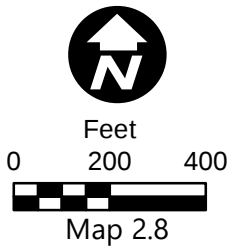


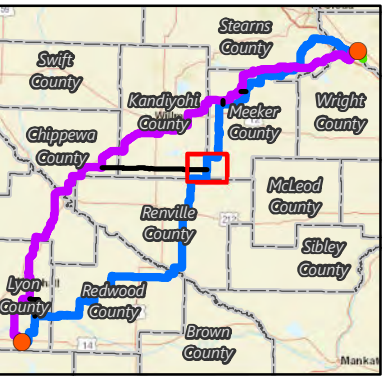
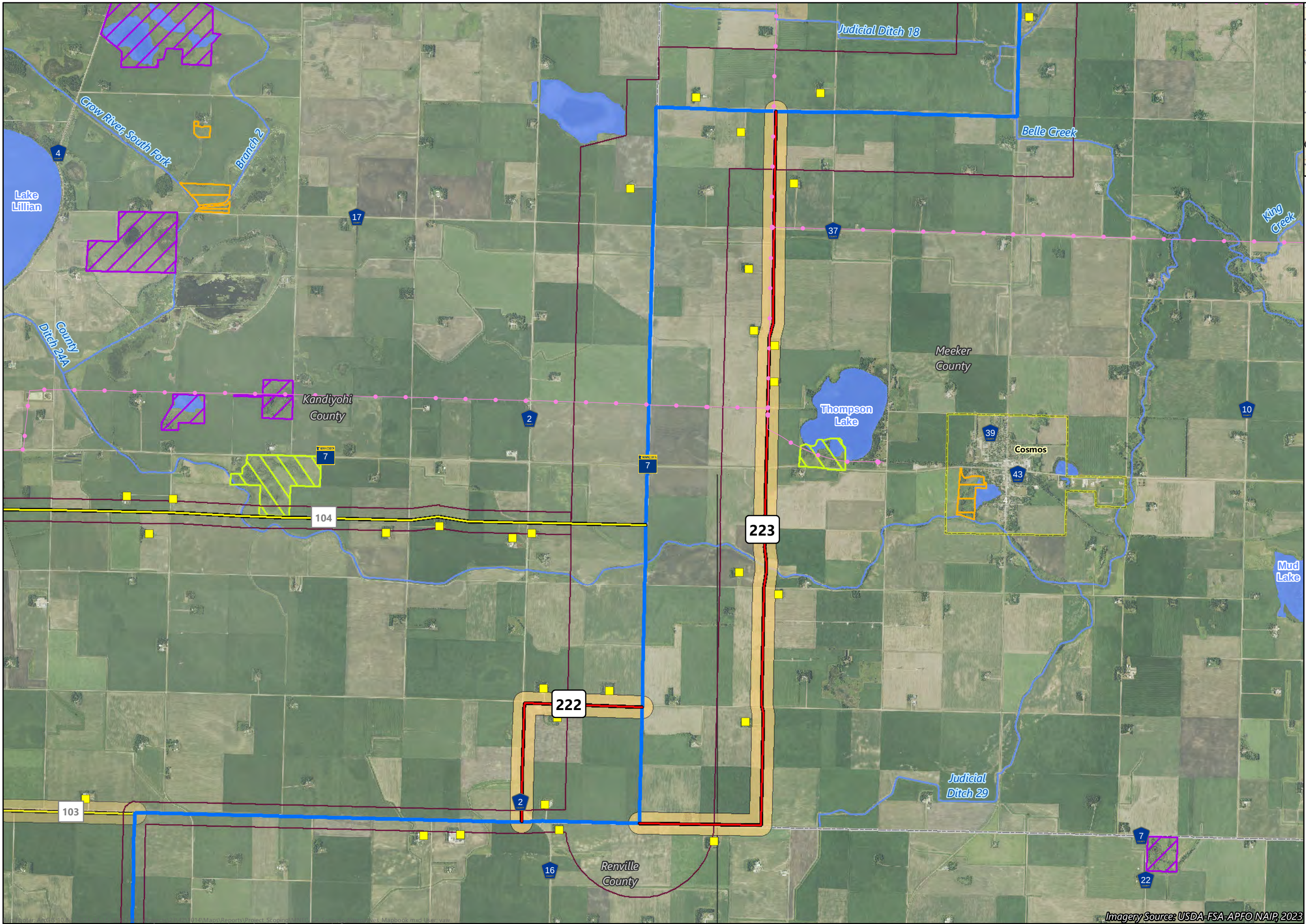


- Proposed Routes**
- Route Connector
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
- Owner Type**
- Local Land

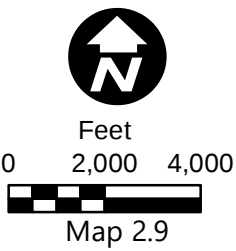


**ALIGNMENT ALTERNATIVE
AA2**
Scoping Alternatives
Minnesota Energy
Connection Project

Imagery Source: USDA-FSA-APFO NAIP, 2023

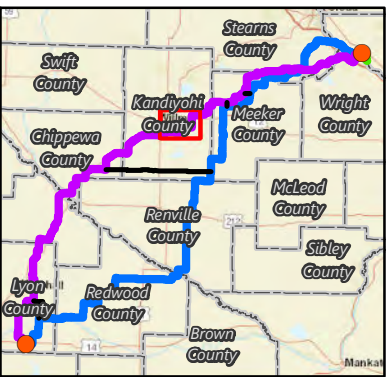
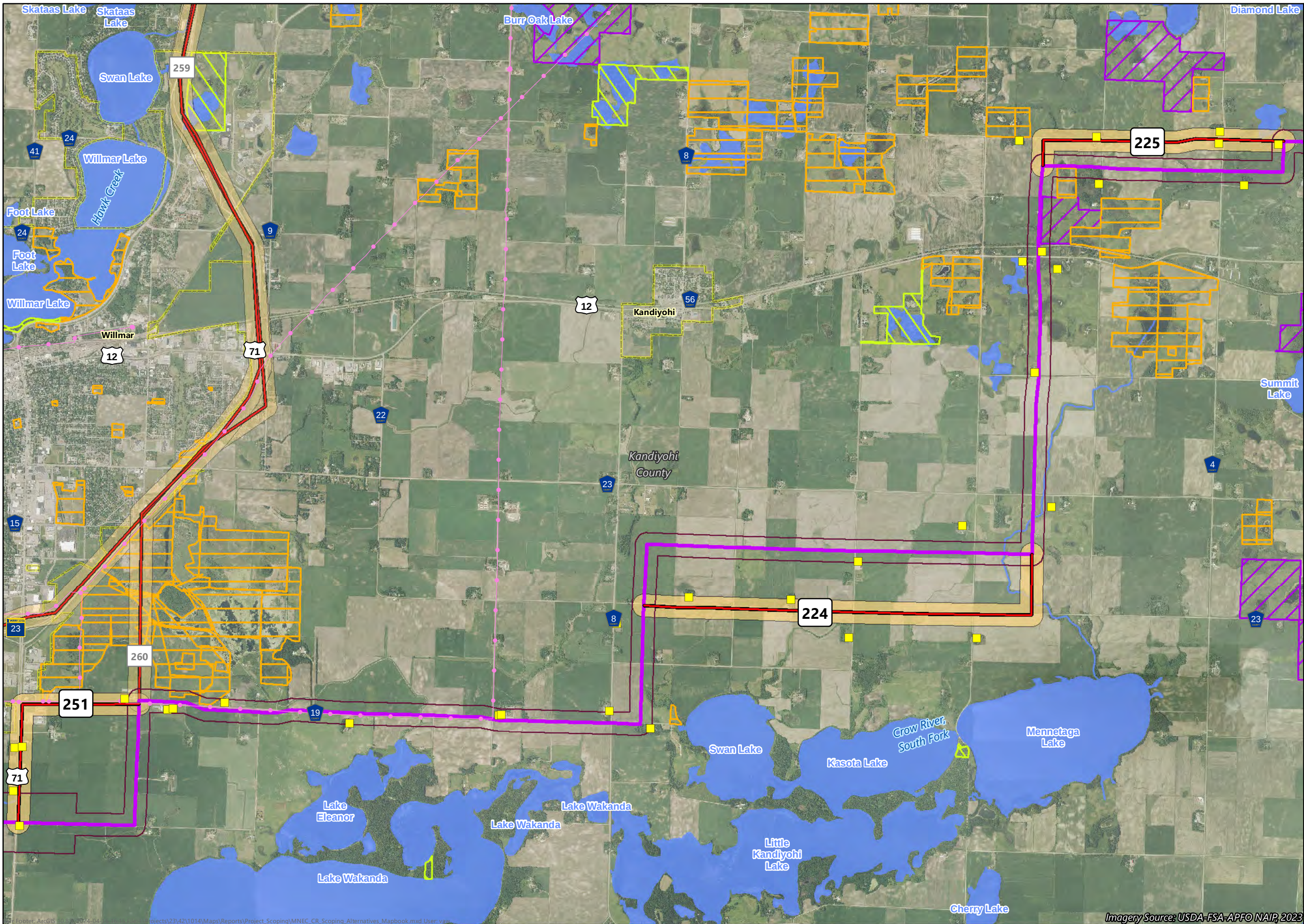


- Proposed Routes**
- Blue Route
 - Route Connector
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land
 - Local Land

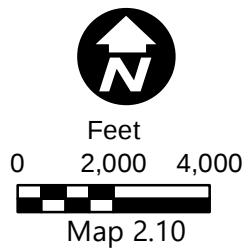


ROUTE SEGMENT 222 & 223
Scoping Alternatives
Minnesota Energy
Connection Project

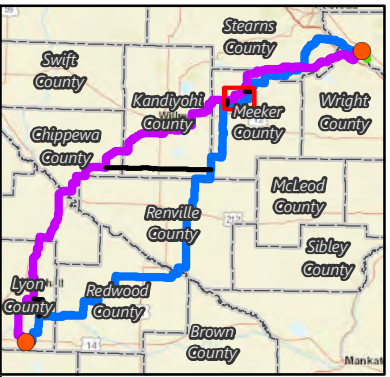
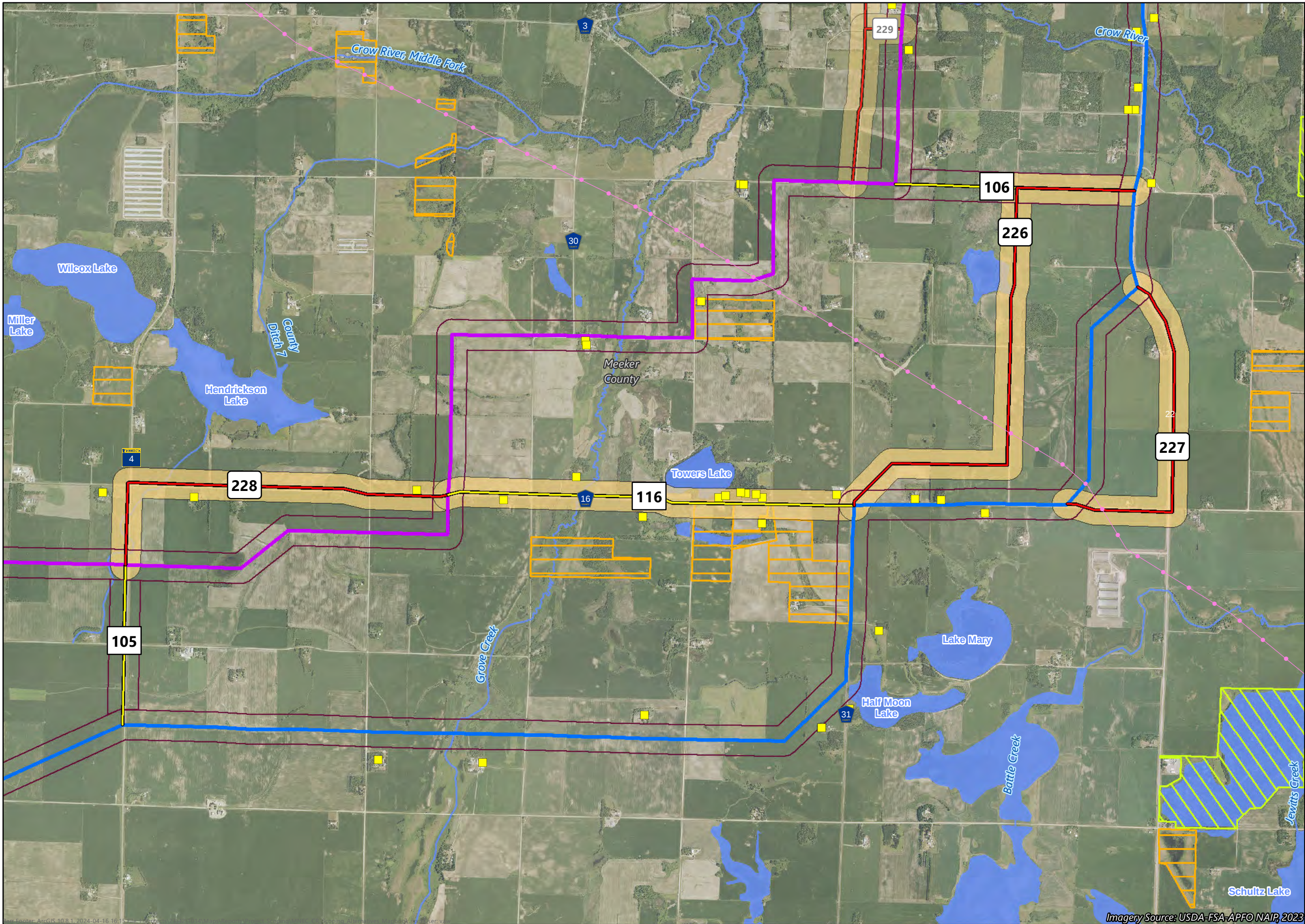
Imagery Source: USDA-FSA-APFO NAIP, 2023



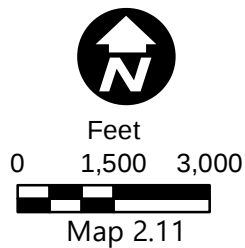
- Proposed Routes**
- Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land
 - Local Land



ROUTE SEGMENTS 224, 225, & 251
Scoping Alternatives
Minnesota Energy
Connection Project

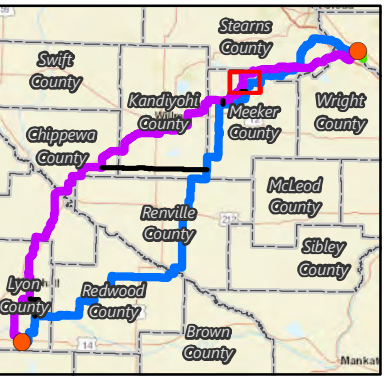
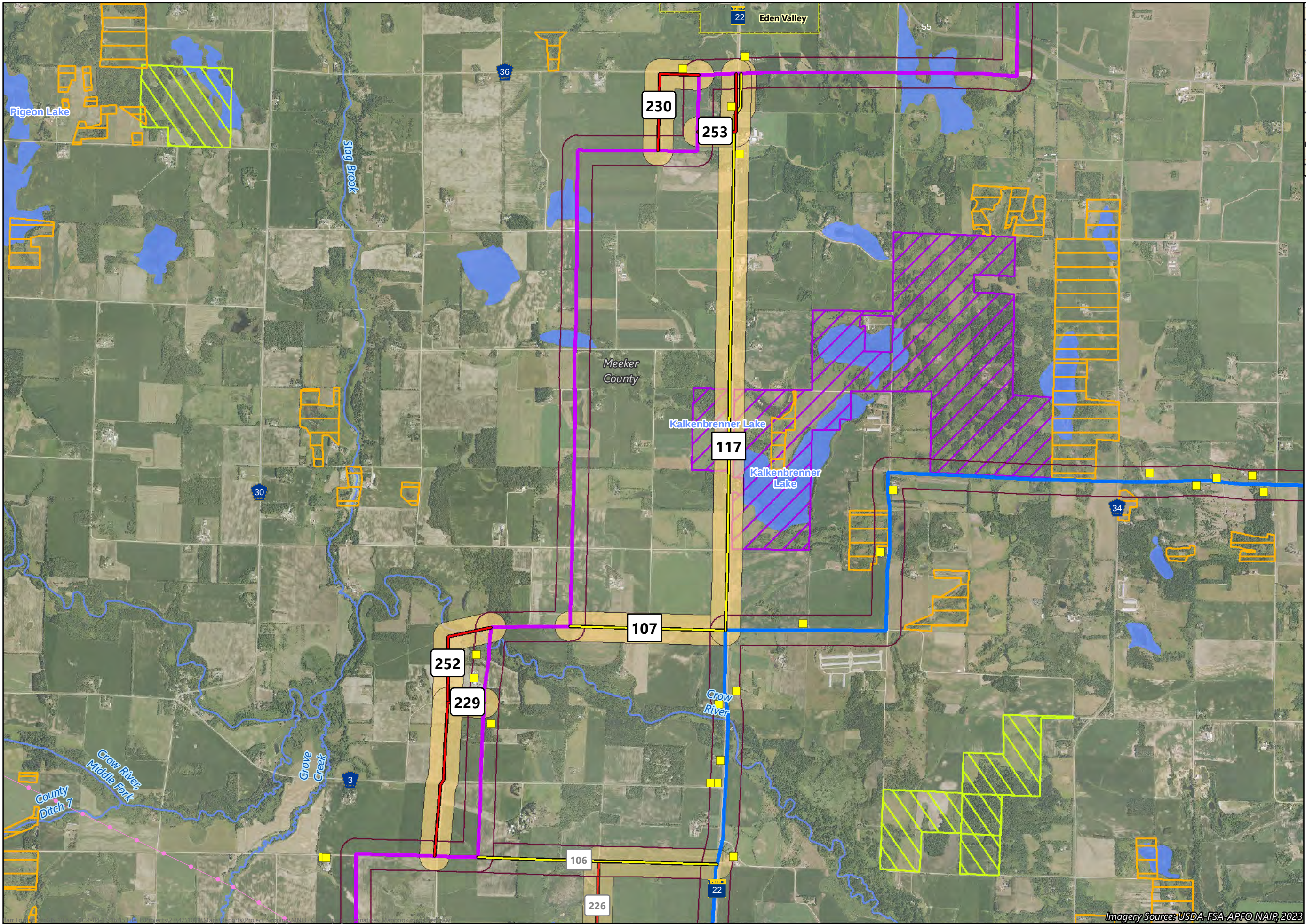


- Proposed Routes**
- Blue Route
 - Purple Route
 - Route Connector
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - PWI Waterway
 - PWI Basin
- Owner Type**
- State Land
 - Local Land

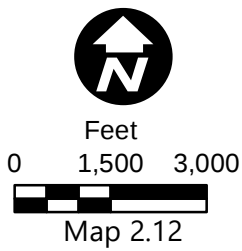


ROUTE CONNECTOR 105, 106, & 116
ROUTE SEGMENT 226 - 228
Scoping Alternatives
Minnesota Energy
Connection Project

Imagery Source: USDA-FSA-APFO NAIP, 2023

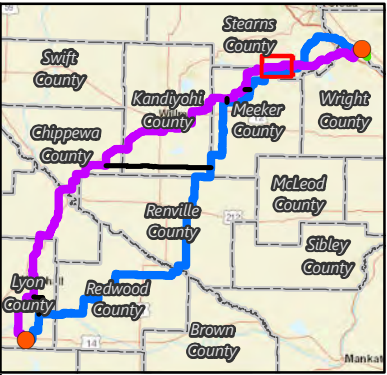
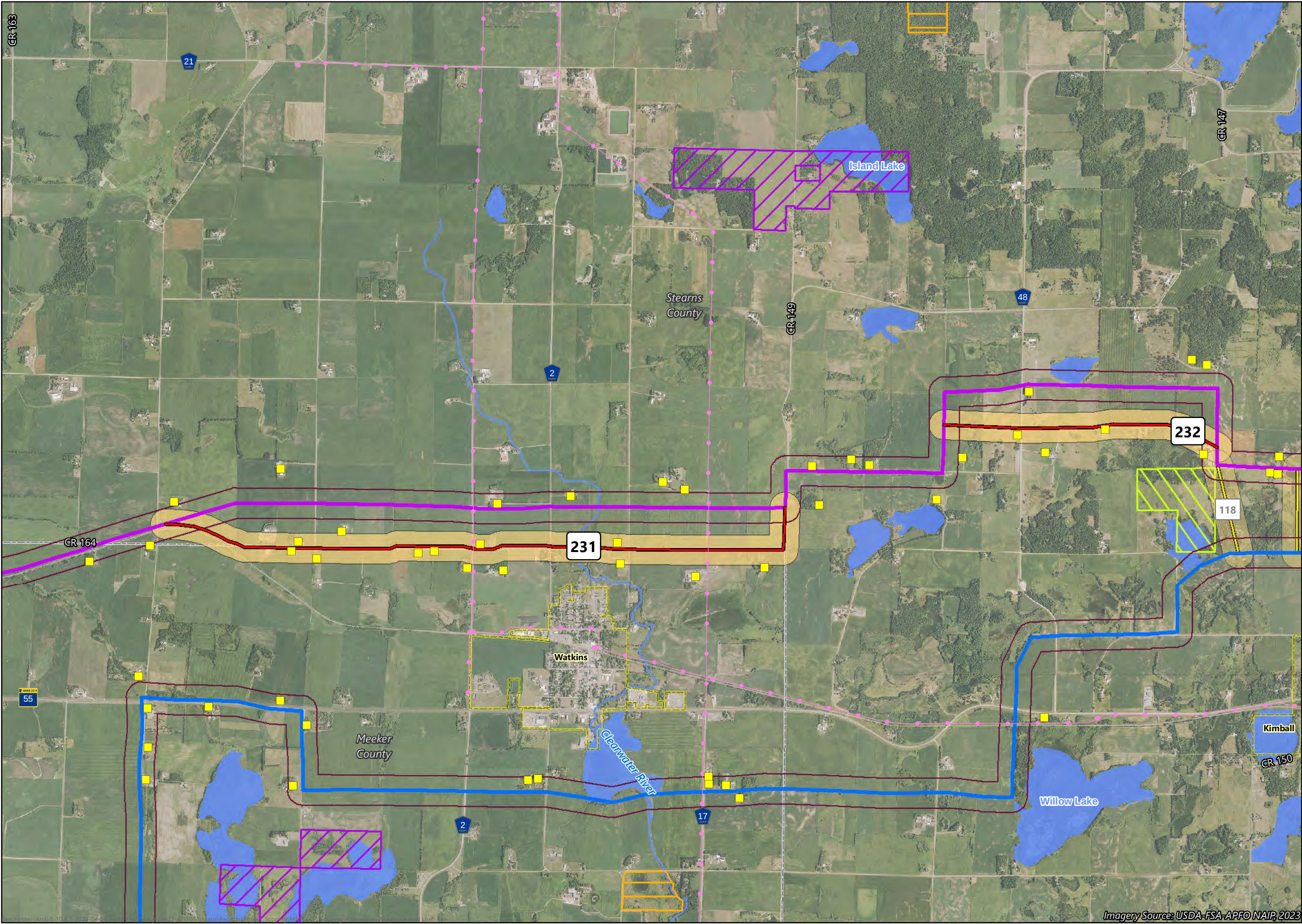


- Proposed Routes**
- Blue Route
 - Purple Route
 - Route Connector
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land
 - Local Land

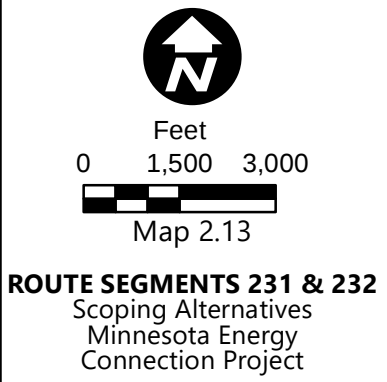


ROUTE CONNECTORS 107 & 117
ROUTE SEGMENTS 229, 230, 252, & 253
Scoping Alternatives
Minnesota Energy
Connection Project

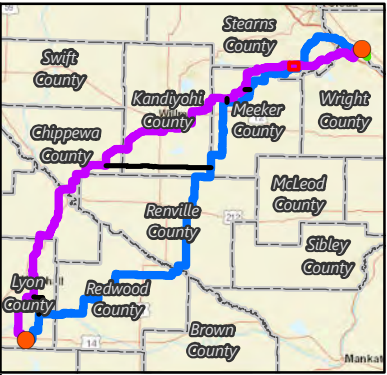
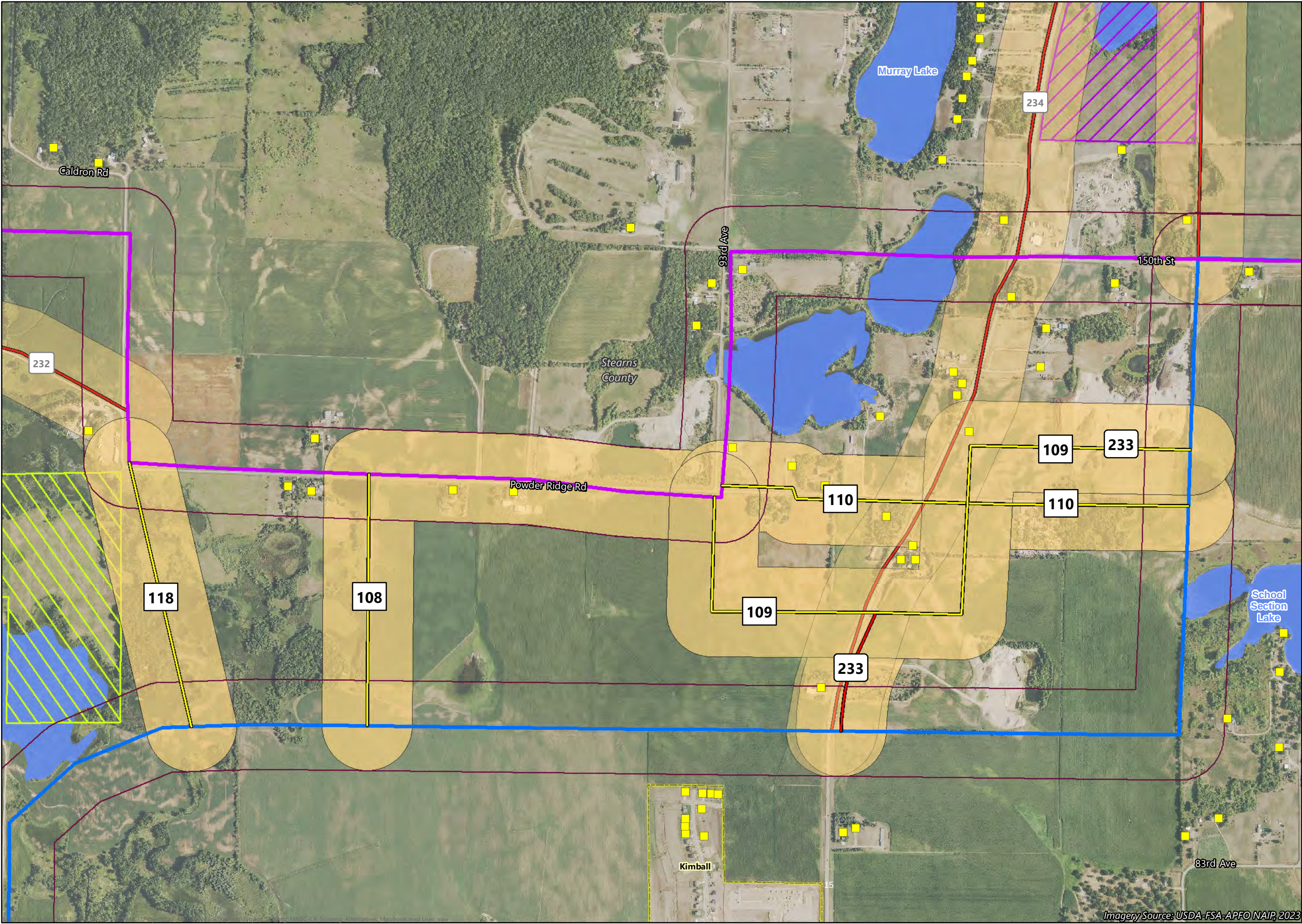
Imagery Source: USDA-FSA-APFO NAIP, 2023



- Proposed Routes**
- Blue Route
 - Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land
 - Local Land



Imagery Source: USDA-FSA-APFO NAIP, 2023



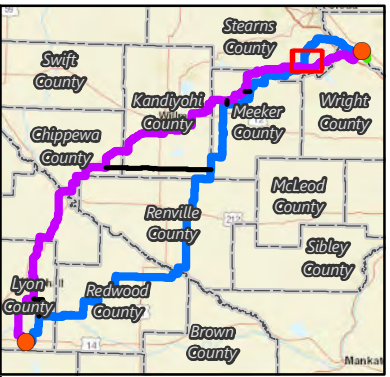
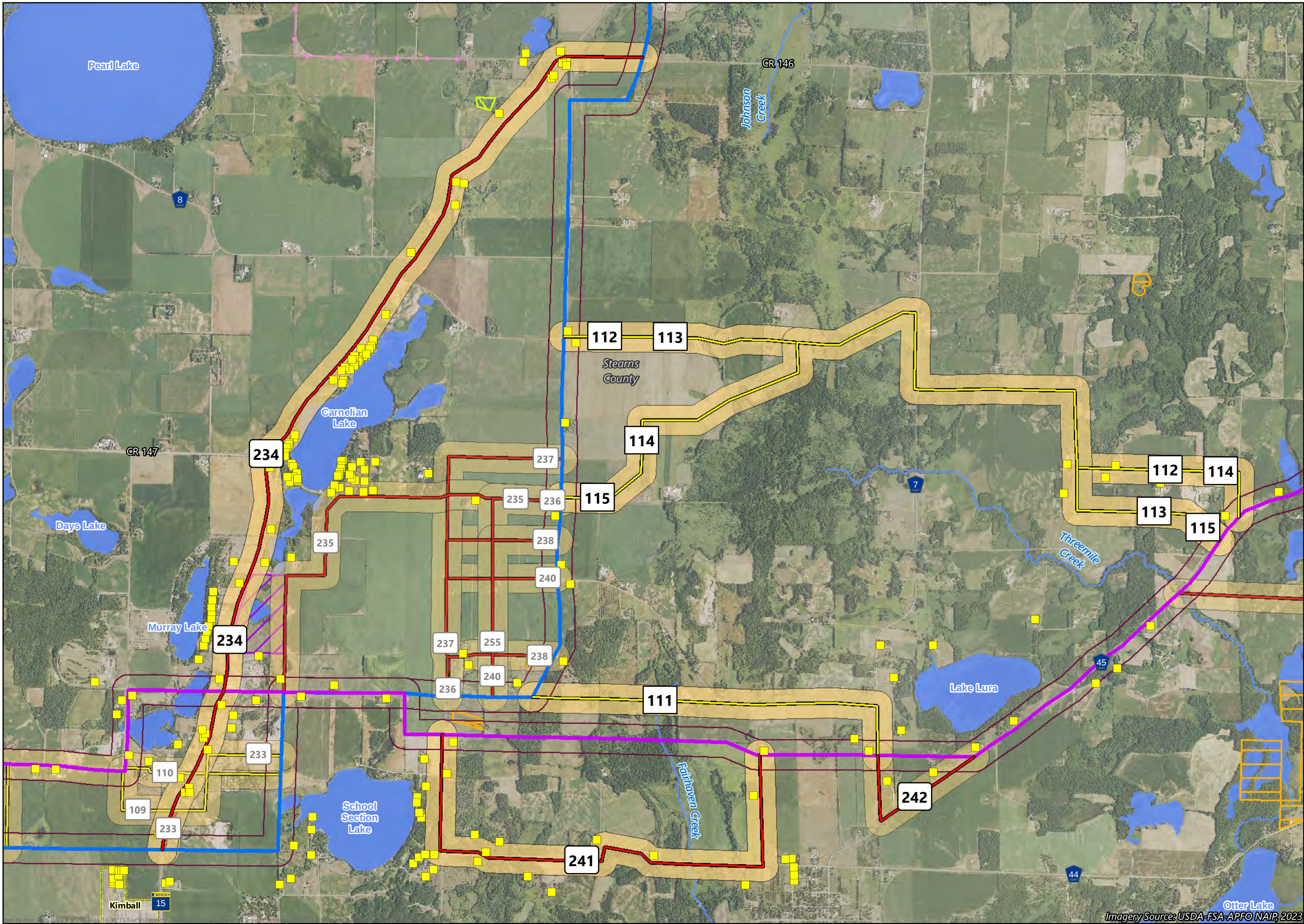
- Proposed Routes**
- Blue Route
 - Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Municipal Boundary
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land

Feet
0 500 1,000

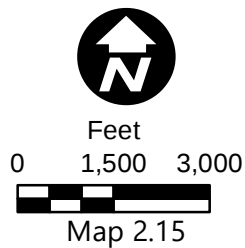
Map 2.14

ROUTE CONNECTORS 108 - 110, & 118
ROUTE SEGMENT 233
Scoping Alternatives
Minnesota Energy
Connection Project

Imagery Source: USDA-FSA-APFO NAIP, 2023

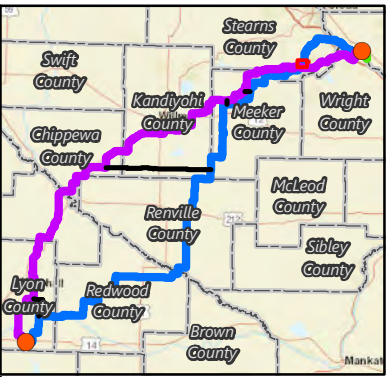
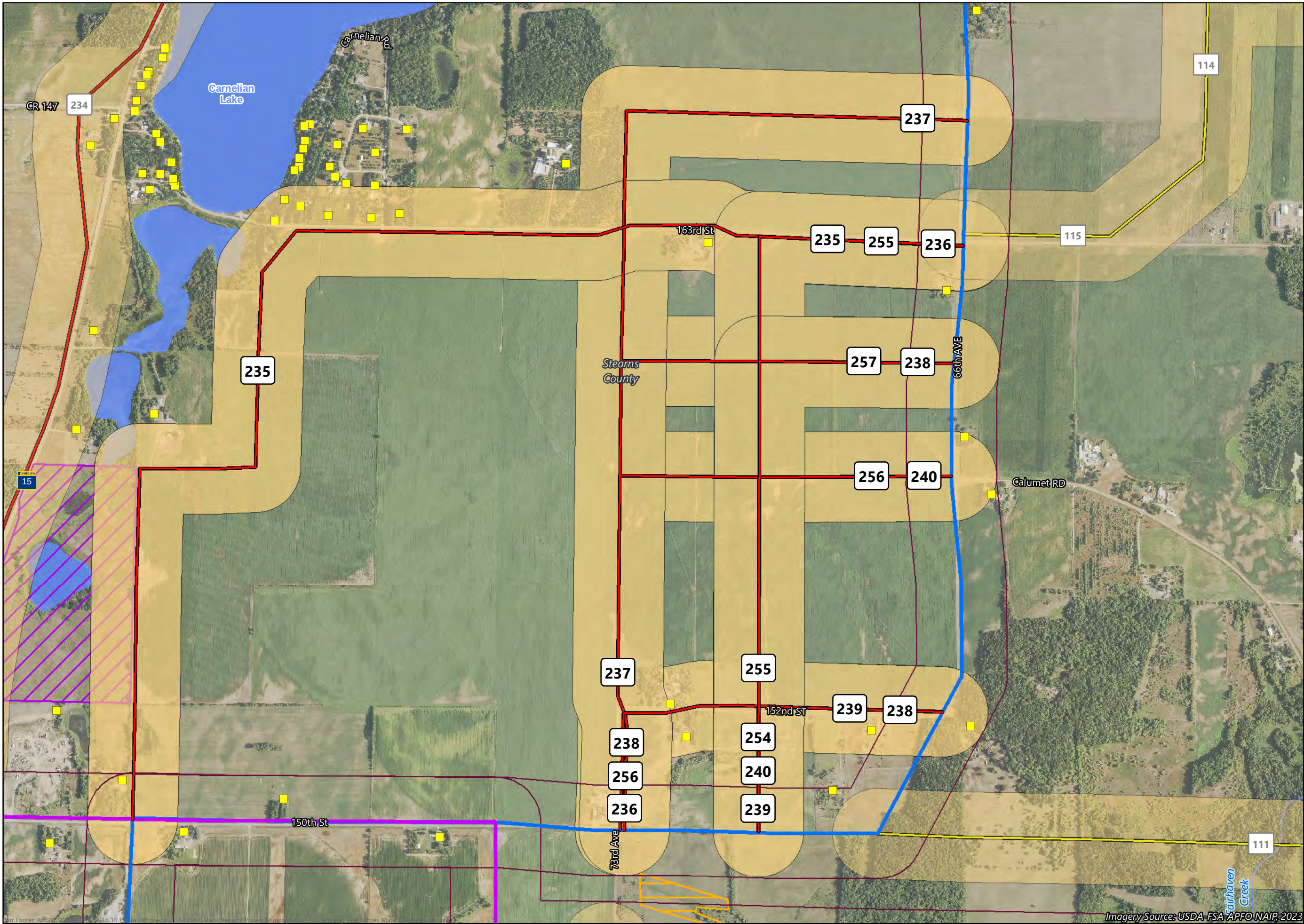


- Proposed Routes**
- Blue Route
 - Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Existing Transmission Line
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - State Land
 - Local Land



ROUTE CONNECTORS 111 - 115
ROUTE SEGMENTS 234, 241, & 242
Scoping Alternatives
Minnesota Energy
Connection Project

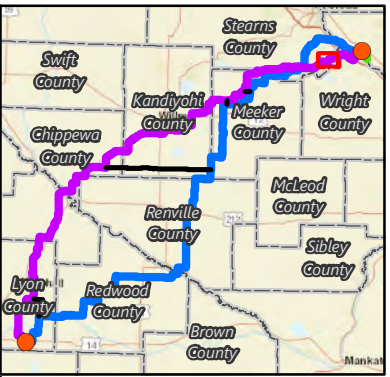
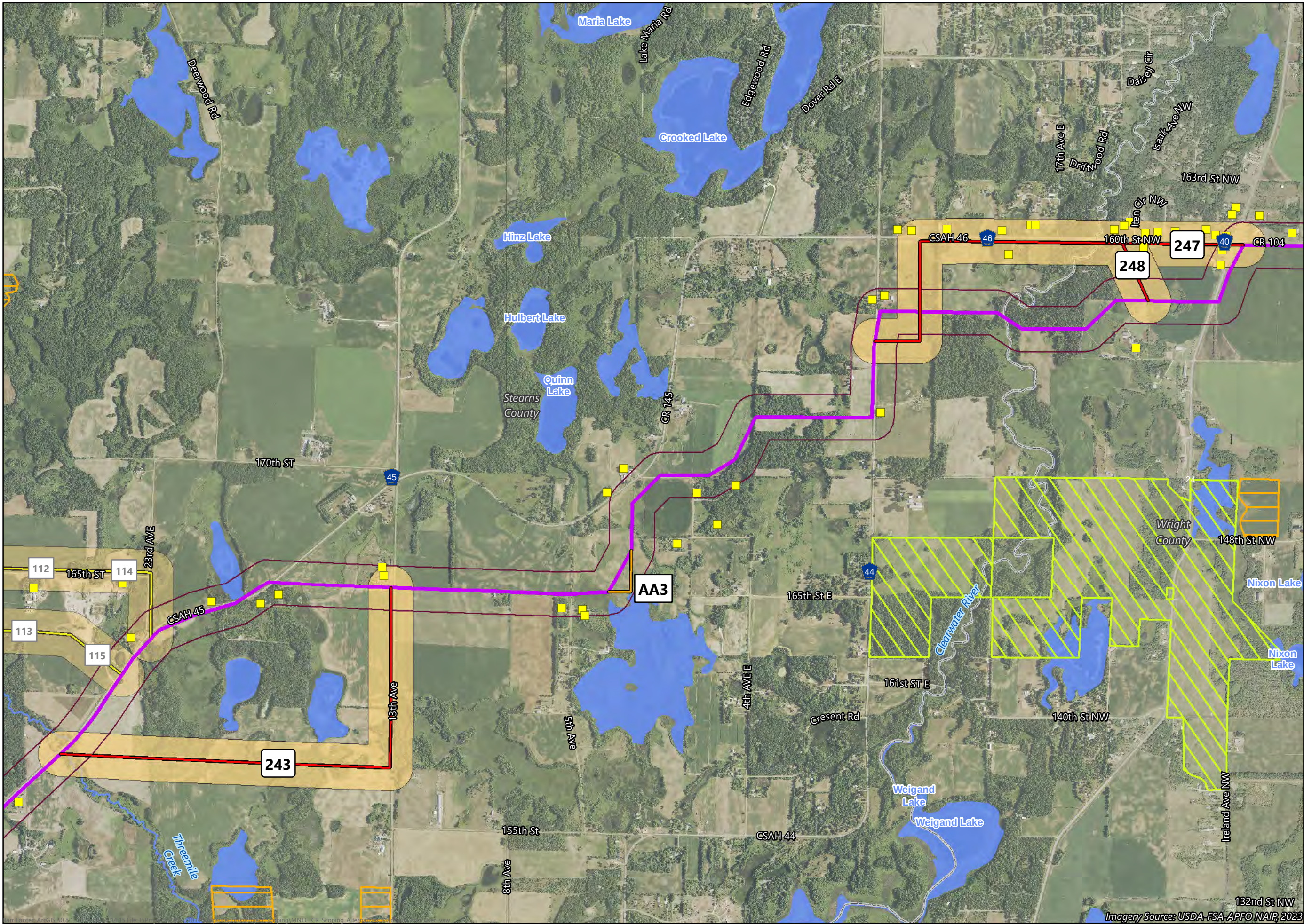
Imagery Source: USDA-FSA-APFO NAIP, 2023



- Proposed Routes**
- Blue Route
 - Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - PWI Waterway
 - PWI Basin
- Owner Type**
- Federal Land
 - Local Land

Feet
0 500 1,000
Map 2.16

**ROUTE SEGMENTS 235 - 240,
& 254 - 257**
Scoping Alternatives
Minnesota Energy
Connection Project

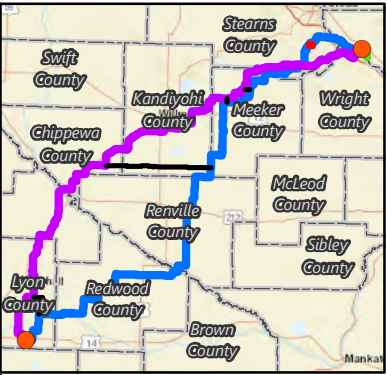
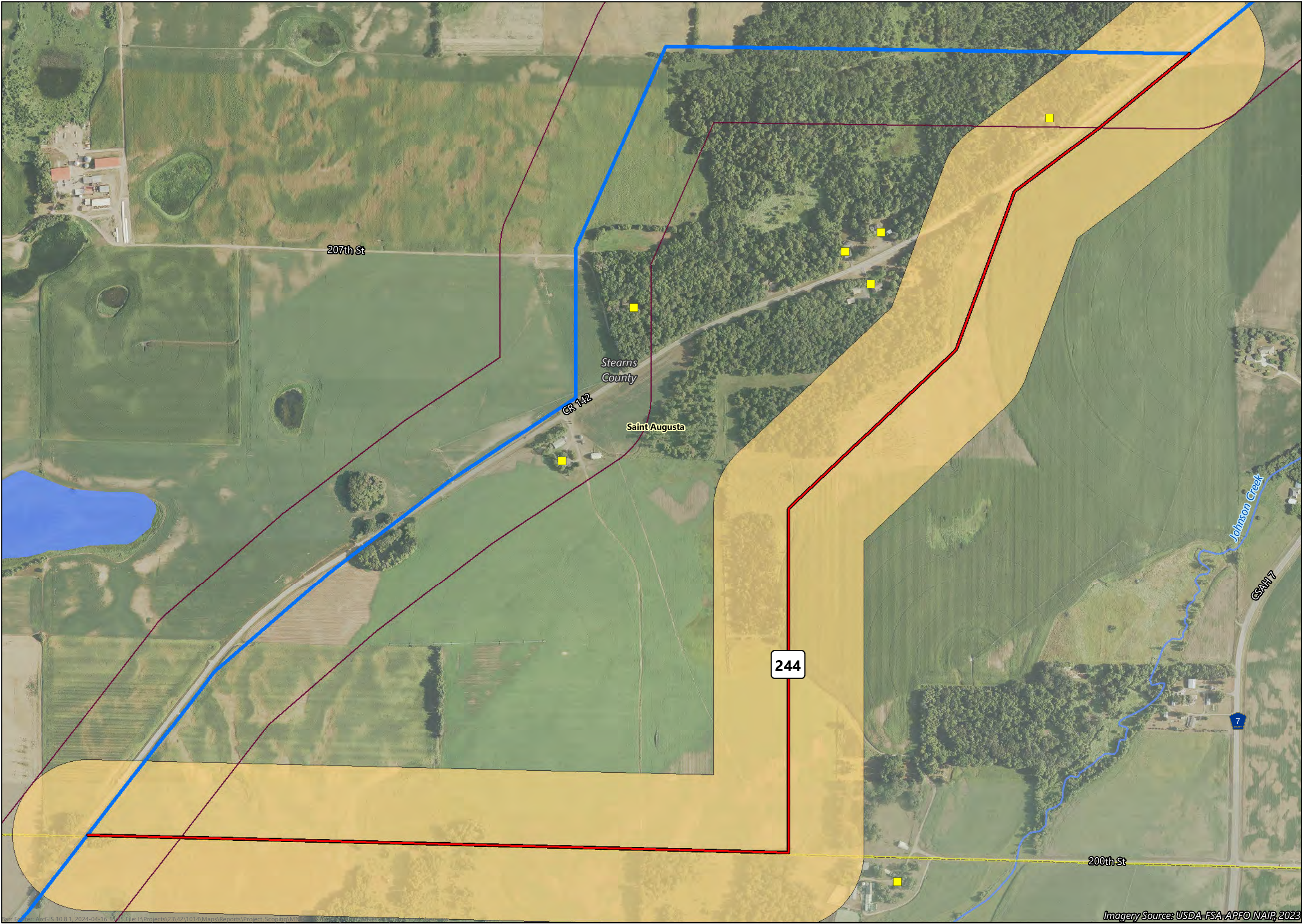


- Proposed Routes**
- Purple Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - PWI Waterway
 - PWI Basin
- Owner Type**
- State Land
 - Local Land

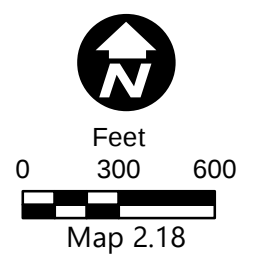
Feet
0 1,000 2,000
Map 2.17

ROUTE SEGMENTS 243, 247, & 248
ALIGNMENT ALTERNATIVE AA3
Scoping Alternatives
Minnesota Energy
Connection Project

Imagery Source: USDA-FSA-APFO NAIP, 2023



- Proposed Routes**
- Blue Route
 - Proposed Route Width
- Alternatives**
- Alignment
 - Route Connector
 - Route Segment
 - Alternative Width
 - Residence Location
 - Municipal Boundary
 - PWI Waterway
 - PWI Basin



ROUTE SEGMENT 244
Scoping Alternatives
Minnesota Energy
Connection Project

Imagery Source: USDA-FSA-APFO NAIP, 2023

CERTIFICATE OF SERVICE

I, Robin Benson, hereby certify that I have this day, served a true and correct copy of the following document to all persons at the addresses indicated below or on the attached list by electronic filing, electronic mail, courier, interoffice mail or by depositing the same enveloped with postage paid in the United States mail at St. Paul, Minnesota.

Minnesota Public Utilities Commission ORDER

Docket Numbers: **E-002/CN-22-131; E-002/TL-22-132**

Dated this **9th** day of **May, 2024**

/s/ Robin Benson

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Lisa	Agrimonti	lagrimonti@fredlaw.com	Fredrikson & Byron, P.A.	60 South Sixth Street Suite 1500 Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-131_Official
Mara	Ascheman	mara.k.ascheman@xcelen ergy.com	Xcel Energy	414 Nicollet Mall Fl 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-131_Official
David	Bell	david.bell@state.mn.us	Department of Health	POB 64975 St. Paul, MN 55164	Electronic Service	No	OFF_SL_22-131_Official
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-131_Official
Randall	Doneen	randall.doneen@state.mn.us	Department of Natural Resources	500 Lafayette Rd, PO Box 25 Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-131_Official
Jim	DuBois	jrdubois@hotmail.com		N/A	Electronic Service	No	OFF_SL_22-131_Official
Tim	DuBois	N/A		3494 160th Street South Haven, MN 55382	Paper Service	No	OFF_SL_22-131_Official
Adam	Duininck	aduininck@ncsrcc.org	North Central States Regional Council of Carpenters	700 Olive Street St. Paul, MN 55130	Electronic Service	No	OFF_SL_22-131_Official
Bret	Eknes	bret.eknes@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	No	OFF_SL_22-131_Official
Kate	Fairman	kate.frantz@state.mn.us	Department of Natural Resources	Box 32 500 Lafayette Rd St. Paul, MN 551554032	Electronic Service	No	OFF_SL_22-131_Official
Annie	Felix Gerth	annie.felix- gerth@state.mn.us		Board of Water & Soil Resources 520 Lafayette Rd Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-131_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_22-131_Official
Todd	Green	Todd.A.Green@state.mn.us	Minnesota Department of Labor & Industry	443 Lafayette Rd N St. Paul, MN 55155-4341	Electronic Service	No	OFF_SL_22-131_Official
Kari	Howe	kari.howe@state.mn.us	DEED	332 Minnesota St, #E200 1ST National Bank Bldg St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-131_Official
Breann	Jurek	bjurek@fredlaw.com	Fredrikson & Byron PA	60 S Sixth St Ste 1500 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-131_Official
Ray	Kirsch	Raymond.Kirsch@state.mn.us	Department of Commerce	85 7th Place E Ste 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-131_Official
Chad	Konickson	chad.konickson@usace.army.mil	U.S.Army Corps of Engineers	180 5th St # 700 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_22-131_Official
Nicholas	Korn	NJKORN@GMAIL.COM		27445 County Road 23 Albany, MN 56307	Electronic Service	No	OFF_SL_22-131_Official
Stacy	Kotch Egstad	Stacy.Kotch@state.mn.us	MINNESOTA DEPARTMENT OF TRANSPORTATION	395 John Ireland Blvd. St. Paul, MN 55155	Electronic Service	No	OFF_SL_22-131_Official
Gretchen	Laakso	N/A		3494 160th St South Haven, MN 55382	Paper Service	No	OFF_SL_22-131_Official
Kelly	Lagnese	kjlagnese@gmail.com		N/A	Electronic Service	No	OFF_SL_22-131_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Terry	Louwagie	soybeanbeanbacker@gmail.com		2894 310th St Marshall, MN 56258	Electronic Service	No	OFF_SL_22-131_Official
Dawn S	Marsh	dawn_marsh@fws.gov	U.S. Fish & Wildlife Service	Minnesota-Wisconsin Field Offices 4101 American Blvd E Bloomington, MN 55425	Electronic Service	No	OFF_SL_22-131_Official
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No	OFF_SL_22-131_Official
Paul	Pfeiffer	paulpf@atsinc.com		725 Opportunity Drive St. Cloud, MN 56303	Electronic Service	No	OFF_SL_22-131_Official
Kevin	Pranis	kpranis@liunagroc.com	Laborers' District Council of MN and ND	81 E Little Canada Road St. Paul, MN 55117	Electronic Service	No	OFF_SL_22-131_Official
Grant	Rademacher	grantr@rademacherco.com		7007 River Rd SE Clear Lake, MN 55319	Electronic Service	No	OFF_SL_22-131_Official
Stephen	Rakow	stephen.rakow@state.mn.us	Department of Commerce	Suite 280 85 Seventh Place East St. Paul, MN 551012198	Electronic Service	No	OFF_SL_22-131_Official
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_22-131_Official
Stephan	Roos	stephan.roos@state.mn.us	MN Department of Agriculture	625 Robert St N Saint Paul, MN 55155-2538	Electronic Service	No	OFF_SL_22-131_Official
Nathaniel	Runke	nrunkel@local49.org	International Union of Operating Engineers Local 49	611 28th St. NW Rochester, MN 55901	Electronic Service	No	OFF_SL_22-131_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Deborah	Schabel	deborah.schabel@gmail.com		15751 35th Ave South Haven, MN 55382	Electronic Service	No	OFF_SL_22-131_Official
Christine	Schwartz	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_22-131_Official
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-131_Official
Bria	Shea	bria.e.shea@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-131_Official
Andy	Simon	anysimon777@gmail.com		1511 Co. Rd. 45 South Haven, MN 55382	Electronic Service	No	OFF_SL_22-131_Official
Cindy	Stelten	cstelten@meltel.net		31 Cherry St S Kimball, MN 55353	Electronic Service	No	OFF_SL_22-131_Official
Jayne	Trusty	execdir@swrdc.org	SWRDC	2401 Broadway Ave #1 Slayton, MN 56172	Electronic Service	No	OFF_SL_22-131_Official
Jen	Tyler	tyler.jennifer@epa.gov	US Environmental Protection Agency	Environmental Planning & Evaluation Unit 77 W Jackson Blvd. Mailstop B-19J Chicago, IL 60604-3590	Electronic Service	No	OFF_SL_22-131_Official
Garrick	Valverde	garrick.valverde@apexcleanenergy.com	Apex Clean Energy	8665 Hudson Boulevard North Suite 200 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_22-131_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Haley	Waller Pitts	hwallerpitts@fredlaw.com	Fredrikson & Byron, P.A.	60 S Sixth St Ste 1500 Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-131_Official
Cynthia	Warzecha	cynthia.warzecha@state.mn.us	Minnesota Department of Natural Resources	500 Lafayette Road Box 25 St. Paul, MN 55155-4040	Electronic Service	No	OFF_SL_22-131_Official
Alan	Whipple	sa.property@state.mn.us	Minnesota Department Of Revenue	Property Tax Division 600 N. Robert Street St. Paul, MN 551463340	Electronic Service	No	OFF_SL_22-131_Official
Jonathan	Wolfgram	Jonathan.Wolfgram@state.mn.us	Office of Pipeline Safety	445 Minnesota St Ste 147 Woodbury, MN 55125	Electronic Service	No	OFF_SL_22-131_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Lisa	Agrimonti	lagrimonti@fredlaw.com	Fredrikson & Byron, P.A.	60 South Sixth Street Suite 1500 Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Mara	Ascheman	mara.k.ascheman@xcelen ergy.com	Xcel Energy	414 Nicollet Mall Fl 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-132_Official CC Service List
David	Bell	david.bell@state.mn.us	Department of Health	POB 64975 St. Paul, MN 55164	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-132_Official CC Service List
Ian M.	Dobson	ian.m.dobson@xcelenergy. com	Xcel Energy	414 Nicollet Mall, 401-8 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Randall	Doneen	randall.doneen@state.mn.u s	Department of Natural Resources	500 Lafayette Rd, PO Box 25 Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Bret	Eknes	bret.eknes@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Kate	Fairman	kate.frantz@state.mn.us	Department of Natural Resources	Box 32 500 Lafayette Rd St. Paul, MN 551554032	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Annie	Felix Gerth	annie.felix- gerth@state.mn.us		Board of Water & Soil Resources 520 Lafayette Rd Saint Paul, MN 55155	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_22-132_Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Todd	Green	Todd.A.Green@state.mn.us	Minnesota Department of Labor & Industry	443 Lafayette Rd N St. Paul, MN 55155-4341	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Kari	Howe	kari.howe@state.mn.us	DEED	332 Minnesota St, #E200 1ST National Bank Bldg St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Breann	Jurek	bjurek@fredlaw.com	Fredrikson & Byron PA	60 S Sixth St Ste 1500 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Ray	Kirsch	Raymond.Kirsch@state.mn.us	Department of Commerce	85 7th Place E Ste 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Chad	Konickson	chad.konickson@usace.army.mil	U.S.Army Corps of Engineers	180 5th St # 700 Saint Paul, MN 55101	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Nicholas	Korn	NJKORN@GMAIL.COM		27445 County Road 23 Albany, MN 56307	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Stacy	Kotch Egstad	Stacy.Kotch@state.mn.us	MINNESOTA DEPARTMENT OF TRANSPORTATION	395 John Ireland Blvd. St. Paul, MN 55155	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Dawn S	Marsh	dawn_marsh@fws.gov	U.S. Fish & Wildlife Service	Minnesota-Wisconsin Field Offices 4101 American Blvd E Bloomington, MN 55425	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Stephen	Rakow	stephen.rakow@state.mn.us	Department of Commerce	Suite 280 85 Seventh Place East St. Paul, MN 551012198	Electronic Service	No	OFF_SL_22-132_Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_22-132_Official CC Service List
Stephan	Roos	stephan.roos@state.mn.us	MN Department of Agriculture	625 Robert St N Saint Paul, MN 55155-2538	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Christine	Schwartz	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-132_Official CC Service List
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Electronic Service	Yes	OFF_SL_22-132_Official CC Service List
Bria	Shea	bria.e.shea@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Suzanne	Todnem	suzanne.todnem@state.mn.us	Office of Administrative Hearings	600 Robert Street North PO Box 64620 St. Paul, MN 55164	Electronic Service	Yes	OFF_SL_22-132_Official CC Service List
Jayne	Trusty	execdir@swrdc.org	SWRDC	2401 Broadway Ave #1 Slayton, MN 56172	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Jen	Tyler	tyler.jennifer@epa.gov	US Environmental Protection Agency	Environmental Planning & Evaluation Unit 77 W Jackson Blvd. Mailstop B-19J Chicago, IL 60604-3590	Electronic Service	No	OFF_SL_22-132_Official CC Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Garrick	Valverde	garrick.valverde@apexcleanenergy.com	Apex Clean Energy	8665 Hudson Boulevard North Suite 200 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Haley	Waller Pitts	hwallerpitts@fredlaw.com	Fredrikson & Byron, P.A.	60 S Sixth St Ste 1500 Minneapolis, MN 55402-4400	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Cynthia	Warzecha	cynthia.warzecha@state.mn.us	Minnesota Department of Natural Resources	500 Lafayette Road Box 25 St. Paul, MN 55155-4040	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Alan	Whipple	sa.property@state.mn.us	Minnesota Department Of Revenue	Property Tax Division 600 N. Robert Street St. Paul, MN 551463340	Electronic Service	No	OFF_SL_22-132_Official CC Service List
Jonathan	Wolfgram	Jonathan.Wolfgram@state.mn.us	Office of Pipeline Safety	445 Minnesota St Ste 147 Woodbury, MN 55125	Electronic Service	No	OFF_SL_22-132_Official CC Service List