

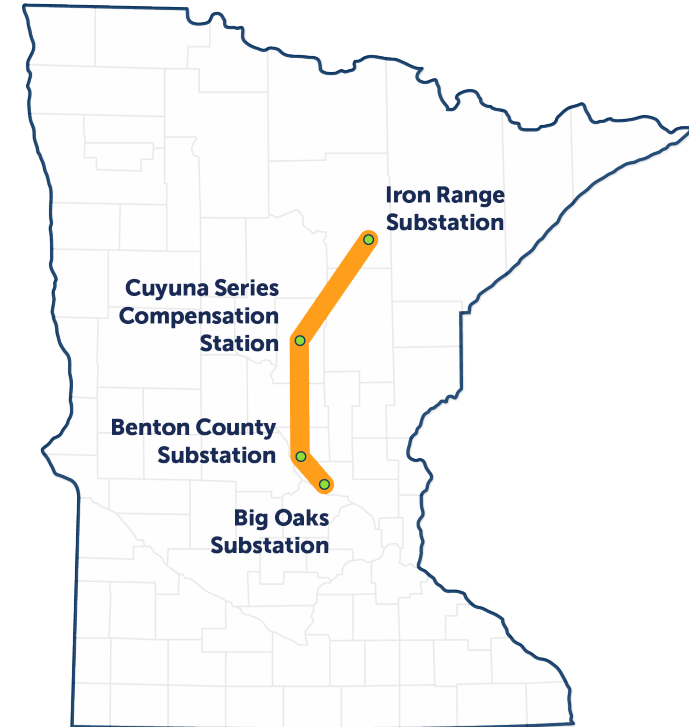
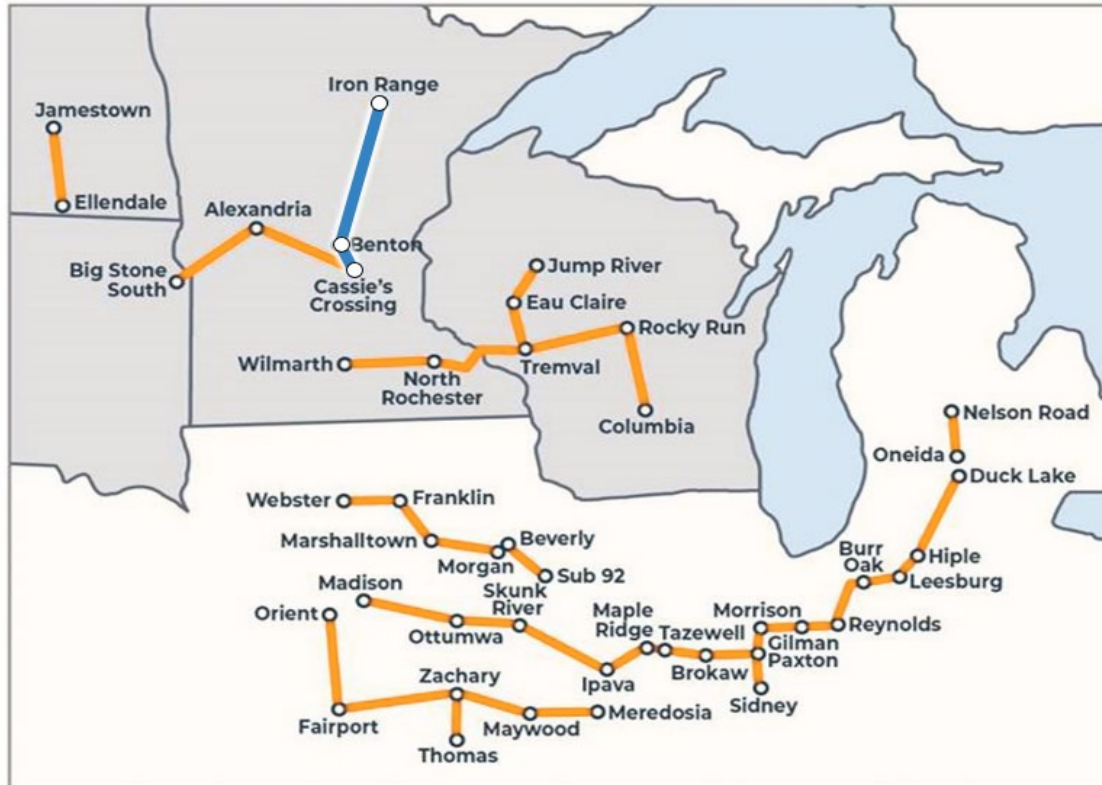
Northland Reliability Project



Project Updates

Sherburne County, April 2025

MISO-approved project: part of a regional plan



Double-circuit 345-kV line

90% co-located with existing HVTL

180 miles

Expanded and new substations

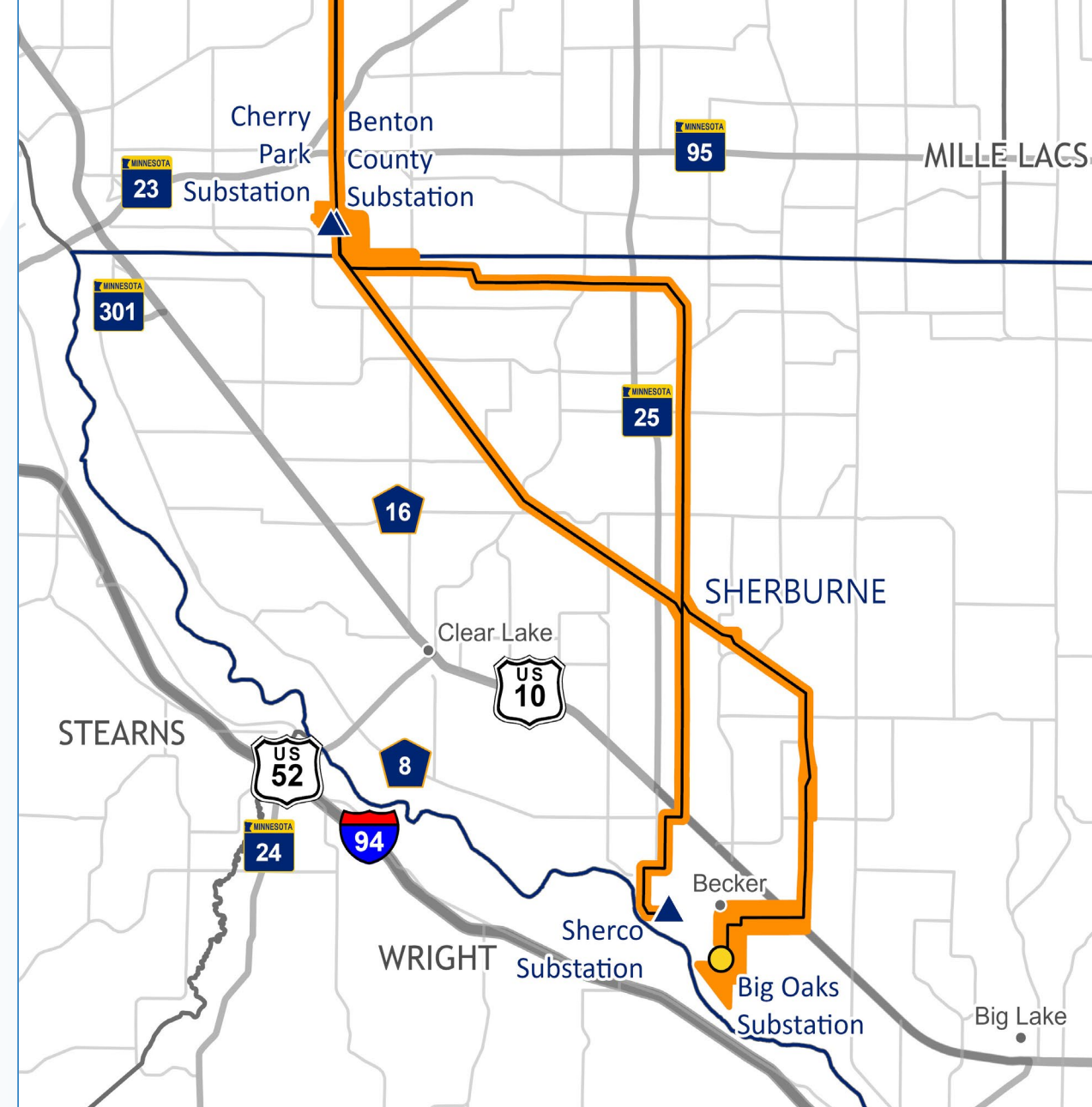
PUC Approved Route

- 90% following HVTL, increase from 85%
- Consolidates existing lines, reduces new right-of-way
- Expands around Swatara to avoid residences
- Crosses the Mississippi River primarily within existing right-of-way
- Rebuild existing transmission lines through Riverton
- Increases use of tax forfeit lands in new right-of-way

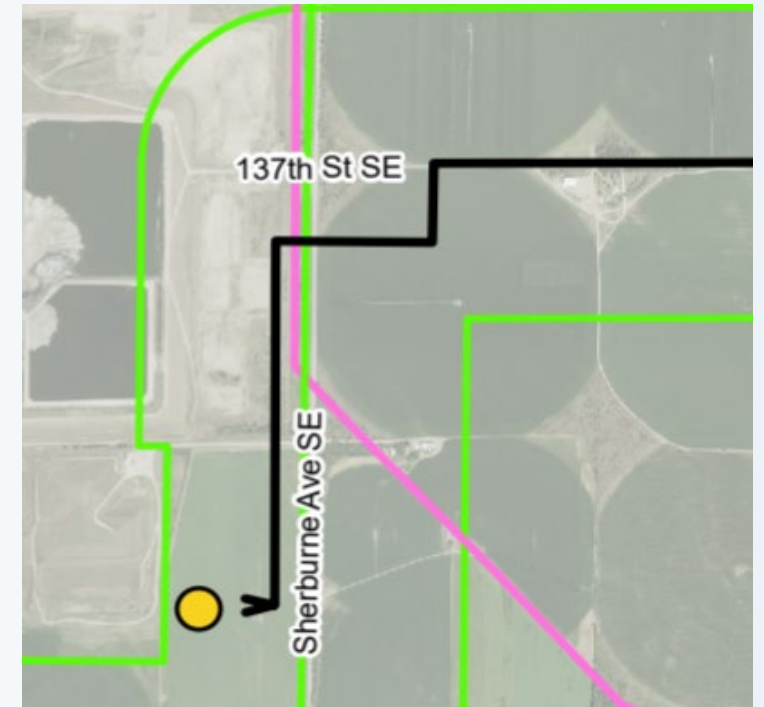
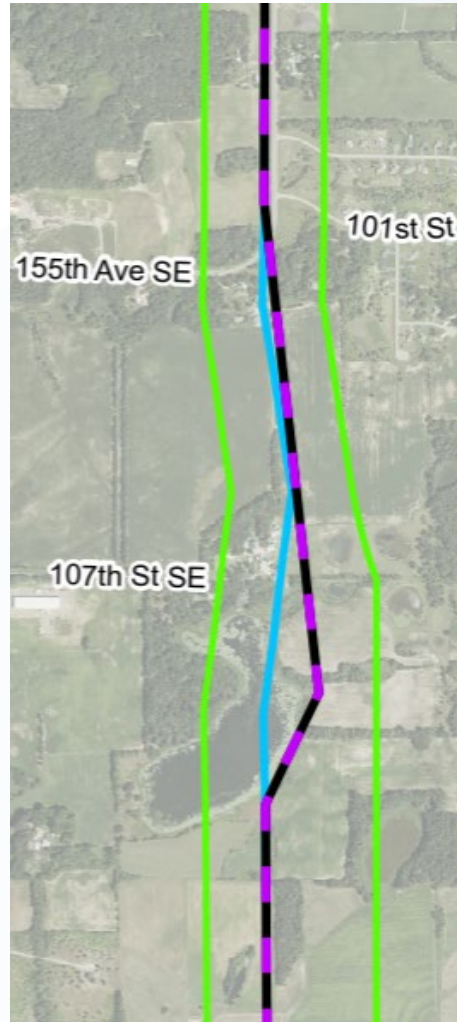


PUC Approved Route – Sherburne County

- Follows existing transmission lines
- Alignment shifts were made in two locations to move structures out of open water



PUC Approved Route



On-going and upcoming milestones



Engineering design for substations and transmission line



State, federal, and local permitting



Road Use Agreement and Road crossing / driveway permitting



Material delivery in Aug/Sept 2025



Benton County Substation tree clearing in April 2025



Access matting Sept 2025



Foundation construction Oct 2025



Continue coordination with Parks & Recreation Dept

Three construction phases

- **Phase 1:** Segment 2 and Realignments (Oct. 2025 – 2026)
- **Phase 2:** Benton County Substation to Cuyuna Series Comp Station (2025 – 2027)
- **Phase 3:** Cuyuna Series Comp Station to Iron Range Substation (2027 – 2029)



Construction Steps

Phase 1

Landowner notices provided in advance of construction

Starting 2025



Continuing into 2026

Pre-construction through restoration



1. Tree clearing



2. Structure staking, surveying and soil investigations



3. Foundation installation



4. Assemble and set structures



5. Wire installation



6. Cleanup and restoration

Phases 2 and 3

Landowner notices provided in advance of construction

Starting 2026



Continuing into 2030



Field surveys

Landowner notices provided in advance of surveys

Started
October 2023



Continued
May – November 2024



Continuing
Into 2025

Types of surveys



Biological



Cultural
resources



Noxious weeds



Wetlands



Soil borings

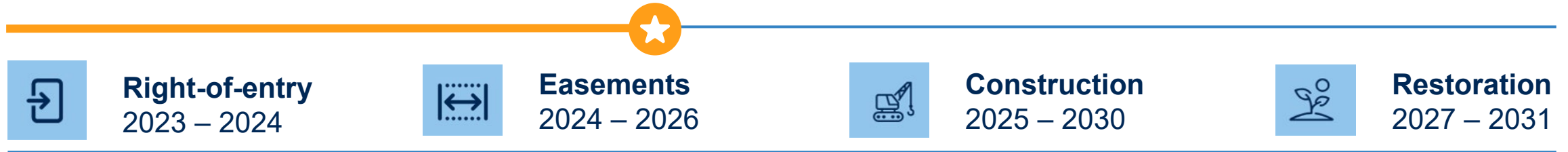


Land

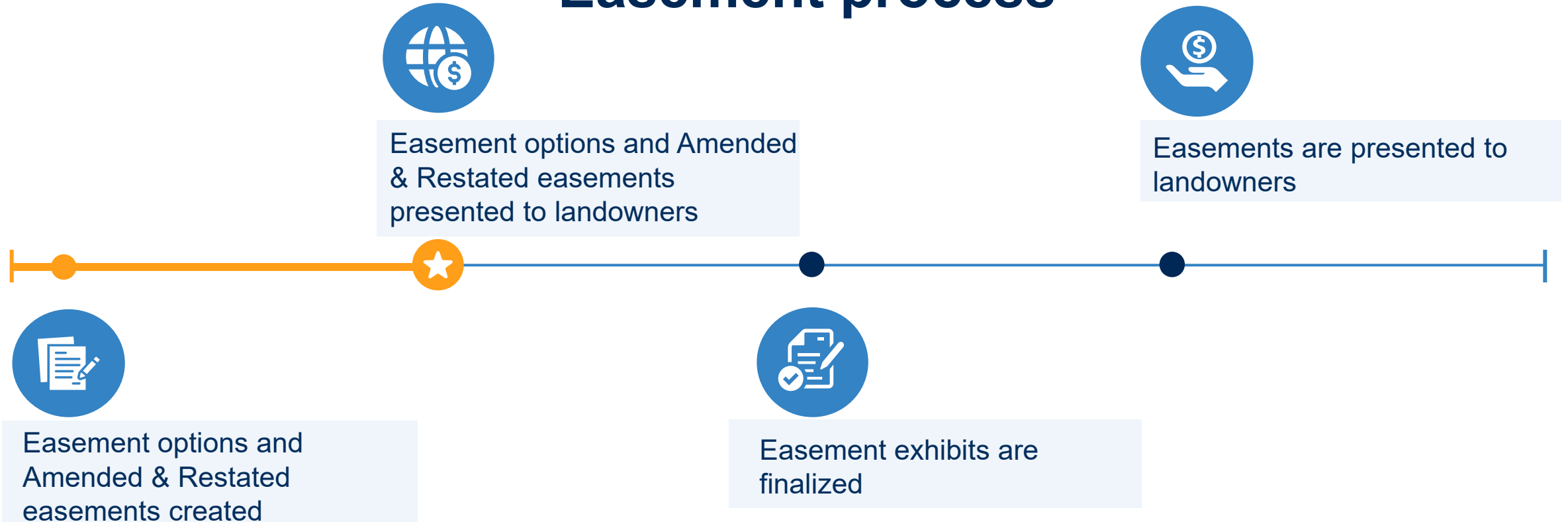
Geo-tech soil boring surveys



Real estate process



Easement process



What landowners can expect during construction



Right-of-entry
2023 – 2024



Easements
2024 – 2026



Construction
2025 – 2030



Restoration
2027 – 2031

We will do our best to minimize impacts during construction. However, the following temporary impacts will occur:

- Construction staking
- Noise, dust and lights for nearby residents
- Equipment, materials and construction crews moving
- Temporary lane and road closures
- Work during daylight hours, which are 7 a.m. – 7 p.m.
- Vegetation clearing within the easement area
- Erosion control measures

Northland Reliability Project



Connect with us!



northlandreliabilityproject.com



Send us an email at
connect@northlandreliabilityproject.com



Call our hotline at
218-864-6059