



THE POWER OF PEOPLE

Norfolk-Stanton North 115 kV Transmission Line Proposed Route Update

NPPD Board of Directors Meeting
December 2023

Paul Brune, Senior Project Manager
Dan Black, HDR



Presentation Outline

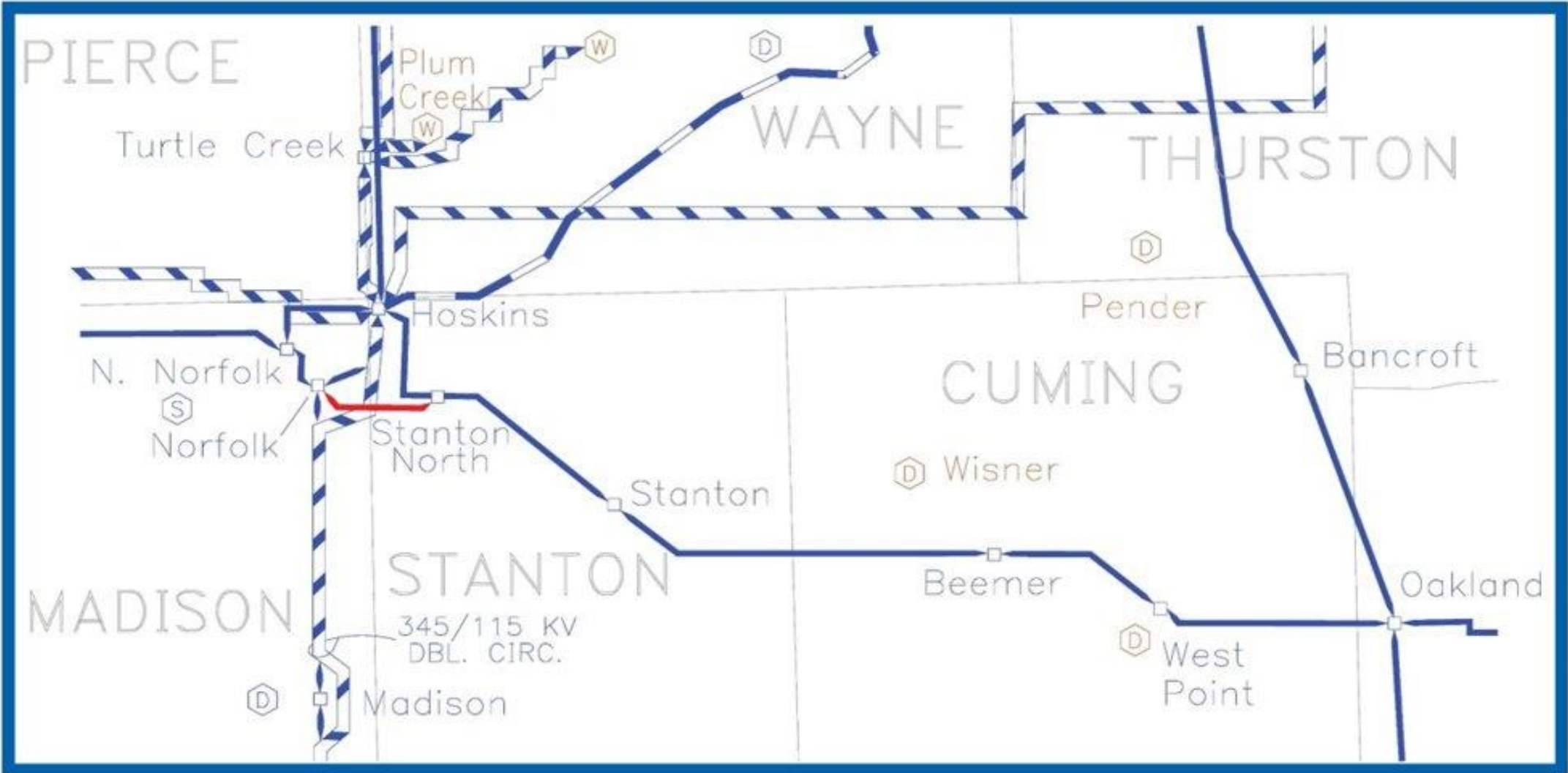
- Norfolk Power Project
 - ✓ Need & Benefit
 - ✓ Routing, Siting & Public Involvement
 - ✓ Proposed Route
- Next steps

Need & Benefit

Norfolk Area Transmission System

- The electric load in Stanton, Cuming, and Burt Counties continues to grow, and the existing 115 kV transmission system is facing high electrical demand.
- In exploring several different options, NPPD and SPP determined a 115 kV transmission line from the Norfolk substation on the east side of Norfolk to the Stanton North substation northwest of Stanton will accommodate current and projected future loads.
- The new line will provide additional reliability and enhanced resiliency.

Need & Benefit Map



Need & Benefit

Norfolk to Stanton North 115 kV Project

- The new Norfolk – Stanton North transmission line project received a Notification To Construct from SPP
- NPPD Board of Directors has approved NPPD's commitment to construct this new network upgrade
- The Nebraska Power Review Board has approved NPPD's authorization to construct this project

Routing, Siting & Public Involvement

Public Involvement Summary

Event	Location	Date	Letter Invitations Sent	Attendance
Phase 1 Open House	Victory Road Assembly of God Church	September 19, 2023	134	44 in person 23 virtual
Phase 2 Open House & Public Hearing	St. Peter's Catholic Church Stanton, NE Victory Road Assembly of God Church Norfolk, NE	December 12, 2023	48	31 in person

Routing, Siting & Public Involvement

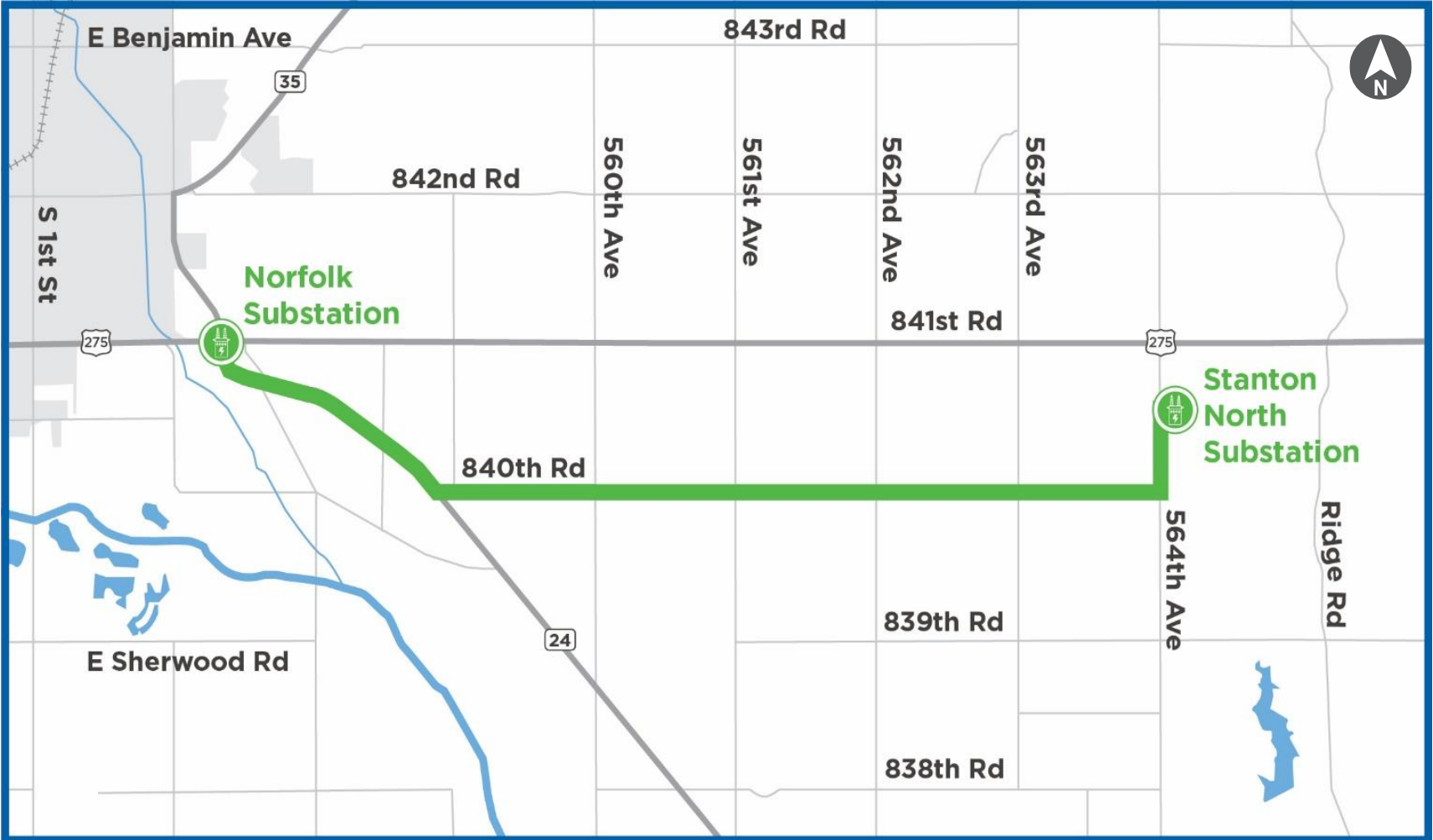
Routing & Siting Criteria

At each step of the process, the team considered these three categories of routing criteria:



Routing, Siting & Public Involvement Phase 2 Open House & Public Hearing

Attendees:
 **31**
in person

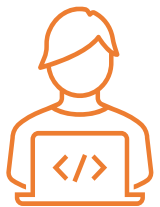


Routing, Siting & Public Involvement Phase 1 Open House

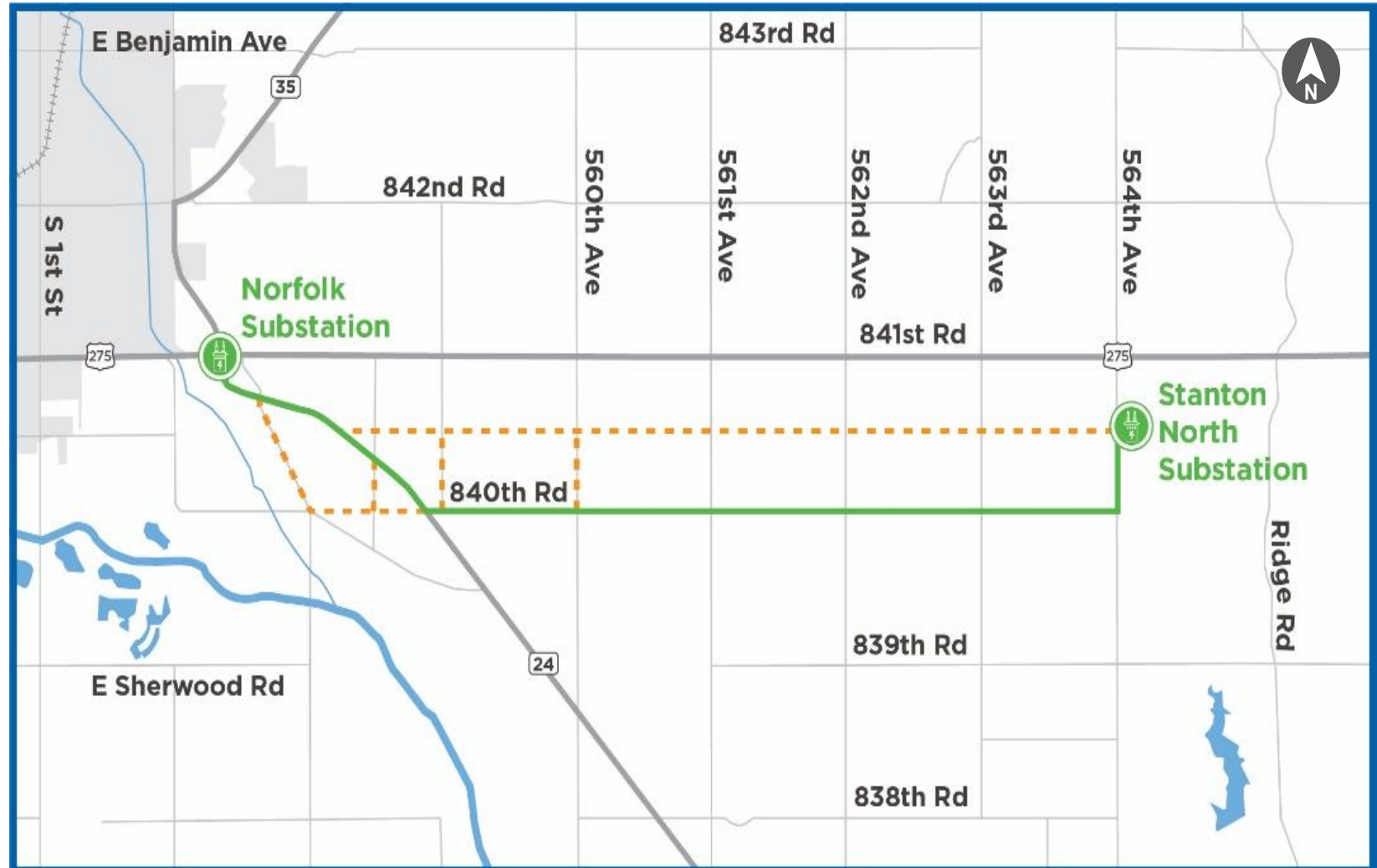
Attendees:



44
in person



23
virtual



Routing, Siting & Public Involvement

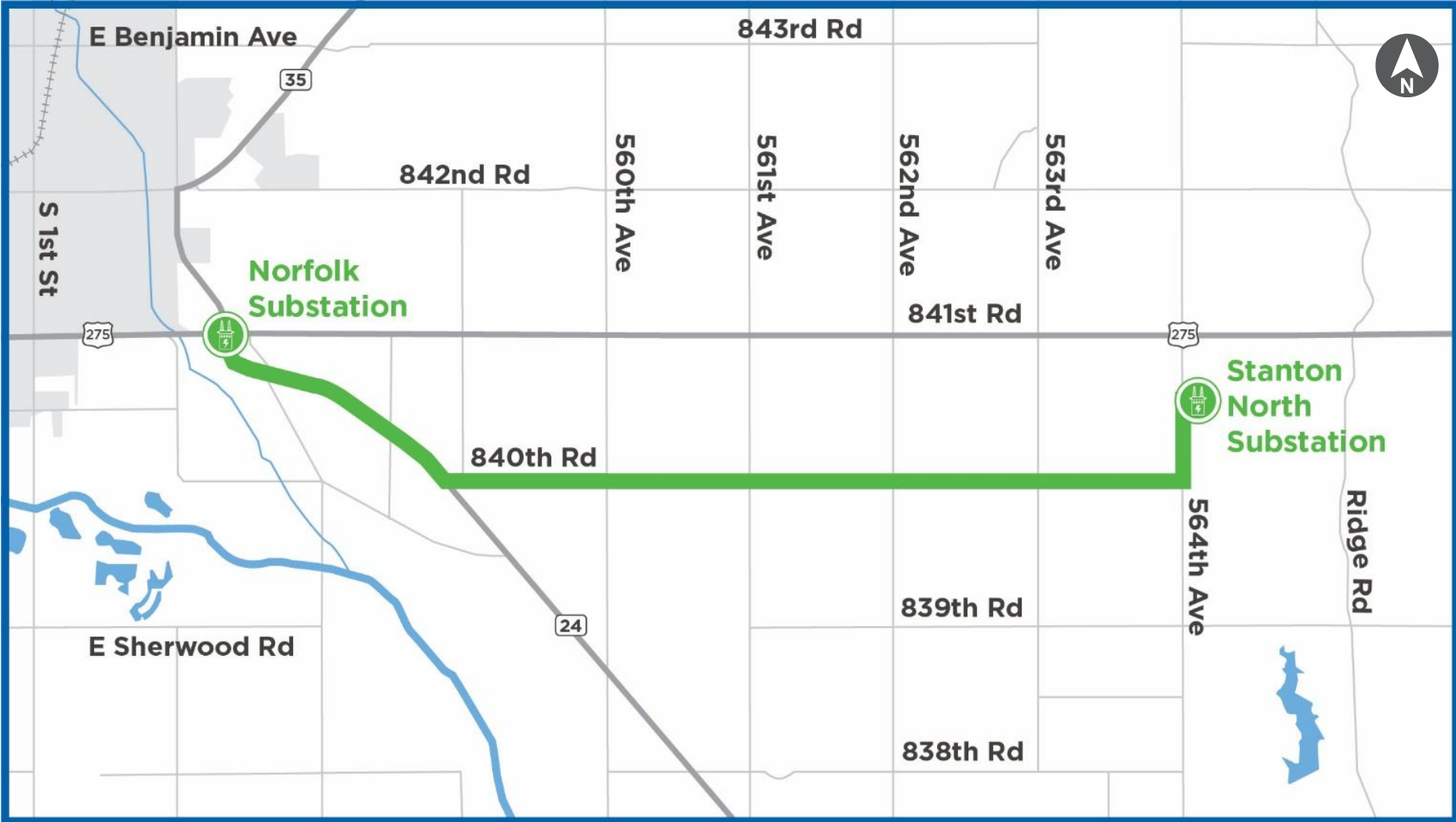
Phase 2 Routing Decision Map

Routing Criteria (within 100 feet unless otherwise noted)	Blue	Orange	Green (Proposed Route)
Homes (100 ft)	0	1	1
Homes (30 ft)	0	0	0
Active Wells	0	2	2
Structures	4	6	7
Center Pivot Irrigation	0	3	3
Churches/Schools	0	0	0
NWI Wetlands	18	17	17
Tree Cover (Acres within 60ft corridor)	7.2	4.84	4.97
Existing Transmission + Sub-T (1,000 Linear Feet)	22.1	3.5	6.0
Road Corridor (1,000 Linear FT)	5.4	35.8	39.1



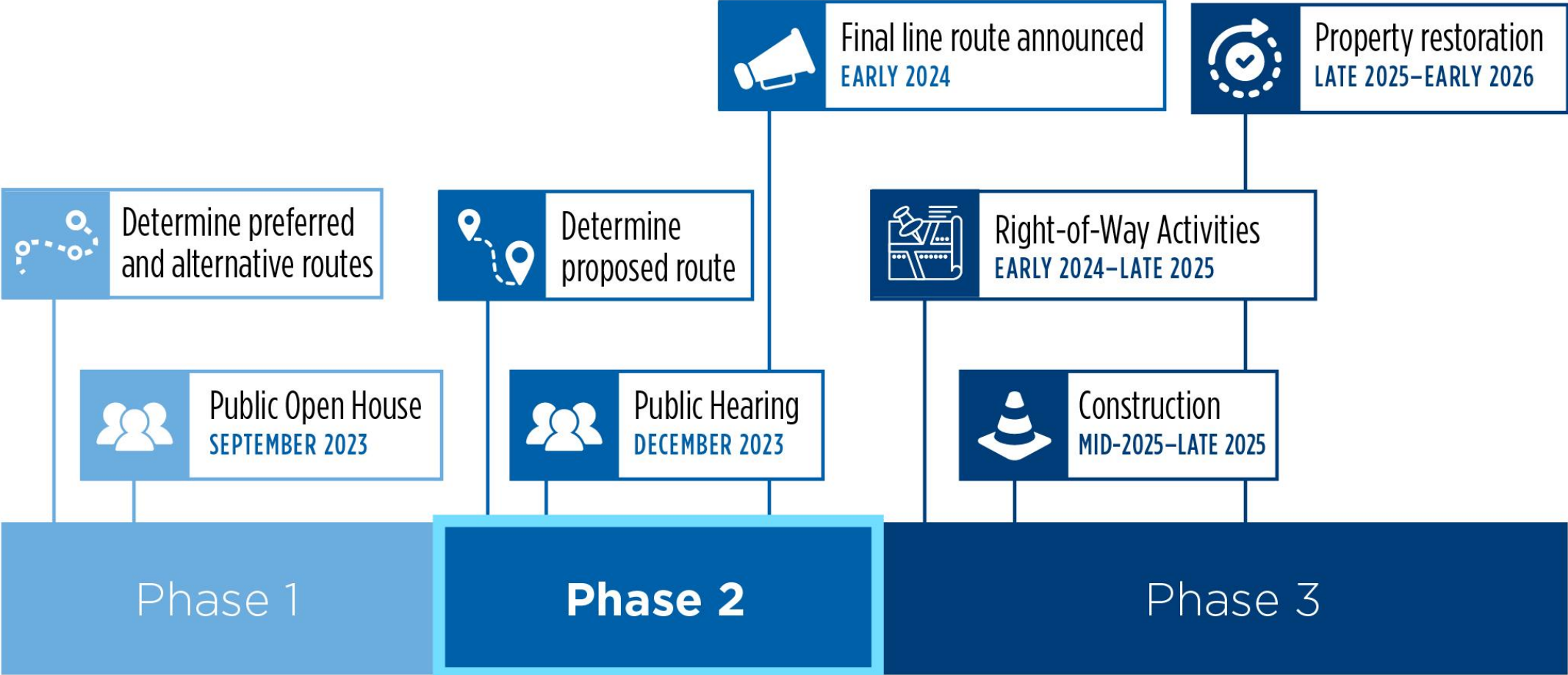
Proposed Route

Proposed Route Map



Next Steps

Project Schedule





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Questions

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Nebraska Public Power District
Always there when you need us