

APPENDIX Q
IRON RANGE – ST. LOUIS COUNTY – ARROWHEAD 345 KV
TRANSMISSION LINE PROJECT
PUBLIC OUTREACH MATERIALS

INDEX

May 2025 Open Houses

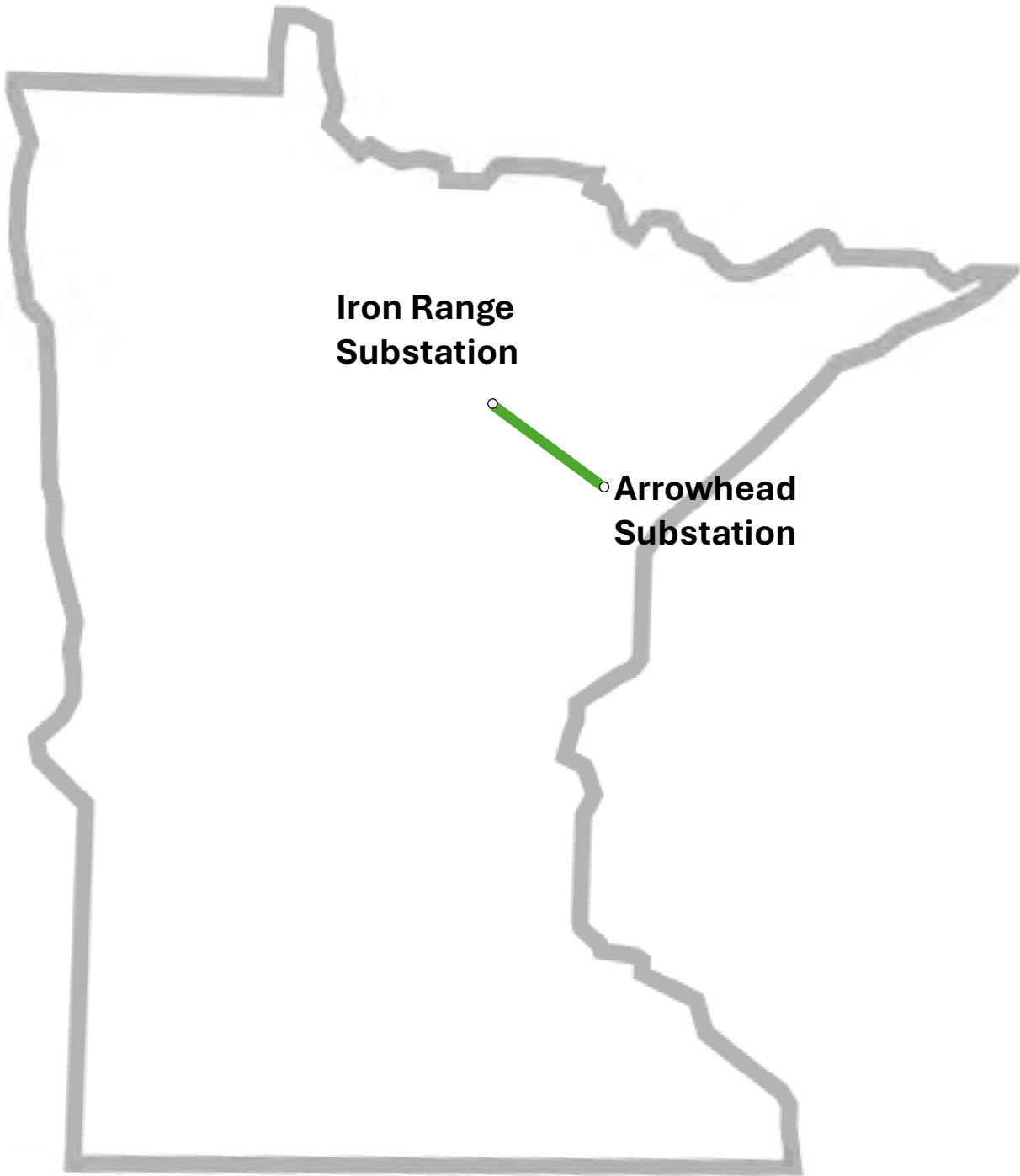
- May 2025 Open House Posters
- May 2025 Open House Post Card
- May 2025 General Project Fact Sheet
- May 2025 ROW Process Fact Sheet*
- May 2025 Open House Tabletop Map Set
- May 2025 Open House Invitation Email to Agencies
- May 2025 Open House Invitation Email to Tribal Nations
- May 2025 Virtual Meeting Presentation
- May 2025 Press Release
- May 2025 Social Media Post
- May 2025 Comment Form

August 2025 Open Houses

- August 2025 Open House Posters
- August 2025 Open House Post Card
- August 2025 General Project Fact Sheet
- August 2025 Open House Tabletop Map Set
- August 2025 Open House Invitation Email to Agencies
- August 2025 Open House Invitation Email to Tribal Nations
- August 2025 Virtual Meeting Presentation
- August 2025 Press Release
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- August 2025 Comment Form

* Also made available at August 2025 open houses

Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



What constraints should we be aware of?

Agricultural uses, including organic farms
Airports/air navigation facilities
Cemeteries
Communication towers
Conservation areas
Cultural/archaeological resources
Floodplains
Lakes/ponds/rivers/streams/wetlands
Levees/dams
Mines/quarries
Pipelines
Potentially contaminated sites
Railroads
Religious facilities
Residences
Scenic highways
Schools
Sensitive plant/animal species
State/regional/local parks and trails
Wells

Right-of-Way Acquisition

What is right-of-way?

A right-of-way, or ROW, is a strip of land used for a specific purpose such as the construction, operation and maintenance of a road or transmission line. Right-of-way is typically secured as an easement on a property.

What is an easement?

An ownership interest in real property allowing Minnesota Power the right to construct, operate and maintain a transmission line and other associated infrastructure on your property.

Our right-of-way acquisition process:

Project representatives will hold individual meetings with affected landowners to discuss right-of-way needs.



Landowners are contacted to begin right-of-way acquisition process.



An easement is presented to a landowner. An offer based on fair market value is presented.



We work closely with the landowner to resolve concerns and reach an agreement. An easement is recorded.



The utilities construct, operate and maintain the transmission line within the right-of-way.

Additional right-of-way needs may include:

- Construction staging areas
- Substation expansions
- Temporary access roads

Construction

Typical preconstruction and construction activities



1

- ▲ Initial surveying, right-of-way clearing and access routes



2

- ▲ Structure staking, surveying and soils investigations as needed



3

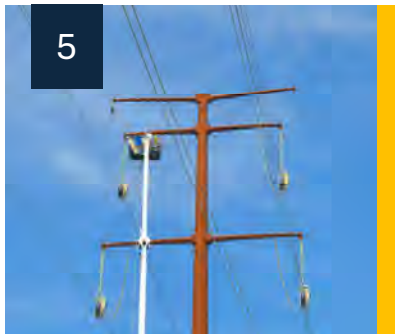
- ▲ Foundation installation

Foundation type may vary depending on structure



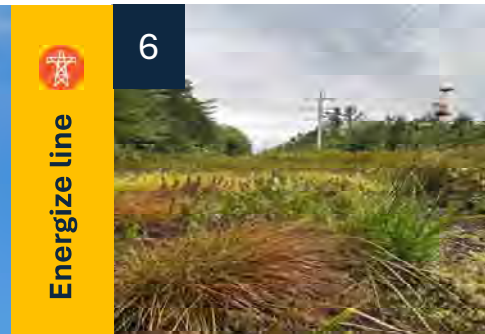
4

- ▲ Assemble and set structures



5

- ▲ Wire installation



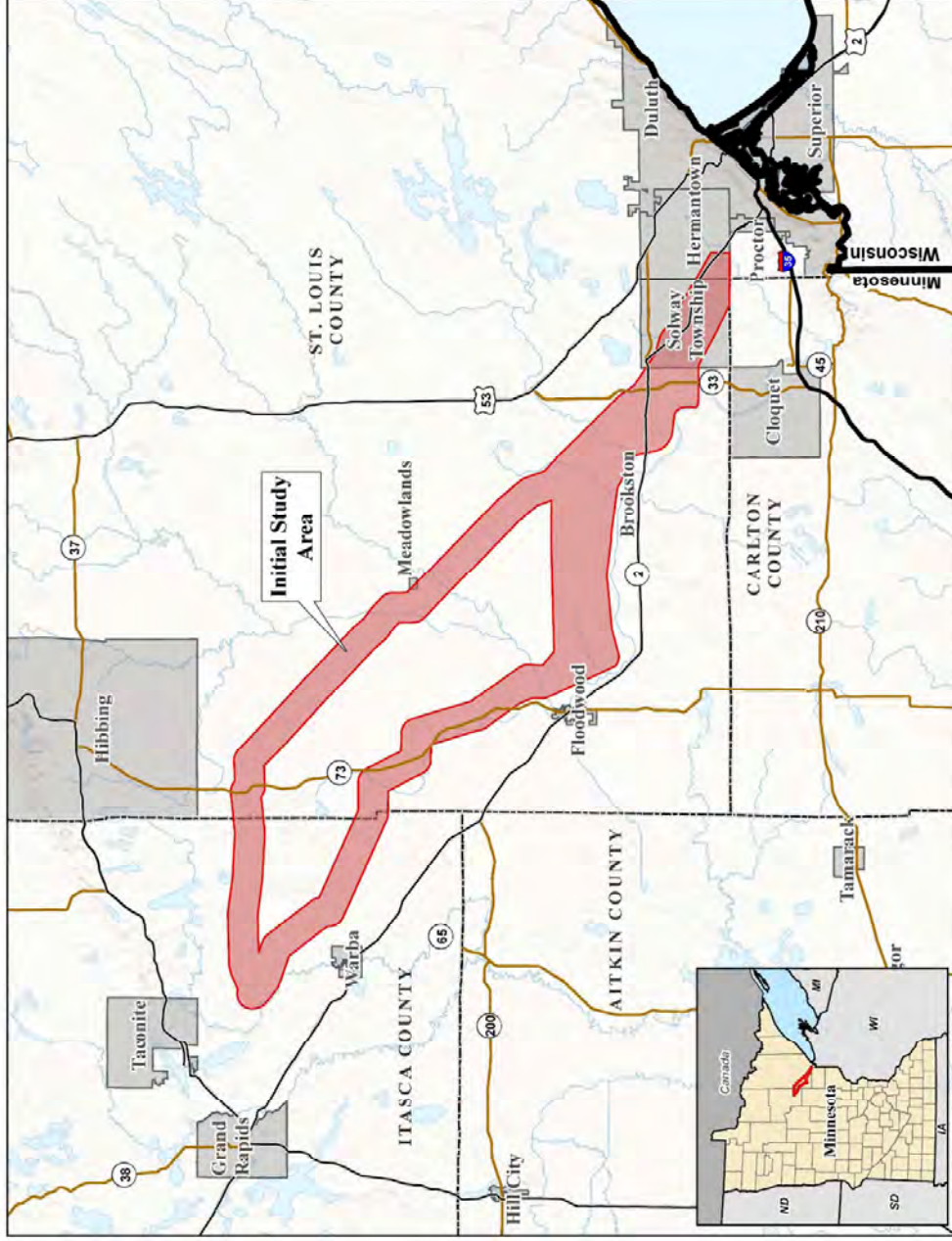
6

- ▲ Cleanup and restoration

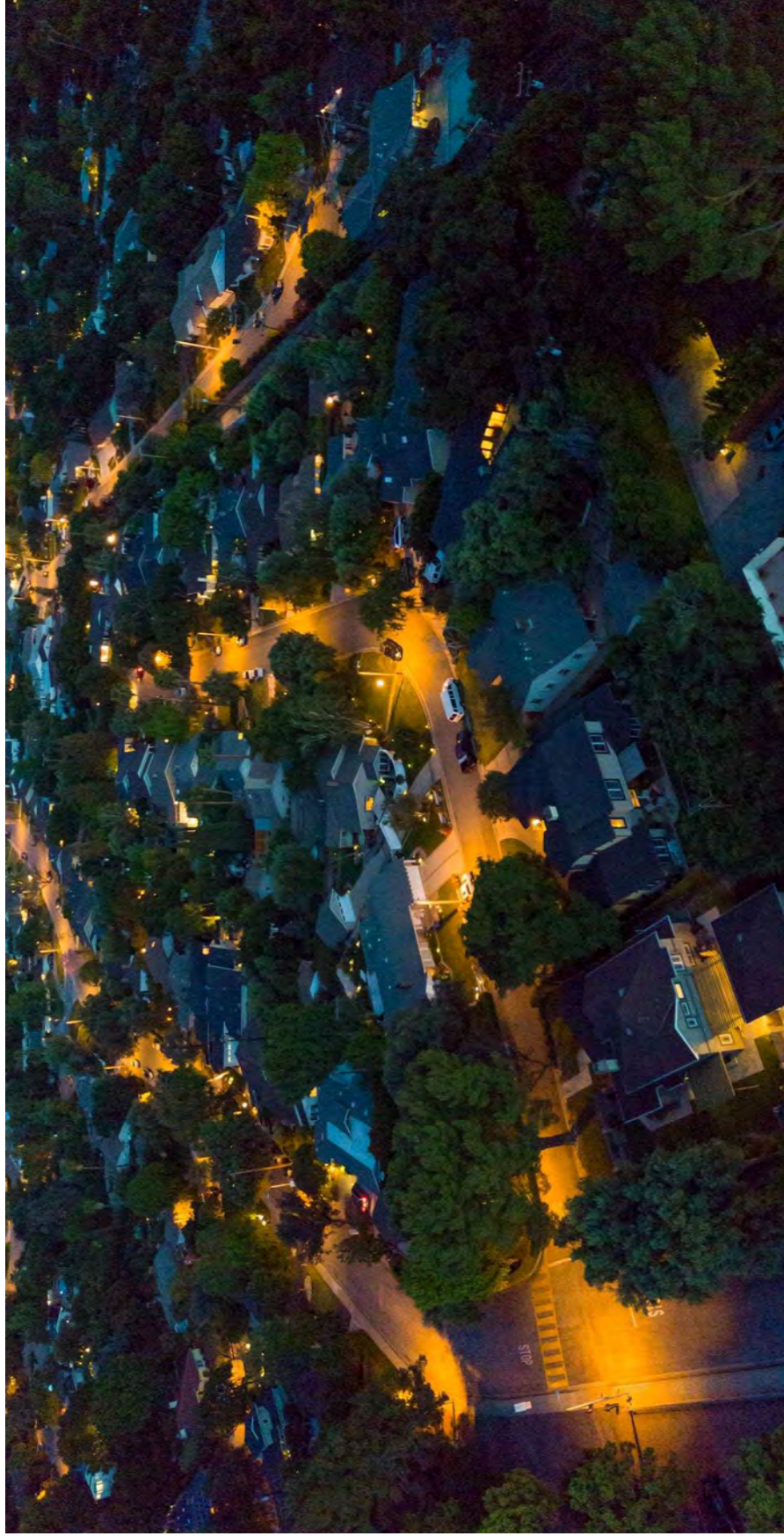
Typical preconstruction survey types:

- Field surveys
- Wildlife surveys
- Archaeological surveys
- Wetland and stream surveys
- Soil surveys

Initial Study Area

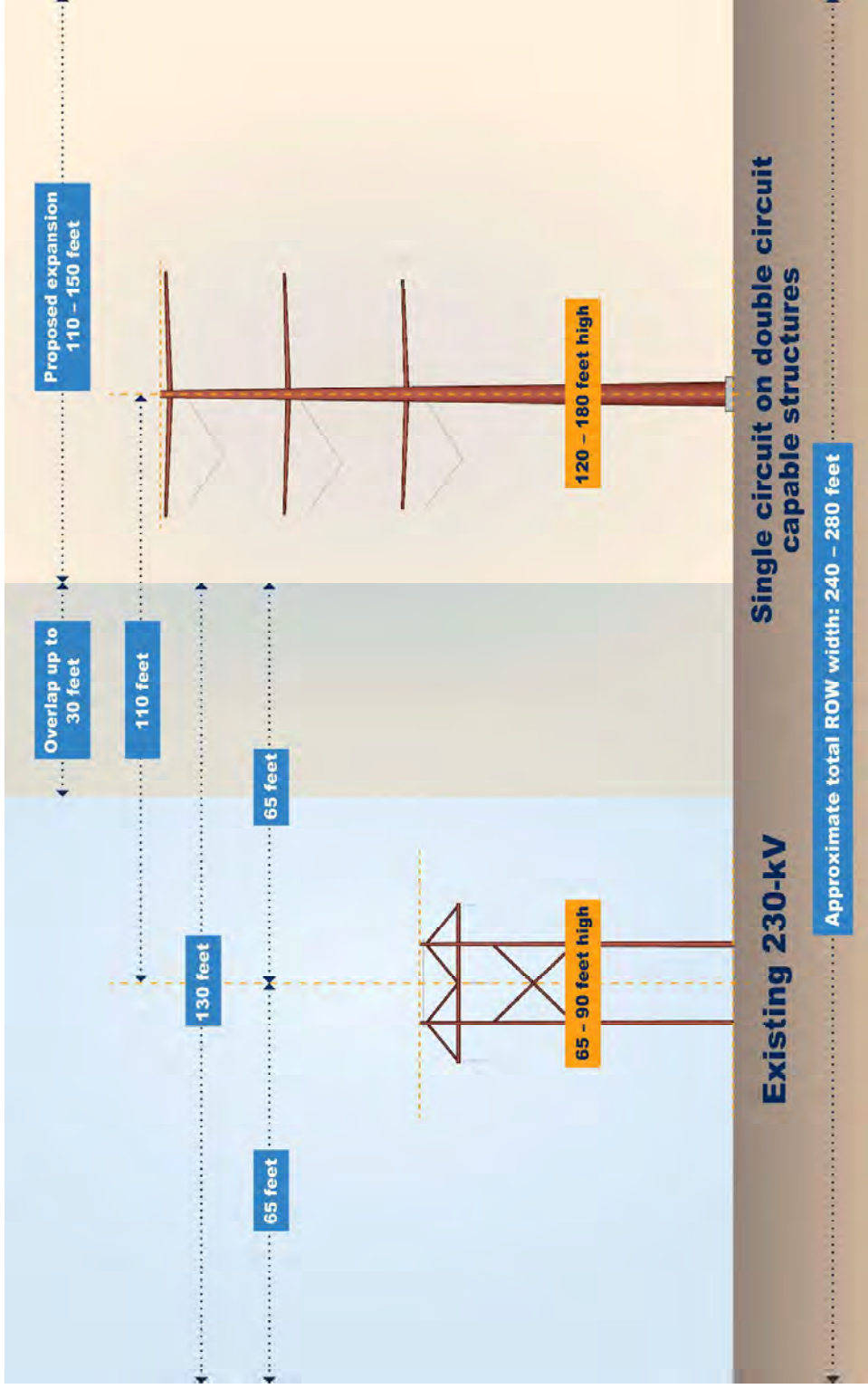


Security | Comfort | Quality of Life

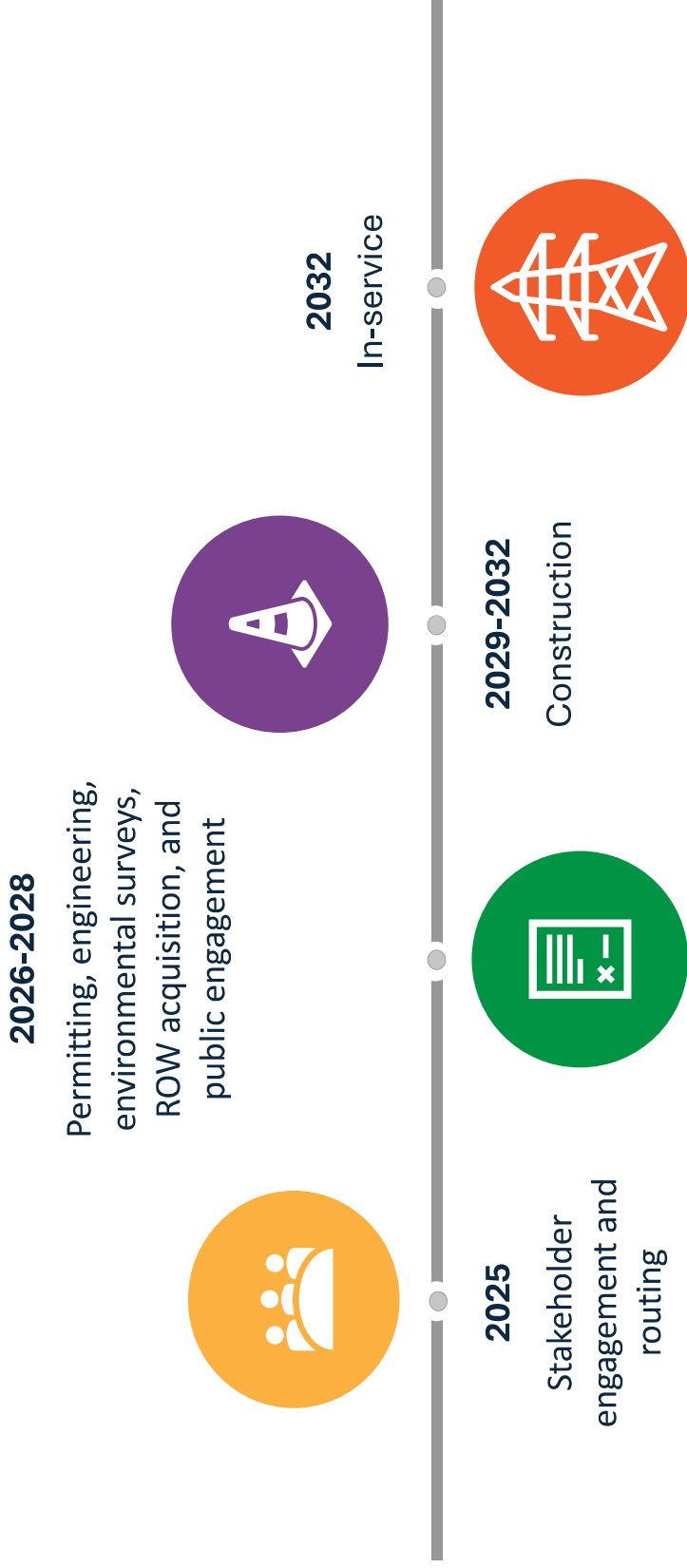


ISA Transmission Project

Right-of-Way (ROW) Typical Construction



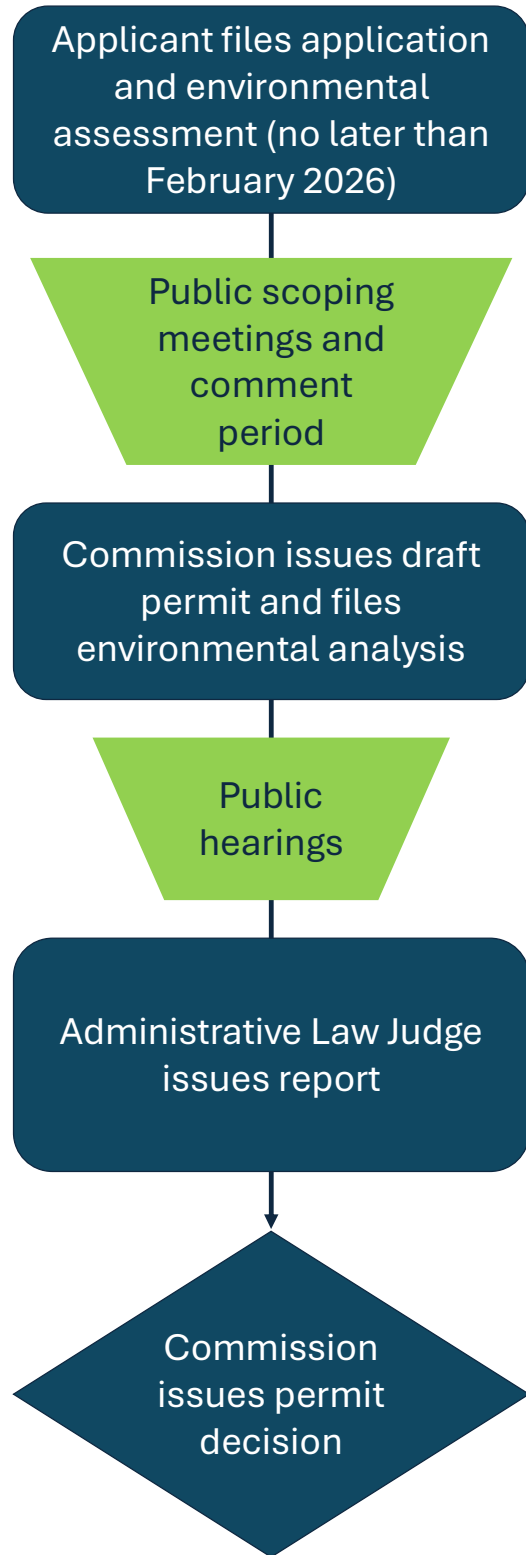
Project Timeline



Permitting

Minnesota Public Utilities Commission (MPUC)

High-Voltage Transmission Line Permitting Process



Environmental Surveys

Minnesota Power will conduct a variety of studies and surveys during different phases of project development. These field surveys allow the project team to verify or collect new information about the proposed route to help minimize impacts for construction of the transmission line.

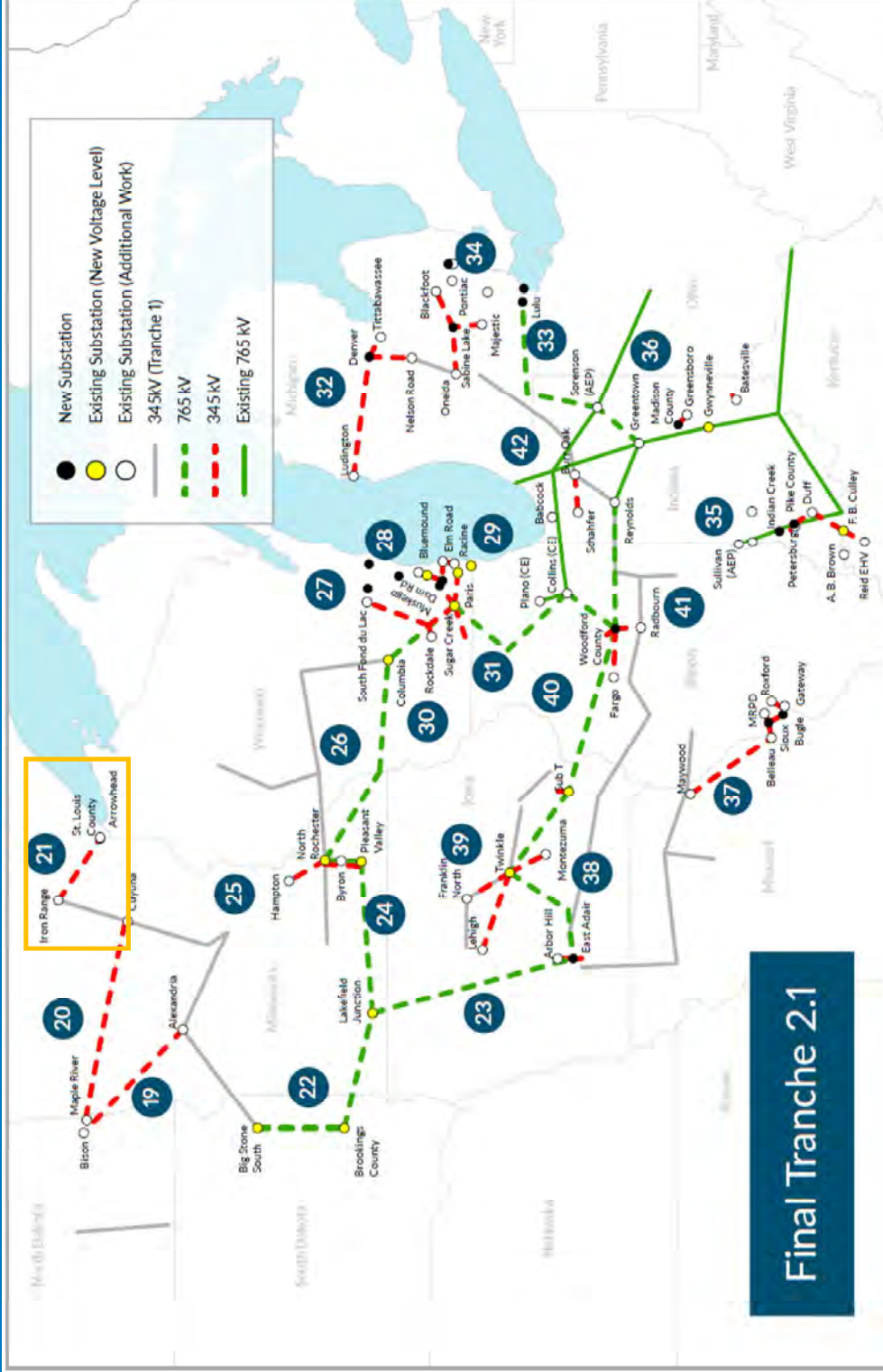
Permission will be requested to allow survey teams access to private property to conduct required field surveys. More detailed information will be provided to property owners in advance of teams conducting surveys on private property.



Possible surveys include the following, which may vary by location:

- Geotechnical
- Biological
- Cultural resources
- Wetland and waterbodies
- Invasive species
- Protected species
- Raptor nest

Midcontinent Independent System Operator (MISO) Tranche 2.1 Portfolio



ISA Transmission Project

Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



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OPEN HOUSE DETAILS

Join Minnesota Power at one of the Open Houses to learn more about the ISA Transmission Project and provide comments.

TUESDAY, MAY 20, 1:00-3:00PM

Yanmar Arena
1401 NW 3rd Avenue
Grand Rapids, MN 55744

TUESDAY, MAY 20, 5:00-8:00PM

Meadowlands Community Center
7758 Western Avenue
Meadowlands, MN 55765

WEDNESDAY, MAY 21, 5:00-8:00PM

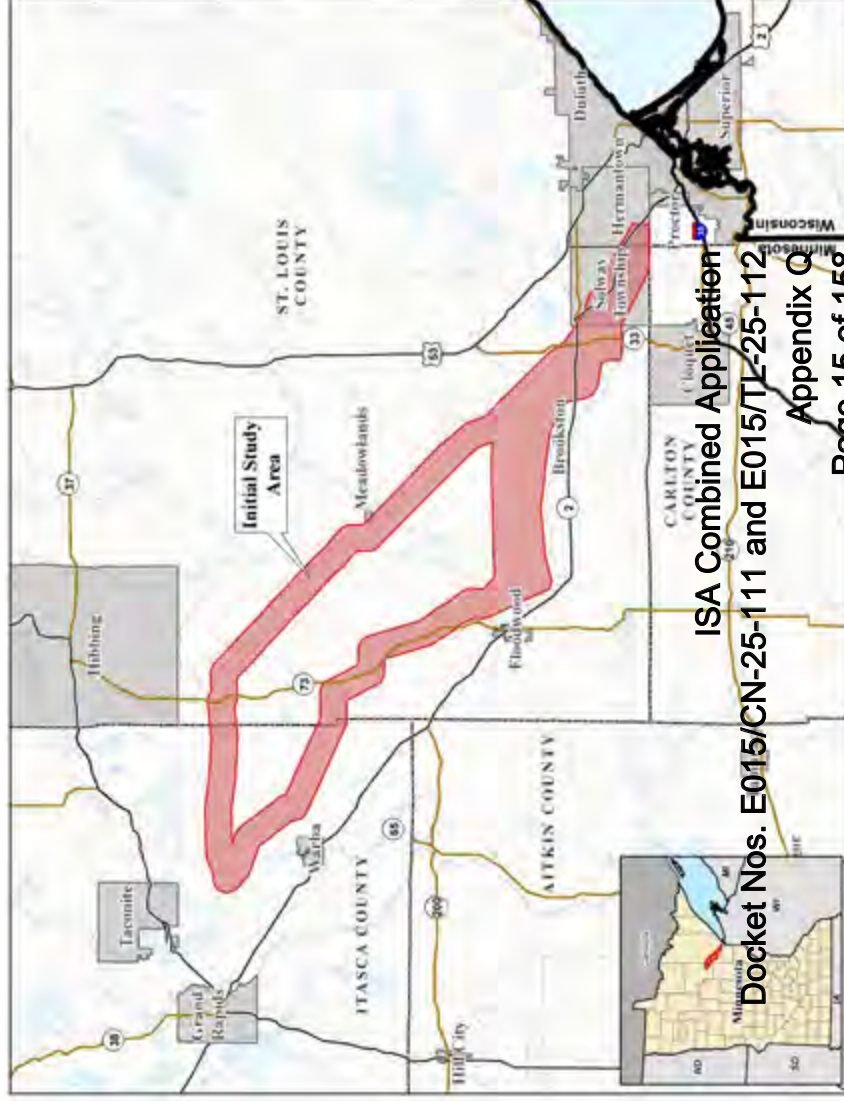
Floodwood Event Center
201 W 7th Avenue
Floodwood, MN 55736

THURSDAY, MAY 22, 12:00-2:00PM

Hermantown Government Center/
City Hall – Training Center
5105 Maple Grove Road
Hermantown, MN 55811

THURSDAY, MAY 22, 5:00-8:00PM

Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720



Minnesota Power
30 W. Superior St.
Duluth, MN 55802



ISA Combined Application
Docket Nos. E015/CN-25-111 and E015/TL-25-112
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Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT

Project overview

Minnesota Power is proposing to construct an approximately 63-mile-long, 345-kV transmission line from Minnesota Power’s Iron Range Substation near Grand Rapids, Minnesota, to Minnesota Power’s St. Louis County Substation near Hermantown, with a connection to American Transmission Company’s nearby Arrowhead Substation.

The Iron Range – St. Louis County – Arrowhead (ISA) Transmission Project is one in a portfolio of transmission projects approved by the regional grid operator, Midcontinent Independent System Operator (MISO), in its 2024 Long-Range Transmission Planning portfolio. As a part of this larger portfolio, the ISA Transmission Project will:



Enhance grid reliability in the Upper Midwest as grid operating conditions become more variable



Increase grid efficiency as energy is transferred from where it is produced to where it is needed



Meet the growing demand for reliable clean energy in the Upper Midwest

Schedule

2025

Stakeholder engagement and routing

2026-2028

Permitting, engineering, environmental surveys, ROW acquisition, and public engagement

2029-2032

Construction

2032

Anticipated in-service

**The schedule is subject to change.*

Regulatory process

In February 2025, the Applicants filed a notice of intent (NOI) to apply for a combined Certificate of Need and Route Permit for the Project. Under current state regulations, the Applicants have 12 months from the date of the NOI to file the Certificate of Need application. You can subscribe to receive updates from the Minnesota Public Utilities Commission regarding the regulatory process. Visit edockets.state.mn.us/documents and enter the docket number you're interested in tracking. For information on the Certificate of Need use docket 25-111 and for the Route Permit use docket 25-112.

Public involvement

The Project team will be contacting landowners to speak with them about the Project. There will also be opportunities for any interested parties to ask questions and provide comments during the permitting process.

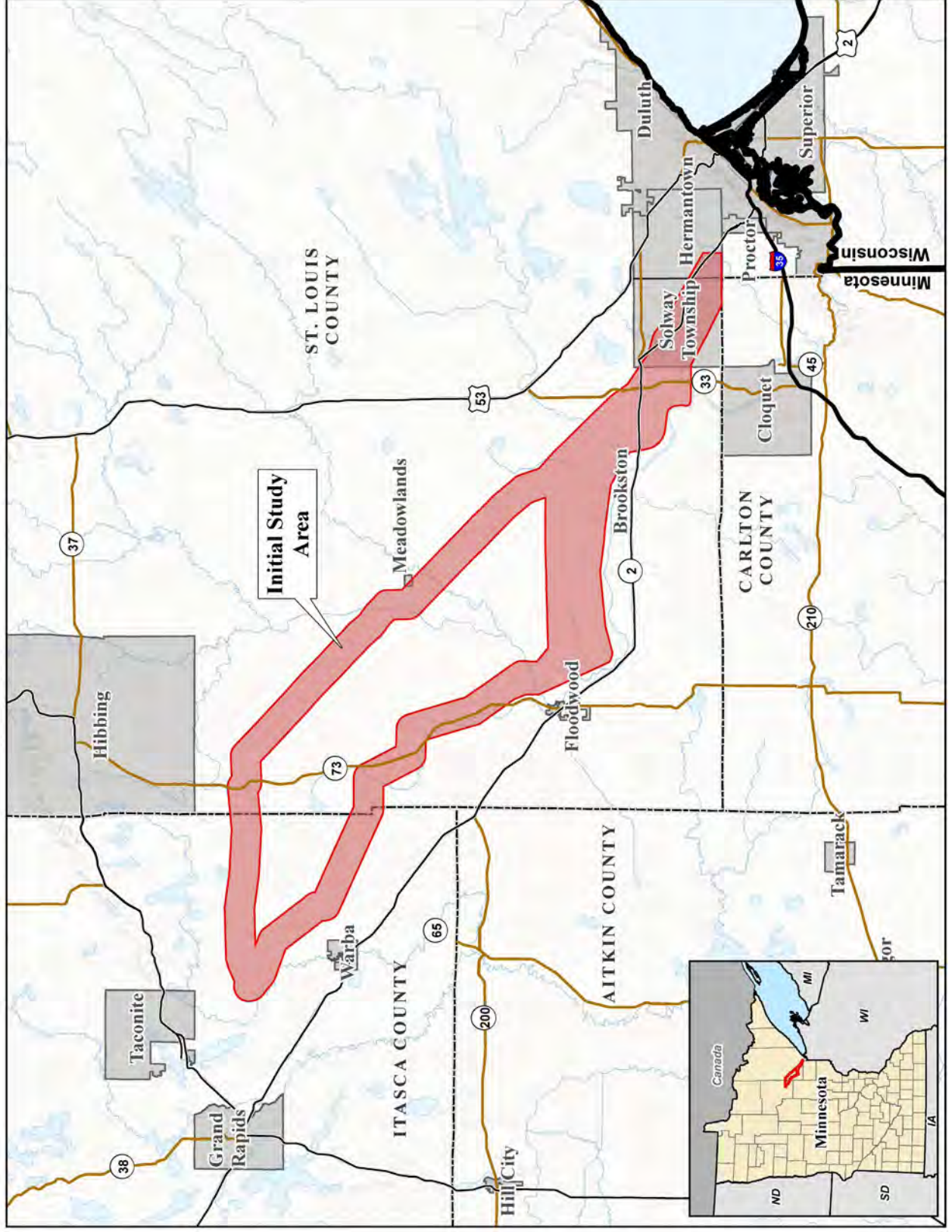
Connect with us

Stay up to date on the project by signing up for email updates or talking to a project team member.

Website: ISATransmissionProject.com **Email:** connect@ISATransmissionProject.com

Phone: 1-888-510-5303

ISA Transmission Project





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Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT

Right-of-way (ROW) Process

ROW easements allow for the safe construction, operation, and maintenance of linear infrastructure projects including transmission lines. Our team will work closely with landowners during the ROW process to introduce the project and ourselves, answer questions and solicit input, and negotiate and acquire necessary land rights.

Minnesota Power representatives will contact affected landowners and hold individual meetings to discuss the ROW process, including the need for temporary right-of-entry access, negotiation and acquisition of temporary and permanent land rights, and the restoration and damage process.

Four major ROW process phases and anticipated schedule

1 Right-of-entry for temporary access (2026 – 2027)
Project representatives will reach out to impacted landowners to request temporary access to a portion of their property. This temporary access is granted through a right-of-entry agreement allowing project team members to conduct surveys and studies to inform the routing process.

2 Easements (2026 – 2028)
As the route is defined, impacted landowners will be contacted to begin the ROW negotiation and easement acquisition process. An offer package will be presented to landowners based on fair market value. Our goal is to work closely with landowners to resolve concerns and reach a voluntary agreement. The easement agreement is recorded with the County Recorder.

3 Construction (2029 – 2032)
Minnesota Power will construct the transmission line within the ROW while maintaining ongoing communications with landowners. Temporary roads may be needed during construction.

4 Restoration (2029 – 2033)
After construction, damages to crops and property will be settled through reimbursement or restoration. Minnesota Power is responsible for maintaining the easement area.

Can this project share ROW with an existing line?

There may be opportunities to overlap the project ROW with an existing transmission line corridor. We estimate up to 30 feet of ROW may be shared between the existing structure and the new structure depending on engineering, construction and topography.

How large of an easement is needed for the Project?

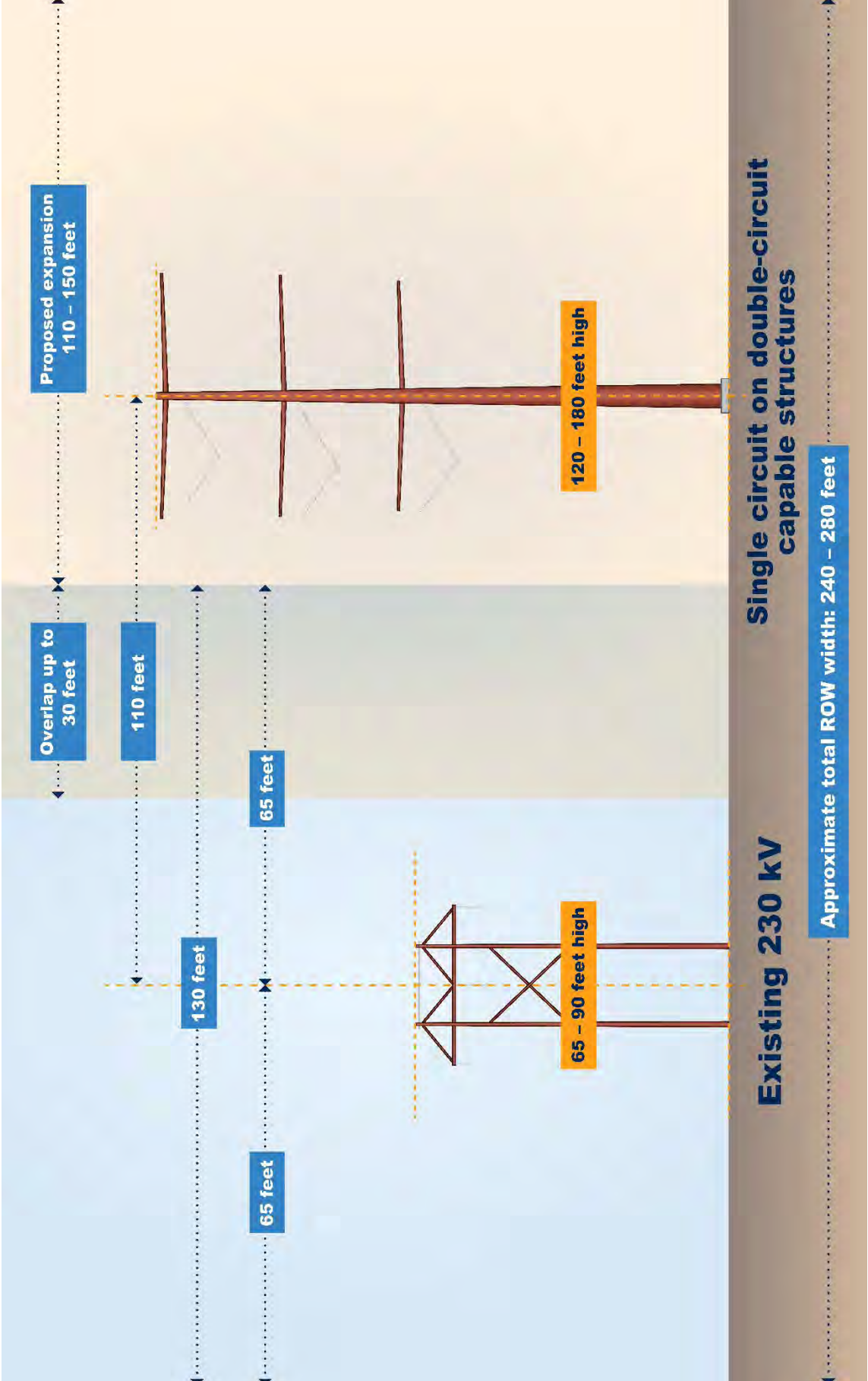
The typical width of the ROW will be a minimum of 150 feet (75 feet on each side of a transmission line). It is sometimes necessary to secure additional permanent ROW at angles or areas where specialty structures are used. It could also be necessary to secure temporary areas next to the permanent ROW for stringing and construction access. The project team will design the route to maximize the distance of the transmission structures from homes and businesses.

Connect with us

Stay up to date on the project by signing up for email updates or talking to a project team member.

Website: ISATransmissionProject.com **Email:** connect@ISATransmissionProject.com

Phone: 1-888-510-5303



Existing 230 kV

Single circuit on double-circuit capable structures

Approximate total ROW width: 240 - 280 feet

Proposed expansion
110 - 150 feet

120 - 180 feet high

65 - 90 feet high

Overlap up to
30 feet

110 feet

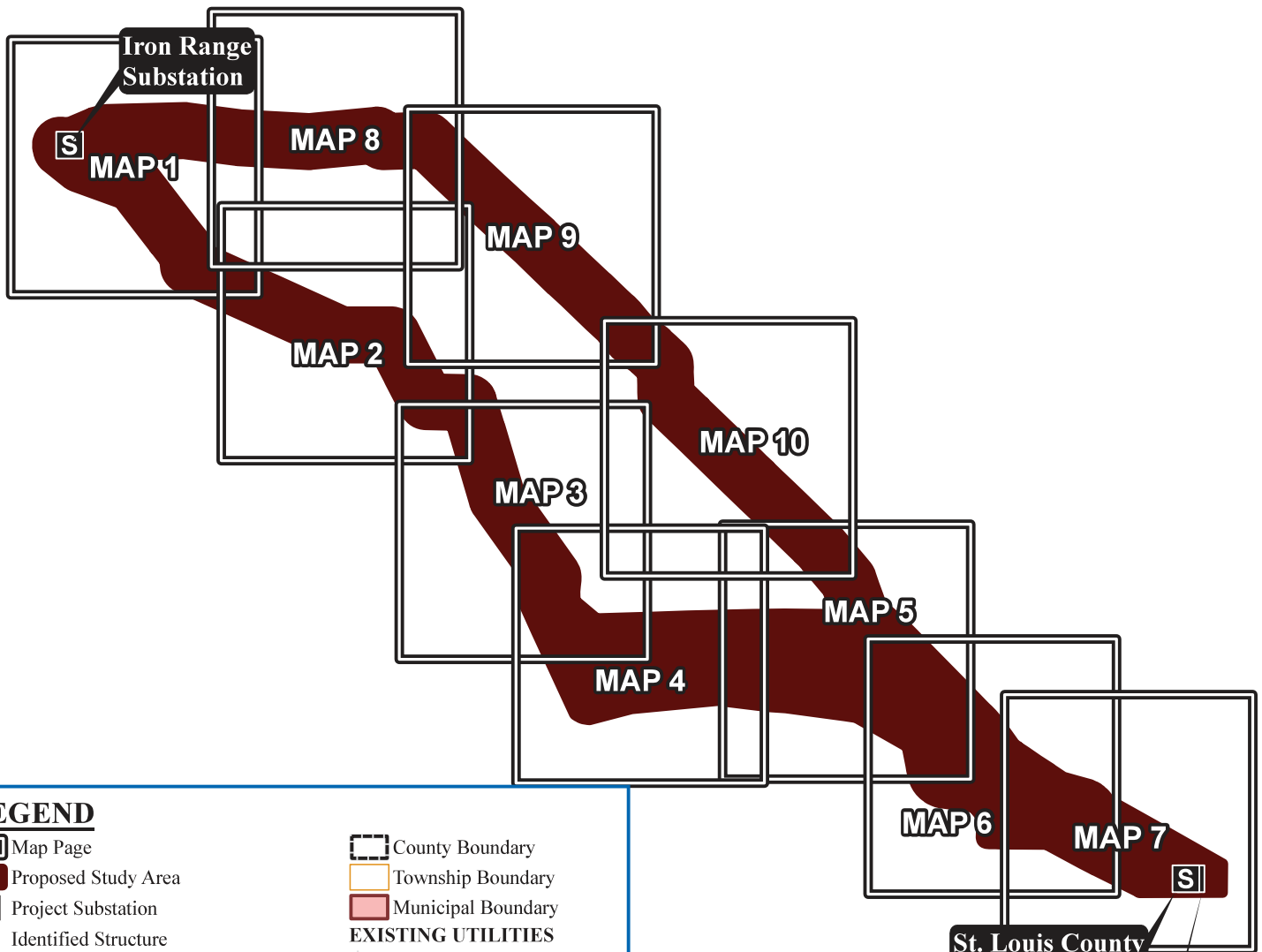
130 feet

65 feet

65 feet

MAY 2025 OPEN HOUSE MAP SET

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



LEGEND

- | | |
|---------------------------------|----------------------------|
| Map Page | County Boundary |
| Proposed Study Area | Township Boundary |
| Project Substation | Municipal Boundary |
| Identified Structure | EXISTING UTILITIES |
| Education Facility | 69 kV Transmission Line |
| Water Access Site | 115 kV Transmission Line |
| Communication Tower | 230 kV Transmission Line |
| Place of Worship | 250 kV Transmission Line |
| Cemetery | 500 kV Transmission Line |
| Airport | Pipeline (Oil) |
| Aquatic Management Area (AMA) | Pipeline (Natural Gas) |
| State Forest Land (Fee Surface) | HYDROLOGY |
| Railroad | River/Stream |
| State Trail | Lake, Pond, Reservoir |
| Snowmobile Trail | Public Water Watercourse |
| | Public Water Basin/Wetland |

St. Louis County Substation

Arrowhead Substation

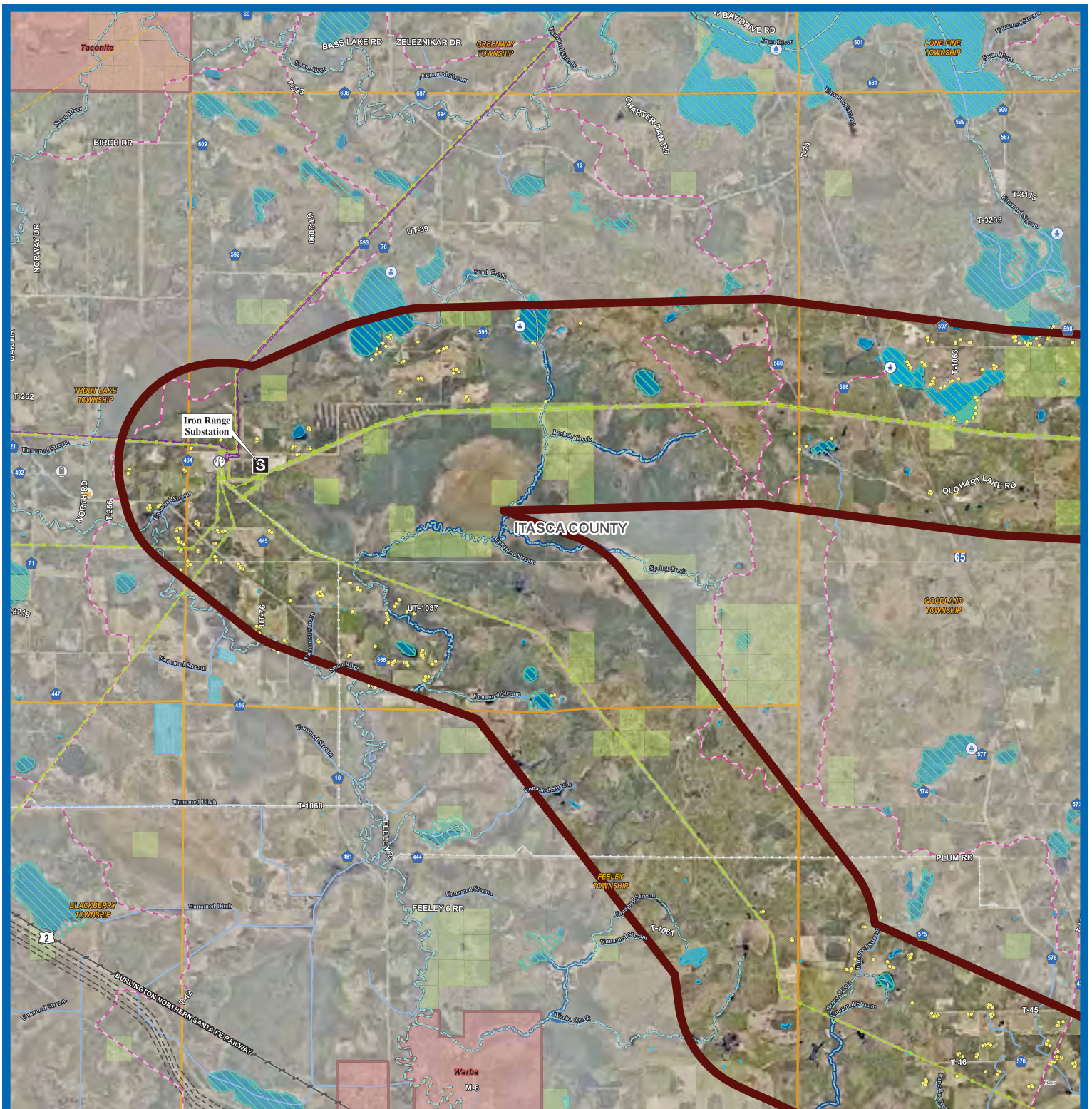
OVERVIEW



0 2.5 5 Miles

For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 1

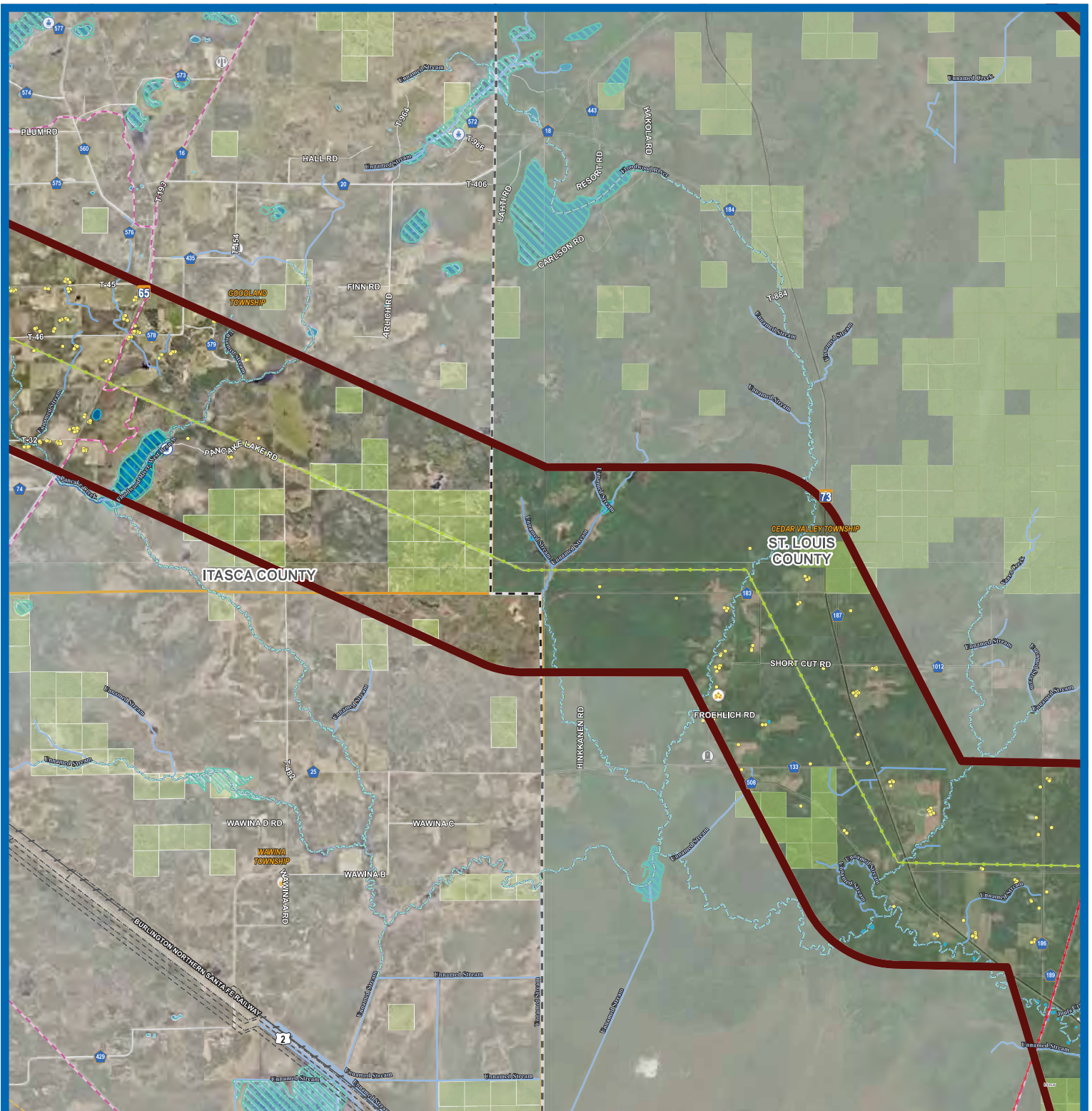
Itasca County



0 0.5 1 Miles

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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 2

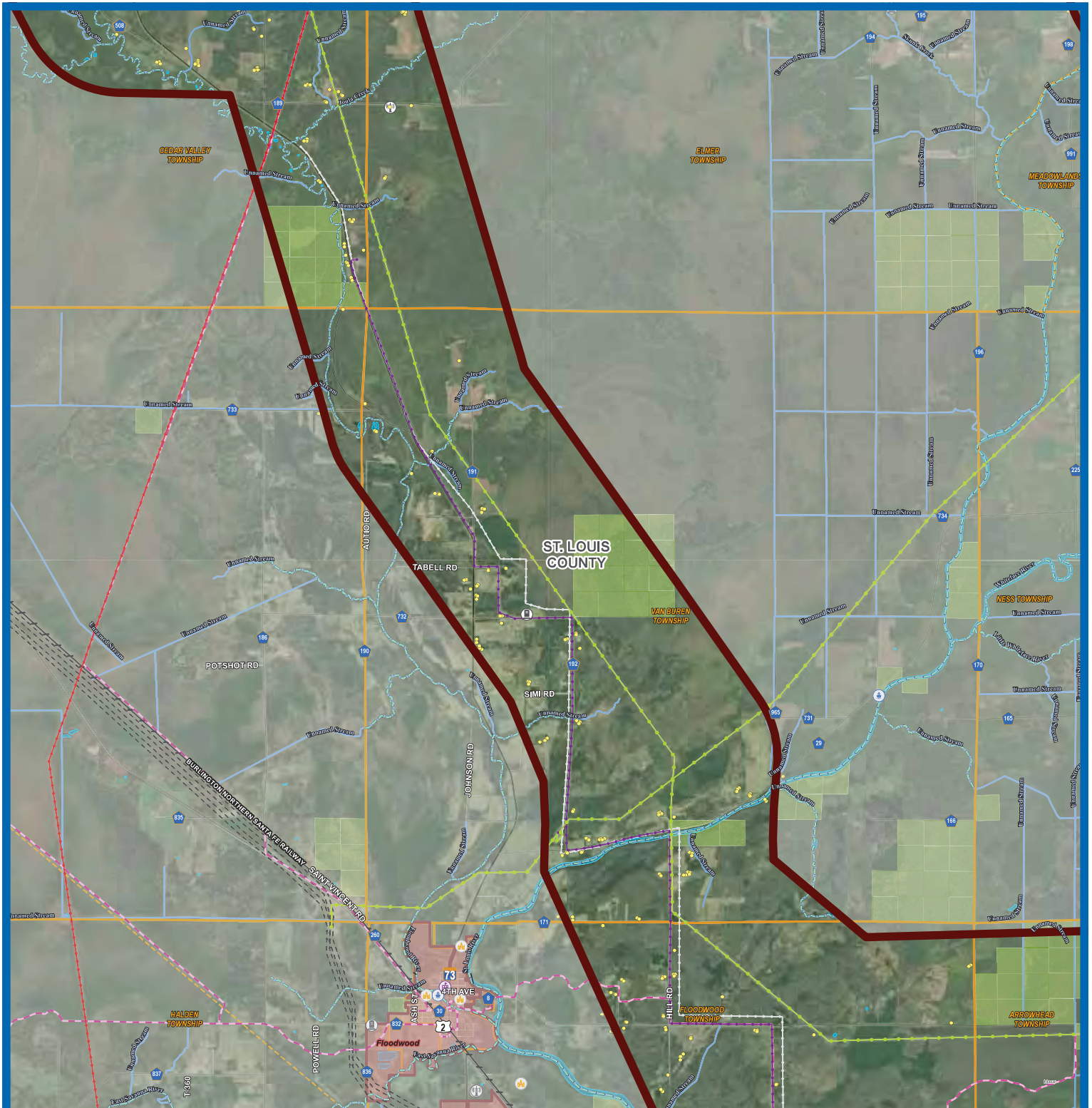
Itasca & St. Louis Counties



0 0.5 1 Miles

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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 3

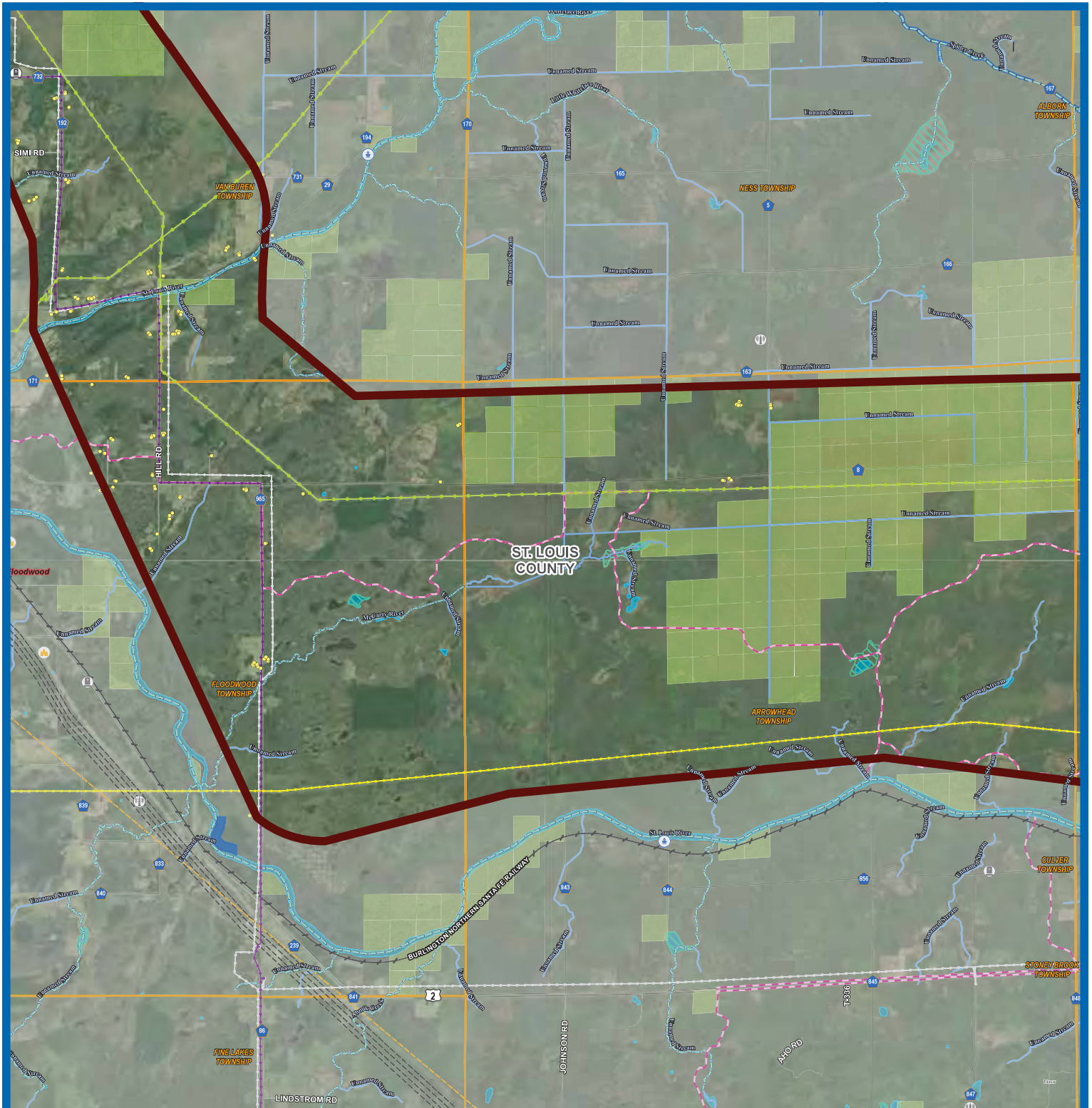
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 4

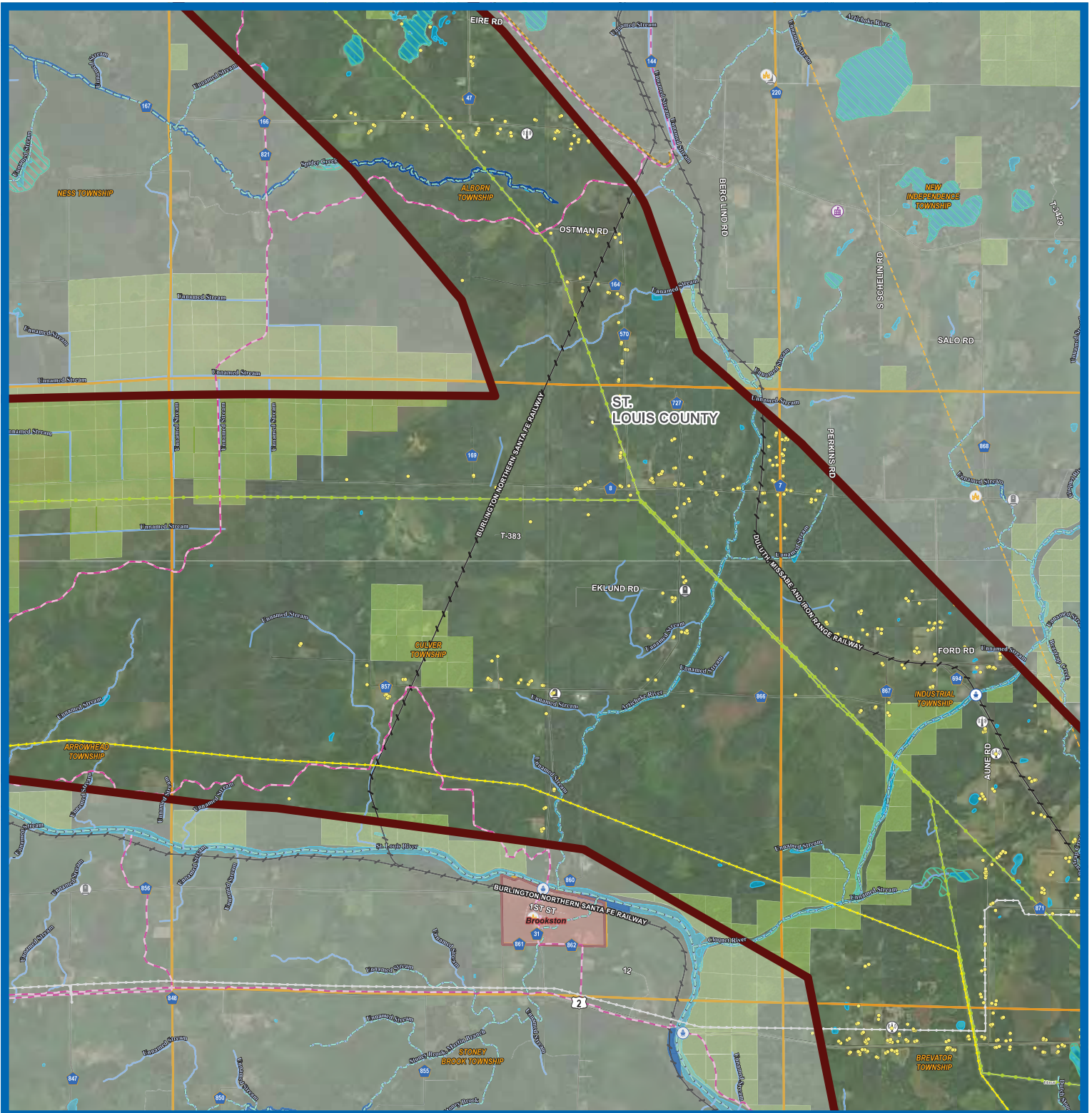
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 5

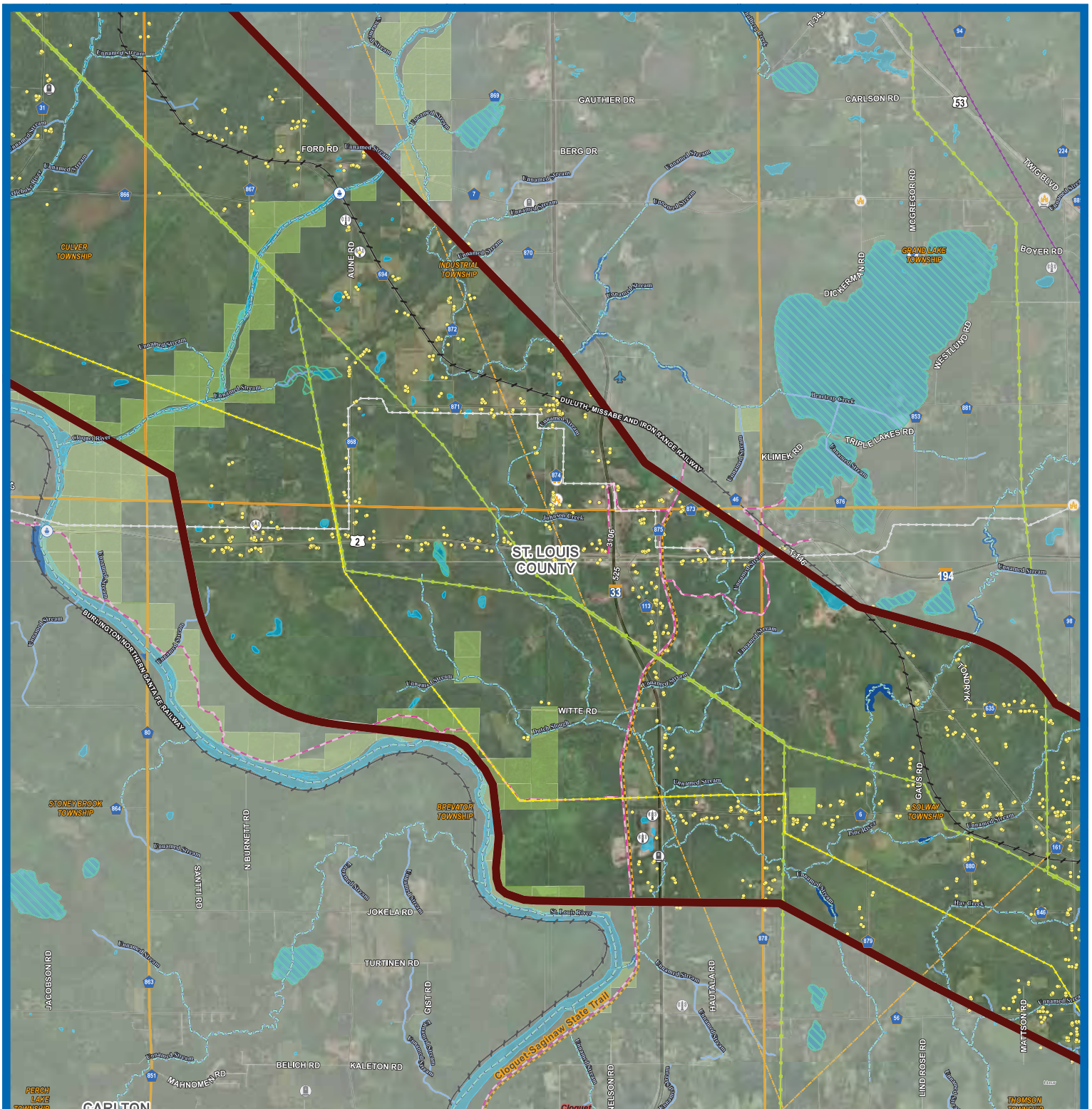
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 6

St. Louis County



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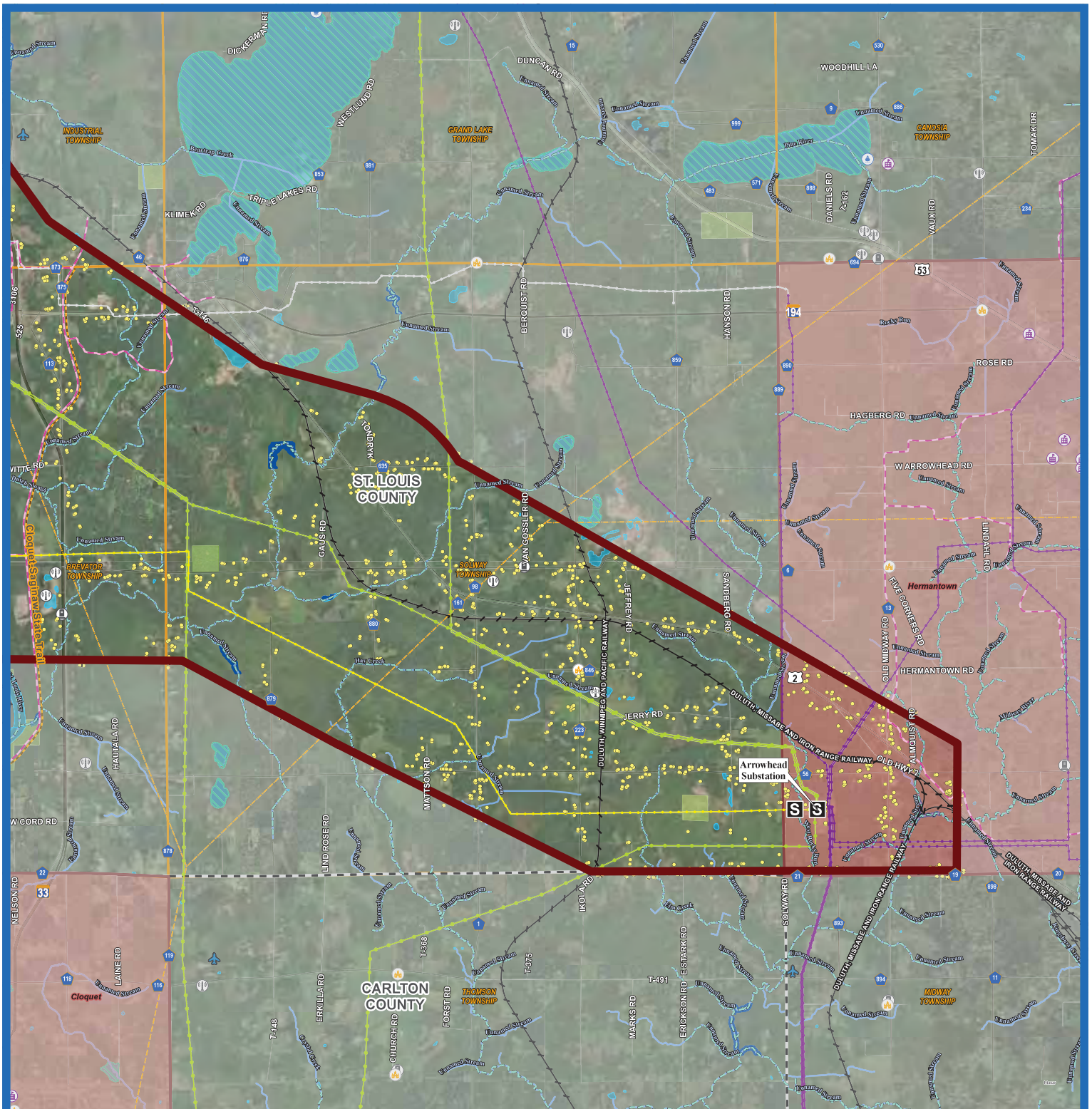
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ISA Combined Application
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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



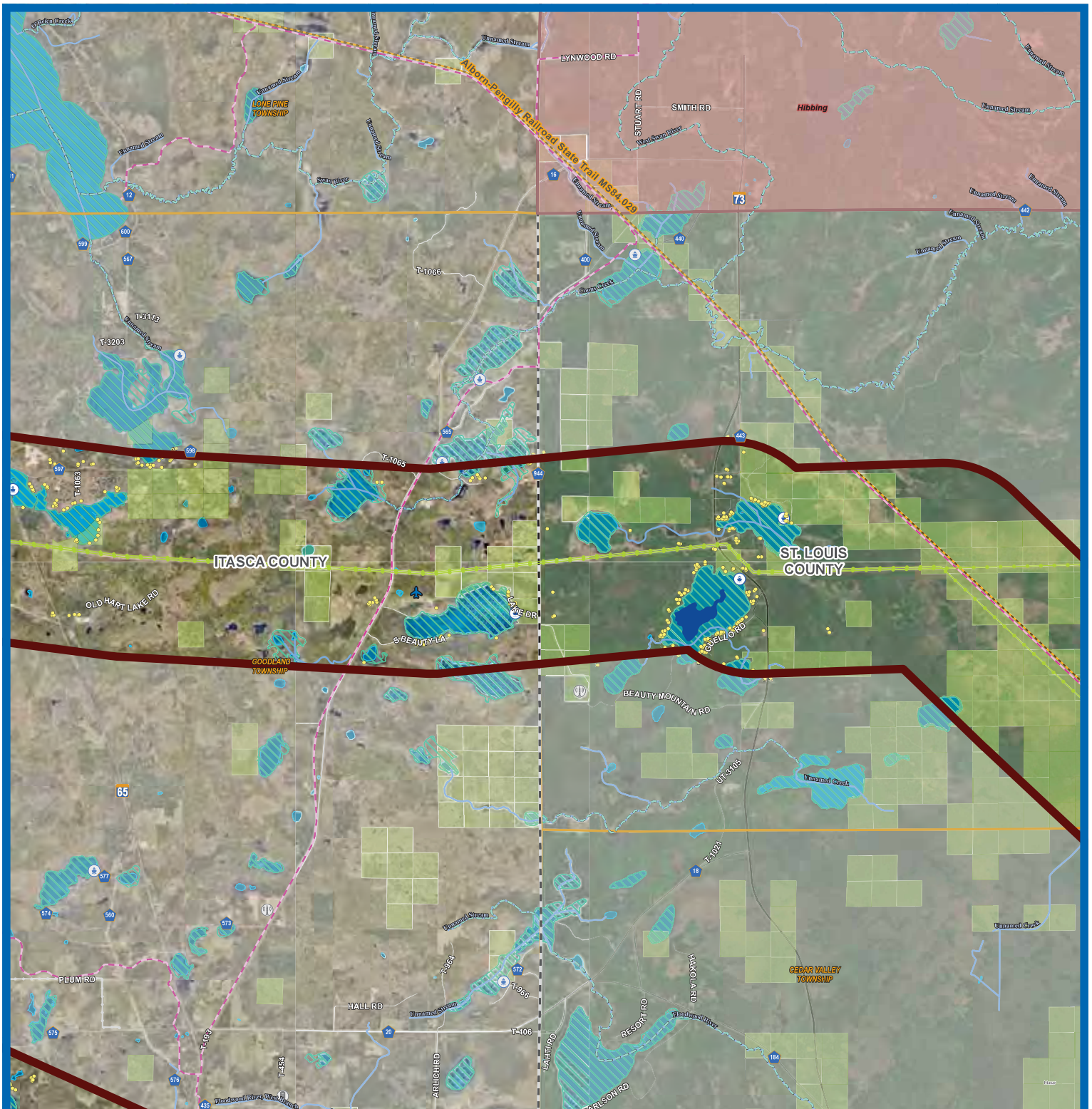
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 8

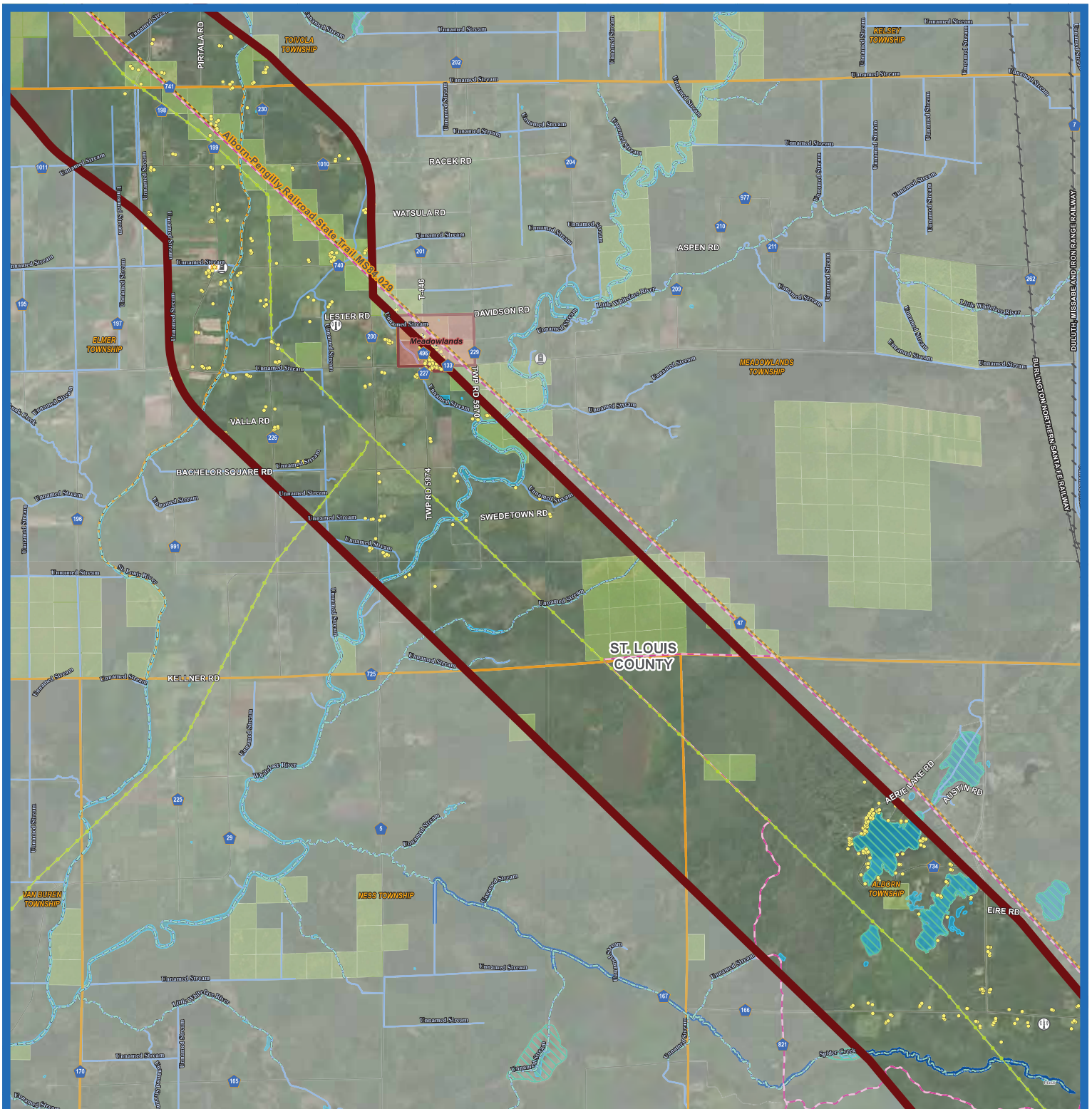
St. Louis County



0 0.5 1 Miles

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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 10

St. Louis County



0 0.5 1 Miles

For Environmental Review Purposes Only

From: Mandy Bohnenblust <mandy.bohnenblust@merjent.com>
Sent: Tuesday, May 6, 2025 10:52 AM
Cc: Zach Golkowski (MP) <zgolkowski@mnpower.com>; Dan Flo <dan.flo@merjent.com>; Marissa Honeycutt <marissa.honeycutt@merjent.com>
Subject: ISA Transmission Project May Open Houses

Minnesota Power is hosting Open Houses to introduce the ISA Transmission Project. The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Minnesota Power’s Iron Range Substation near Grand Rapids in Itasca County, Minnesota Power’s St. Louis County Substation, and American Transmission Company’s Arrowhead Substation near Hermantown, Minnesota.

Minnesota Power invites you to attend any of the Open Houses; the schedule is as follows:

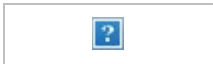
Tuesday, May 20	Wednesday, May 21	Thursday, May 22
1:00-3:00 PM Yanmar Arena 1401 NW 3rd Avenue Grand Rapids, MN 55744	5:00-8:00 PM Floodwood Event Center 201 W 7th Avenue Floodwood, MN 55736	12:00-2:00 PM Hermantown Government Center/City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811
5:00-8:00 PM Meadowlands Community Center 7758 Western Avenue Meadowlands, MN 55765		5:00-8:00 PM Solway Town Hall 4029 Munger Shaw Road Cloquet, MN 55720

Minnesota Power is seeking your input on the proposed routes and study area for the Project. If you have questions about the Project or the Open Houses, please contact Zach Golkowski, (218) 355-3366 or zgolkowski@mnpower.com.

Regards,

Mandy Bohnenblust on behalf of
Zach Golkowski
Project Manager – Environmental
Minnesota Power/ALLETE, Inc.

Mandy Bohnenblust
612.746.3677 direct
612.816.2097mobile
mandy.bohnenblust@merjent.com



1 Main Street SE, Suite 300
Minneapolis, MN 55414
612.746.3660 main
www.merjent.com

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Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



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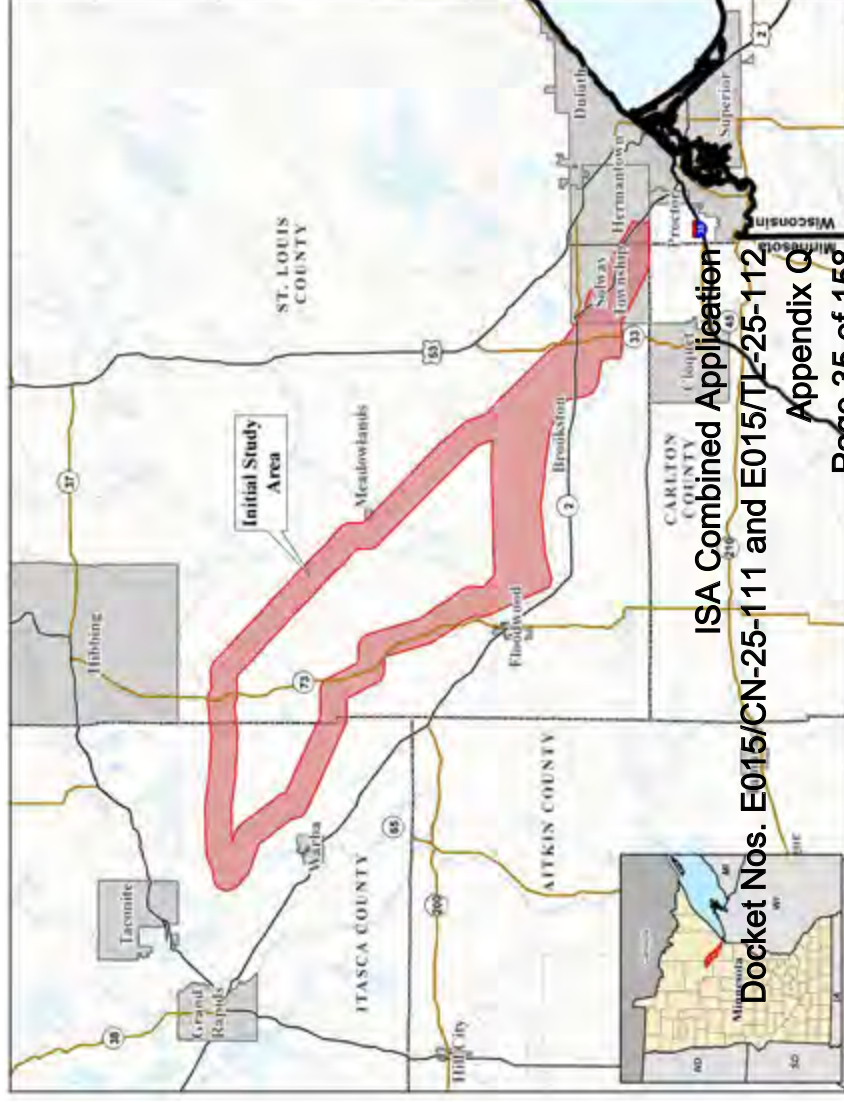
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May 2025 Open House Email - Federal, State, and Local Agencies

Organization	Name	Title	Email
Federal Aviation Administration	Marla Duchatellier	Air Traffic Technician	Marla.Duchatellier@faa.gov
Federal Aviation Administration	Ashley Wilson	Air Traffic Specialist	ashley.m.wilson@faa.gov
U.S. Department of Agriculture	Candi Fuller	District Conservationist	candi.fuller@usda.gov
U.S. Department of Agriculture	Allison Praet	District Conservationist	allison.praet@usda.gov
U.S. Fish and Wildlife Service	Robert Tawes	Field Supervisor	robert_tawes@fws.gov
Minnesota Department of Agriculture	Stephan Roos	Planner	stephan.roos@state.mn.us
Minnesota Department of Health	Christopher Parthun	Principal Planner	chris.parthun@state.mn.us
Minnesota Department of Health	Nick Budde	Hydrologist	nicholas.budde@state.mn.us
Minnesota Department of Health	Dereck Richter	Principal Planner	dereck.richter@state.mn.us
Minnesota Department of Health	Danielle Luzinski	Statewide Surface Water Hydrologist	danielle.luzinski@state.mn.us
Minnesota Department of Natural Resources	Shelly Patten	Regional Director	Shelly.patten@state.mn.us
Minnesota Department of Natural Resources	Grant Wilson	Regional Director	Grant.wilson@state.mn.us
Minnesota Department of Natural Resources	Kate Fairman	Environmental Review Operations Lead	kate.fairman@state.mn.us
Minnesota Department of Natural Resources	Becky Horton	EIS Project Manager	becky.horton@state.mn.us
Minnesota Department of Natural Resources	Diane Johnson	Realty Specialist, Utility License Crossing	diane.johnson@state.mn.us
Minnesota Department of Natural Resources	Jessica Parson	NE Region Ecologist	jessica.parson@state.mn.us
Minnesota Department of Natural Resources	Patty Thielen	NE Region Director	patty.thielen@state.mn.us

Organization	Name	Title	Email
Minnesota Department of Natural Resources	Brianna Speldrich	Hydrologist	Brianna.Speldrich@state.mn.us
Minnesota Department of Natural Resources	Molly Barrett	Natural Heritage Review Specialist	Molly.Barrett@state.mn.us
Minnesota Department of Natural Resources	Jim Drake	Natural Heritage Review Specialist	James.F.Drake@state.mn.us
Minnesota Department of Natural Resources	Chuck Carpenter	Northeast Regional Manager	Charles.Carpenter@state.mn.us
Minnesota Department of Transportation	Joe Pignato	Land Management Office Director	joseph.pignato@state.mn.us
Minnesota Department of Transportation	Stacy Kotch Egstad	Utility Routing and Siting Coordinator	stacy.kotch@state.mn.us
Minnesota Department of Transportation	Matt Meyer	Hydrologist	matthew.m.meyer@state.mn.us
Minnesota Department of Transportation	Tom Lee	Hydrologist	thomas.lee@state.mn.us
Minnesota Department of Transportation	Shane Gries	Right of Way Permits	shane.gries@state.mn.us
Minnesota Indian Affairs Council	Shannon Geshick	Executive Director	shannon.geshick@state.mn.us
Minnesota Indian Affairs Council	George Goggleye Jr.	Cultural Resources Manager	george.goggleye@state.mn.us
Minnesota Indian Affairs Council	Lilly Geraghty	Cultural Resources Manager	lilly.geraghty@state.mn.us
Minnesota Indian Affairs Council	Isaac Weston	Cultural Resources Manager	isaac.weston@state.mn.us
Minnesota Pollution Control Agency	Jim Dexter	Environmental Review Specialist	James.Dexter@state.mn.us
Minnesota Pollution Control Agency	Kirsten Barta	Regional General Permits	kirsten.barta@state.mn.us
Minnesota State Historic Preservation Office	Leslie Coburn	Manager, Environmental Review Specialist	leslie.coburn@state.mn.us
Minnesota State Historic Preservation Office	Kelly Gragg-Johnson	Environmental Review Specialist	kelly.graggjohnson@state.mn.us

Organization	Name	Title	Email
Office of the State Archaeologist	Amanda Gronhovd	MN State Archaeologist	Amanda.Gronhovd@state.mn.us
Public Utilities Commission	Bret Eknes	Supervisor	Bret.Eknes@state.mn.us
Minnesota Board of Soil and Water Resources	Ryan Hughes	Manager	ryan.hughes@state.mn.us
Minnesota Board of Soil and Water Resources	Matt Johnson	Wetland Specialist	matthew.johnson@state.mn.us
Minnesota Board of Soil and Water Resources	Waylon Glienke	Wetland Specialist	waylon.glienke@itascaswcd.org
Minnesota Board of Soil and Water Resources	Dave Demmer	Wetland Specialist	david.demmer@state.mn.us
Minnesota Board of Soil and Water Resources	Mark Lindhorst	Wetland Specialist	lindhorstm@stlouiscountymn.gov
Itasca County	Cory Smith	District 1 Commissioner	Cory.Smith@co.itasca.mn.us
Itasca County	Terry Snyder	District 2 Commissioner	Terry.Snyder@co.itasca.mn.us
Itasca County	John Johnson	District 3 Commissioner	John.Johnson@co.itasca.mn.us
Itasca County	Burl Ives	District 4 Commissioner	Burl.Ives@co.itasca.mn.us
Itasca County	Casey Venema	District 5 Commissioner and Chair	Casey.Venema@co.itasca.mn.us
Itasca County	Amanda Schultz	Deputy Clerk	amanda.schultz@co.itasca.mn.us
Itasca County	Brett Skyles	County Administrator	brett.skyles@co.itasca.mn.us
Itasca County	Katie Benes	Director	katie.benes@co.itasca.mn.us
Itasca County			assessorinfo@co.itasca.mn.us
Itasca County	Kory Cease	Land Commissioner	kory.cease@co.itasca.mn.us

Organization	Name	Title	Email
Feeley Township	Lori Hamm	Chair	dlhammer@frontiernet.net
Feeley Township	Debra Langanki	Supervisor	langanki@frontiernet.net
Feeley Township	Casey Dabrowski	Supervisor	cdabrowski@gmail.com
Feeley Township	Lori Gill	Clerk	feeleytwp@hotmail.com
Goodland Township	Charles Miller	Chair	supervisor.a.goodlandtownship@gmail.com
Goodland Township	Charlene Obrecht	Supervisor	supervisor.b.goodlandtownship@gmail.com
Goodland Township	Dave Detjen	Supervisor	supervisor.c.goodlandtownship@gmail.com
Goodland Township	Holly Henrickson	Clerk	goodlandtownship@gmail.com
Trout Lake Township	Michael Partlow	Chair	mike@troutlake.onmicrosoft.com
Trout Lake Township	Dwight Kessler	Supervisor	dwight@troutlake.onmicrosoft.com
Trout Lake Township	Pamela Perry	Supervisor	pam@troutlake.onmicrosoft.com
Trout Lake Township	Gwen Rutherford	Clerk	grutherford.troutlake.twp@gmail.com
Wawina Township	Rodney Leppanen	Chair	townofwawina@outlook.com
St. Louis County	Annie Harala	District 1 Commissioner, Chair	haralaa@stlouiscountymn.gov
St. Louis County	Patrick Boyle	District 2 Commissioner	boylep@stlouiscountymn.gov
St. Louis County	Ashley Grimm	District 3 Commissioner	grimma@stlouiscountymn.gov
St. Louis County	Paul McDonald	District 4 Commissioner	McDonaldP@StLouisCountyMN.gov

Organization	Name	Title	Email
St. Louis County	Keith Musolf	District 5 Commissioner	MusolfK@StLouisCountyMN.gov
St. Louis County	Keith Nelson	District 6 Commissioner	nelsonk@stlouiscountymn.gov
St. Louis County	Mike Jugovich	District 7 Commissioner, Vice Chair	jugovichm@stlouiscountymn.gov
St. Louis County	Phil Chapman	Clerk	chapmanp@stlouiscountymn.gov
St. Louis County		Administration	administration@stlouiscountymn.gov
St. Louis County	Ryan Logan	Director	joganr@stlouiscountymn.gov
St. Louis County			assrdept@stlouiscountymn.gov
St. Louis County			landdept@stlouiscountymn.gov
St. Louis County Economic & Community Development	Darren Jablonsky	Interim Director	JablonskyD@stlouiscountymn.gov
Alborn Township	Dale Larson	Chairman	Dale.Alborn@gmail.com
Alborn Township	Kurt Johnson	Supervisor A	kurt.alborn@gmail.com
Alborn Township	Tarah Vitek	Supervisor B	tarah.alborn@gmail.com
Alborn Township	Amanda Ellefson	Clerk	alborn.clerk@gmail.com
Arrowhead Township	Angela Irvine	Clerk	angie.irvine@yahoo.com
Brevator Township	Brenda Pallin	Clerk	Bpallin22@gmail.com
Cedar Valley Township	Barb Peterson	Clerk	cedarvalleyclerk@gmail.com
Culver Township	Catherine Elder	Clerk	elderccclerk@yahoo.com

Organization	Name	Title	Email
Elmer Township	Patricia Bernsdorf	Clerk	elmertownship@outlook.com
Floodwood Township	Rhonda Lundstrom	Clerk	townfloodwood@gmail.com
Hermantown City	Wayne Boucher	Mayor	mayorboucher@hermantownmn.com
Hermantown City	John Geissler	Councilor	councilorgeissler@hermantownmn.com
Hermantown City	Joe Peterson	Councilor	councilorpeter@hermantownmn.com
Hermantown City	Andy Hjelle	Councilor	councilorhjelle@hermantownmn.com
Hermantown City	Brian LeBlanc	Councilor	councilorleblanc@hermantownmn.com
Hermantown City	Alissa McClure	Clerk	amcclure@hermantownmn.com
Hermantown City	Eric Johnson	Director	eric.johnson@hermantownmn.com
Industrial Township	Amy Skluzacek	Clerk	industrialmn@outlook.com
Lavell Township	Megan Deslongchamps	Clerk	deslongchamps78@gmail.com
Meadowlands Township	Debra Zubrod	Clerk	debworksmdls@gmail.com
Minnesota Association of Townships	Kevin Cornnick	Director	kcornnick@mntownships.org
Ness Township	Trisha Anderson	Clerk	nesstownship@gmail.com
Solway Township	Tami McGregor	Clerk	solwayclerk@hotmail.com
Solway Township		Manager	landuseinfo@stlouiscountymn.gov
Toivola Township	Barry Margraf	Clerk	townshiptoivola@gmail.com

Organization	Name	Title	Email
Van Buren Township	Susan Hutchinson	Clerk	sue.rae.hutchinson@gmail.com

From: Mandy Bohnenblust <mandy.bohnenblust@merjent.com>
Sent: Tuesday, May 6, 2025 10:52 AM
Cc: Zach Golkowski (MP) <zgolkowski@mnpower.com>; Dan Flo <dan.flo@merjent.com>; Marissa Honeycutt <marissa.honeycutt@merjent.com>
Subject: ISA Transmission Project May Open Houses

Minnesota Power is hosting Open Houses to introduce the ISA Transmission Project. The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Minnesota Power’s Iron Range Substation near Grand Rapids in Itasca County, Minnesota Power’s St. Louis County Substation, and American Transmission Company’s Arrowhead Substation near Hermantown, Minnesota.

Minnesota Power invites you to attend any of the Open Houses; the schedule is as follows:

Tuesday, May 20	Wednesday, May 21	Thursday, May 22
1:00-3:00 PM Yanmar Arena 1401 NW 3rd Avenue Grand Rapids, MN 55744	5:00-8:00 PM Floodwood Event Center 201 W 7th Avenue Floodwood, MN 55736	12:00-2:00 PM Hermantown Government Center/City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811
5:00-8:00 PM Meadowlands Community Center 7758 Western Avenue Meadowlands, MN 55765		5:00-8:00 PM Solway Town Hall 4029 Munger Shaw Road Cloquet, MN 55720

Minnesota Power is seeking your input on the proposed routes and study area for the Project. If you have questions about the Project or the Open Houses, please contact Zach Golkowski, (218) 355-3366 or zgolkowski@mnpower.com.

Regards,

Mandy Bohnenblust on behalf of
Zach Golkowski
Project Manager – Environmental
Minnesota Power/ALLETE, Inc.

Mandy Bohnenblust
612.746.3677 direct
612.816.2097mobile
mandy.bohnenblust@merjent.com



1 Main Street SE, Suite 300
Minneapolis, MN 55414
612.746.3660 main
www.merjent.com

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Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



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OPEN HOUSE DETAILS

Join Minnesota Power at one of the Open Houses to learn more about the ISA Transmission Project and provide comments.

TUESDAY, MAY 20, 1:00-3:00PM

Yanmar Arena
1401 NW 3rd Avenue
Grand Rapids, MN 55744

TUESDAY, MAY 20, 5:00-8:00PM

Meadowlands Community Center
7758 Western Avenue
Meadowlands, MN 55765

WEDNESDAY, MAY 21, 5:00-8:00PM

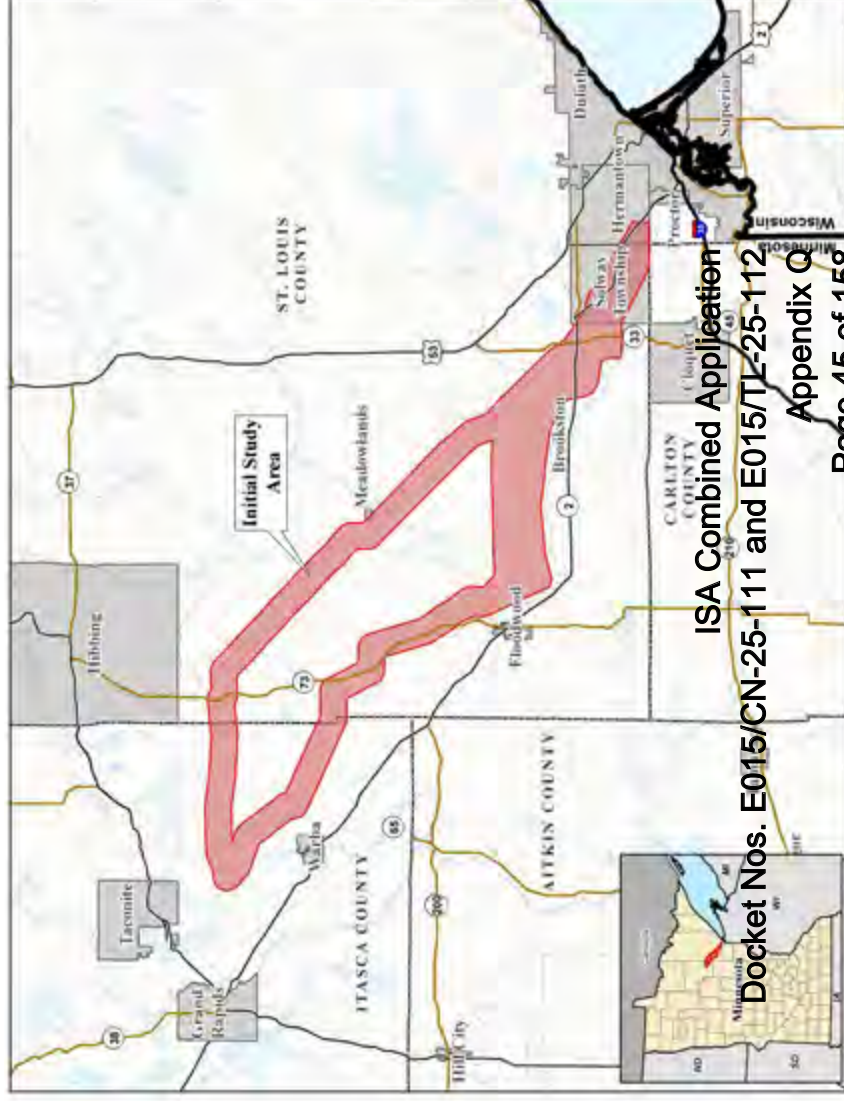
Floodwood Event Center
201 W 7th Avenue
Floodwood, MN 55736

THURSDAY, MAY 22, 12:00-2:00PM

Hermantown Government Center/
City Hall – Training Center
5105 Maple Grove Road
Hermantown, MN 55811

THURSDAY, MAY 22, 5:00-8:00PM

Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720



ISA Combined Application
Docket Nos. E015/CN-25-111 and E015/TL-25-112

Appendix C

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May 2025 Open House Email – Tribal Nations

Tribal Name	Name	Title	Email
1854 Treaty Authority	Sonny Myers	Executive Director	smyers@1854treatyauthority.org
Bois Forte Band of Chippewa	Cathy Chavers		cchavers@boisforte-nsn.gov
Bois Forte Band of Chippewa	Amy Mason		amy.mason@boisforte-nsn.gov
Bois Forte Band of Chippewa	Perry Drift		pdrift@boisforte-nsn.gov
Bois Forte Band of Chippewa	Shane Drift		sdrift@boisforte-nsn.gov
Bois Forte Band of Chippewa	Miranda Liliya	Tribal Historic Preservation Officer	miliya@boisforte-nsn.gov
Bois Forte Band of Chippewa	Robert Moyer, Jr.		rmoyer@boisforte-nsn.gov
Bois Forte Band of Chippewa	Tara Geshick		tara.geshick@boisforte-nsn.gov
Bois Forte Band of Chippewa	Jaylen Strong	Tribal Historic Preservation Officer	jaylen.strong@boisforte-nsn.gov
Fond du Lac Band of Lake Superior Chippewa	Robert Abramowski		robertabramowski@fdlband.org robabramowski5@gmail.com
Fond du Lac Band of Lake Superior Chippewa	Seth Bichler		sethbichler@fdlrez.com
Fond du Lac Band of Lake Superior Chippewa	Scott Buchanan		scottbuchanan@fdlrez.com
Fond du Lac Band of Lake Superior Chippewa	Caleb Dunlap		calebdunlap@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Wally Dupuis		wallydupuis@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Earl Otis		earlotis@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Bruce Savage	Chairman	brucesavage@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Bill Thompson		billthompson@fdlrez.com

Tribal Name	Name	Title	Email
Fond du Lac Band of Lake Superior Chippewa	Ian Young		ianyong@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Brad Blacketter		bradblacketter@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Evan Schroeder	Tribal Historic Preservation Officer	evanschroeder@fdlrez.com
Grand Portage Band of Lake Superior Chippewa	Bobby Deschampe	Chair	robertdeschampe@grandportage.com
Grand Portage Band of Lake Superior Chippewa	April McCormick		aprlm@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Toby Stephens		tobys@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Agatha Armstrong		agathaa@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Krishna Woerheide		kwoerheide@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Marie Spry		mariespry@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Rob Hull	Tribal Historic Preservation Officer	thpo@grandportage.com
Leech Lake Band of Ojibwe	Mike Chosa		mike.chosa@llojibwe.net
Leech Lake Band of Ojibwe	Kyle Fairbanks		kyle.fairbanks@llojibwe.net
Leech Lake Band of Ojibwe	Gov Relations		govt.relations@llojibwe.net
Leech Lake Band of Ojibwe	LeRoy Staples Fairbanks III		leroy.fairbanks@llojibwe.net
Leech Lake Band of Ojibwe	Eugene Strowbridge		eugene.strowbridge@llojibwe.net
Leech Lake Band of Ojibwe	Steve White		steve.white@llojibwe.net
Leech Lake Band of Ojibwe	Leonard Fineday		leonard.fineday@llojibwe.net

Tribal Name	Name	Title	Email
Leech Lake Band of Ojibwe	Brandy Toft		brandy.toft@llojibwe.net
Leech Lake Band of Ojibwe	Faron Jackson, Sr.	Chairman	faron.jackson@llojibwe.net
Leech Lake Band of Ojibwe	Ashley Harrison	Tribal Historic Preservation Officer	ashley.harrison@llojibwe.net
Leech Lake Band of Ojibwe	Gina Lemon	Tribal Historic Preservation Officer	gina.lemon@llojibwe.net
Lower Sioux Indian Community	Deb Diriam		deb.diriam@lowersioux.com
Lower Sioux Indian Community	Robert L Larsen	President	robert.larsen@lowersioux.com
Lower Sioux Indian Community	Robert Prescott		bob.prescott@lowersioux.com
Lower Sioux Indian Community	Tyler Prescott		tyler.prescott@lowersioux.com
Lower Sioux Indian Community	Miranda Sam		miranda.sam@lowersioux.com
Lower Sioux Indian Community	Nizhoni Smith		nizhoni.smith@lowersioux.com
Lower Sioux Indian Community	Joseph O'Brien		joey.obrien@lowersioux.com
Lower Sioux Indian Community	Kristi Schoen		kristi.schoen@lowersioux.com
Lower Sioux Indian Community	Cheyenne St. John	Tribal Historic Preservation Officer	cheyanne.stjohn@lowersioux.com
Mille Lacs Band of Ojibwe	Carolyn Beaulieu		carolyn.beaulieu@millelacsband.com
Mille Lacs Band of Ojibwe	Sheldon Boyd		sheldon.boyd@millelacsband.com
Mille Lacs Band of Ojibwe	Harry Davis		harry.davis@millelacsband.com
Mille Lacs Band of Ojibwe	Jamie Edwards		jamie.edwards@millelacsband.com

Tribal Name	Name	Title	Email
Mille Lacs Band of Ojibwe	Shena Matrious		shena.matrious@millelacsband.com
Mille Lacs Band of Ojibwe	Wendy Merrill		wendy.merrill@millelacsband.com
Mille Lacs Band of Ojibwe	Virgil Wind		virgil.wind@millelacsband.com
Mille Lacs Band of Ojibwe	Kelly Applegate		kelly.applegate@millelacsband.com
Mille Lacs Band of Ojibwe	Charles Lippert		charlie.lippert@millelacsband.com
Mille Lacs Band of Ojibwe	Mike Wilson	Tribal Historic Preservation Officer	mike.wilson@millelacsband.com
Minnesota Chippewa Tribe	Joel Smith		jsmith@mnchippewatribe.org
Prairie Island Indian Community	Constance Campbell		tori.campbell@piic.org
Prairie Island Indian Community	Michael Childs, Jr.		michael.childsir@piic.org
Prairie Island Indian Community	Blake Johnson		blake.johnson@piic.org
Prairie Island Indian Community	Grant Johnson	President	grant.johnson@piic.org
Prairie Island Indian Community	Jody Johnson		jody.johnson@piic.org
Prairie Island Indian Community	Ronald Johnson		ron.johnson@piic.org
Prairie Island Indian Community	Valentina Mgeni		valentina.mgeni@piic.org
Prairie Island Indian Community	Jessie Seim		jessie.seim@piic.org
Prairie Island Indian Community	Heather Westra		heather.westra@piic.org
Prairie Island Indian Community	Noah White	Tribal Historic Preservation Officer	noah.white@piic.org

Tribal Name	Name	Title	Email
Red Lake Nation	Jason Defoe		jasondefoe@redlakenation.org
Red Lake Nation	Vernelle Lussier		vernelle.lussier@redlakenation.org
Red Lake Nation	Joe Plumer		joe.plumer@redlakenation.org
Red Lake Nation	Samuel Strong		sam.strong@redlakenation.org
Red Lake Nation	Darrell Seki, Sr.	Chairman	dseki@redlakenation.org
Red Lake Nation	Kade Ferris	Tribal Historic Preservation Officer	kade.ferris@redlakenation.org
Shakopee Mdewakanton Sioux Community	Steve Albrecht		steve.albrecht@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Cole W. Miller	Chairman	cole.miller@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Bill Rudnicki		bill.rudnicki@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Leonard Wabasha	Tribal Historic Preservation Officer	leonard.wabasha@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Joe Bathel		jbathel7@yahoo.com
Upper Sioux Community	Jeremy Hamilton		jhamilton@upper Siouxcommunity-nsn.gov
Upper Sioux Community	Kevin Jensvold	Chairman	kevinj@upper Siouxcommunity-nsn.gov
Upper Sioux Community	Samantha Odegaard	Tribal Historic Preservation Officer	samanthao@upper Siouxcommunity-nsn.gov
Upper Sioux Community	Adam Savariego		adams@upper Siouxcommunity-nsn.gov
Upper Sioux Community	Camille Tanhoff		kamjp@upper Siouxcommunity-nsn.gov
Upper Sioux Community	Caralyn Trutna		carrie@upper Siouxcommunity-nsn.gov

Tribal Name	Name	Title	Email
White Earth Nation	Laura Erickson		laura.erickson@whiteearth-nsn.gov
White Earth Nation	Henry Fox		henry.fox@whiteearth-nsn.gov
White Earth Nation	Christie Haverkamp		christie.haverkamp@whiteearth-nsn.gov
White Earth Nation	Mike Laroque		mike.laroque@whiteearth-nsn.gov
White Earth Nation	Nate Mathews		nathan.mathews@whiteearth-nsn.gov
White Earth Nation	Jacob McArthur		jacob.mcarthur@whiteearth-nsn.gov
White Earth Nation	Mike Smith		icecrackingswamp@gmail.com
White Earth Nation	Eugene Sommers		eugene.sommers@whiteearth-nsn.gov
White Earth Nation	Joe Tonihka		joe.tonihka@whiteearth-nsn.gov
White Earth Nation	Michael Fairbanks	Chairman	michael.fairbanks@whiteearth-nsn.gov
White Earth Nation	Laurie York		laurie.york@whiteearth-nsn.gov
White Earth Nation	Jaime Arsenault	Tribal Historic Preservation Officer	jaime.arsenault@whiteearth-nsn.gov
Minnesota Department of Commerce	Chase Christopher	Tribal Liaison	chase.christopherson@state.mn.us



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Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



Virtual Open House

Thank you for joining us online today. We greatly appreciate your input in helping us review and refine the preliminary route for this project. On the following slides you'll learn more about the project, review maps, and have the opportunity to provide input about the initial study area.

Who we are

Minnesota Power provides electric service within a 26,000-square-mile area in northeastern Minnesota, supporting comfort, security and quality of life for 150,000 customers, 15 municipalities and some of the largest industrial customers in the United States.

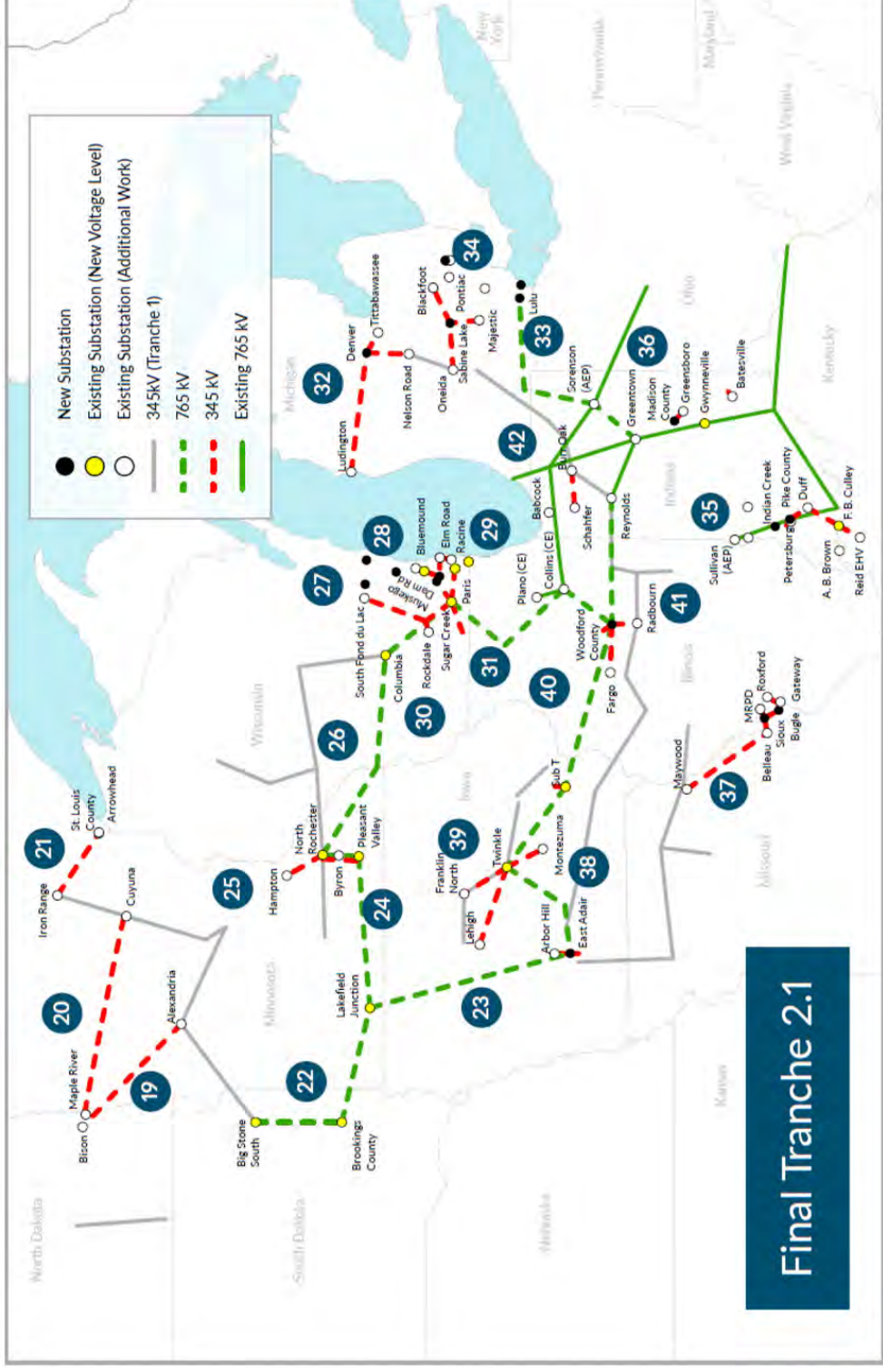
About the Project

Minnesota Power is proposing to construct an approximately 63-mile-long, 345-kV transmission line from Minnesota Power's Iron Range Substation near Grand Rapids, Minnesota, to Minnesota Power's St. Louis County Substation near Hermantown, with a connection to American Transmission Company's nearby Arrowhead Substation.

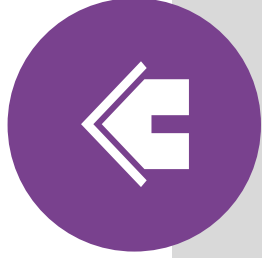


MISO, the regional grid operator, approved this project as part of a regional plan.

Learn more at misoenergy.org



Project need



Enhance grid reliability in the Upper Midwest as grid operating conditions become more variable



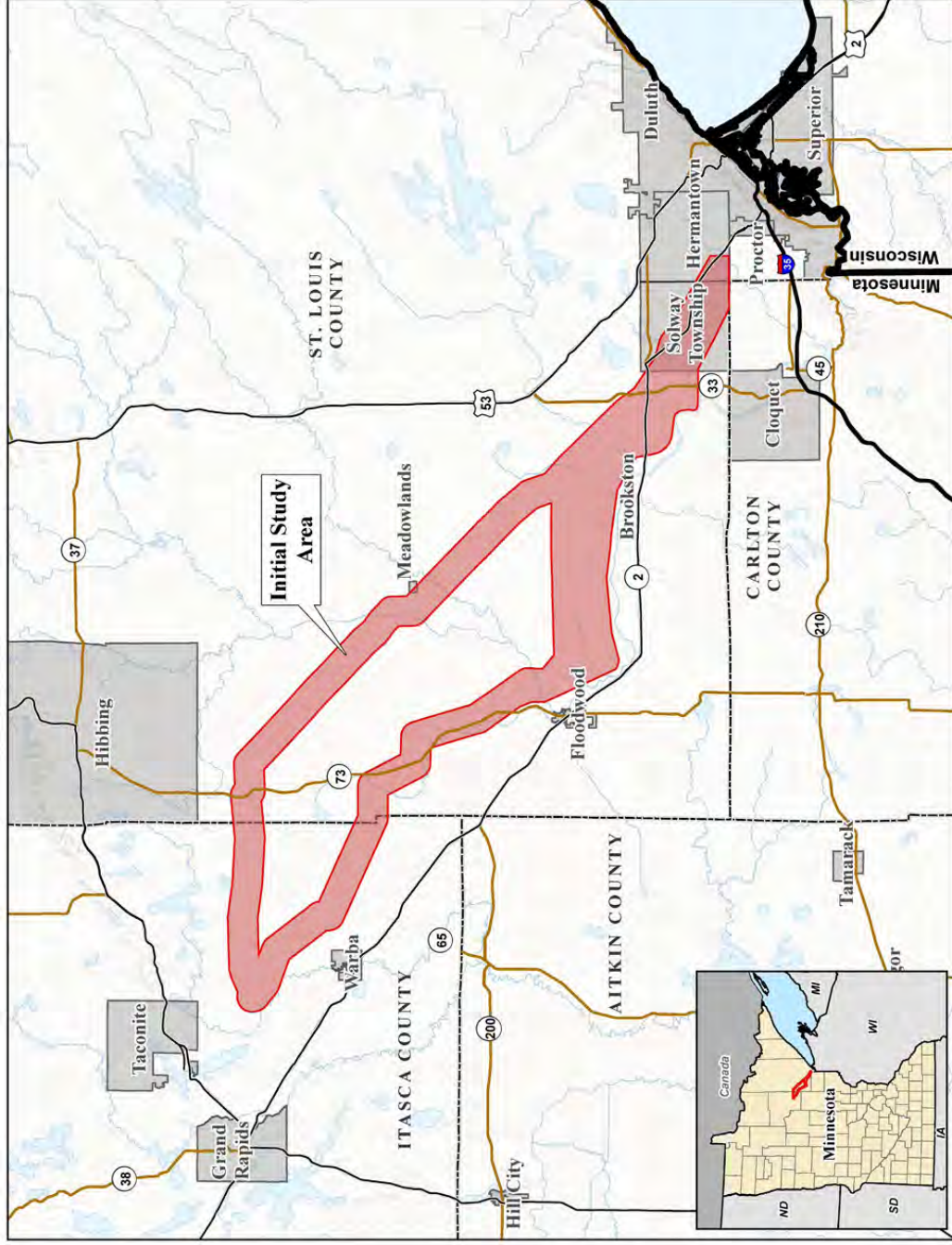
Increase grid efficiency as energy is transferred from where it is produced to where it is needed



Meet the growing demand for reliable clean energy in the Upper Midwest

Initial Study Area

The Study Area will be evaluated for potential routing opportunities based on stakeholder feedback



Project components

A new, approximately 62-mile-long, single-circuit 345 kilovolt (kV) transmission line built on double-circuit capable structures from Minnesota Power's Iron Range Substation near Grand Rapids in Itasca County, Minnesota to Minnesota Power's St. Louis County Substation near Hermantown, Minnesota

A new, approximately 1-mile-long double circuit 345 kV transmission line from Minnesota Power's St. Louis County Substation to American Transmission Company's Arrowhead Substation near Hermantown, St. Louis County, Minnesota

Project timeline

2026-2028



Permitting, engineering,
environmental surveys, ROW
acquisition, and public engagement



2025

Stakeholder engagement and
routing



2029-2032

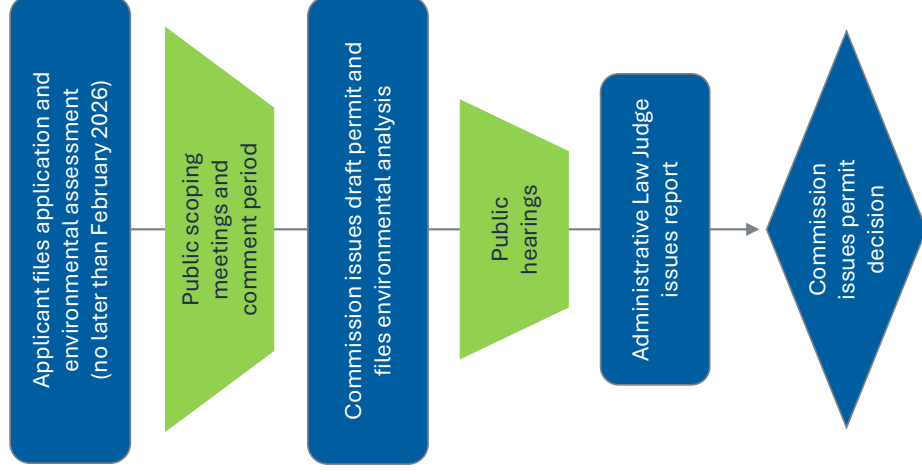
Construction



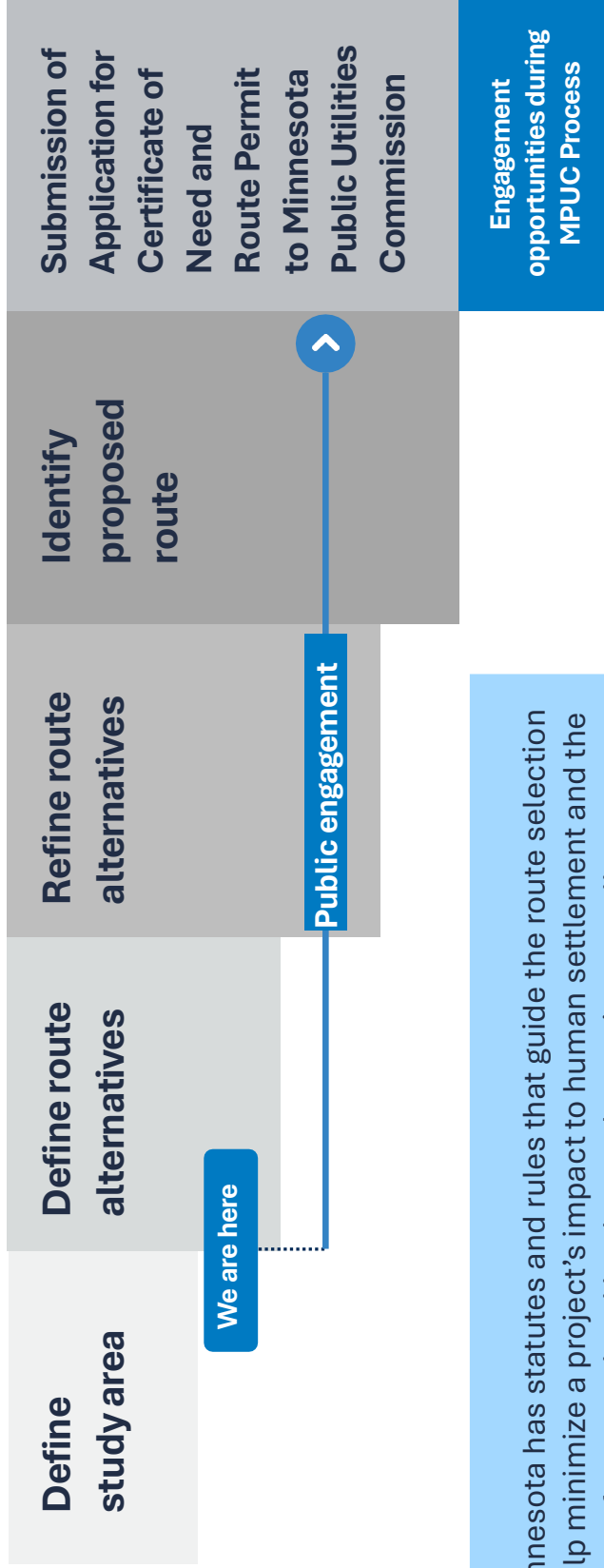
2032

Anticipated in-service

Permitting timeline



Our routing process & input opportunities



The state of Minnesota has statutes and rules that guide the route selection process and help minimize a project's impact to human settlement and the environment. Input from you, local leaders and agencies as well as our own expertise is critical as we develop and finalize a route.

Routing process considerations

The criteria for route development is set by Minnesota statute and guides our routing process. To route a project, we consider:

- Opportunities
- Constraints
- Engineering and construction considerations

Anticipated studies

Field surveys allow the project team to verify or collect new information about the proposed route to help minimize impacts for construction of the transmission line. Studies may include:

- Geotechnical
- Biological
- Cultural resources
- Wetland and waterbodies
- Invasive species
- Protected species
- Raptor nests



Right-of-way

What is a right-of-way?

A right-of-way, or ROW, is a strip of land used for a specific purpose such as the construction, operation and maintenance of a road or transmission line. Right-of-way is typically secured as an easement on a property.

What is an easement?

An ownership interest in real property allowing Minnesota Power the right to construct, operate and maintain a transmission line and other associated infrastructure on your property.

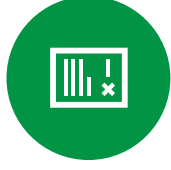
Our right-of-way acquisition process



Landowners are contacted to begin right-of-way acquisition process.



An easement is presented to a landowner. An offer based on fair market value is presented.



We work closely with the landowner to resolve concerns and reach an agreement. An easement is recorded.

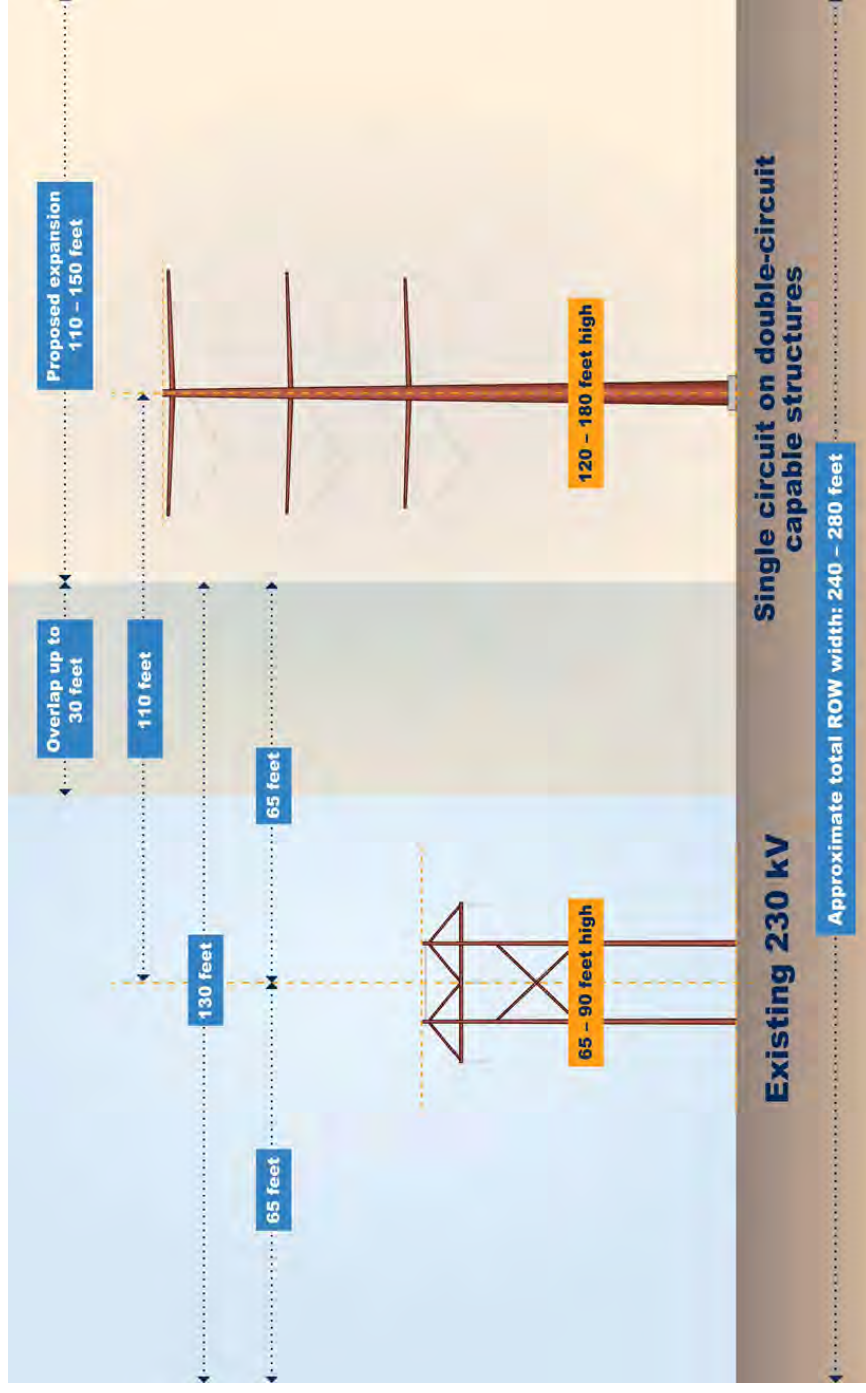


The utilities construct, operate, and maintain the transmission line within the right-of-way.

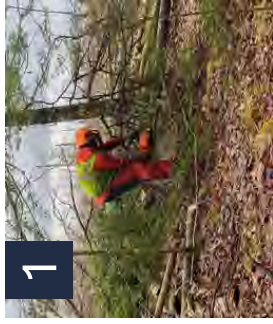
Typical design

Structure type factors:

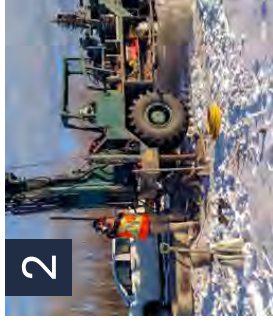
- Land use/land cover
- Topography
- Water/wetlands
- Soil types



Typical preconstruction and construction activities



1 Initial surveying, right-of-way clearing and access routes

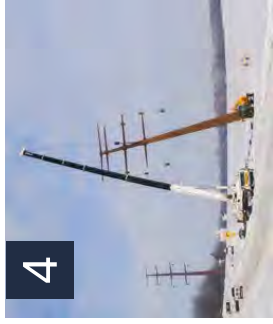


2 Structure staking, surveying and soils investigations as needed

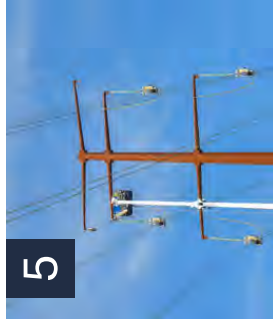


3 Foundation installation

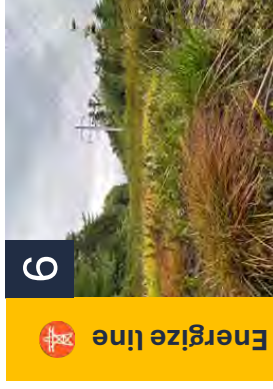
Foundation type may vary depending on structure



4 Assemble and set structures

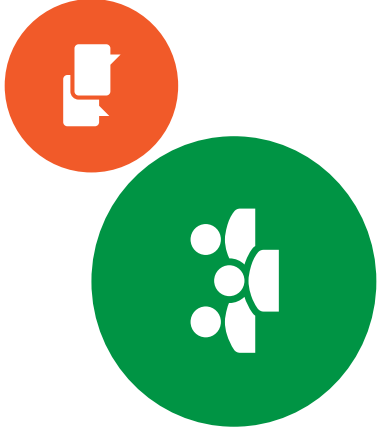


5 Wire installation



6 Cleanup and restoration

Connect with us!



- Email the project team:
connect@ISATransmissionProject.com
- Call the project hotline: **1-888-510-5303**
- Sign up to receive project updates or submit a comment: **ISATransmissionProject.com/contact-us**

You can also sign up to receive updates from the Minnesota Public Utilities Commission.

Visit **edockets.state.mn.us/documents** and enter the docket number:

- Certificate of Need docket number 25-111
- Route Permit docket number 25-112

Thank you!



AN ALLETE COMPANY

For Release: May 20, 2025

Contact: Amy Rutledge

Director, Corporate Communications

Minnesota Power/ALLETE

arutledge@mnpower.com

Public invited to learn about Minnesota Power’s plans for new 345-kV transmission line to support grid reliability and regional growth

Minnesota Power is hosting a series of open houses this week where members of the public can learn about the company’s proposed 63-mile-long, 345-kV transmission line from its Iron Range Substation near Grand Rapids, Minnesota, to its St. Louis County Substation near Hermantown, Minnesota, with a connection to American Transmission Company’s nearby Arrowhead Substation.

The Iron Range – St. Louis County – Arrowhead (ISA) Transmission Project is one in a portfolio of transmission projects approved by the regional grid operator, Midcontinent Independent System Operator (MISO), in its 2024 Long-Range Transmission Planning portfolio. As a part of this larger portfolio, the ISA Transmission Project will:

- Enhance regional transfer capability and grid reliability in the Upper Midwest, providing flexibility as grid operating conditions become more variable;
- Increase economic efficiency and relieve congestion as energy is transferred from where it is produced to where it is needed; and
- Support load growth, fleet transition, and electrification as the demand for reliable clean energy increases across the region.

The open houses are an opportunity for the public to ask questions and provide valuable input to determine the best possible route for the project. Project displays and detailed maps will be available for review, and project team members will be available to answer questions. The open house schedule is as follows:

Tuesday, May 20	Wednesday, May 21	Thursday, May 22
1:00-3:00 PM Yanmar Arena 1401 NW 3rd Avenue Grand Rapids, MN 55744	5:00-8:00 PM Floodwood Event Center 201 W 7th Avenue Floodwood, MN 55736	Noon-2:00 PM Hermantown Government Center/City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811
5:00-8:00 PM Meadowlands Community Center 7758 Western Avenue Meadowlands, MN 55765		5:00-8:00 PM Solway Town Hall 4029 Munger Shaw Road Cloquet, MN 55720

For more information about the project and to view a map of the initial study area, visit ISATransmissionProject.com. To ask a question, leave a comment, or be added to the project mailing list, send an email to connect@ISATransmissionProject.com or call the project hotline at 1-888-510-5303.

Minnesota Power provides electric service within a 26,000-square-mile area in northeastern Minnesota, supporting comfort, security and quality of life for 150,000 customers, 14 municipalities and some of the largest industrial customers in the United States. More information can be found at mnpower.com. *ALE-CORP*

ALLETE, Inc. is an energy company headquartered in Duluth, Minnesota. In addition to its electric utilities, Minnesota Power and Superior Water, Light and Power of Wisconsin, ALLETE owns ALLETE Clean Energy, based in Duluth; BNI Energy in Bismarck, N.D.; and New Energy Equity, headquartered in Annapolis, Maryland; and has an 8% equity interest in the American Transmission Co. More information about ALLETE is available at www.allete.com.

Minnesota Power calculates and reports carbon emissions based on the GHG Protocol. Details in ALLETE's Corporate Sustainability Report.

The statements contained in this release and statements that ALLETE may make orally in connection with this release that are not historical facts, are forward-looking statements. Actual results may differ materially from those projected in the forward-looking statements. These forward-looking statements involve risks and uncertainties and investors are directed to the risks discussed in documents filed by ALLETE with the Securities and Exchange Commission.

Over 280 characters (Facebook, Instagram, etc.):

1. Facebook post:

Sunday, May 18

Join us at an open house near you and learn about the Iron Range St. Louis County Arrowhead Transmission Project.

The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

Tuesday, May 20, 1- 3 p.m.

Yanmar Arena

1401 NW 3rd Avenue

Grand Rapids, MN 55744

Tuesday, May 20, 5 – 8 p.m.

Meadowlands Community Center

7758 Western Avenue

Meadowlands, MN 55765

Wednesday, May 21, 5 – 8 p.m.

Floodwood Event Center

201 W 7th Avenue

Floodwood, MN 55736

Thursday, May 22, 12 – 2 p.m.

Hermantown Government Center/City Hall – Training Center
5105 Maple Grove Road
Hermantown, MN 55811

Thursday, May 22, 5 – 8 p.m.

Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720

For more information about the project and to view a map of the initial study area, visit ISATransmissionProject.com.

To ask a question, leave a comment, or be added to the project mailing list, send an email to connect@ISATransmissionProject.com or call the project hotline at 1-888-510-5303.

2. Facebook post, Monday, May 19 targeting Grand Rapids

Join us at an open house tomorrow, Tuesday, May 20 from 1 – 3 p.m., at the Yanmar Arena to learn about the Iron Range St. Louis County Arrowhead Transmission Project.

The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

Here are the details:

Tuesday, May 20, 1- 3 p.m.

Yanmar Arena
1401 NW 3rd Avenue
Grand Rapids, MN 55744

For more information about the project and to view a map of the initial study area, visit ISATransmissionProject.com.

3. Facebook post, Tuesday, May 20 targeting Meadowlands, Floodwood, Cloquet

Join us at an open house near you and learn about the Iron Range St. Louis County Arrowhead Transmission Project.

The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

We're hosting open houses in Meadowlands, Floodwood, Hermantown and Cloquet. Here are the details:

Tuesday, May 20, 5 – 8 p.m.

Meadowlands Community Center

7758 Western Avenue

Meadowlands, MN 55765

Wednesday, May 21, 5 – 8 p.m.

Floodwood Event Center

201 W 7th Avenue

Floodwood, MN 55736

Thursday, May 22, 12 – 2 p.m.

Hermantown Government Center/City Hall – Training Center

5105 Maple Grove Road

Hermantown, MN 55811

Thursday, May 22, 5 – 8 p.m.

Solway Town Hall

4029 Munger Shaw Road

Cloquet, MN 55720

For more information about the project and to view a map of the initial study area, visit ISATransmissionProject.com.

Under 280 characters (X):

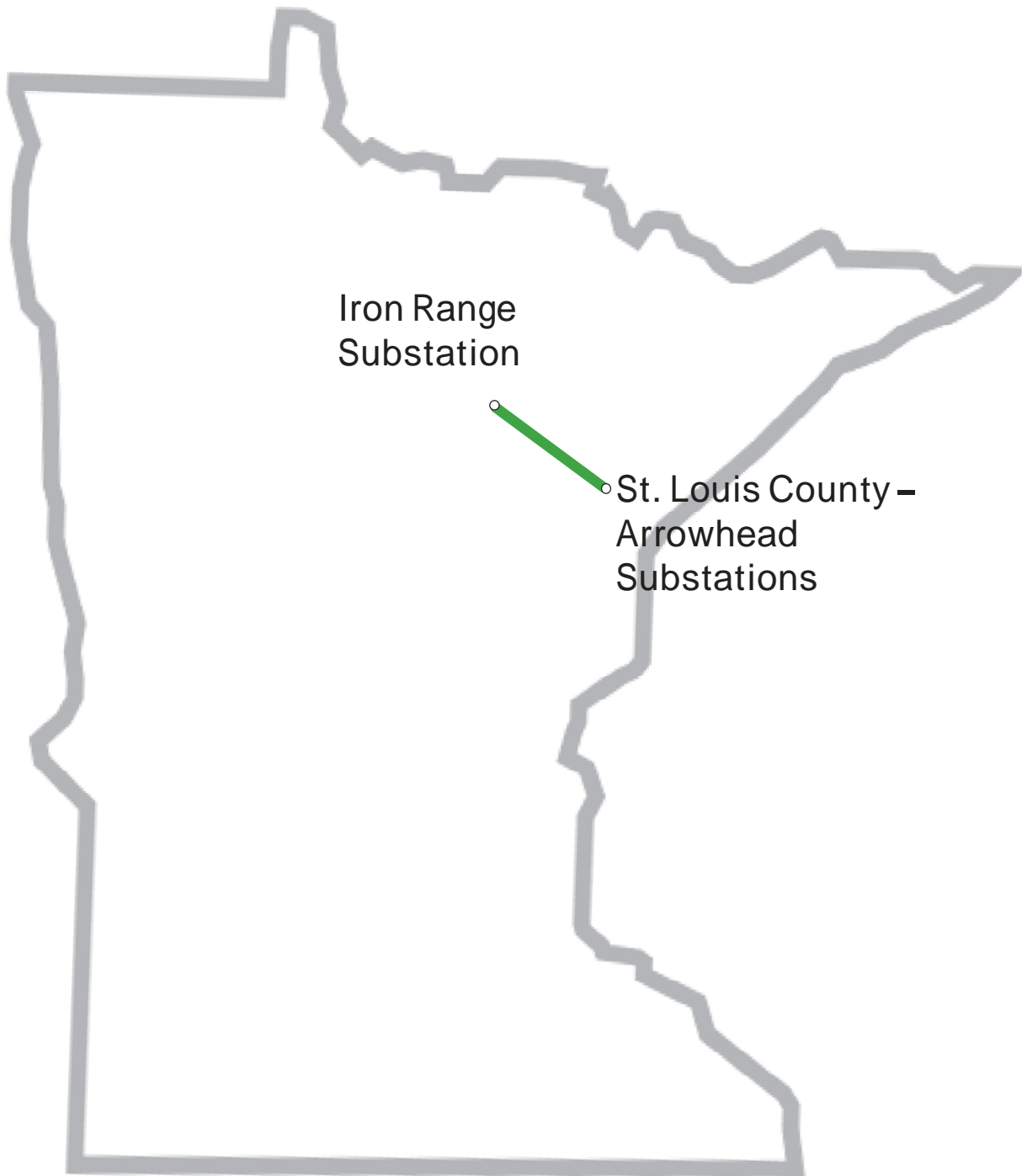
We're hosting Open Houses to introduce the ISA Transmission Project. Join us on one of the dates below to learn more. We look forward to hearing your feedback!

Tuesday, May 20: Grand Rapids & Meadowlands

Wednesday, May 21: Floodwood

Thursday, May 22: Hermantown & Solway Township

Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



Right-of-Way Acquisition

What is right-of-way?

A right-of-way, or ROW, is a strip of land used for a specific purpose such as the construction, operation and maintenance of a road or transmission line. Right-of-way is typically secured as an easement on a property.

What is an easement?

An ownership interest in real property allowing Minnesota Power the right to construct, operate and maintain a transmission line and other associated infrastructure on your property.

Our right-of-way acquisition process:

Project representatives will hold individual meetings with affected landowners to discuss right-of-way needs.



Landowners are contacted to begin right-of-way acquisition process.



An easement is presented to a landowner. An offer based on fair market value is presented.



We work closely with the landowner to resolve concerns and reach an agreement. An easement is recorded.



The utilities construct, operate and maintain the transmission line within the right-of-way.

Additional right-of-way needs may include:

- Construction staging areas
- Substation expansions
- Temporary access roads

Construction

Typical preconstruction and construction activities



1

- ▲ Initial surveying, right-of-way clearing and access routes



2

- ▲ Structure staking, surveying and soils investigations as needed



3

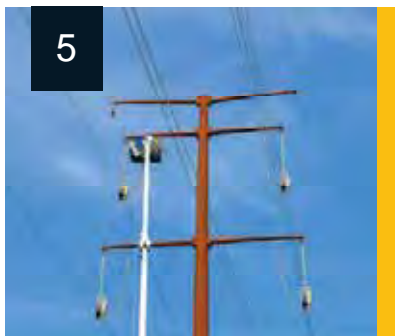
- ▲ Foundation installation

Foundation type may vary depending on structure



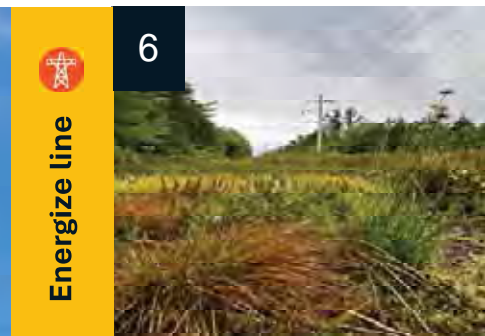
4

- ▲ Assemble and set structures



5

- ▲ Wire installation



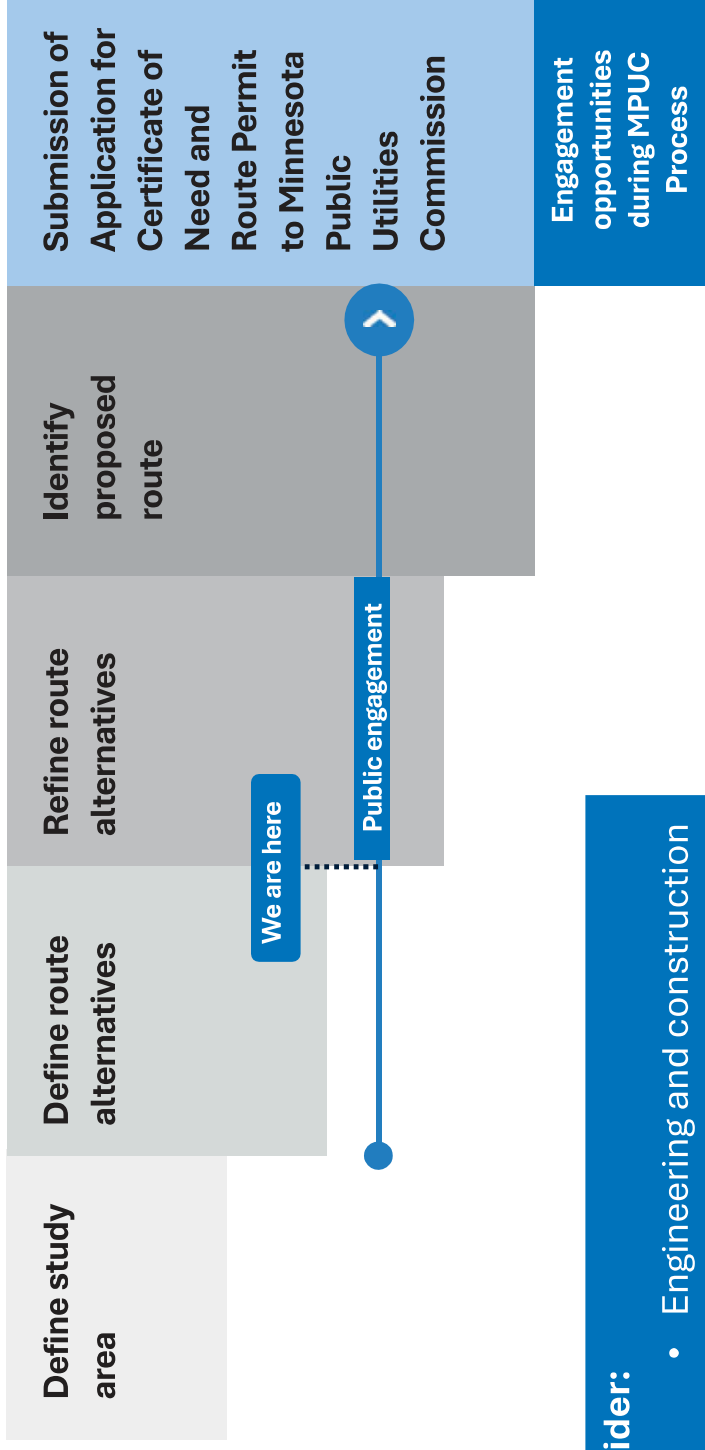
6

- ▲ Cleanup and restoration

Typical preconstruction survey types:

- Field surveys
- Wildlife surveys
- Archaeological surveys
- Wetland and stream surveys
- Soil surveys

Our Routing Process



To route a project, we consider:

- Opportunities
- Constraints
- Engineering and construction considerations

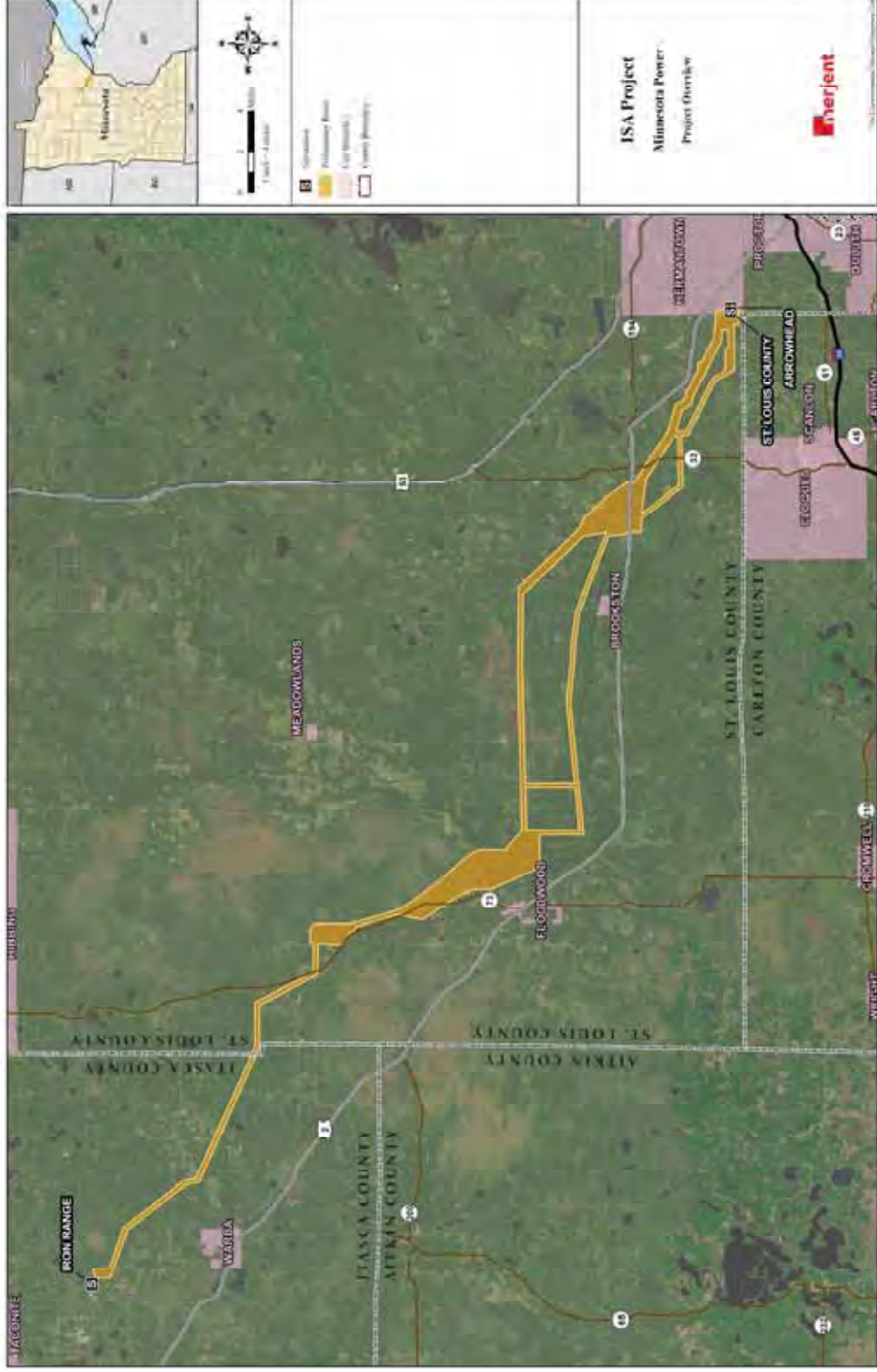
Your input matters

We need your help to identify opportunities and constraints



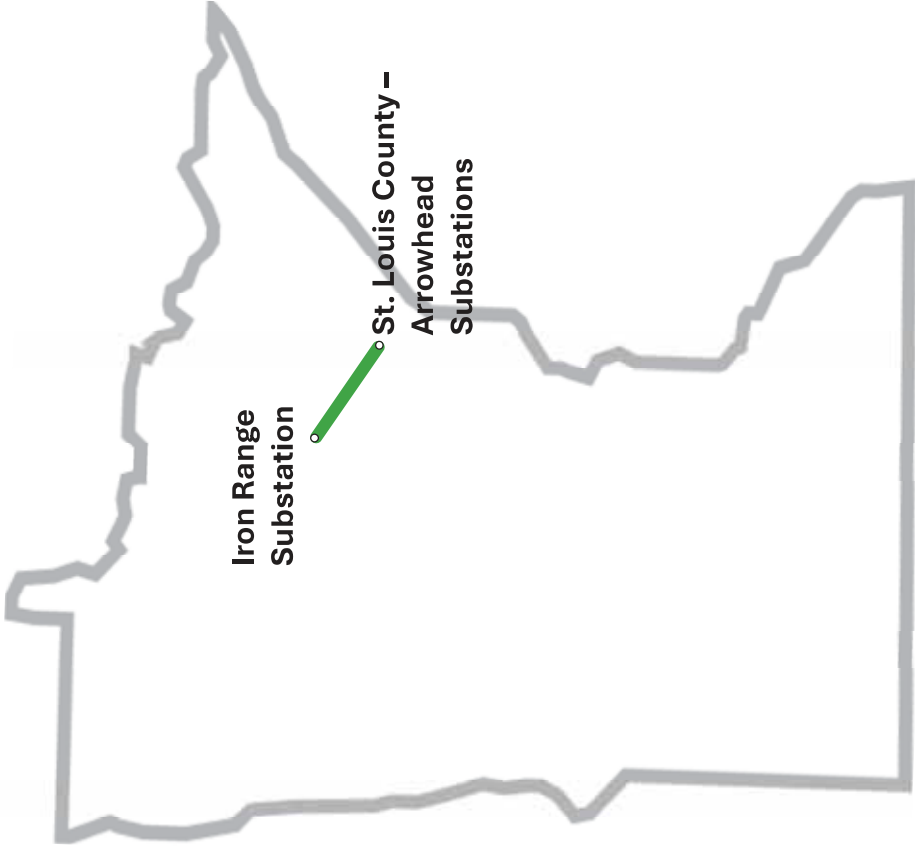
ISA Transmission Project

Preliminary Route Map



ISA Transmission Project

Project Need



Enhance grid reliability in the Upper Midwest as grid operating conditions become more variable

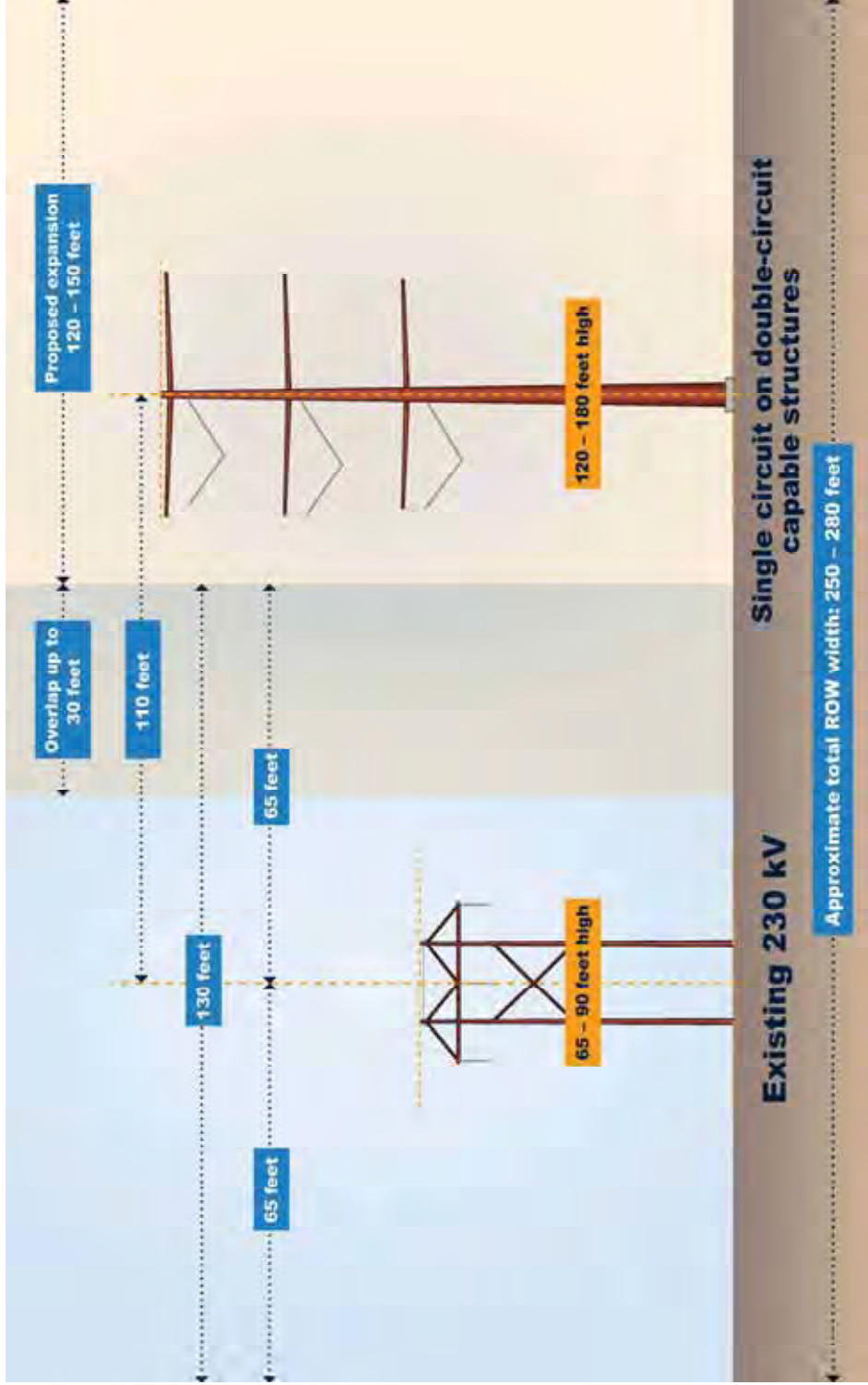


Increase grid efficiency as energy is transferred from where it is produced to where it is needed



Meet the growing demand for reliable clean energy in the Upper Midwest

Right-of-Way (ROW) Typical Construction



Project Timeline

2026-2028

Permitting, engineering, environmental surveys, ROW acquisition, and public engagement



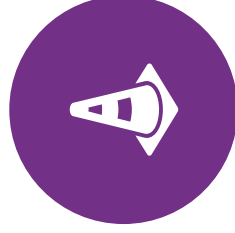
2025

Stakeholder engagement and routing



2029-2032

Construction



2032

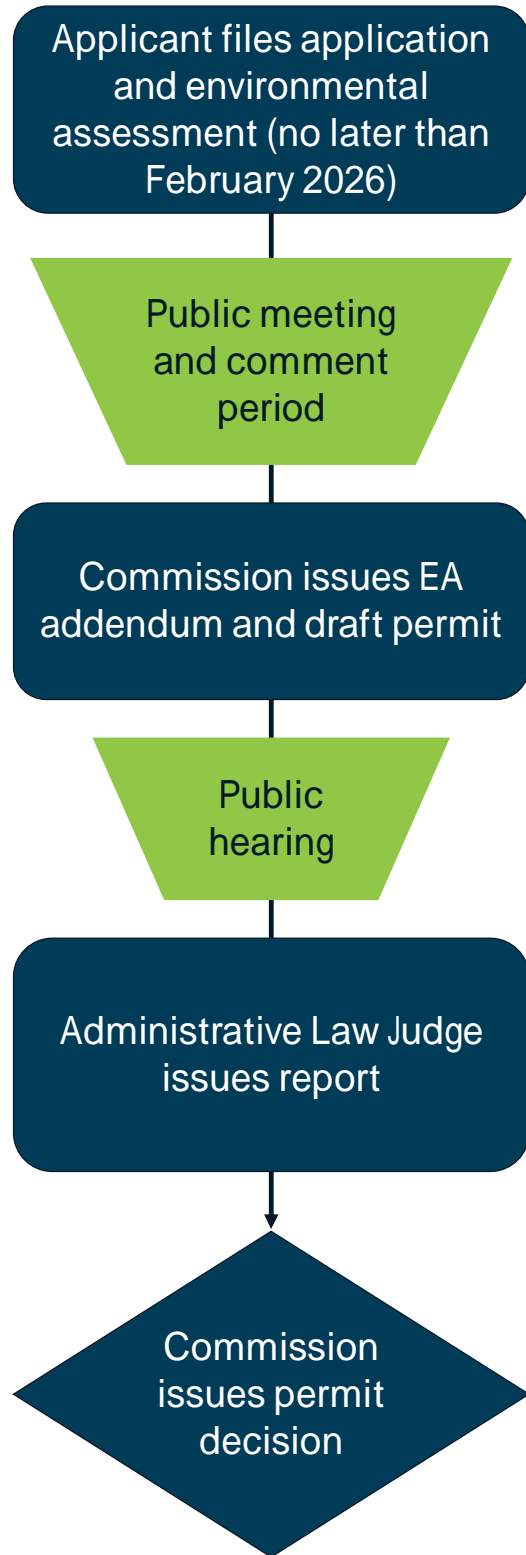
In-service



Permitting

Minnesota Public Utilities Commission (MPUC)

High-Voltage Transmission Line Permitting Process



Environmental Surveys

Minnesota Power will conduct a variety of studies and surveys during different phases of project development. These field surveys allow the project team to verify or collect new information about the proposed route to help minimize impacts for construction of the transmission line.

Permission will be requested for right of entry to allow survey teams access to private property to conduct required field surveys. More detailed information will be provided to property owners in advance of teams conducting surveys on private property.



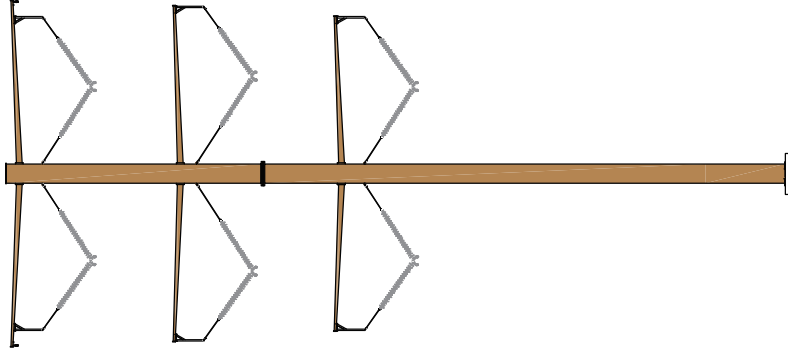
Cypripedium arietinum

Possible surveys include the following, which may vary by location:

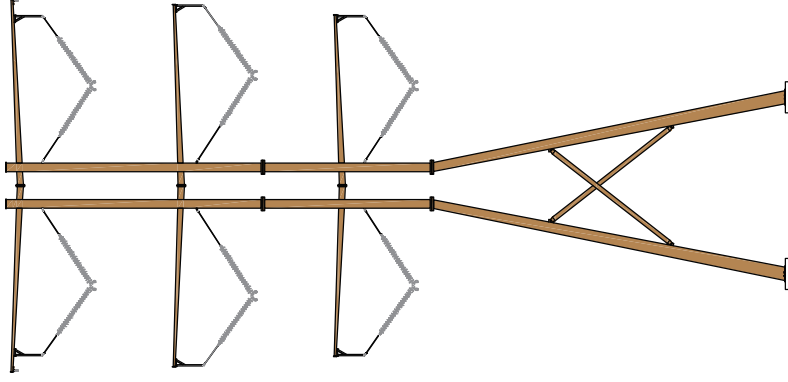
- Geotechnical
- Biological
- Cultural resources
- Wetland and waterbodies
- Invasive species
- Protected species
- Raptor nest

Potential Structure Design Concepts

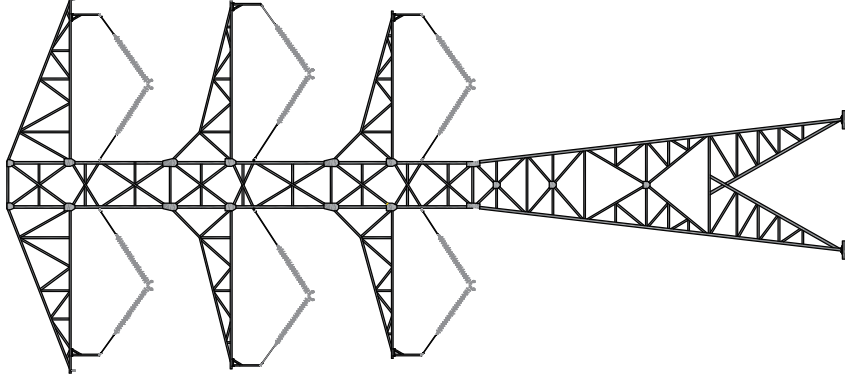
Tubular Monopole



Tubular Lattice



Lattice



Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT



minnesota power

AN ALLETE COMPANY

OPEN HOUSE DETAILS

WEDNESDAY, AUG 6, 12:00-2:00PM

Coleraine City Hall
Nyberg Community Center
302 Roosevelt Avenue
Coleraine, MN 55722

WEDNESDAY, AUG 6, 5:00-7:00PM

Floodwood Event Center
201 W 7th Avenue
Floodwood, MN 55736

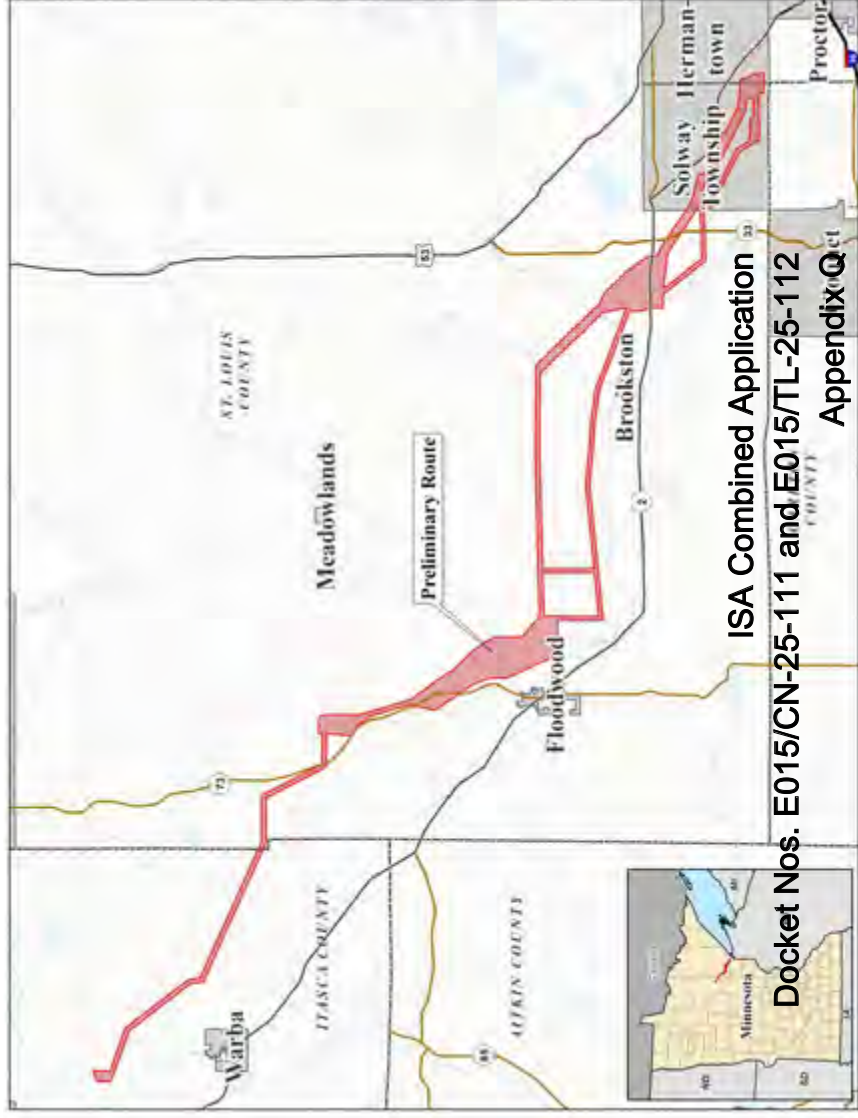
THURSDAY, AUG 7, 1:00-3:00PM

Hermantown Government Center/
City Hall – Training Center
5105 Maple Grove Road
Hermantown, MN 55811

THURSDAY, AUG 7, 5:00-7:00PM

Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720

Join Minnesota Power at one of the Open Houses to receive updates and to provide comments on the ISA Transmission Project.



Minnesota Power
30 W. Superior St.
Duluth, MN 55802

 connect@ISATransmissionProject.com

 1-888-510-5303

 ISATransmissionProject.com



Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT

Project overview

Minnesota Power is proposing to construct an approximately 63-mile-long, 345 kilovolt transmission line from Minnesota Power’s Iron Range Substation near Grand Rapids, Minnesota, to Minnesota Power’s St. Louis County Substation near Hermantown, with a connection to American Transmission Company’s nearby Arrowhead Substation.

The Iron Range – St. Louis County – Arrowhead (ISA) Transmission Project is one in a portfolio of transmission projects approved by the regional grid operator, Midcontinent Independent System Operator (MISO), in its 2024 Long-Range Transmission Planning portfolio. As a part of this larger portfolio, the ISA Transmission Project will:



Enhance grid reliability in the Upper Midwest as grid operating conditions become more variable



Increase grid efficiency as energy is transferred from where it is produced to where it is needed



Meet the growing demand for reliable clean energy in the Upper Midwest

Schedule

2025

Stakeholder engagement and routing

2026-2028

Permitting, engineering, environmental surveys, ROW acquisition, and public engagement

2029-2032

Construction

2032

Anticipated in-service

**The schedule is subject to change.*

Regulatory process

In February 2025, the Applicants filed a notice of intent (NOI) to apply for a combined Certificate of Need and Route Permit for the Project. Under current state regulations, the Applicants have 12 months from the date of the NOI to file the Certificate of Need application. You can subscribe to receive updates from the Minnesota Public Utilities Commission regarding the regulatory process. Visit edockets.state.mn.us/documents and enter the docket number you're interested in tracking. For information on the Certificate of Need use docket 25-111 and for the Route Permit use docket 25-112.

Public involvement

The Project team will be contacting landowners to speak with them about the Project. There will also be opportunities for any interested parties to ask questions and provide comments during the permitting process.

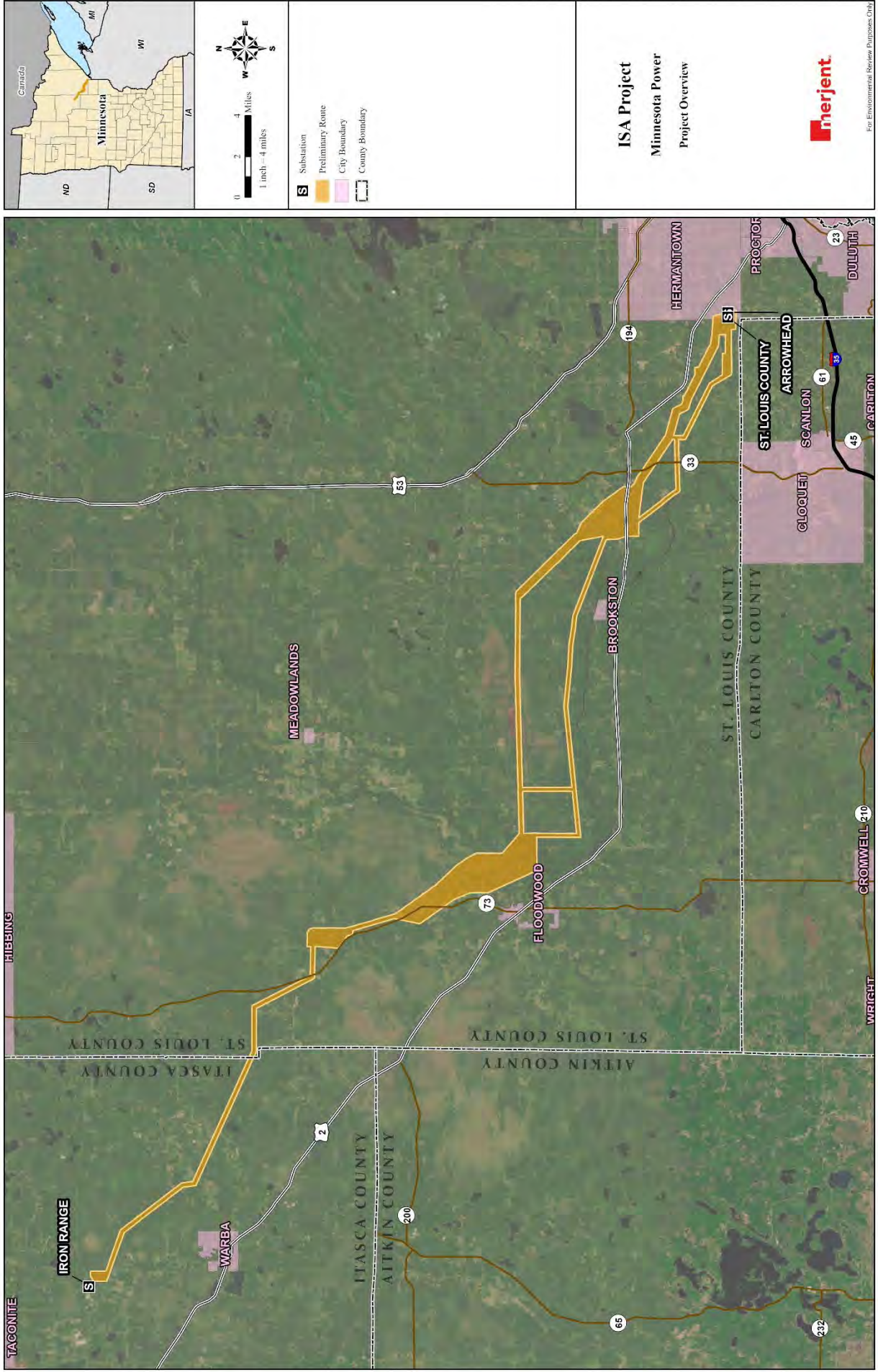
Connect with us

Stay up to date on the project by signing up for email updates or talking to a project team member.

Website: ISATransmissionProject.com **Email:** connect@ISATransmissionProject.com

Phone: 1-888-510-5303

ISA Transmission Project

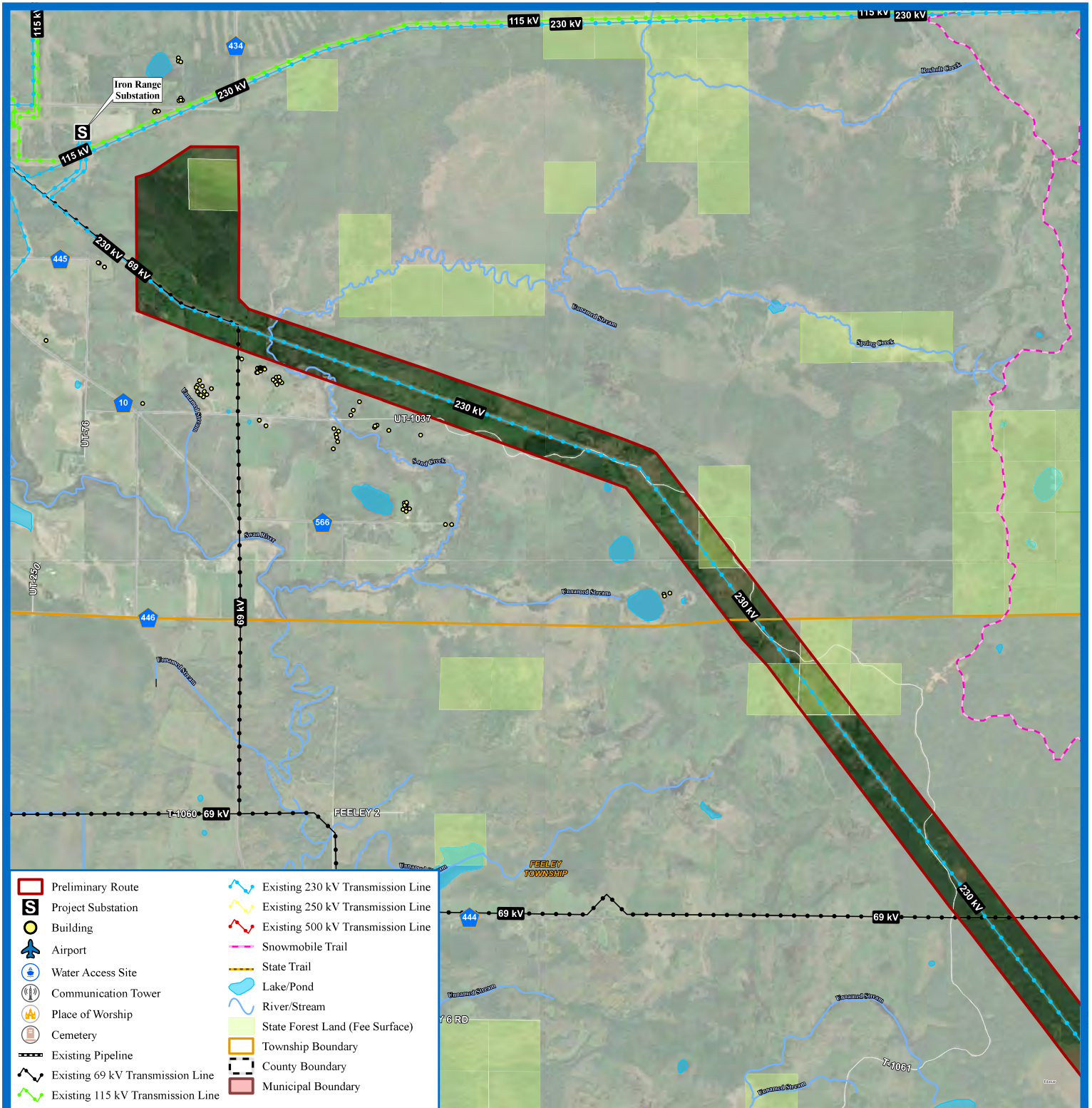


ISA Project
 Minnesota Power
 Project Overview



For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 1

Itasca County

merjent.

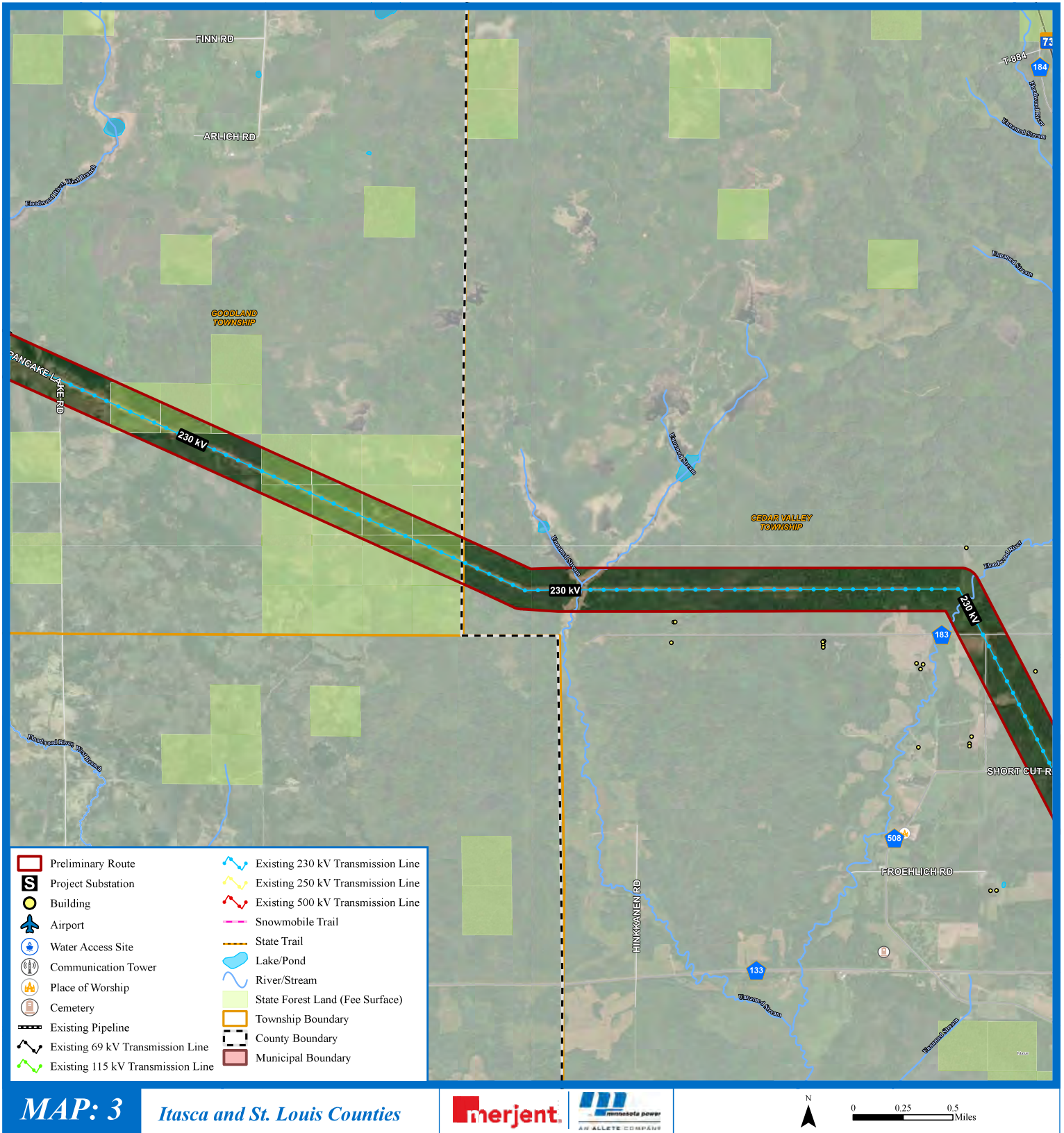
minnesota power
AN ALLETE COMPANY



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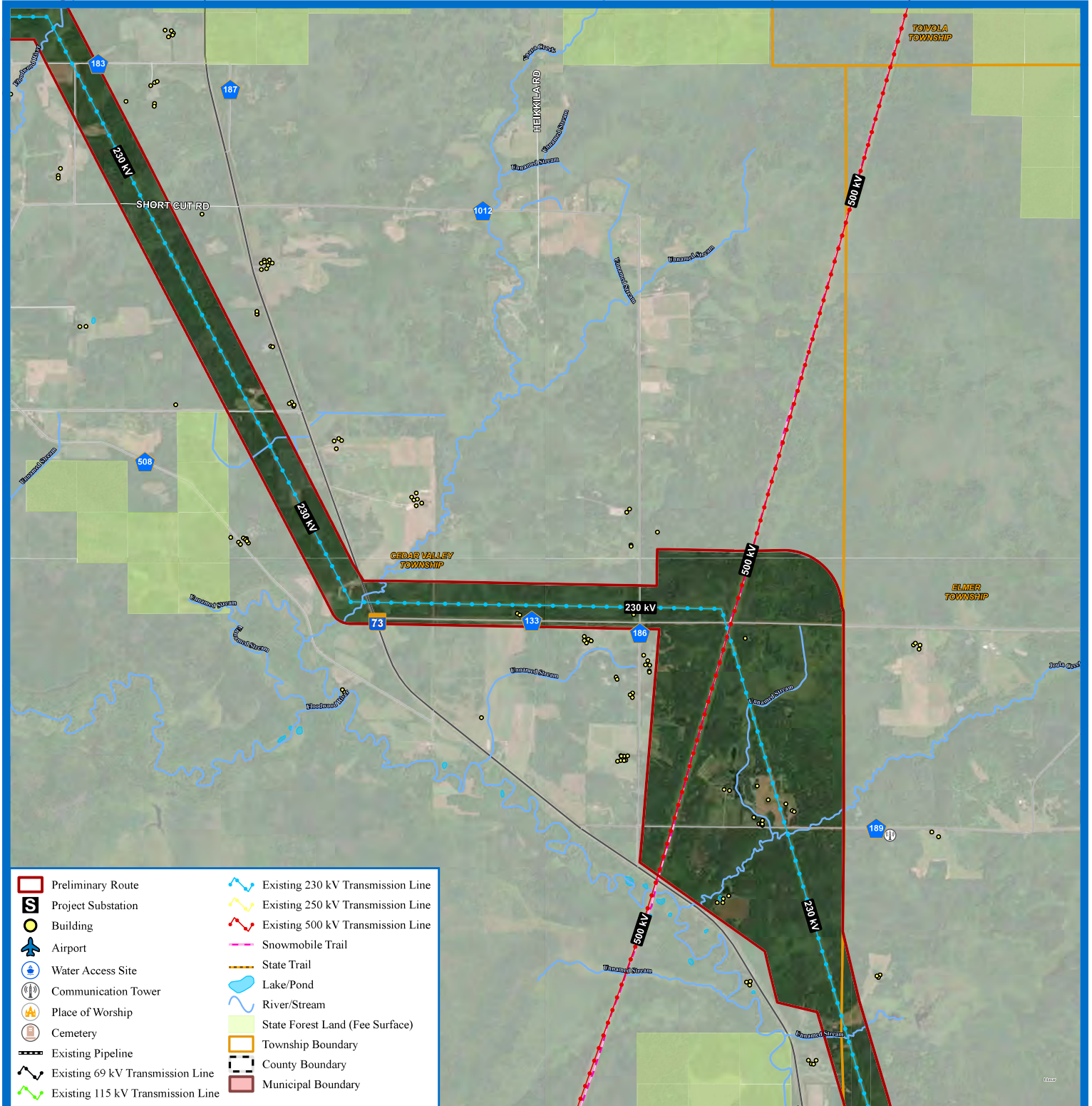
For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 4

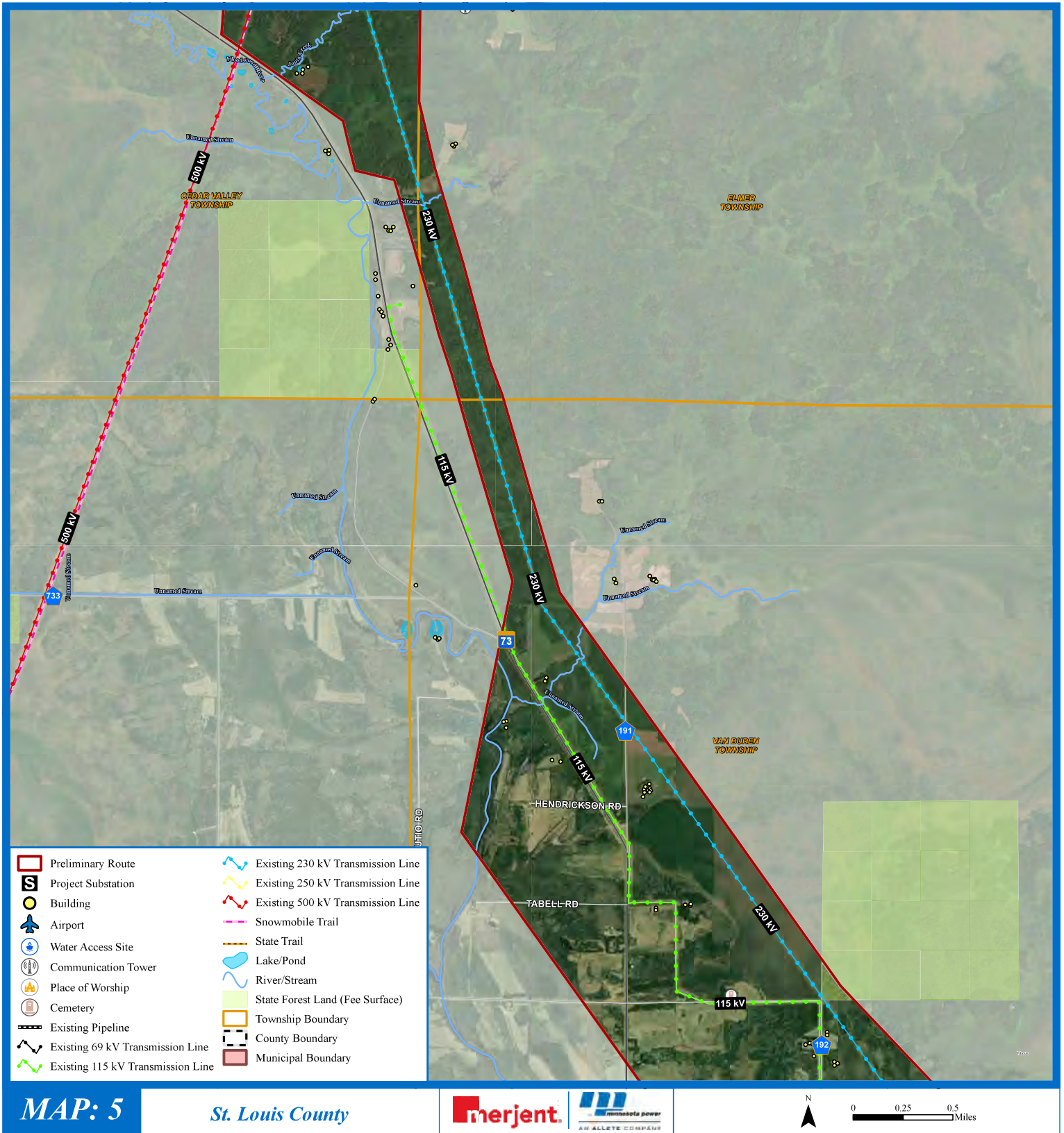
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 5

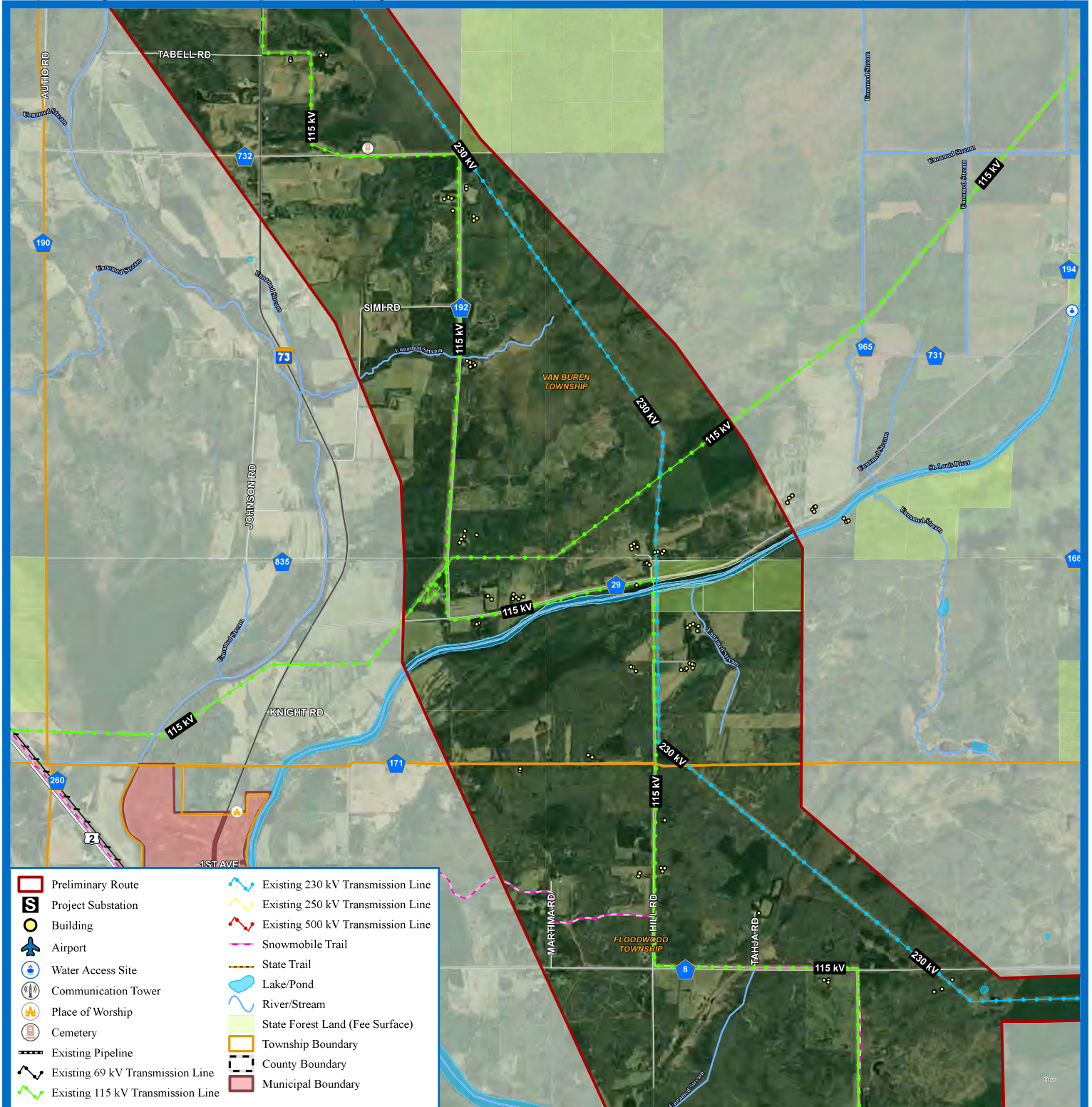
St. Louis County



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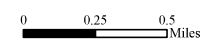
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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



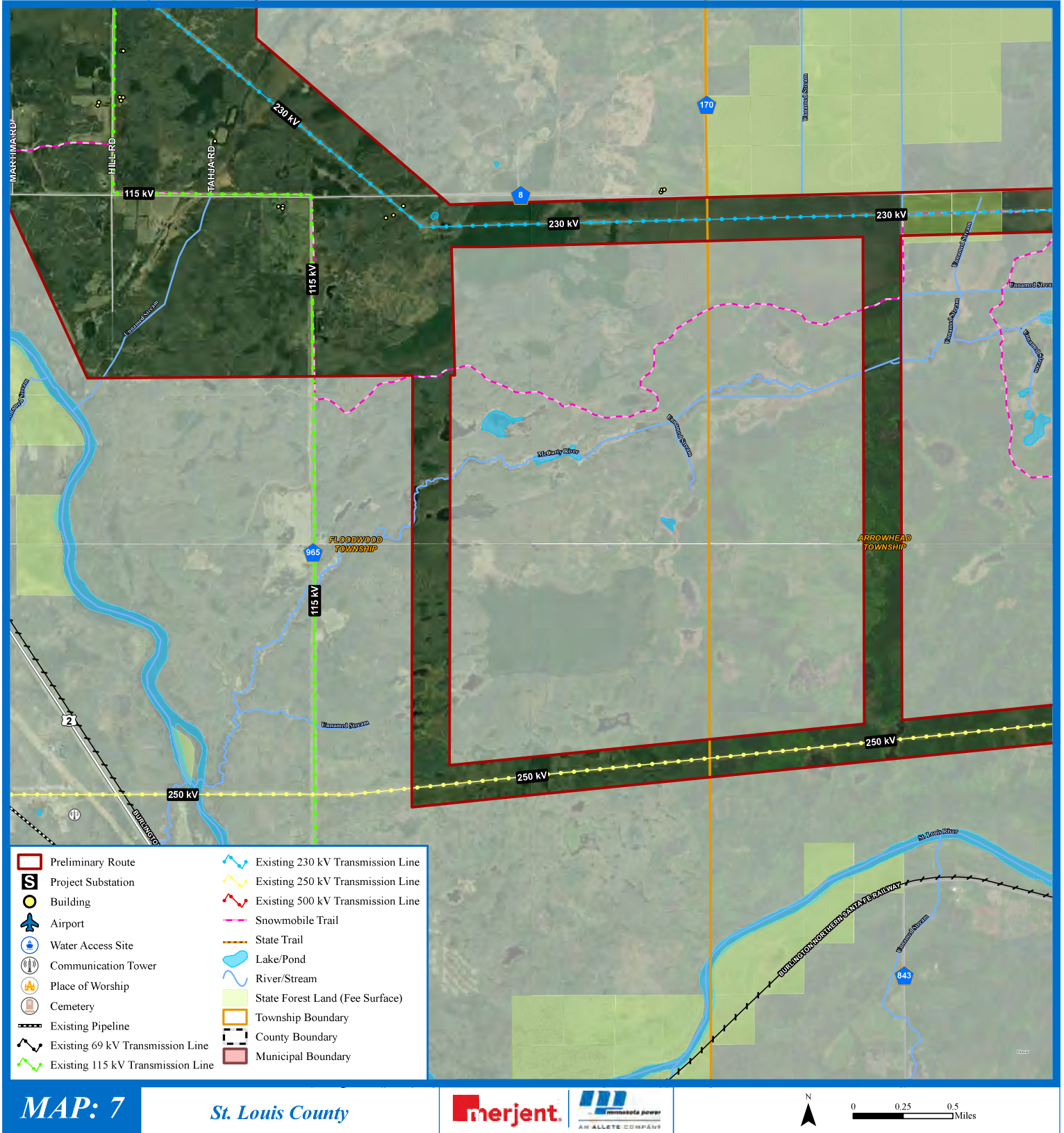
MAP: 6

St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 7

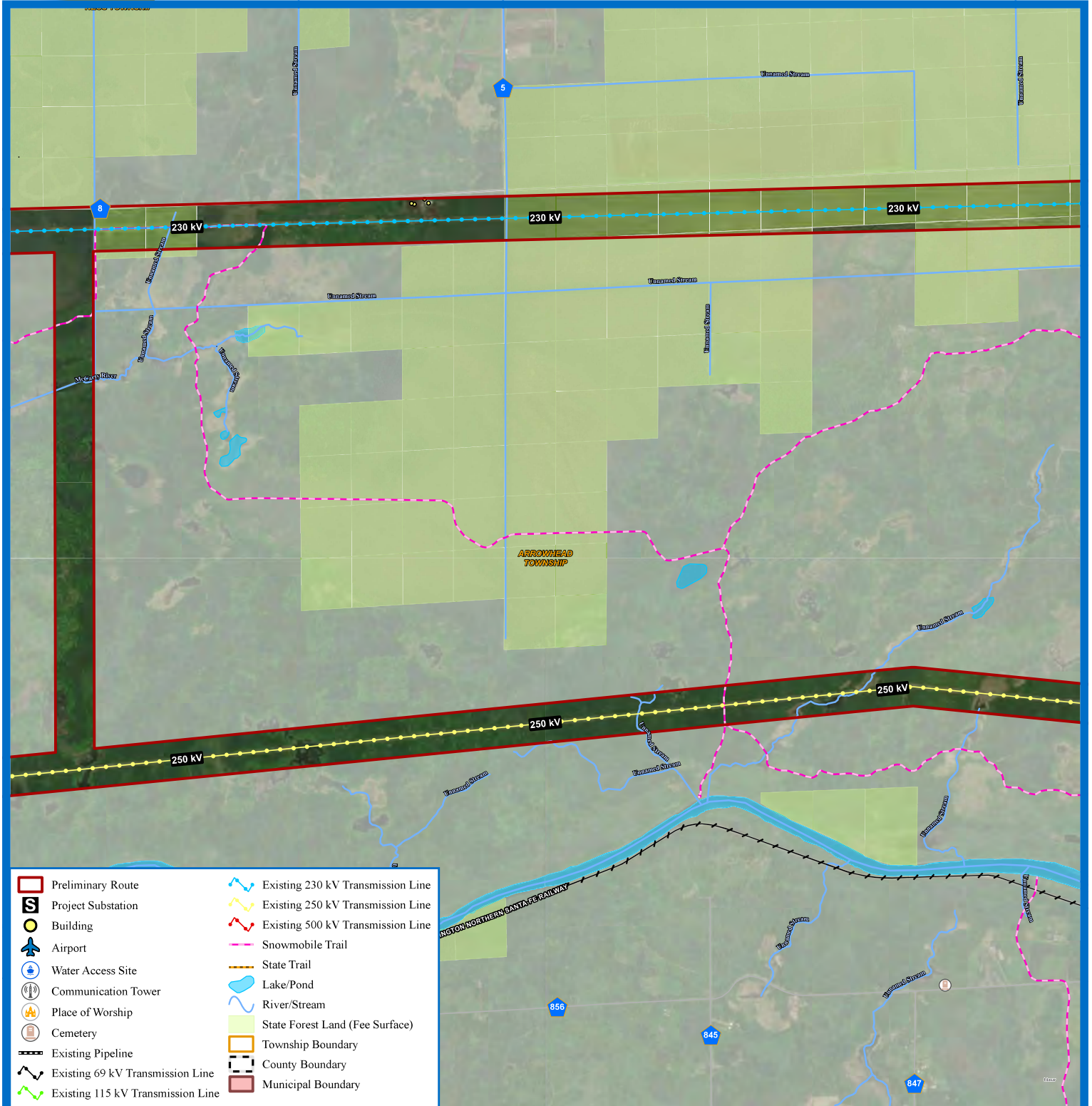
St. Louis County



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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 8

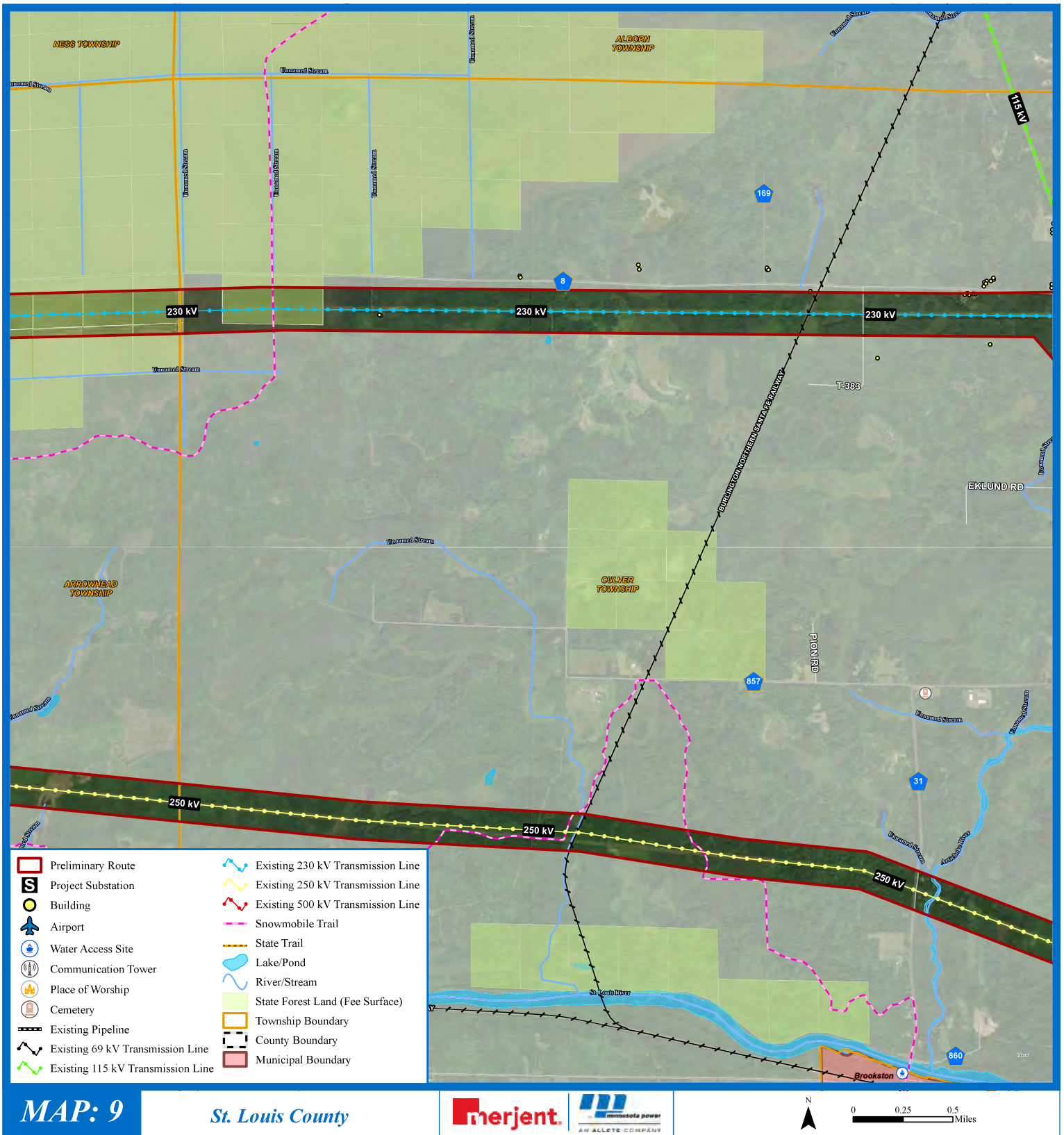
St. Louis County



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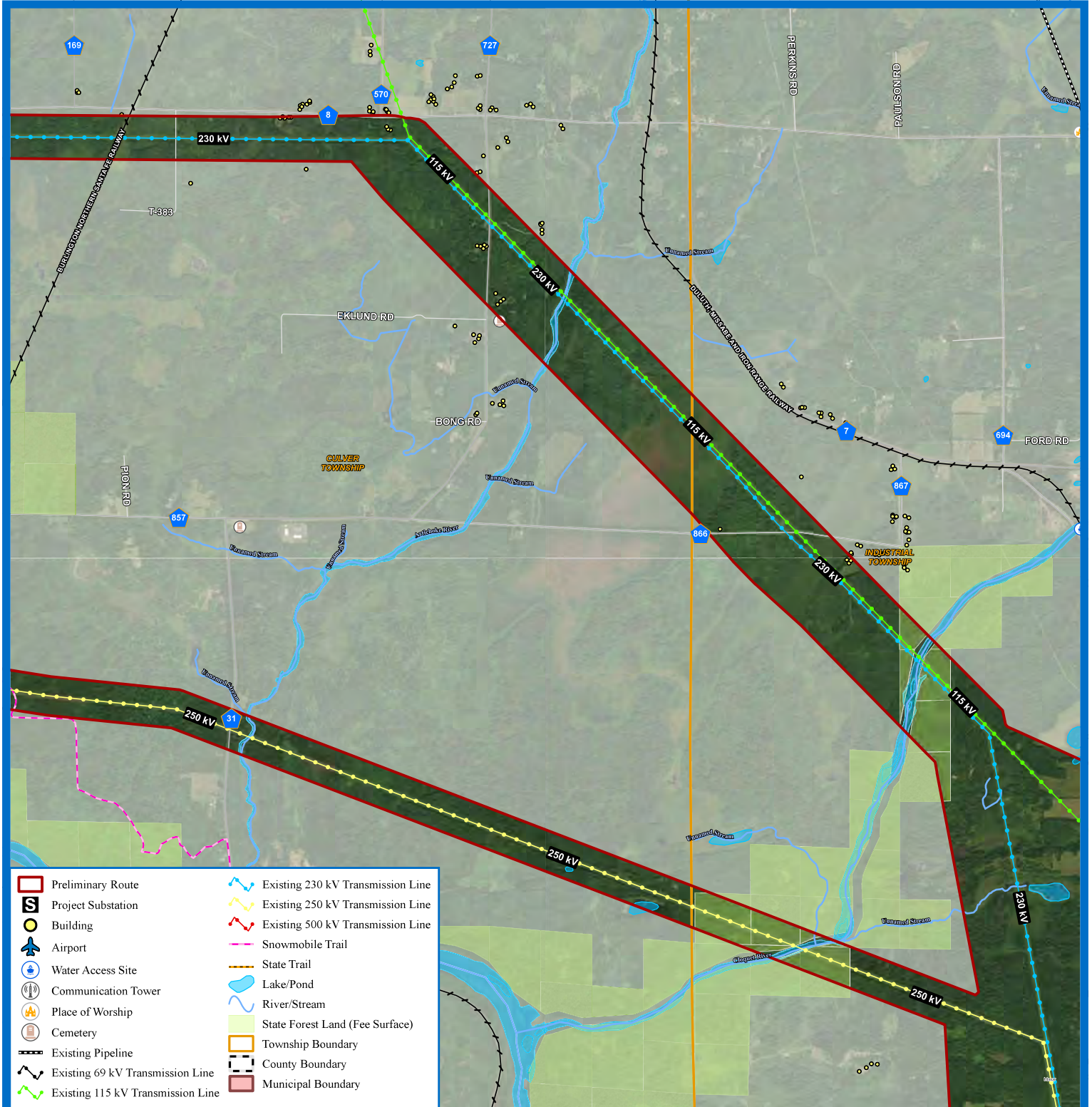
For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



For Environmental Review Purposes Only

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



MAP: 10

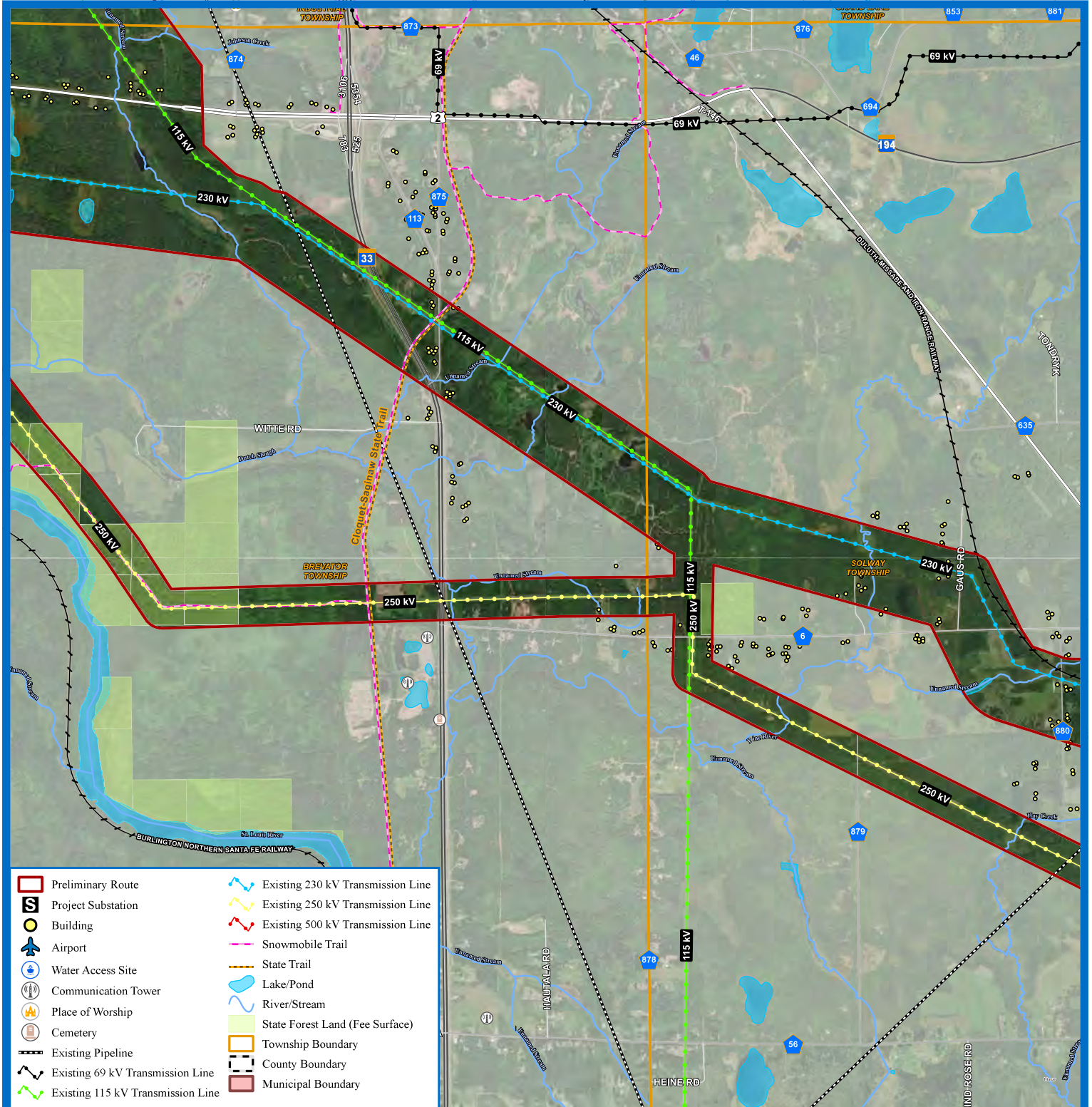
St. Louis County



0 0.25 0.5 Miles

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IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



- | | |
|-----------------------------------|-----------------------------------|
| Preliminary Route | Existing 230 kV Transmission Line |
| Project Substation | Existing 250 kV Transmission Line |
| Building | Existing 500 kV Transmission Line |
| Airport | Snowmobile Trail |
| Water Access Site | State Trail |
| Communication Tower | Lake/Pond |
| Place of Worship | River/Stream |
| Cemetery | State Forest Land (Fee Surface) |
| Existing Pipeline | Township Boundary |
| Existing 69 kV Transmission Line | County Boundary |
| Existing 115 kV Transmission Line | Municipal Boundary |

MAP: 12

St. Louis County



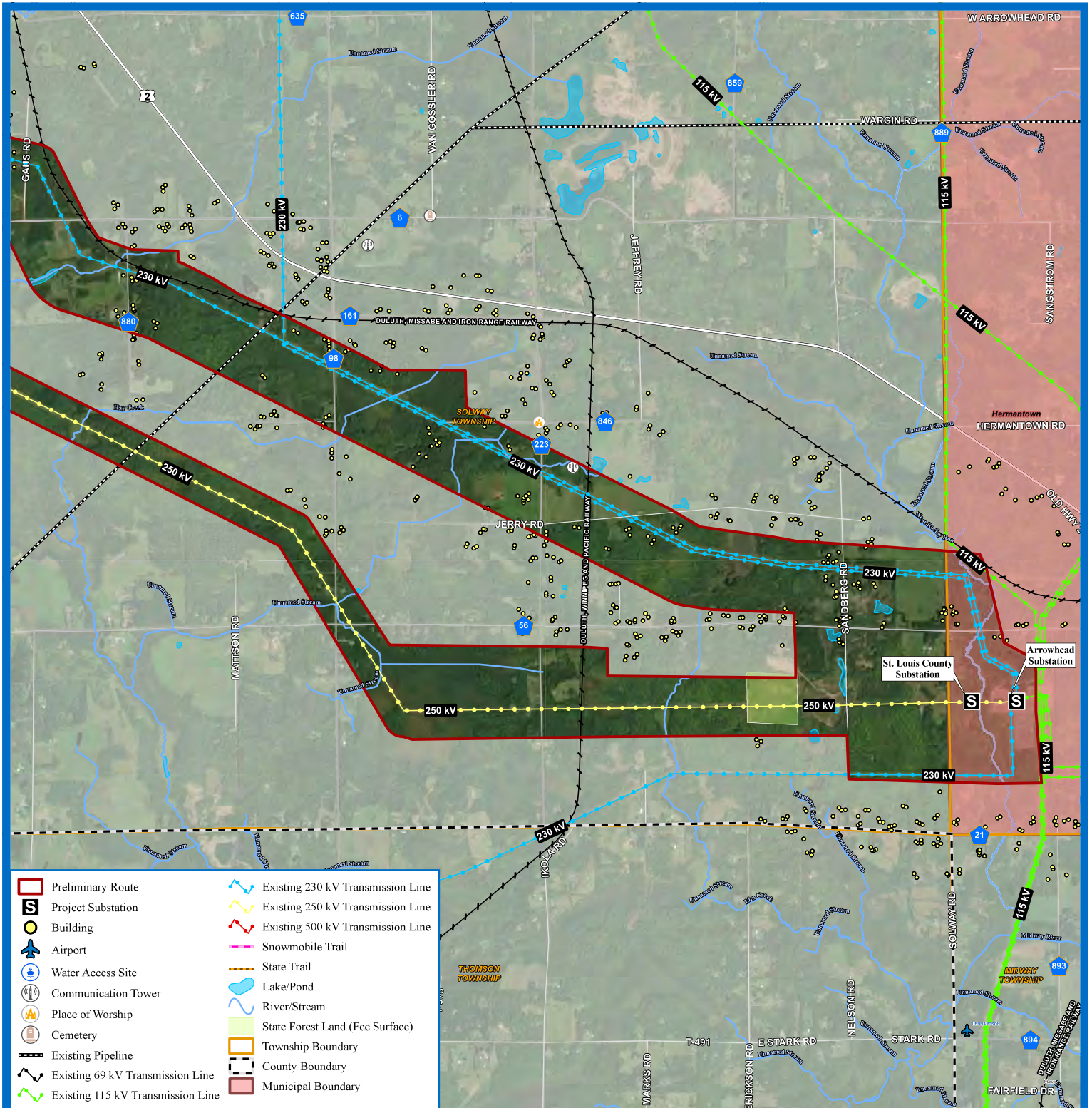
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For Environmental Review Purposes Only

ISA Combined Application
Docket Nos. E015/CN-25-111 and E015/TL-25-112

Appendix Q
Page 107 of 158

IRON RANGE TO ST. LOUIS COUNTY PROJECT - OPEN HOUSE



- | | |
|-----------------------------------|-----------------------------------|
| Preliminary Route | Existing 230 kV Transmission Line |
| Project Substation | Existing 250 kV Transmission Line |
| Building | Existing 500 kV Transmission Line |
| Airport | Snowmobile Trail |
| Water Access Site | State Trail |
| Communication Tower | River/Stream |
| Place of Worship | State Forest Land (Fee Surface) |
| Cemetery | Township Boundary |
| Existing Pipeline | County Boundary |
| Existing 69 kV Transmission Line | Municipal Boundary |
| Existing 115 kV Transmission Line | |

MAP: 13

St. Louis County



0 0.25 0.5 Miles

For Environmental Review Purposes Only

From: Mandy Bohnenblust <mandy.bohnenblust@merjent.com>
Sent: Monday, July 21, 2025 11:03 AM
Cc: Zach Golkowski (MP) <zgolkowski@mnpower.com>; Dan Flo <dan.flo@merjent.com>; Marissa Honeycutt <marissa.honeycutt@merjent.com>
Subject: ISA Transmission Project August Open Houses

Good Morning,

Minnesota Power is hosting a second round of open houses to seek input on the ISA Transmission Project's preliminary route. The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Minnesota Power's Iron Range Substation near Grand Rapids in Itasca County, Minnesota Power's St. Louis County Substation, and American Transmission Company's Arrowhead Substation near Hermantown, Minnesota.

Based on input received during the first phase of public open houses in May 2025, and through coordination with tribes and agencies, Minnesota Power refined the initial study area to identify a preliminary route. Stakeholder comments included feedback on routing and impacts to aesthetics, wildlife, landowner property interests, and environmental resources. Please find a map of the preliminary route attached to this email.

Stakeholder and landowner feedback on the preliminary route will help inform and guide the process of creating a final proposed route, which will be included in the application for a Route Permit and Certificate of Need to be filed later this year with the Minnesota Public Utilities Commission.

Minnesota Power invites you to attend any of the open houses; the schedule is as follows:

Wednesday, August 6	Thursday, August 7
12:00 – 2:00 PM Coleraine City Hall Nyberg Community Center 302 Roosevelt Ave Coleraine, MN 55722	1:00-3:00 PM Hermantown Government Center/ City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811

5:00-7:00 PM

Floodwood Event Center
201 W 7th Avenue
Floodwood, MN 55736

5:00-7:00 PM

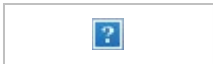
Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720

If you have questions about the Project or the open houses, please contact Zach Golkowski, Minnesota Power's project manager, at (218) 355-3366 or zgolkowski@mnpower.com. You can also find more information about the Project at ISATransmissionProject.com.

Regards,

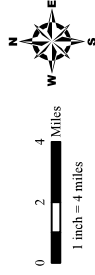
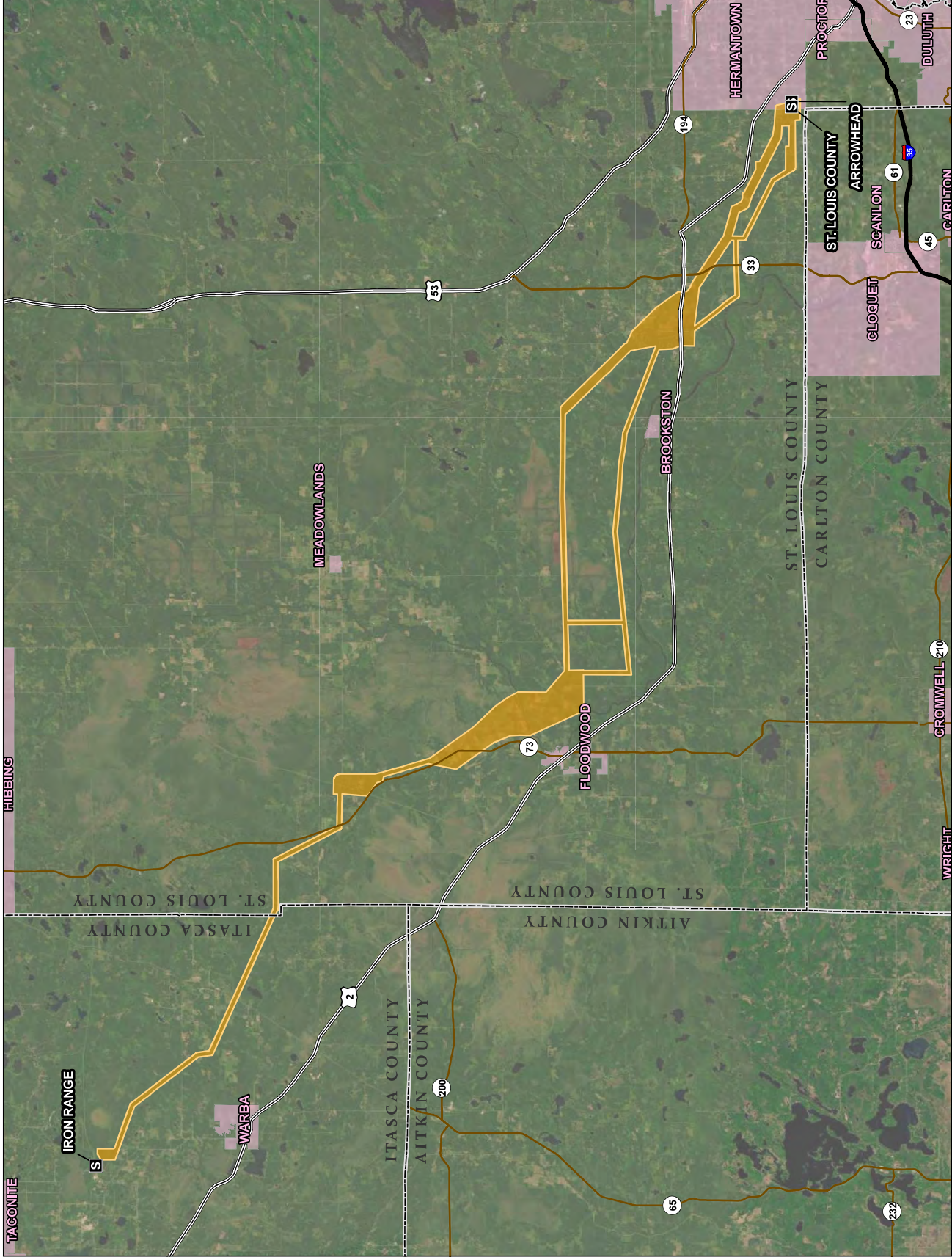
Mandy Bohnenblust on behalf of
Zach Golkowski
Project Manager – Environmental
Minnesota Power/ALLETE, Inc.

Mandy Bohnenblust
612.746.3677 direct
612.816.2097mobile
mandy.bohnenblust@merjent.com



1 Main Street SE, Suite 300
Minneapolis, MN 55414
612.746.3660 main
www.merjent.com

Preliminary Route Map



- S** Substation
- Preliminary Route
- City Boundary
- County Boundary

ISA Project
Minnesota Power
 Project Overview



For Environmental Review Purposes Only

August 2025 Open House Email - Federal, State, and Local Agencies

Organization	Name	Title	Email
Federal Aviation Administration	Marla Duchatellier	Air Traffic Technician	Marla.Duchatellier@faa.gov
Federal Aviation Administration	Ashley Wilson	Air Traffic Specialist	ashley.m.wilson@faa.gov
U.S. Army Corps of Engineers			USACE_Requests_MN@usace.army.mil
U.S. Army Corps of Engineers	Jeremy Kinney	Project manager	jeremy.m.kinney@usace.army.mil
U.S. Department of Agriculture	Candi Fuller	District Conservationist	candi.fuller@usda.gov
U.S. Department of Agriculture	Allison Praet	District Conservationist	allison.praet@usda.gov
U.S. Fish and Wildlife Service	Robert Tawes	Field Supervisor	robert_tawes@fws.gov
U.S. Fish and Wildlife Service	Katie O'Brien	Endangered Species Biologist	katie_obrien@fws.gov
U.S. Fish and Wildlife Service			permitsr3mb@fws.gov
Minnesota Department of Agriculture	Stephan Roos	Planner	stephan.roos@state.mn.us
Minnesota Department of Health	Christopher Parthun	Principal Planner	chris.parthun@state.mn.us
Minnesota Department of Health	Nick Budde	Hydrologist	nicholas.budde@state.mn.us
Minnesota Department of Health	Dereck Richter	Principal Planner	dereck.richter@state.mn.us
Minnesota Department of Health	Danielle Luzinski	Statewide Surface Water Hydrologist	danielle.luzinski@state.mn.us
Minnesota Department of Natural Resources	Shelly Patten	Regional Director	Shelly.patten@state.mn.us
Minnesota Department of Natural Resources	Grant Wilson	Regional Director	Grant.wilson@state.mn.us
Minnesota Department of Natural Resources	Kate Fairman	Environmental Review Operations Lead	kate.fairman@state.mn.us

Organization	Name	Title	Email
Minnesota Department of Natural Resources	Becky Horton	EIS Project Manager	becky.horton@state.mn.us
Minnesota Department of Natural Resources	Diane Johnson	Realty Specialist, Utility License Crossing	diane.johnson@state.mn.us
Minnesota Department of Natural Resources	Jessica Parson	NE Region Ecologist	jessica.parson@state.mn.us
Minnesota Department of Natural Resources	Patty Thielen	NE Region Director	patty.thielen@state.mn.us
Minnesota Department of Natural Resources	Brianna Speldrich	Hydrologist	Brianna.Speldrich@state.mn.us
Minnesota Department of Natural Resources	Molly Barrett	Natural Heritage Review Specialist	Molly.Barrett@state.mn.us
Minnesota Department of Natural Resources	Jim Drake	Natural Heritage Review Specialist	jim.drake@state.mn.us
Minnesota Department of Natural Resources	Chuck Carpenter	Northeast Regional Manager	Charles.Carpenter@state.mn.us
Minnesota Department of Transportation	Joe Pignato	Land Management Office Director	joseph.pignato@state.mn.us
Minnesota Department of Transportation	Stacy Kotch Egstad	Utility Routing and Siting Coordinator	stacy.kotch@state.mn.us
Minnesota Department of Transportation	Matt Meyer	Hydrologist	matthew.m.meyer@state.mn.us
Minnesota Department of Transportation	Tom Lee	Hydrologist	thomas.lee@state.mn.us
Minnesota Department of Transportation	Shane Gries	Right of Way Permits	shane.gries@state.mn.us
Minnesota Indian Affairs Council	Shannon Geshick	Executive Director	shannon.geshick@state.mn.us
Minnesota Indian Affairs Council	George Goggleye Jr.	Cultural Resources Manager	george.goggleye@state.mn.us
Minnesota Indian Affairs Council	Lilly Geraghty	Cultural Resources Manager	lilly.geraghty@state.mn.us
Minnesota Indian Affairs Council	Isaac Weston	Cultural Resources Manager	isaac.weston@state.mn.us

Organization	Name	Title	Email
Minnesota Pollution Control Agency	Jim Dexter	Environmental Review Specialist	James.Dexter@state.mn.us
Minnesota Pollution Control Agency	Kirsten Barta	Regional General Permits Manager, Environmental Review Specialist	kirsten.barta@state.mn.us
Minnesota State Historic Preservation Office	Leslie Coburn	Environmental Review Specialist	leslie.coburn@state.mn.us
Minnesota State Historic Preservation Office	Kelly Gragg-Johnson	Environmental Review Specialist	kelly.graggjohnson@state.mn.us
Office of the State Archaeologist	Amanda Gronhovd	MN State Archaeologist	Amanda.Gronhovd@state.mn.us
Public Utilities Commission	Bret Eknes	Supervisor	Bret.Eknes@state.mn.us
Arrowhead Township	Angela Irvine	Clerk	angie.irvine@yahoo.com
Brevator Township	Brenda Pallin	Clerk	Bpallin22@gmail.com
Cedar Valley Township	Barb Peterson	Clerk	cedarvalleyclerk@gmail.com
City of Deer River	Steven Geving	Mayor	steven_geving@yahoo.com
Culver Township	Catherine Elder	Clerk	eldercclerk@yahoo.com
Elmer Township	Patricia Bernsdorf	Clerk	elmertownship@outlook.com
Feeley Township	Lori Hamm	Chair	dlhammer@frontiernet.net
Feeley Township	Debra Langanki	Supervisor	langanki@frontiernet.net
Feeley Township	Casey Dabrowski	Supervisor	cdabrowski@gmail.com
Feeley Township	Lori Gill	Clerk	feeleytwp@hotmail.com
Floodwood Township	Tad Farrell	Mayor	mayor@ci.floodwood.mn.us

Organization	Name	Title	Email
Floodwood Township	Rhonda Lundstrom	Clerk	townoffloodwood@gmail.com
Goodland Township	Charles Miller	Chair	supervisor.a.goodlandtownship@gmail.com
Goodland Township	Charlene Obrecht	Supervisor	supervisor.b.goodlandtownship@gmail.com
Goodland Township	Dave Detjen	Supervisor	supervisor.c.goodlandtownship@gmail.com
Goodland Township	Holly Henrikson	Clerk	goodlandtownship@gmail.com
Hermantown City	Wayne Boucher	Mayor	mayorboucher@hermantownmn.com
Hermantown City	John Geissler	Councilor	councilorgeissler@hermantownmn.com
Hermantown City	Joe Peterson	Councilor	councilorpeter@hermantownmn.com
Hermantown City	Andy Hjelle	Councilor	councilorhjelle@hermantownmn.com
Hermantown City	Brian LeBlanc	Councilor	councilorleblanc@hermantownmn.com
Hermantown City	Alissa McClure	Clerk	amcclure@hermantownmn.com
Hermantown City	Eric Johnson	Director	eric.johnson@hermantownmn.com
Industrial Township	Amy Skluzacek	Clerk	industrialmn@outlook.com
Itasca County	Cory Smith	District 1 Commissioner	Cory.Smith@co.itasca.mn.us
Itasca County	Terry Snyder	District 2 Commissioner	Terry.Snyder@co.itasca.mn.us
Itasca County	John Johnson	District 3 Commissioner	John.Johnson@co.itasca.mn.us
Itasca County	Burl Ives	District 4 Commissioner	Burl.Ives@co.itasca.mn.us

Organization	Name	Title	Email
Itasca County	Casey Venema	District 5 Commissioner and Chair	Casey.Venema@co.itasca.mn.us
Itasca County	Amanda Schultz	Deputy Clerk	amanda.schultz@co.itasca.mn.us
Itasca County	Brett Skyles	County Administrator	brett.skyles@co.itasca.mn.us
Itasca County	Katie Benes	Director	katie.benes@co.itasca.mn.us
Itasca County			assessorinfo@co.itasca.mn.us
Itasca County	Kory Cease	Land Commissioner	kory.cease@co.itasca.mn.us
Little Sand Lake Unorganized Territory	Christine Hobrough	President	LittleSandLakeAA@outlook.com
Minnesota Association of Townships	Kevin Cornnick	Director	kcornnick@mntownships.org
Minnesota Board of Soil and Water Resources	Ryan Hughes	Manager	ryan.hughes@state.mn.us
Minnesota Board of Soil and Water Resources	Matt Johnson	Wetland Specialist	matthew.johnson@state.mn.us
Minnesota Board of Soil and Water Resources	Waylon Glienke	Wetland Specialist	waylon.glienke@itascaswcd.org
Minnesota Board of Soil and Water Resources	Dave Demmer	Wetland Specialist	david.demmer@state.mn.us
Minnesota Board of Soil and Water Resources	Mark Lindhorst	Wetland Specialist	lindhorstm@stlouiscountymn.gov
Solway Township	Tami McGregor	Clerk	solwayclerk@hotmail.com
Solway Township		Manager	landuseinfo@stlouiscountymn.gov
St. Louis County	Annie Harala	District 1 Commissioner, Chair	haralaa@stlouiscountymn.gov
St. Louis County	Patrick Boyle	District 2 Commissioner	boylep@stlouiscountymn.gov

Organization	Name	Title	Email
St. Louis County	Ashley Grimm	District 3 Commissioner	grimma@stlouiscountymn.gov
St. Louis County	Paul McDonald	District 4 Commissioner	McDonaldP@StLouisCountyMN.gov
St. Louis County	Keith Musolf	District 5 Commissioner	MusolfK@StLouisCountyMN.gov
St. Louis County	Keith Nelson	District 6 Commissioner	nelsonk@stlouiscountymn.gov
St. Louis County	Mike Jugovich	District 7 Commissioner, Vice Chair	jugovichm@stlouiscountymn.gov
St. Louis County	Phil Chapman	Clerk	chapmanp@stlouiscountymn.gov
St. Louis County		Administration	administration@stlouiscountymn.gov
St. Louis County	Ryan Logan	Director	loganr@stlouiscountymn.gov
St. Louis County			assrdept@stlouiscountymn.gov
St. Louis County			landdept@stlouiscountymn.gov
St. Louis County Economic & Community Development	Darren Jablonsky	Interim Director	JablonskyD@stlouiscountymn.gov
Van Buren Township	Susan Hutchinson	Clerk	sue.rae.hutchinson@gmail.com

From: Mandy Bohnenblust <mandy.bohnenblust@merjent.com>
Sent: Monday, July 21, 2025 11:03 AM
Cc: Zach Golkowski (MP) <zgolkowski@mnpower.com>; Dan Flo <dan.flo@merjent.com>; Marissa Honeycutt <marissa.honeycutt@merjent.com>
Subject: ISA Transmission Project August Open Houses

Good Morning,

Minnesota Power is hosting a second round of open houses to seek input on the ISA Transmission Project's preliminary route. The proposed ISA Transmission Project is an approximately 63-mile-long 345 kilovolt transmission line between Minnesota Power's Iron Range Substation near Grand Rapids in Itasca County, Minnesota Power's St. Louis County Substation, and American Transmission Company's Arrowhead Substation near Hermantown, Minnesota.

Based on input received during the first phase of public open houses in May 2025, and through coordination with tribes and agencies, Minnesota Power refined the initial study area to identify a preliminary route. Stakeholder comments included feedback on routing and impacts to aesthetics, wildlife, landowner property interests, and environmental resources. Please find a map of the preliminary route attached to this email.

Stakeholder and landowner feedback on the preliminary route will help inform and guide the process of creating a final proposed route, which will be included in the application for a Route Permit and Certificate of Need to be filed later this year with the Minnesota Public Utilities Commission.

Minnesota Power invites you to attend any of the open houses; the schedule is as follows:

Wednesday, August 6	Thursday, August 7
12:00 – 2:00 PM Coleraine City Hall Nyberg Community Center 302 Roosevelt Ave Coleraine, MN 55722	1:00-3:00 PM Hermantown Government Center/ City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811

5:00-7:00 PM

Floodwood Event Center
201 W 7th Avenue
Floodwood, MN 55736

5:00-7:00 PM

Solway Town Hall
4029 Munger Shaw Road
Cloquet, MN 55720

If you have questions about the Project or the open houses, please contact Zach Golkowski, Minnesota Power's project manager, at (218) 355-3366 or zgolkowski@mnpower.com. You can also find more information about the Project at ISATransmissionProject.com.

Regards,

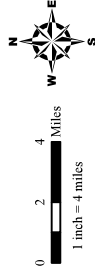
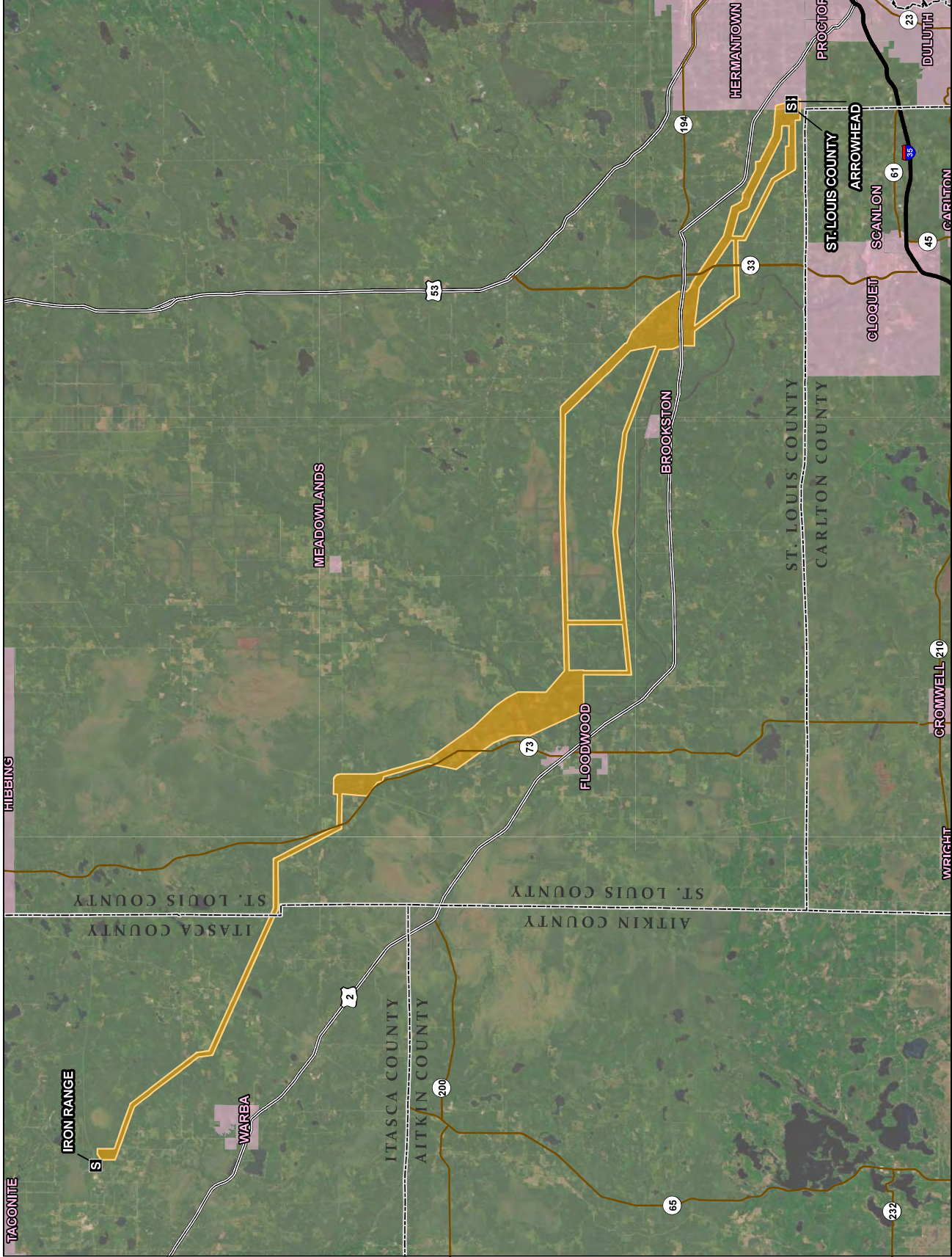
Mandy Bohnenblust on behalf of
Zach Golkowski
Project Manager – Environmental
Minnesota Power/ALLETE, Inc.

Mandy Bohnenblust
612.746.3677 direct
612.816.2097mobile
mandy.bohnenblust@merjent.com



1 Main Street SE, Suite 300
Minneapolis, MN 55414
612.746.3660 main
www.merjent.com

Preliminary Route Map



- S** Substation
- Preliminary Route
- City Boundary
- County Boundary

ISA Project
 Minnesota Power
 Project Overview



For Environmental Review Purposes Only

August 2025 Open House Email – Tribal Nations

Tribal Name	Name	Title	Email
1854 Treaty Authority	Sonny Myers	Executive Director	smyers@1854treatyauthority.org
Bois Forte Band of Chippewa	Carlos Hernandez	Chairperson	carloshernandez@boisforte-nsn.gov
Bois Forte Band of Chippewa	Cathy Chavers		cchavers@boisforte-nsn.gov
Bois Forte Band of Chippewa	Amy Mason		amy.mason@boisforte-nsn.gov
Bois Forte Band of Chippewa	Perry Drift		pdrift@boisforte-nsn.gov
Bois Forte Band of Chippewa	Shane Drift		sdrift@boisforte-nsn.gov
Bois Forte Band of Chippewa	Miranda Liliya	Tribal Historic Preservation Officer	miliya@boisforte-nsn.gov
Bois Forte Band of Chippewa	Robert Moyer, Jr.		rmoyer@boisforte-nsn.gov
Bois Forte Band of Chippewa	Tara Geshick		tara.geshick@boisforte-nsn.gov
Bois Forte Band of Chippewa	Jaylen Strong	Tribal Historic Preservation Officer	jaylen.strong@boisforte-nsn.gov
Fond du Lac Band of Lake Superior Chippewa	Robert Abramowski		robertabramowski@fdlband.org; robabramowski5@gmail.com
Fond du Lac Band of Lake Superior Chippewa	Scott Buchanan		scottbuchanan@fdlrez.com
Fond du Lac Band of Lake Superior Chippewa	Caleb Dunlap		calebdunlap@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Wally Dupuis		wallydupuis@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Earl Otis		earlotis@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Bruce Savage	Chairman	brucesavage@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Bill Thompson		billthompson@fdlrez.com

Tribal Name	Name	Title	Email
Fond du Lac Band of Lake Superior Chippewa	Ian Young		ianyong@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Brad Blacketter		bradblacketter@fdlband.org
Fond du Lac Band of Lake Superior Chippewa	Evan Schroeder	Tribal Historic Preservation Officer	evanschroeder@fdlrez.com
Grand Portage Band of Lake Superior Chippewa	Bobby Deschampe	Chair	robertdeschampe@grandportage.com
Grand Portage Band of Lake Superior Chippewa	April McCormick		aprilm@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Toby Stephens		tobys@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Agatha Armstrong		agathaa@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Krishna Woerheide		kwoerheide@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Marie Spry		mariespry@grandportage.com
Grand Portage Band of Lake Superior Chippewa	Rob Hull	Tribal Historic Preservation Officer	thpo@grandportage.com
Leech Lake Band of Ojibwe	Mike Chosa		mike.chosa@llojibwe.net
Leech Lake Band of Ojibwe	Kyle Fairbanks		kyle.fairbanks@llojibwe.net
Leech Lake Band of Ojibwe	Gov Relations		govt.relations@llojibwe.net
Leech Lake Band of Ojibwe	LeRoy Staples Fairbanks III		leroy.fairbanks@llojibwe.net
Leech Lake Band of Ojibwe	Steve White		steve.white@llojibwe.net
Leech Lake Band of Ojibwe	Leonard Fineday		leonard.fineday@llojibwe.net
Leech Lake Band of Ojibwe	Brandy Tofte		brandy.toft@llojibwe.net

Tribal Name	Name	Title	Email
Leech Lake Band of Ojibwe	Faron Jackson, Sr.	Chairman	faron.jackson@llojibwe.net
Leech Lake Band of Ojibwe	Craig Tangren		craig.tangren@llojibwe.net
Leech Lake Band of Ojibwe	Ashley Harrison	Tribal Historic Preservation Officer	ashley.harrison@llojibwe.net
Leech Lake Band of Ojibwe	Gina Lemon	Tribal Historic Preservation Officer	gina.lemon@llojibwe.net
Lower Sioux Indian Community	Deb Dirflam		deb.dirflam@lowersioux.com
Lower Sioux Indian Community	Robert L Larsen	President	robert.larsen@lowersioux.com
Lower Sioux Indian Community	Robert Prescott		bob.prescott@lowersioux.com
Lower Sioux Indian Community	Tyler Prescott		tyler.prescott@lowersioux.com
Lower Sioux Indian Community	Miranda Sam		miranda.sam@lowersioux.com
Lower Sioux Indian Community	Nizhoni Smith		nizhoni.smith@lowersioux.com
Lower Sioux Indian Community	Jospeh O'Brien		joey.obrien@lowersioux.com
Lower Sioux Indian Community	Kristi Schoen		kristi.schoen@lowersioux.com
Lower Sioux Indian Community	Cheyenne St. John	Tribal Historic Preservation Officer	cheyenne.stjohn@lowersioux.com
Mille Lacs Band of Ojibwe	Melanie Benjamin	Chief Executive	Melanie.Benjamin@millelacsband.com
Mille Lacs Band of Ojibwe	Carolyn Beaulieu		carolyn.beaulieu@millelacsband.com
Mille Lacs Band of Ojibwe	Sheldon Boyd		sheldon.boyd@millelacsband.com
Mille Lacs Band of Ojibwe	Harry Davis		harry.davis@millelacsband.com

Tribal Name	Name	Title	Email
Mille Lacs Band of Ojibwe	Jamie Edwards		jamie.edwards@millelacsband.com
Mille Lacs Band of Ojibwe	Shena Matrious		shena.matrious@millelacsband.com
Mille Lacs Band of Ojibwe	Wendy Merrill		wendy.merrill@millelacsband.com
Mille Lacs Band of Ojibwe	Virgil Wind		virgil.wind@millelacsband.com
Mille Lacs Band of Ojibwe	Kelly Applegate		kelly.applegate@millelacsband.com
Mille Lacs Band of Ojibwe	Charles Lippert		charlie.lippert@millelacsband.com
Mille Lacs Band of Ojibwe	Mike Wilson	Tribal Historic Preservation Officer	mike.wilson@millelacsband.com
Minnesota Chippewa Tribe	Joel Smith		jsmith@mnchippewatribe.org
Prairie Island Indian Community	Constance Campbell		tori.campbell@piic.org
Prairie Island Indian Community	Michael Childs, Jr.		michael.childsjr@piic.org
Prairie Island Indian Community	Blake Johnson		blake.johnson@piic.org
Prairie Island Indian Community	Grant Johnson	President	grant.johnson@piic.org
Prairie Island Indian Community	Jody Johnson		jody.johnson@piic.org
Prairie Island Indian Community	Ronald Johnson		ron.johnson@piic.org
Prairie Island Indian Community	Valentina Mgeni		valentina.mgeni@piic.org
Prairie Island Indian Community	Jessie Seim		jessie.seim@piic.org
Prairie Island Indian Community	Heather Westra		heather.westra@piic.org

Tribal Name	Name	Title	Email
Prairie Island Indian Community	Noah White	Tribal Historic Preservation Officer	noah.white@pic.org
Red Lake Nation	Jason Defoe		jasondefoe@redlakenation.org
Red Lake Nation	Vernelle Lussier		vernelle.lussier@redlakenation.org
Red Lake Nation	Joe Plumer		joe.plumer@redlakenation.org
Red Lake Nation	Samuel Strong		sam.strong@redlakenation.org
Red Lake Nation	Darrell Seki, Sr.	Chairman	dseki@redlakenation.org
Red Lake Nation	Kade Ferris	Tribal Historic Preservation Officer	kade.ferris@redlakenation.org
Shakopee Mdewakanton Sioux Community	Steve Albrecht		steve.albrecht@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Cole W. Miller	Chairman	cole.miller@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Bill Rudnicki		bill.rudnicki@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Leonard Wabasha	Tribal Historic Preservation Officer	leonard.wabasha@shakopeedakota.org
Shakopee Mdewakanton Sioux Community	Joe Bathel		jrbathel7@yahoo.com
Upper Sioux Community	Jeremy Hamilton		jhamilton@upperpersiouxcommunity-nsn.gov
Upper Sioux Community	Kevin Jensvold	Chairman	kevinj@upperpersiouxcommunity-nsn.gov
Upper Sioux Community	Samantha Odegaard	Tribal Historic Preservation Officer	samanthao@upperpersiouxcommunity-nsn.gov
Upper Sioux Community	Adam Savariego		adams@upperpersiouxcommunity-nsn.gov
Upper Sioux Community	Camille Tanhoff		kamip@upperpersiouxcommunity-nsn.gov

Tribal Name	Name	Title	Email
Upper Sioux Community	Caralyn Trutna		carrie@upperSiouxcommunity-nsn.gov
White Earth Nation	Laura Erickson		laura.erickson@whiteearth-nsn.gov
White Earth Nation	Henry Fox		henry.fox@whiteearth-nsn.gov
White Earth Nation	Christie Haverkamp		christie.haverkamp@whiteearth-nsn.gov
White Earth Nation	Mike Laroque		mike.laroque@whiteearth-nsn.gov
White Earth Nation	Nate Mathews		nathan.mathews@whiteearth-nsn.gov
White Earth Nation	Jacob McArthur		jacob.mcarthur@whiteearth-nsn.gov
White Earth Nation	Mike Smith		icecrackingswamp@gmail.com
White Earth Nation	Eugene Sommers		eugene.sommers@whiteearth-nsn.gov
White Earth Nation	Joe Tonihka		joe.tonihka@whiteearth-nsn.gov
White Earth Nation	Michael Fairbanks	Chairman	michael.fairbanks@whiteearth-nsn.gov
White Earth Nation	Laurie York		laurie.york@whiteearth-nsn.gov
White Earth Nation	Jaime Arsenault	Tribal Historic Preservation Officer	jaime.arsenault@whiteearth-nsn.gov
Minnesota Department of Commerce	Chase Christopher	Tribal Liaison	chase.christopherson@state.mn.us



AN ALLETE COMPANY

Iron Range – St. Louis County – Arrowhead ISA TRANSMISSION PROJECT

August 2025

Virtual Open House

Thank you for joining us online today. We greatly appreciate your input in helping us review and refine the preliminary route for this project. On the following slides you'll learn more about the project, review maps, and have the opportunity to provide input about the preliminary route.

Who we are

Minnesota Power provides electric service within a 26,000-square-mile area in northeastern Minnesota, supporting comfort, security and quality of life for 150,000 customers, 15 municipalities and some of the largest industrial customers in the United States.

About the Project

Minnesota Power is proposing to construct an approximately 63-mile-long, 345 kilovolt (kV) transmission line from Minnesota Power's Iron Range Substation near Grand Rapids, Minnesota, to Minnesota Power's St. Louis County Substation near Hermantown, with a connection to American Transmission Company's nearby Arrowhead Substation.



Project need



*Enhance grid
reliability in the Upper
Midwest as grid
operating conditions
become more
variable*



*Increase grid
efficiency as energy
is transferred from
where it is produced
to where it is needed*



*Meet the growing
demand for reliable
clean energy in the
Upper Midwest*

Project components

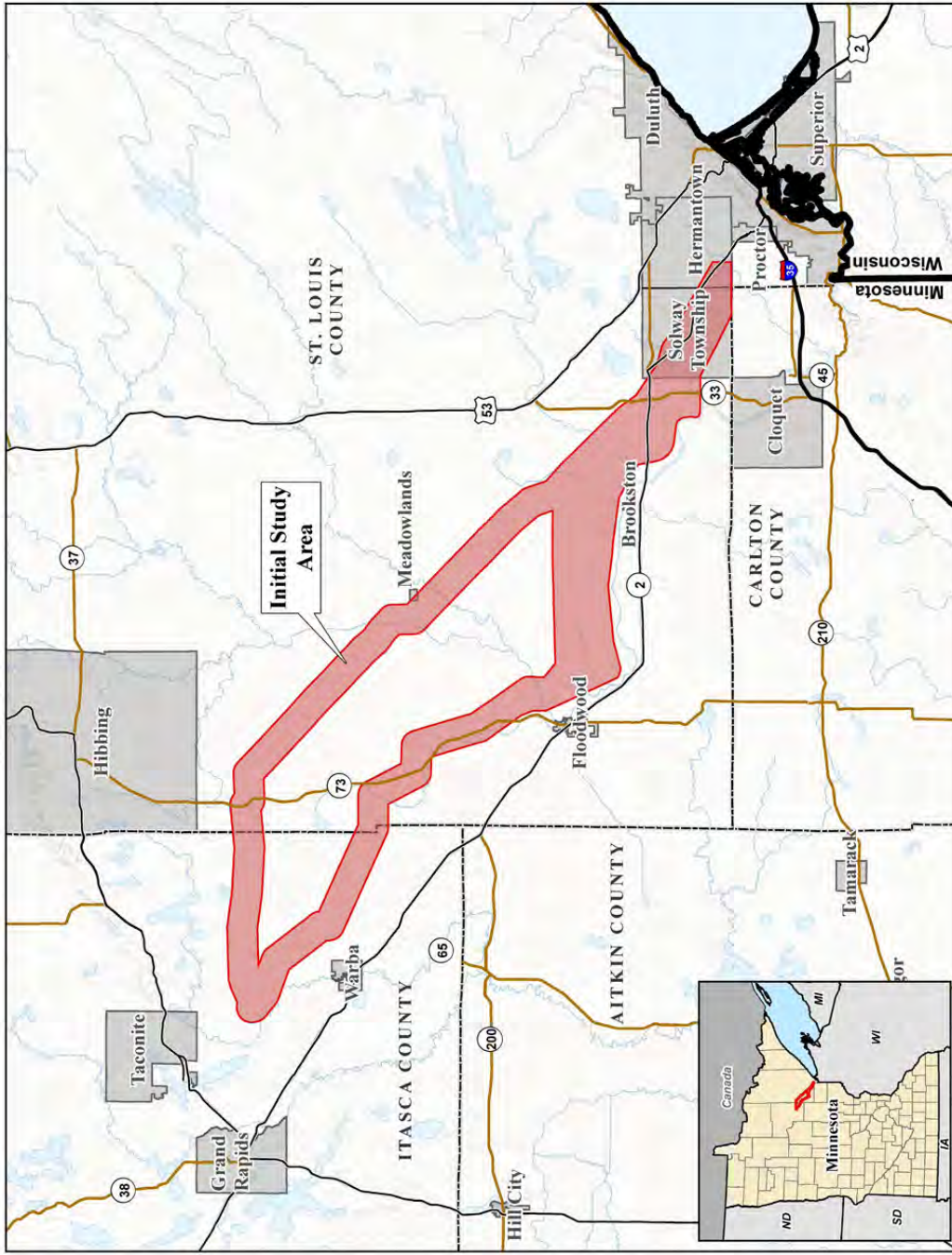
A new, approximately 62-mile-long, single-circuit 345 kV transmission line built on double-circuit capable structures from Minnesota Power's Iron Range Substation near Grand Rapids in Itasca County, Minnesota to Minnesota Power's St. Louis County Substation near Hermantown, Minnesota

A new, approximately 1-mile-long double-circuit 345 kV transmission line from Minnesota Power's St. Louis County Substation to American Transmission Company's Arrowhead Substation near Hermantown, St. Louis County, Minnesota

Where we've been

- Website launched in May 2025
- Open houses in May 2025
 - Invited agencies, tribes, and more than 2,000 landowners in the Initial Study Area: Grand Rapids, Floodwood, Meadowlands, Hermantown, and Solway Township
- Received, recorded, and responded to stakeholder feedback
- Agency and stakeholder meetings

Initial Study Area



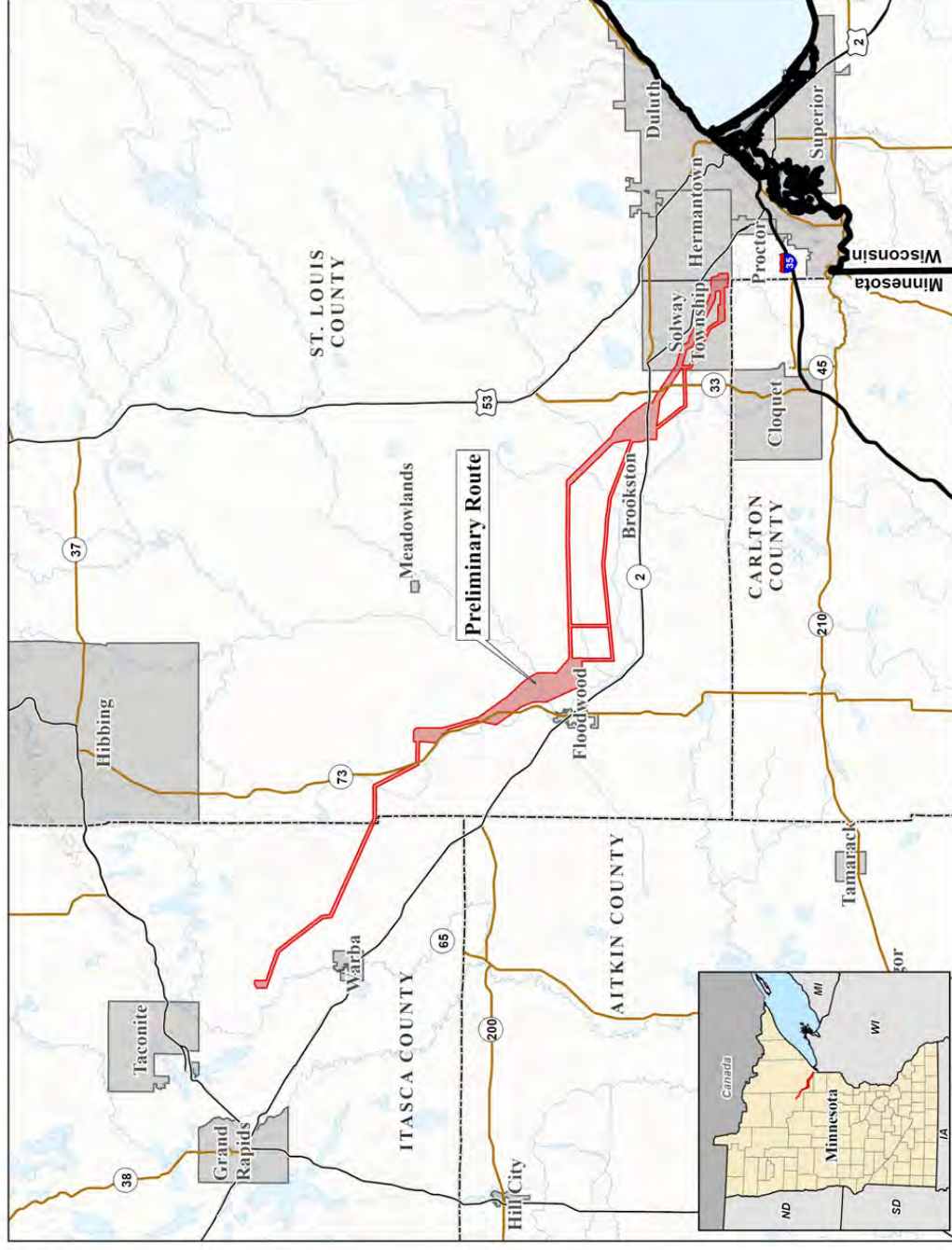
Where we are now

- Drafting joint Certificate of Need and Route Permit Application to be submitted to the Minnesota Public Utilities Commission
- Drafting the Environmental Assessment
- Continuing to respond to feedback and meet with landowners
- Refined the Initial Study Area to develop a Preliminary Route
- Open houses in August 2025
 - Invited agencies, tribes, and more than 500 landowners within the Preliminary Route: Coleraine, Floodwood, Hermantown, and Solway Township

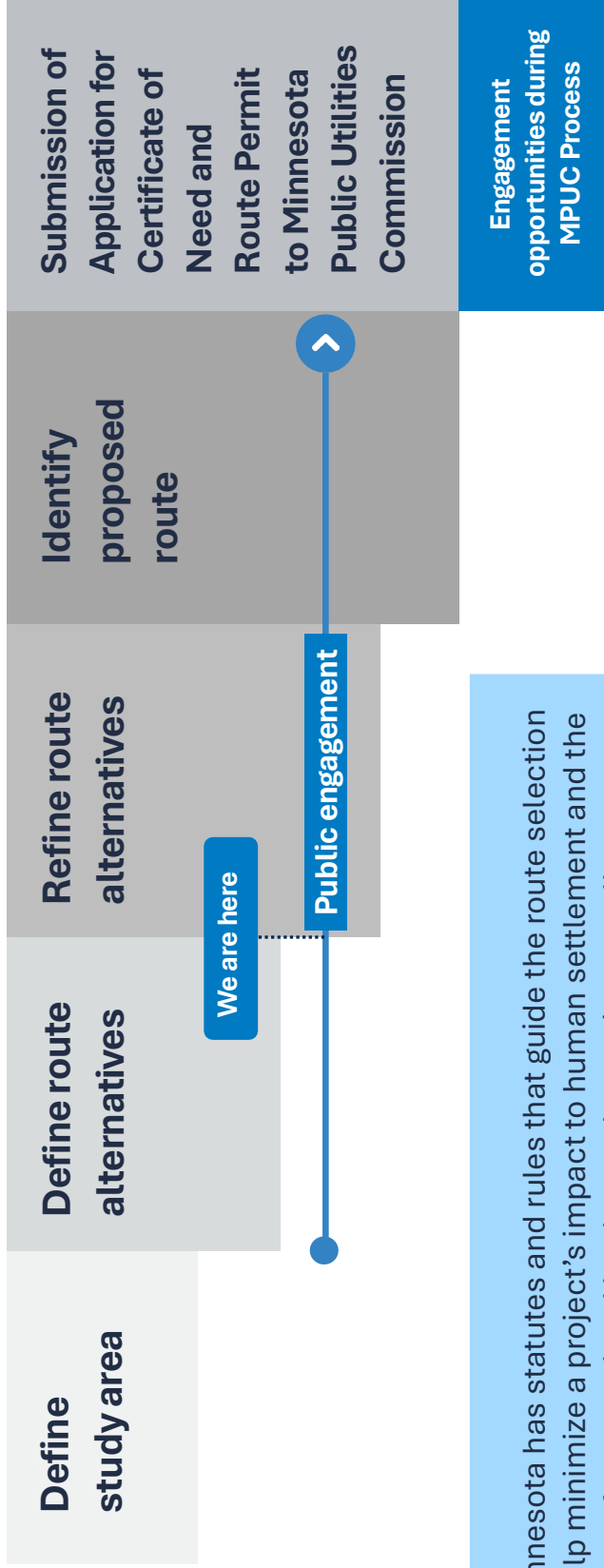
Preliminary Route

Routing opportunities were evaluated based on stakeholder feedback

- Public lands
- Proximity to residences
- Wildlife
- Wetlands and water resources
- Sensitive natural resources



Our routing process & input opportunities



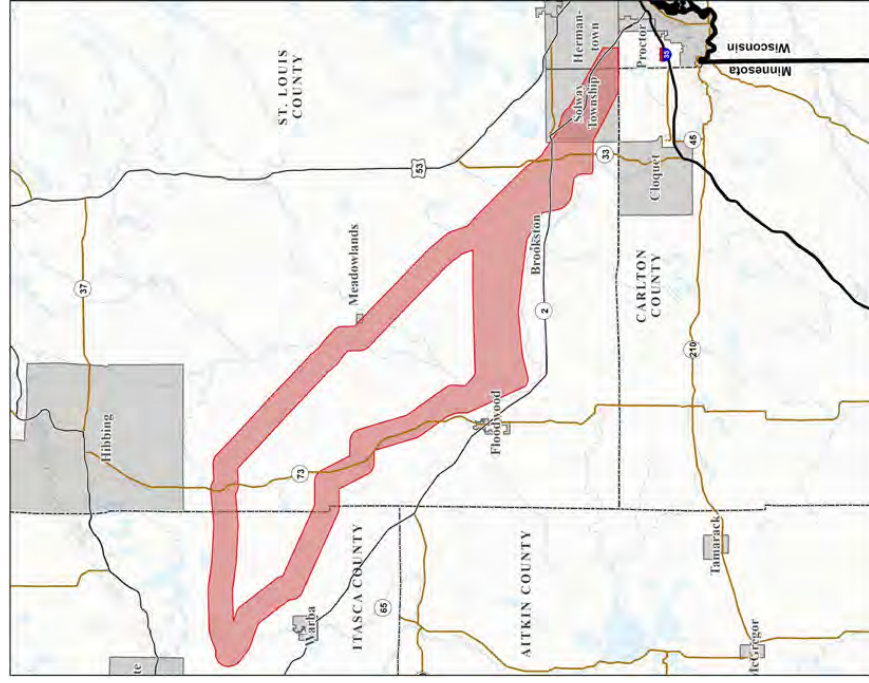
The state of Minnesota has statutes and rules that guide the route selection process and help minimize a project's impact to human settlement and the environment. Input from you, local leaders and agencies as well as our own expertise is critical as we develop and finalize a route.

Routing process considerations

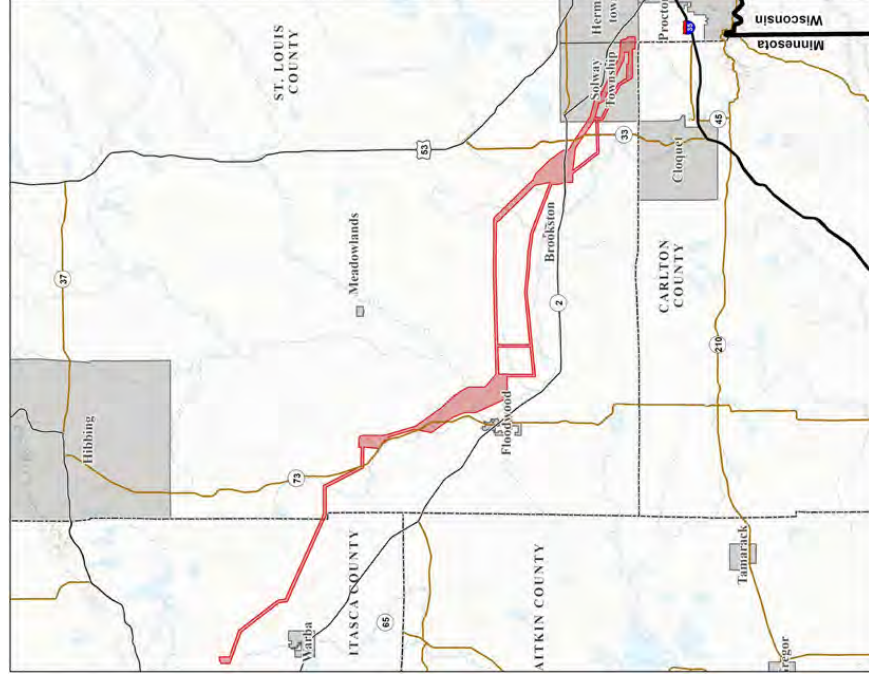
The criteria for route development is set by Minnesota statute and guides our routing process. To route a project, we consider:

- Opportunities
- Constraints
- Engineering and construction considerations

Study Area Map



Preliminary Route Map



Where we are going

- Continued agency and stakeholder coordination
- Refine the Route and Alignment
- File Certificate of Need/Route Permit Application and Environmental Assessment
(by February 2026)

Project timeline

2026-2028



2025

Stakeholder engagement and routing

Permitting, engineering, environmental surveys, ROW acquisition, and public engagement



2029-2032

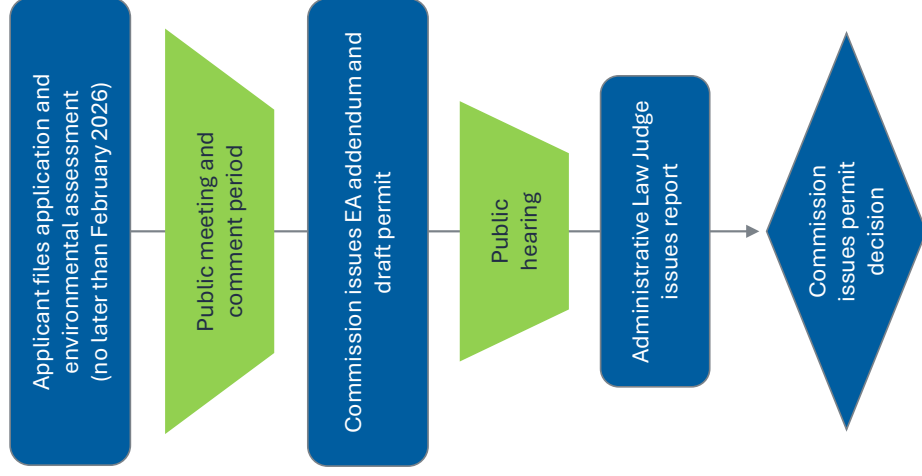
Construction

2032

Anticipated in-service



Permitting timeline



Anticipated studies

Field surveys allow the project team to verify or collect new information about the proposed route to help minimize impacts for construction of the transmission line. Studies may include:

- Geotechnical
- Biological
- Cultural resources
- Wetland and waterbodies
- Invasive species
- Protected species
- Raptor nests



Right-of-way

What is a right-of-way?

A right-of-way, or ROW, is a strip of land used for a specific purpose such as the construction, operation and maintenance of a road or transmission line. Right-of-way is typically secured as an easement on a property.

What is an easement?

An ownership interest in real property allowing Minnesota Power the right to construct, operate and maintain a transmission line and other associated infrastructure on your property.

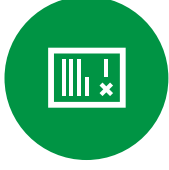
Our right-of-way acquisition process



Landowners are contacted to begin right-of-way acquisition process.



An easement is presented to a landowner. An offer based on fair market value is presented.



We work closely with the landowner to resolve concerns and reach an agreement. An easement is recorded.

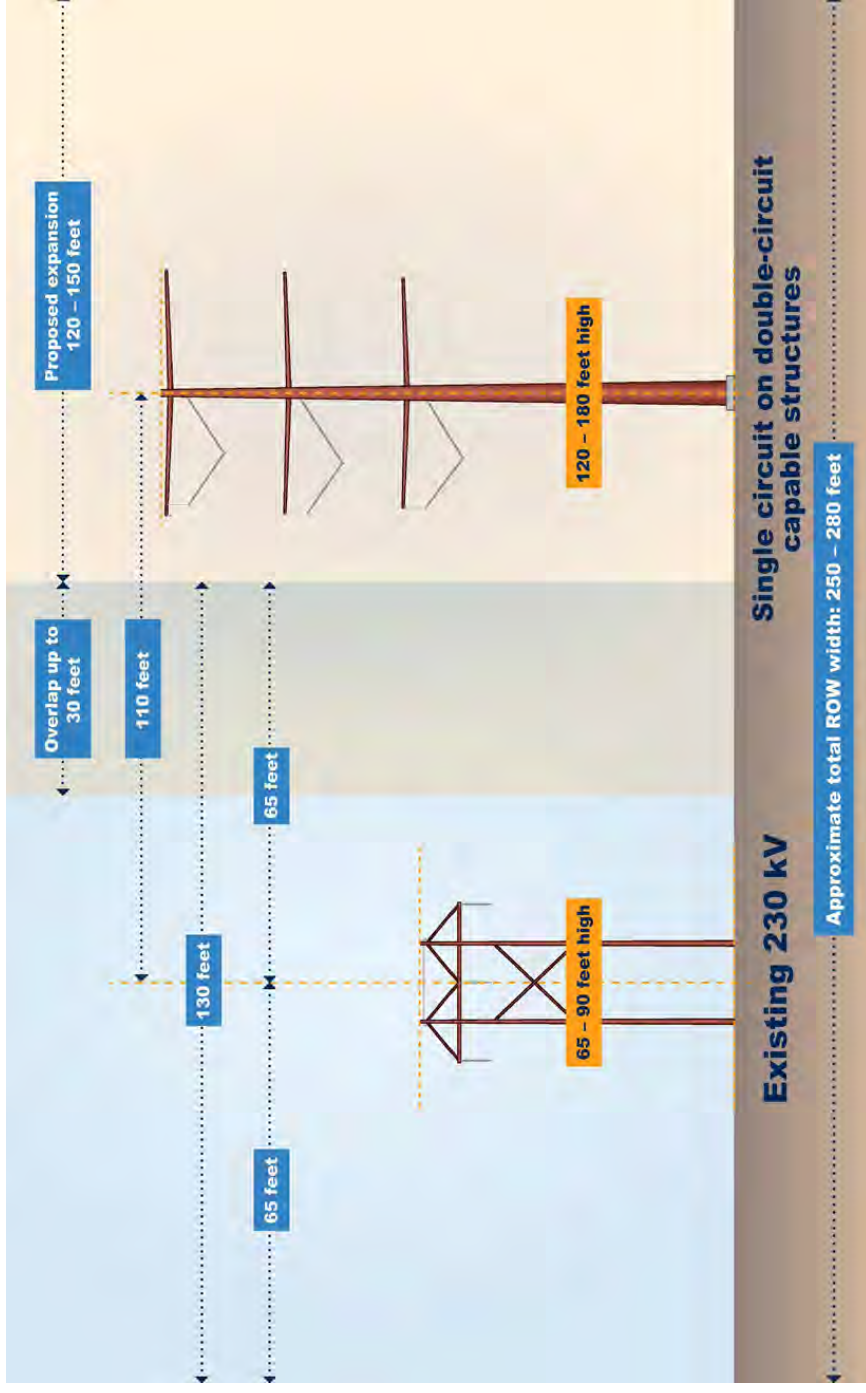


The utilities construct, operate, and maintain the transmission line within the right-of-way.

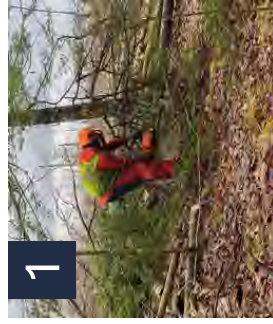
Typical design

Structure type factors:

- Land use/land cover
- Topography
- Water/wetlands
- Soil types

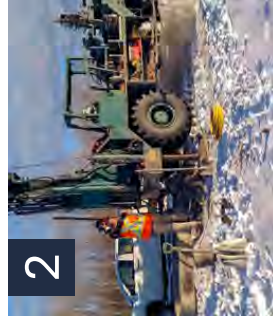


Typical preconstruction and construction activities



1

Initial surveying, right-of-way clearing and access routes



2

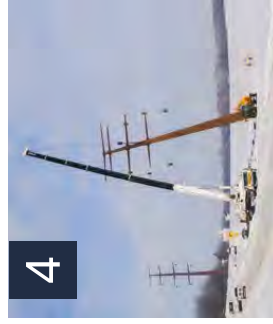
Structure staking, surveying and soils investigations as needed



3

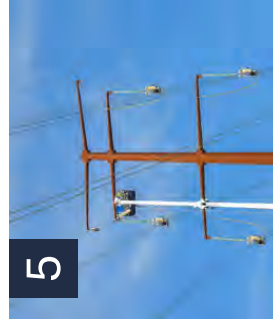
Foundation installation

Foundation type may vary depending on structure



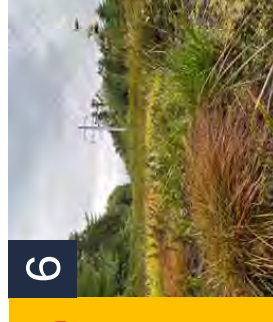
4

Assemble and set structures



5

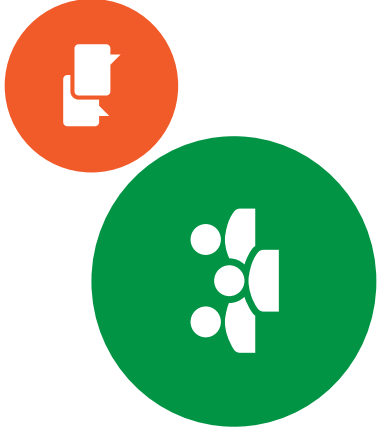
Wire installation



6

Cleanup and restoration

Connect with us!



- Email the project team:
connect@ISATransmissionProject.com
- Call the project hotline: **1-888-510-5303**
- Sign up to receive project updates or submit a comment: ISATransmissionProject.com/contact-us

You can also sign up to receive updates from the Minnesota Public Utilities Commission.

Visit edockets.state.mn.us/documents and enter the docket number:

- Certificate of Need docket number 25-111
- Route Permit docket number 25-112

Thank you!



For Release: August 5, 2025
 Contact: Amy Rutledge
 Director, Corporate Communications
 Minnesota Power/ALLETE
 218-348-2961
arutledge@mnpower.com

Public invited to attend open houses for Minnesota Power’s new 345-kV transmission line’s preliminary route

Minnesota Power is hosting a series of open houses this week where members of the public can ask questions and provide input on the ISA Transmission Project’s preliminary route.

The ISA Transmission Project is Minnesota Power’s proposed 63-mile-long, 345-kV transmission line from its Iron Range Substation near Grand Rapids, Minnesota, to its St. Louis County Substation near Hermantown, Minnesota, with a connection to American Transmission Company’s nearby Arrowhead Substation.

Based on input gathered during the first phase of public open houses in May and coordination with tribes and agencies, Minnesota Power refined the initial study area to identify a preliminary route. This second round of open houses will help identify the proposed route that will be submitted to the Minnesota Public Utilities Commission.

ISA, the Iron Range – St. Louis County – Arrowhead Transmission Project, is one of the transmission projects approved by the regional grid operator, Midcontinent Independent System Operator (MISO), in its 2024 Long-Range Transmission Planning portfolio. The project is an investment in supporting and strengthening a reliable, resilient and flexible grid as the demand for energy grows and more renewable energy comes online.

The open house schedule is in the table below. Project displays and detailed maps will be available for review, and project team members will be available to answer questions.

Wednesday, August 6	Thursday, August 7
Noon – 2:00 PM Coleraine City Hall/Nyberg Community Center 302 Roosevelt Ave Coleraine, MN 55722	1:00-3:00 PM Hermantown Government Center/City Hall – Training Center 5105 Maple Grove Road Hermantown, MN 55811
5:00-7:00 PM Floodwood Event Center 201 W 7th Avenue Floodwood, MN 55736	5:00-7:00 PM Solway Town Hall 4029 Munger Shaw Road Cloquet, MN 55720

For more information about the project or to view the virtual, self-guided open house, visit ISATransmissionProject.com. To ask a question, leave a comment, or be added to the project mailing list, send an email to connect@ISATransmissionProject.com or call the project hotline at 1-888-510-5303.

Minnesota Power provides electric service within a 26,000-square-mile area in northeastern Minnesota, supporting comfort, security and quality of life for 150,000 customers, 14 municipalities and some of the largest industrial customers in the United States. More information can be found at mnpower.com. *ALE-CORP*

ALLETE, Inc. is an energy company headquartered in Duluth, Minnesota. In addition to its electric utilities, Minnesota Power and Superior Water, Light and Power of Wisconsin, ALLETE owns ALLETE Clean Energy, based in Duluth; BNI Energy in Bismarck, N.D.; and New Energy Equity, headquartered in Annapolis, Maryland; and has an 8% equity interest in the American Transmission Co. More information about ALLETE is available at www.allete.com.

Minnesota Power calculates and reports carbon emissions based on the GHG Protocol. Details in ALLETE's Corporate Sustainability Report.

The statements contained in this release and statements that ALLETE may make orally in connection with this release that are not historical facts, are forward-looking statements. Actual results may differ materially from those projected in the forward-looking statements. These forward-looking statements involve risks and uncertainties and investors are directed to the risks discussed in documents filed by ALLETE with the Securities and Exchange Commission.

ISA Transmission Project
Social Media Releases – Open Houses August 2025

Over 280 characters (Facebook, Instagram, etc.):

1. Facebook post, Sunday, August 3

Join us at an open house near you to hear about updates to the ISA Transmission Project and provide input on the preliminary route.

The proposed ISA Transmission Project is an approximately 63-mile-long, 345-kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

Wednesday, August 6, 12 – 2 p.m.

Coleraine City Hall

Nyberg Community Center

302 Roosevelt Ave

Coleraine, MN 55722

Wednesday, August 6, 5 – 7 p.m.

Floodwood Event Center

201 W 7th Avenue

Floodwood, MN 55736

Thursday, August 7, 1 – 3 p.m.

Hermantown Government Center/City Hall – Training Center

5105 Maple Grove Road

Hermantown, MN 55811

Thursday, August 7, 5 – 7p.m.

Solway Town Hall

4029 Munger Shaw Road

Cloquet, MN 55720

For more information about the project and to view a map of the preliminary route, visit ISATransmissionProject.com.

To ask a question, leave a comment, or be added to the project mailing list, email connect@ISATransmissionProject.com or call the project hotline at 1-888-510-5303.

2. Facebook post, Tuesday, August 5 targeting Coleraine/Grand Rapids Area

Join us at an open house tomorrow, Wednesday, Aug. 6, from 12 – 2 p.m., at the Nyberg Community Center to hear about updates to the ISA Transmission Project and provide input on the preliminary route.

The proposed ISA Transmission Project is an approximately 63-mile-long, 345-kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

Here are the details:

Wednesday, August 6, 12 – 2 p.m.

Coleraine City Hall

Nyberg Community Center

302 Roosevelt Ave

Coleraine, MN 55722

For more information about the project and to view a map of the preliminary route, visit ISATransmissionProject.com.

3. Facebook post, Wednesday, August 6 targeting Floodwood, Hermantown, Cloquet

Join us at an open house near you to hear about updates to the ISA Transmission Project and provide input on the preliminary route.

The proposed ISA Transmission Project is an approximately 63-mile-long, 345-kilovolt transmission line between Grand Rapids and Hermantown, Minnesota, designed to maintain a reliable, resilient, and flexible grid for our customers and communities.

We're hosting open houses in Floodwood, Hermantown and Cloquet. Here are the details:

Wednesday, August 6, 5 – 7 p.m.

Floodwood Event Center

201 W 7th Avenue

Floodwood, MN 55736

Thursday, August 7, 1 – 3 p.m.

Hermantown Government Center/City Hall – Training Center

5105 Maple Grove Road

Hermantown, MN 55811

Thursday, August 7, 5 – 7p.m.

Solway Town Hall

4029 Munger Shaw Road

Cloquet, MN 55720

For more information about the project and to view a map of the preliminary route, visit ISATransmissionProject.com.

Under 280 characters (X):

We're hosting open houses to provide updates about the ISA Transmission Project. Join us to learn more and provide input. More about a reliable, resilient grid at ISATransmissionProject.com.

Wednesday, Aug. 6: Coleraine & Floodwood

Thursday, Aug. 7: Hermantown & Solway Township

