



PowerOn Midwest

Minnesota Department of Transportation
March 17, 2026

Agenda

- PowerOn Midwest Project Update
 - Schedule Milestones
 - Routing Updates
- MnDOT District Coordination
- Future Meetings and Coordination

Project description

Routes are illustrative

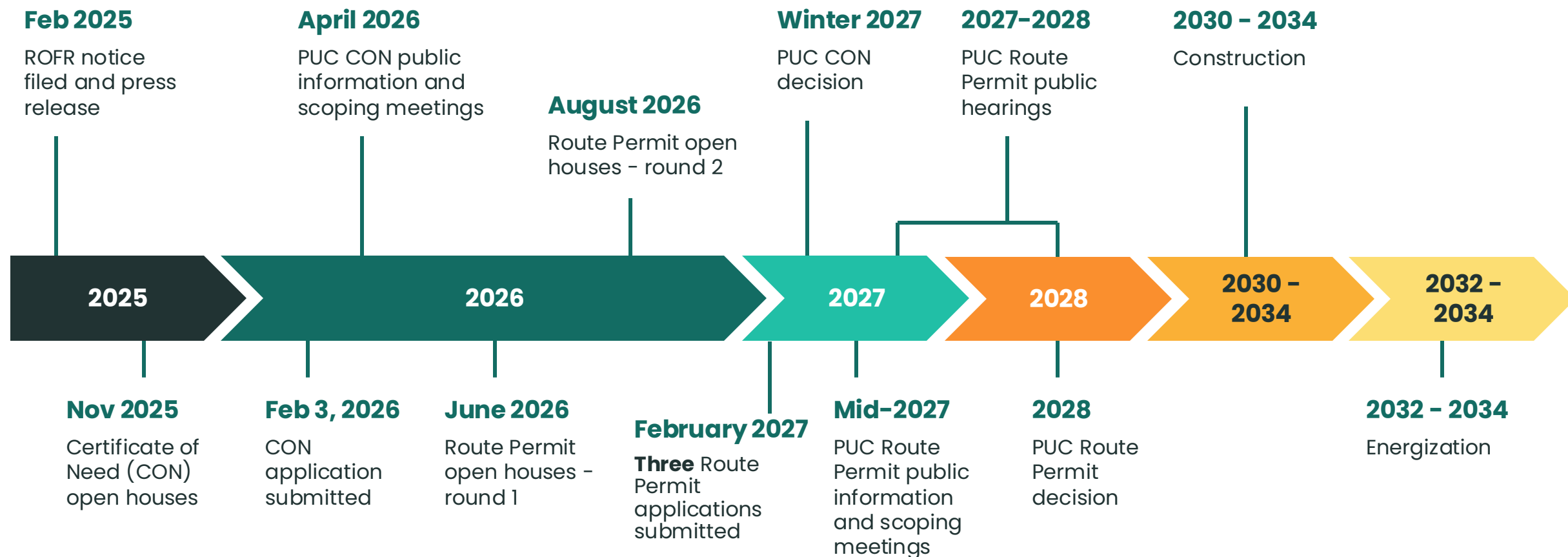


Segment	Owners
1 765kV SD/MN Border – Lakefield	Xcel Energy/ ITC Midwest
2 765kV Lakefield – Iowa Border	ITC Midwest
3 765kV Lakefield – Pleasant Valley	Great River Energy/ITC Midwest
4 765kV Pleasant Valley – North Rochester	Great River Energy/ Xcel Energy
5 345kV Pleasant Valley – North Rochester	Xcel Energy
6 345kV North Rochester – Hampton	Xcel Energy

Project includes expansions of existing substations



Preliminary schedule



Routing Updates

- South Dakota to Lakefield
 - Xcel Energy & ITC Midwest, Barr Engineering
- Lakefield to Iowa & Lakefield to Pleasant Valley
 - Lakefield to Iowa: ITC Midwest, HDR
 - Lakefield to Pleasant Valley: Great River Energy & ITC Midwest, Merjent
- Pleasant Valley to North Rochester
 - Great River Energy & Xcel Energy, Merjent

MnDOT District Coordination

- Future MnDOT projects
- Anomalies, known utility conflicts, red flags
- Crossing angles
- Collocation and right-of-way sharing
- Potential crossings and major highways in Project area
- Early Notification Memo
 - Threshold for filing and desired timing



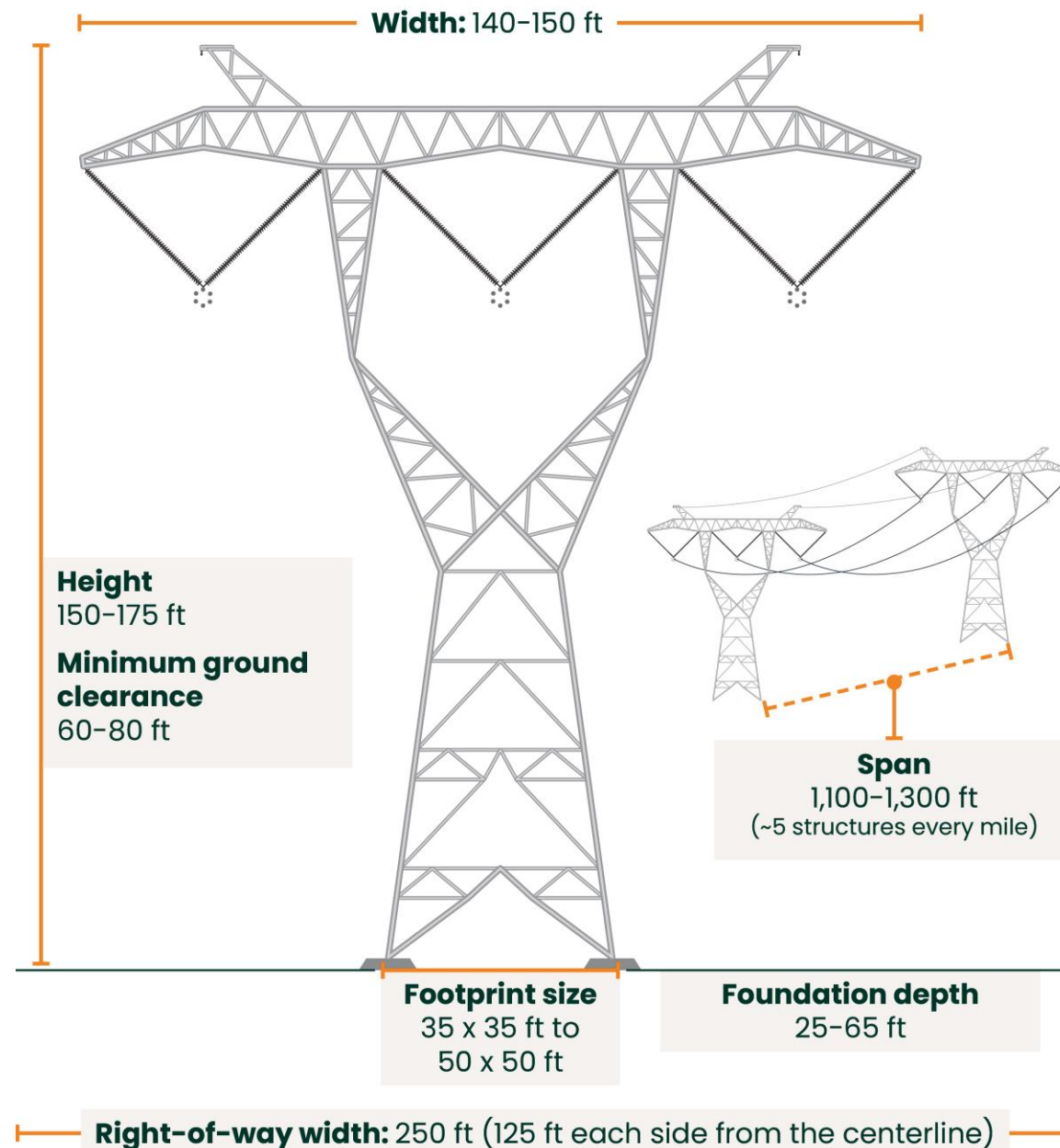
Open discussion/next steps



Future Meetings

- MnDOT Lunch and Learn – Spring 2026
- Future routing discussions
 - May 2026: Outreach letters sent to permitting agencies

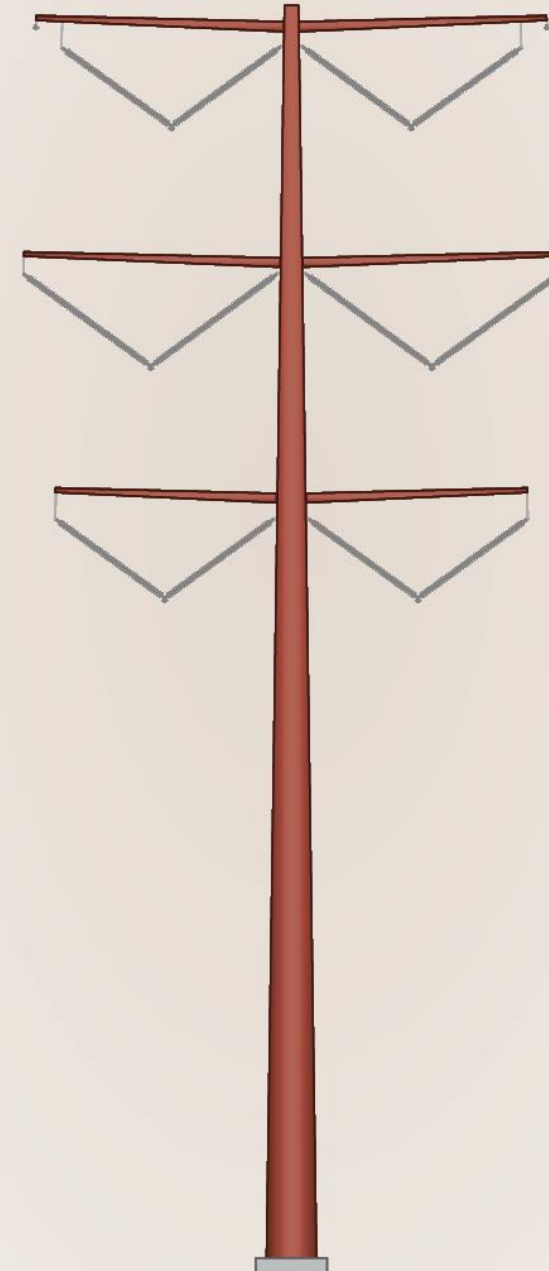
765 kV structure



345 kV structure

- Replace existing single-circuit structures (Pleasant Valley to North Rochester).
- Second circuit added to existing structures (North Rochester to Hampton).

Height:	90-160 ft
Width:	14-50 ft
Span:	800-1,200 ft
Minimum Ground Clearance:	26-38 ft
Foundation Depth:	30-40 ft
Right-of-way Width:	150 ft





Thank You