV	345 kV	Waterfowl Production Area	NWI Wetlands
Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet
0 Miles 1

Map 2 **Xcel Energy**



Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
Residence within 500 feet	Purple Route Alignment	Blue Route Alignment	69 kV	345 kV	Waterfowl Production Area	NWI Wetlands
Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

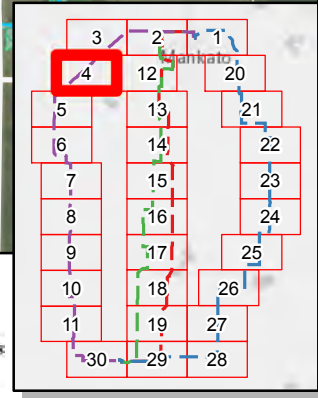
Map 3 **Xcel Energy**

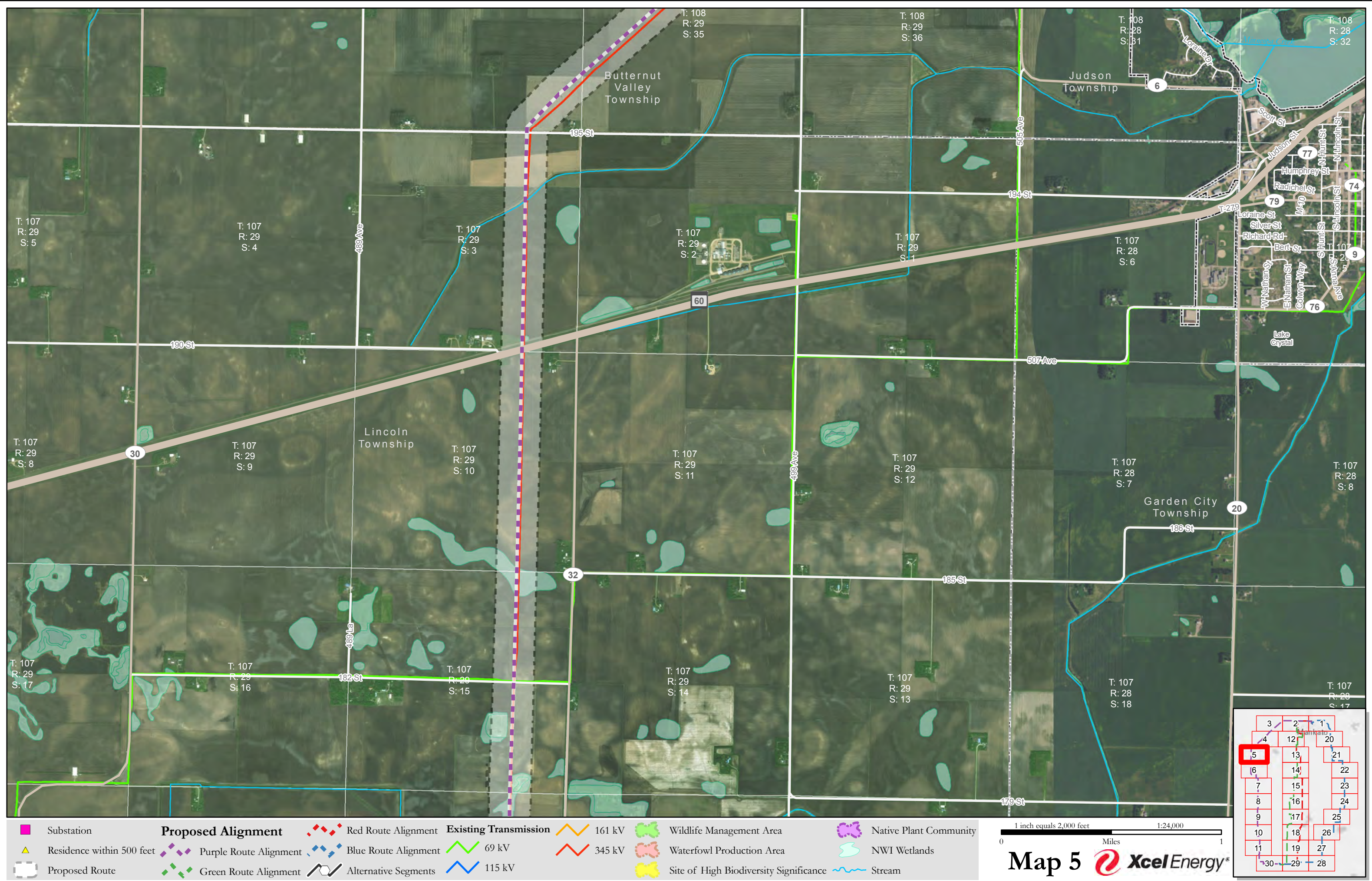


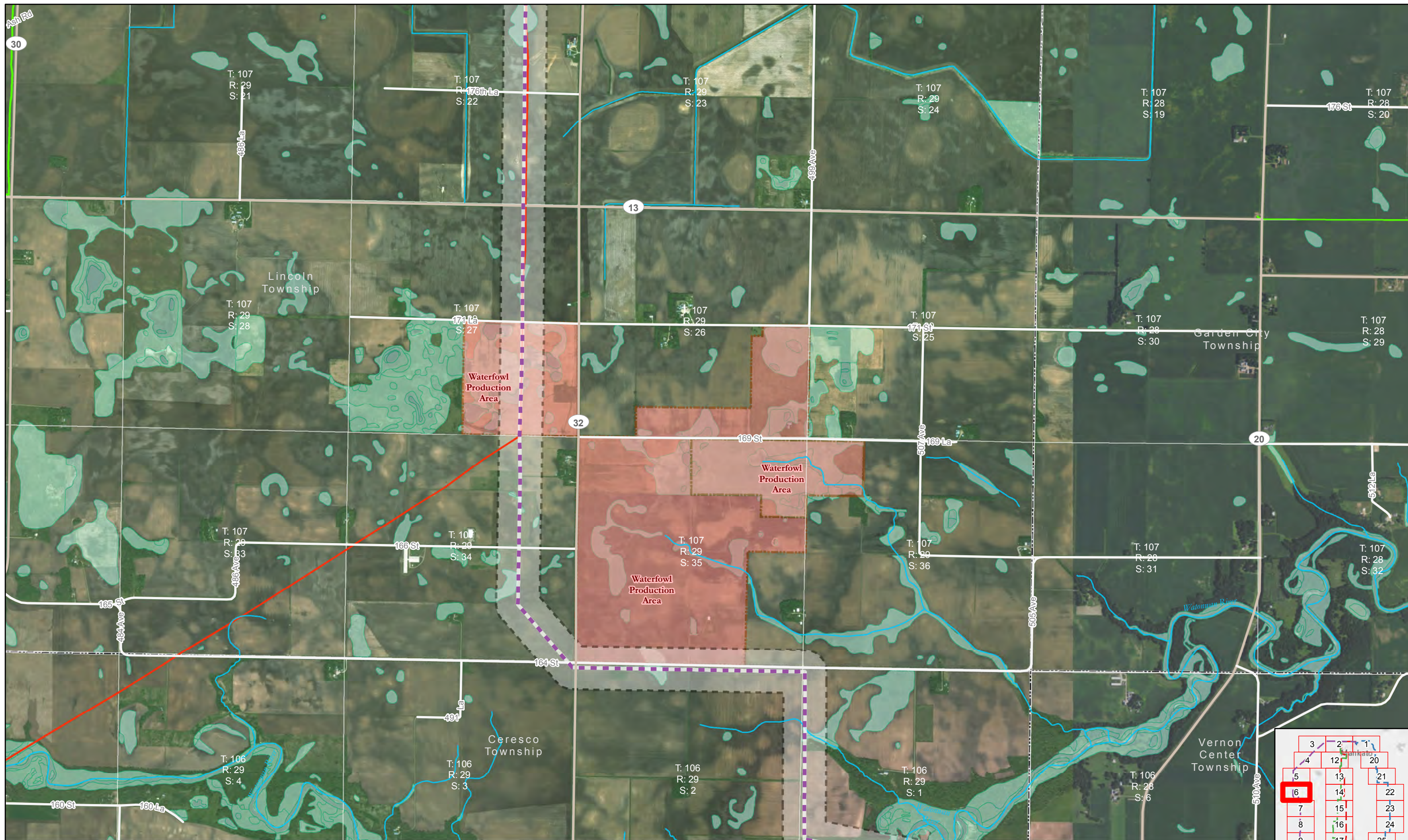
Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
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Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet
0 1 Miles
1:24,000

Map 4 **Xcel Energy**



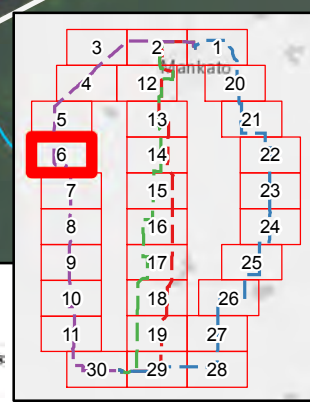




Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
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Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet
0 1 Miles
1:24,000

Map 6 **Xcel Energy**





Substation

Residence within 500 feet

Proposed Route

Proposed Alignment

Red Route Alignment

Purple Route Alignment

Blue Route Alignment

Green Route Alignment

Alternative Segments

Existing Transmission

161 kV

345 kV

69 kV

115 kV

Wildlife Management Area

Waterfowl Production Area

Site of High Biodiversity Significance

Native Plant Community

NWI Wetlands

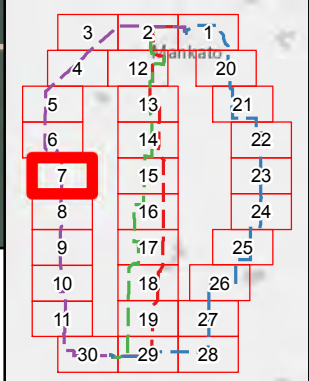
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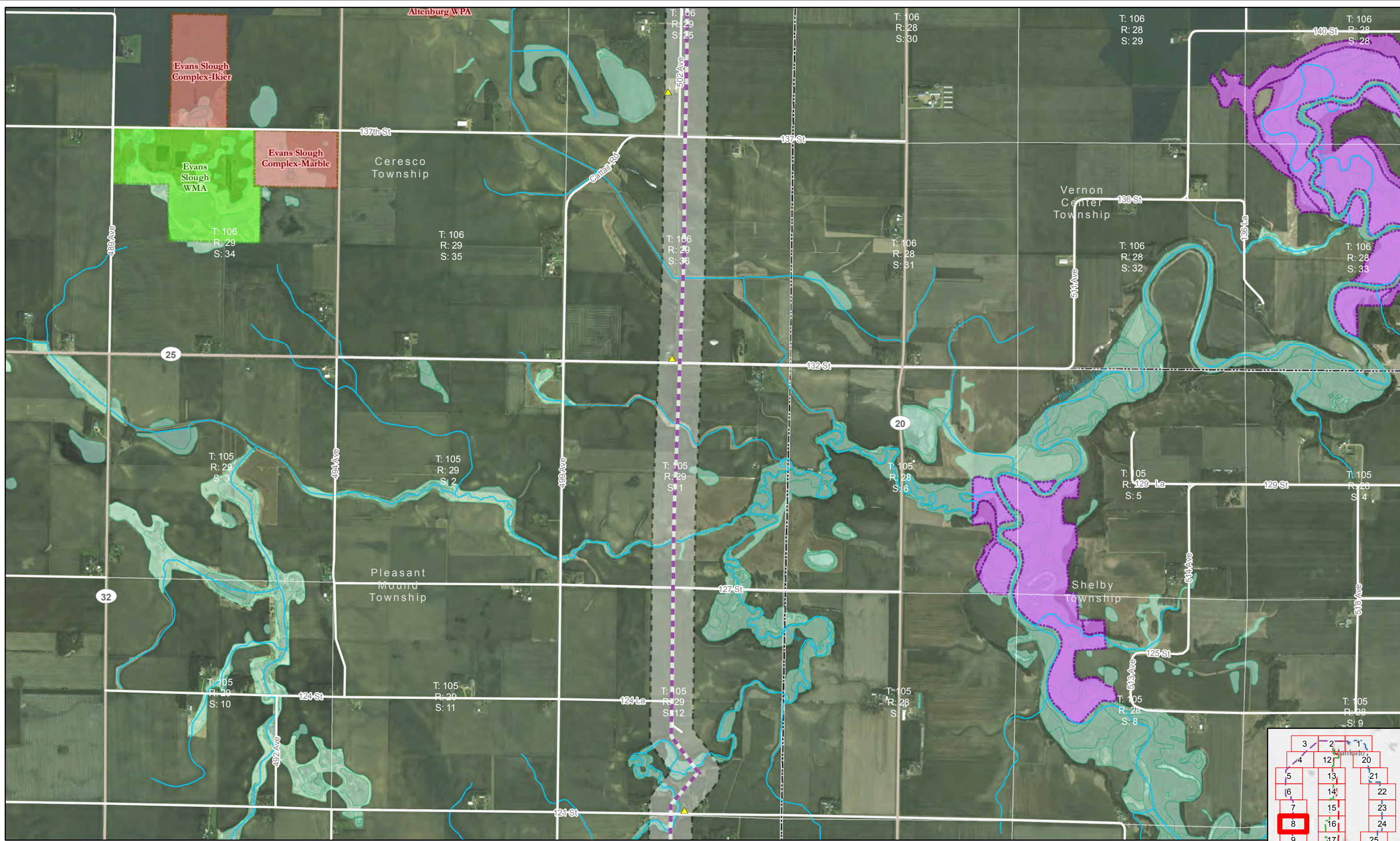
1 inch equals 2,000 feet

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0 Miles 1

Map 7





Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
Residence within 500 feet	Purple Route Alignment	Blue Route Alignment	69 kV	345 kV	Waterfowl Production Area	NWI Wetlands
Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet

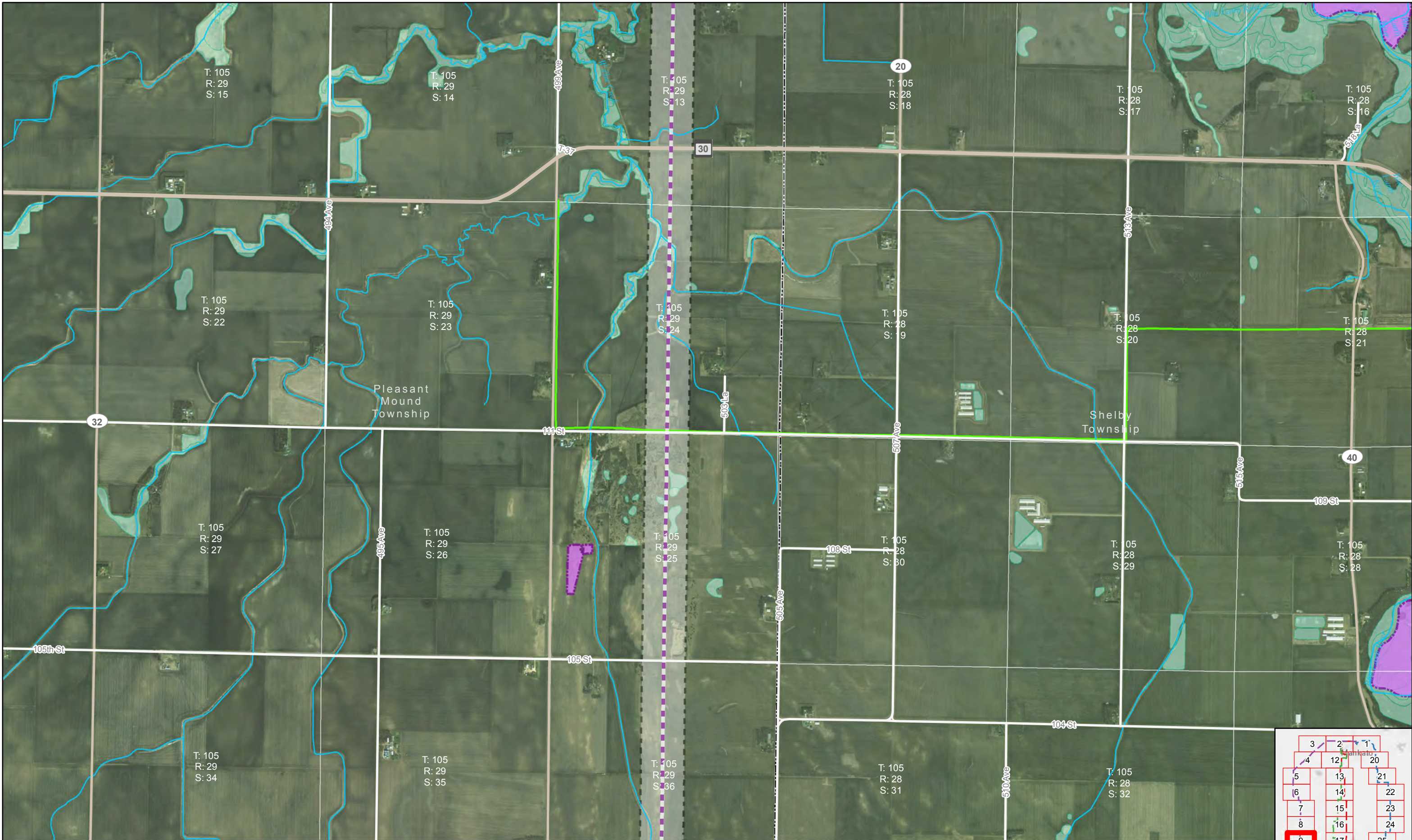
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0 Miles 1

Map 8

Xcel Energy

3	2	1
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5	13	21
6	14	22
7	15	23
8	16	24
9	17	25
10	18	26
11	19	27
30	29	28

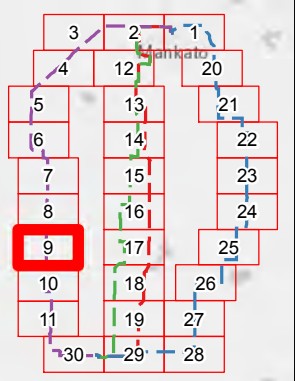


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Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet 1:24,000

0 Miles 1

Map 9





Substation

Residence within 500 feet

Proposed Route

Proposed Alignment

Purple Route Alignment

Green Route Alignment

Red Route Alignment

Blue Route Alignment

Alternative Segments

Existing Transmission

69 kV

115 kV

161 kV

345 kV

Wildlife Management Area

Waterfowl Production Area

Site of High Biodiversity Significance

Native Plant Community

NWI Wetlands

Stream

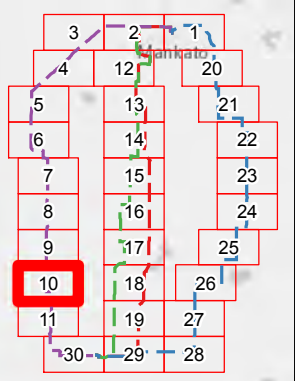
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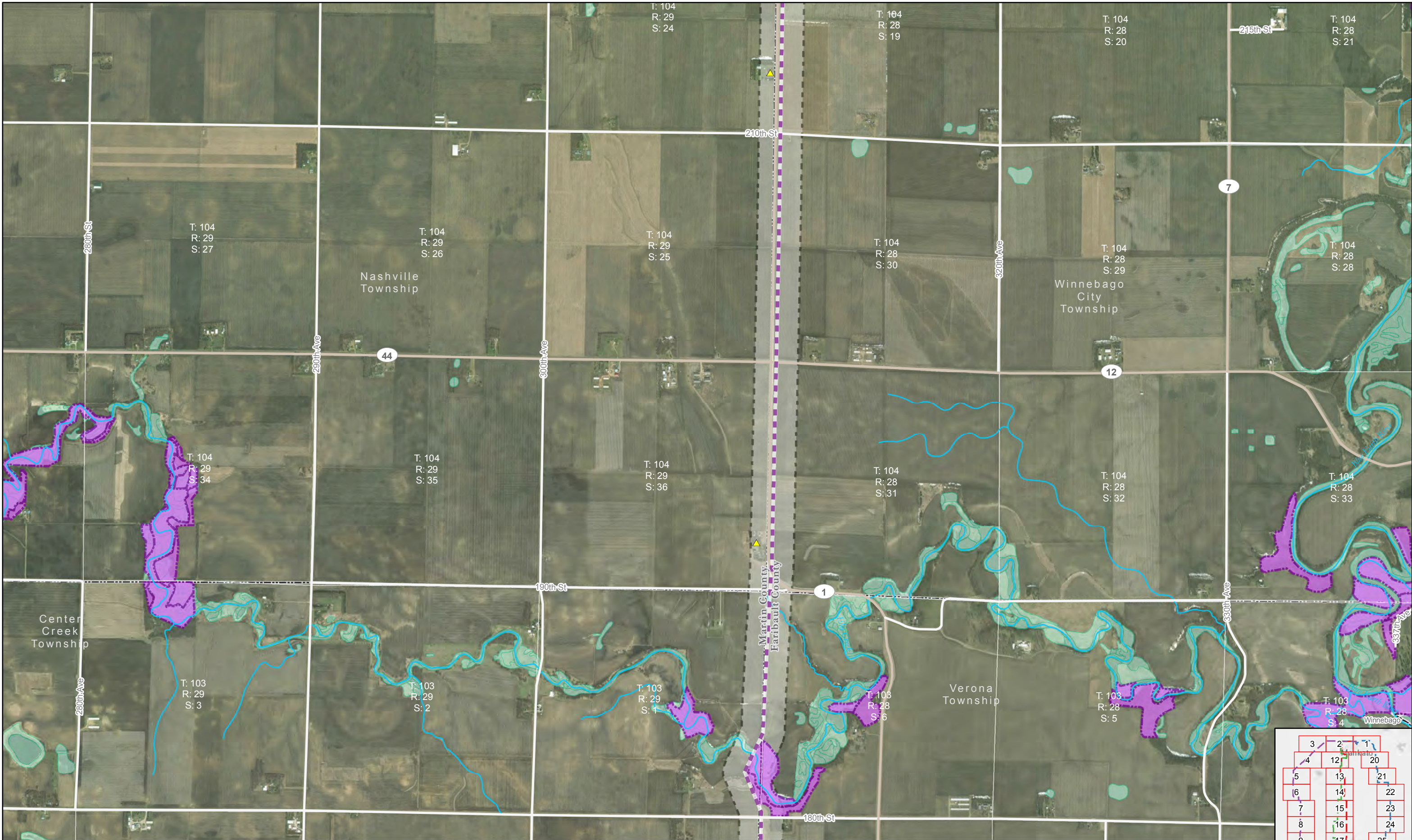
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0 Miles 1

Map 10

Xcel Energy





Substation

Residence within 500 feet

Proposed Route

Proposed Alignment

Red Route Alignment

Purple Route Alignment

Blue Route Alignment

Green Route Alignment

Alternative Segments

Existing Transmission

69 kV

115 kV

161 kV

345 kV

Wildlife Management Area

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Native Plant Community

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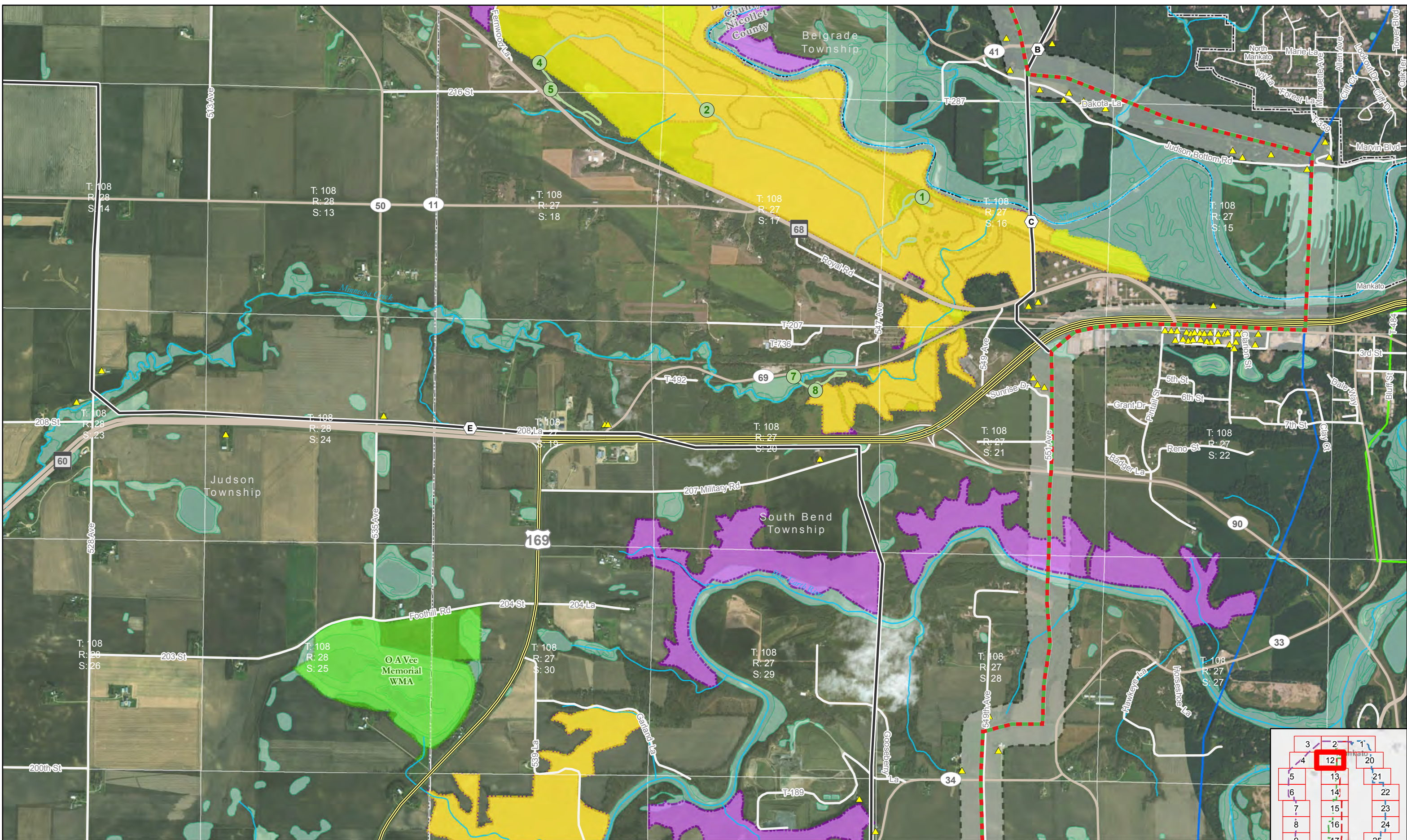
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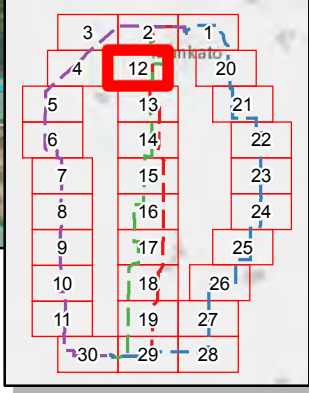
Map 11

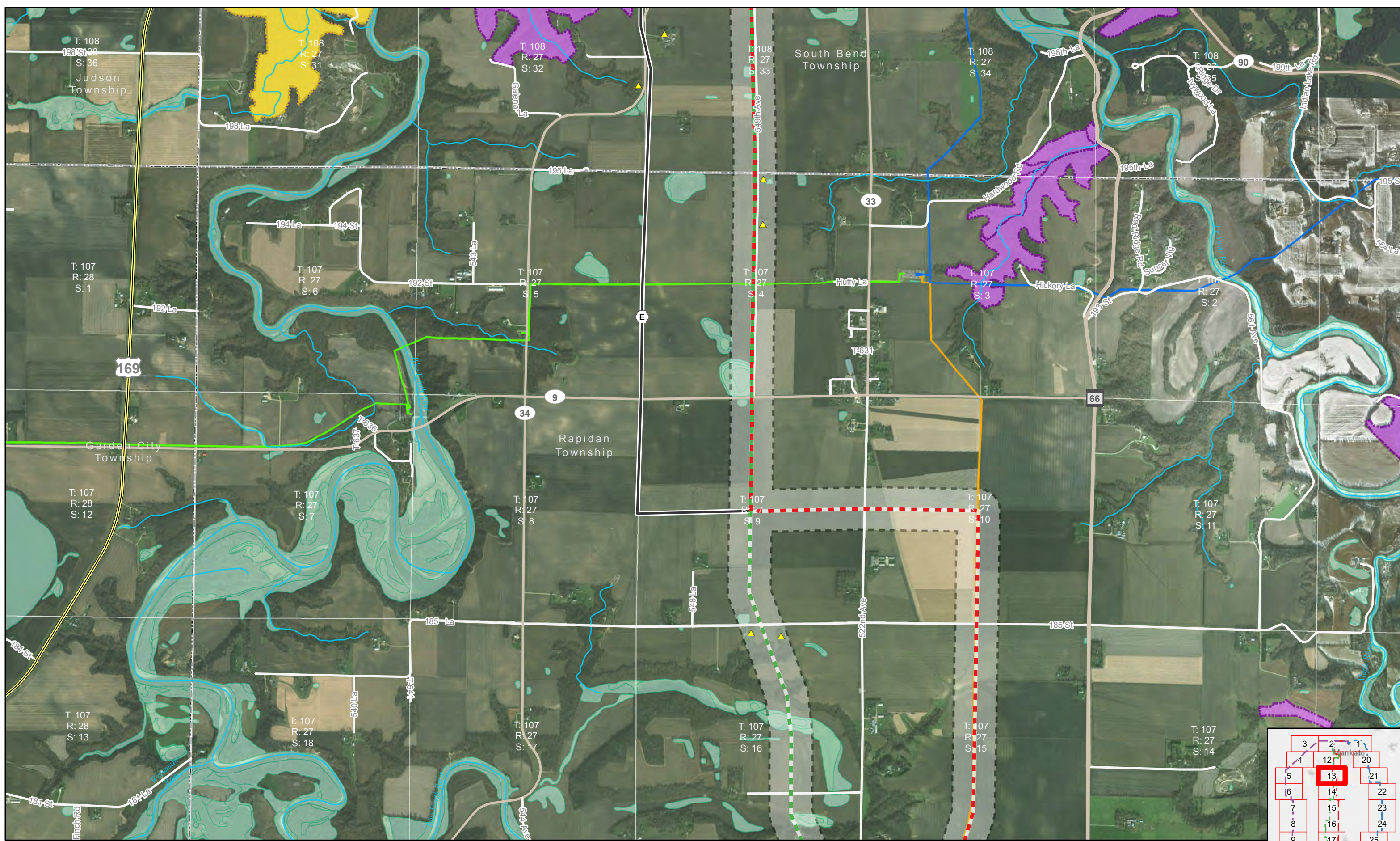


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Residence within 500 feet	Purple Route Alignment	Blue Route Alignment	69 kV	345 kV	Waterfowl Production Area	NWI Wetlands
Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet
0 1 Miles
1:24,000

Map 12 **Xcel Energy**





Substation	Proposed Alignment	Red Route Alignment	Existing Transmission	161 kV	Wildlife Management Area	Native Plant Community
Residence within 500 feet	Purple Route Alignment	Blue Route Alignment	69 kV	345 kV	Waterfowl Production Area	NWI Wetlands
Proposed Route	Green Route Alignment	Alternative Segments	115 kV	Site of High Biodiversity Significance	Stream	

1 inch equals 2,000 feet

1:24,000

0 Miles 1

Map 13 **Xcel Energy**

3	2	1
4	12	20
5	13	21
6	14	22
7	15	23
8	16	24
9	17	25
10	18	26
11	19	27
30	29	28