

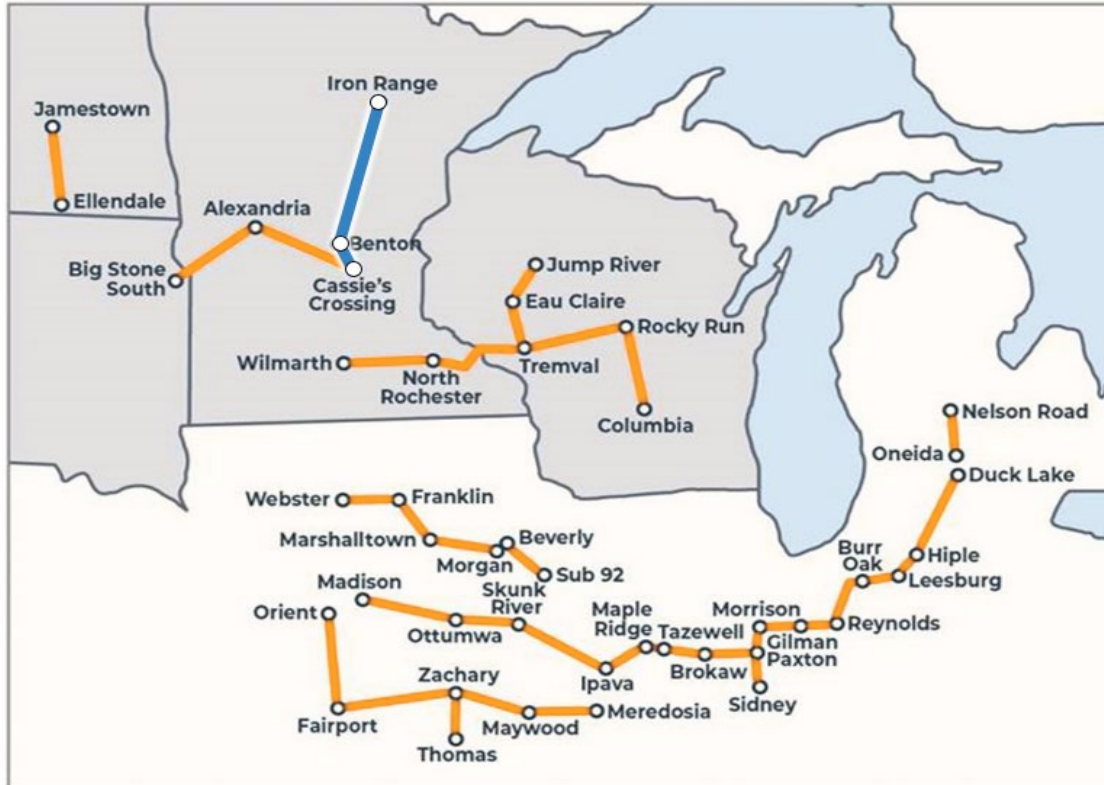
Northland Reliability Project



Project Updates

Itasca 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

28 February 2025

- 90% following HVTL, increased from 85%
- Consolidates existing lines, reduces new right-of-way needed for NRP
- Expands around Swatara to avoid residences
- Crosses the Mississippi River primarily within existing right-of-way
- Rebuild existing transmission lines through Riverton, no longer on east side of Cuyuna Country State Rec Area
- Increases use of tax forfeit lands in new right-of-way



PUC Approved Route – Itasca County

- Co-location of 92 and 11 Lines starting in Blackberry Township
- Co-location reduces amount of new right-of-way for about 11 miles



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

SEGMENT 2

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

SEGMENT 1

Landowner notices provided in advance of construction

Starting 2026



Continuing into 2030



On-going and upcoming construction milestones



Engineering design for substations and transmission line



State, federal, and local permitting efforts



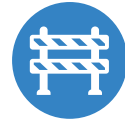
Field surveys in select areas in 2025



Negotiate easements with landowners



Benton County Substation tree clearing in spring 2025



Segment 2 pre-construction activities in summer of 2025



Segment 2 foundation construction begins fall 2025



Segment 1 (Riverton Area) tree clearing begins winter 2025/2026

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

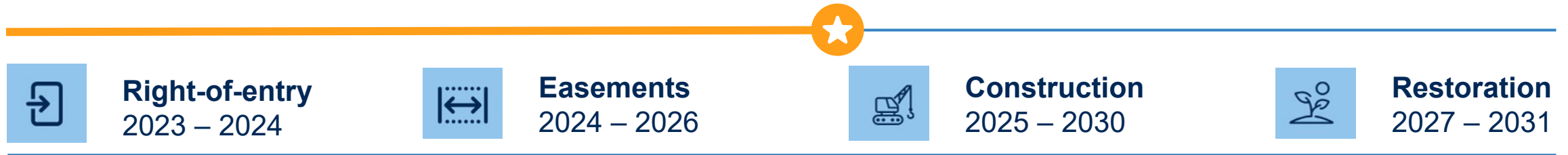


Land

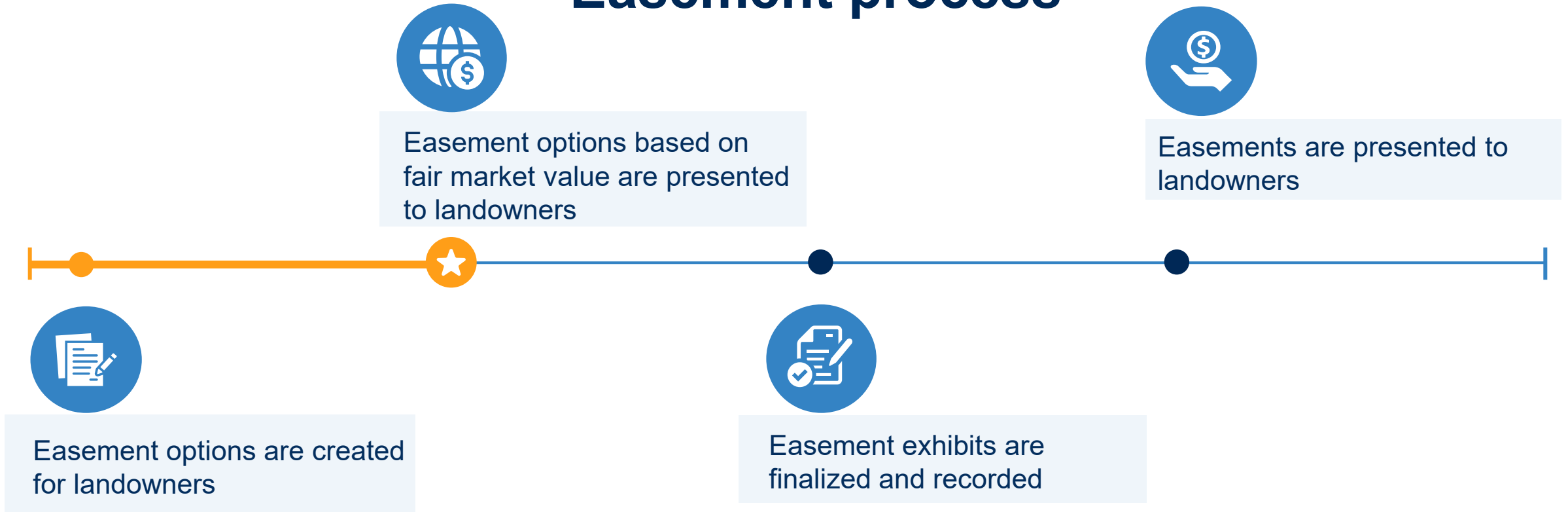
Geo-tech soil boring surveys



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:

- Noise, dust and lights for nearby residents
- Equipment (such as pick-up trucks, tree-clearing machines, anchor-drilling trucks and wire-stringing vehicles), materials and construction crews located along the road and in project right-of-way
- Temporary lane and road closures
- Work during daylight hours with potential for some work to be completed outside normal working hours, which are 7 a.m. – 7 p.m.
- Removal of all trees and other tall vegetation within the easement area
- Erosion control measures installed to reduce impacts to streams and wetland areas

Continued project communications



Continue supporting our project email, information line and website



Land agent updates and notifications



Mail and email updates



Local leader project update presentations



Upcoming communication: Debut of the quarterly newsletter – both mailed and emailed

Northland Reliability Project



Connect with us!



northlandreliabilityproject.com



Send us an email at
connect@northlandreliabilityproject.com



Call our hotline at
218-864-6059