

Sarpy Southwest Transmission Project

Routing, Siting & Public Involvement Results and Route Announcement
May 18, 2021

Project Overview

- Construct three new transmission lines
- Purpose & Need
 - Interconnect the Turtle Creek Station - backup natural gas generation facility
 - Support growth in this area
 - Maintain system resiliency and reliability


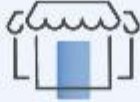

























Sarpy Southwest Transmission Routing, Siting & Public Involvement Process

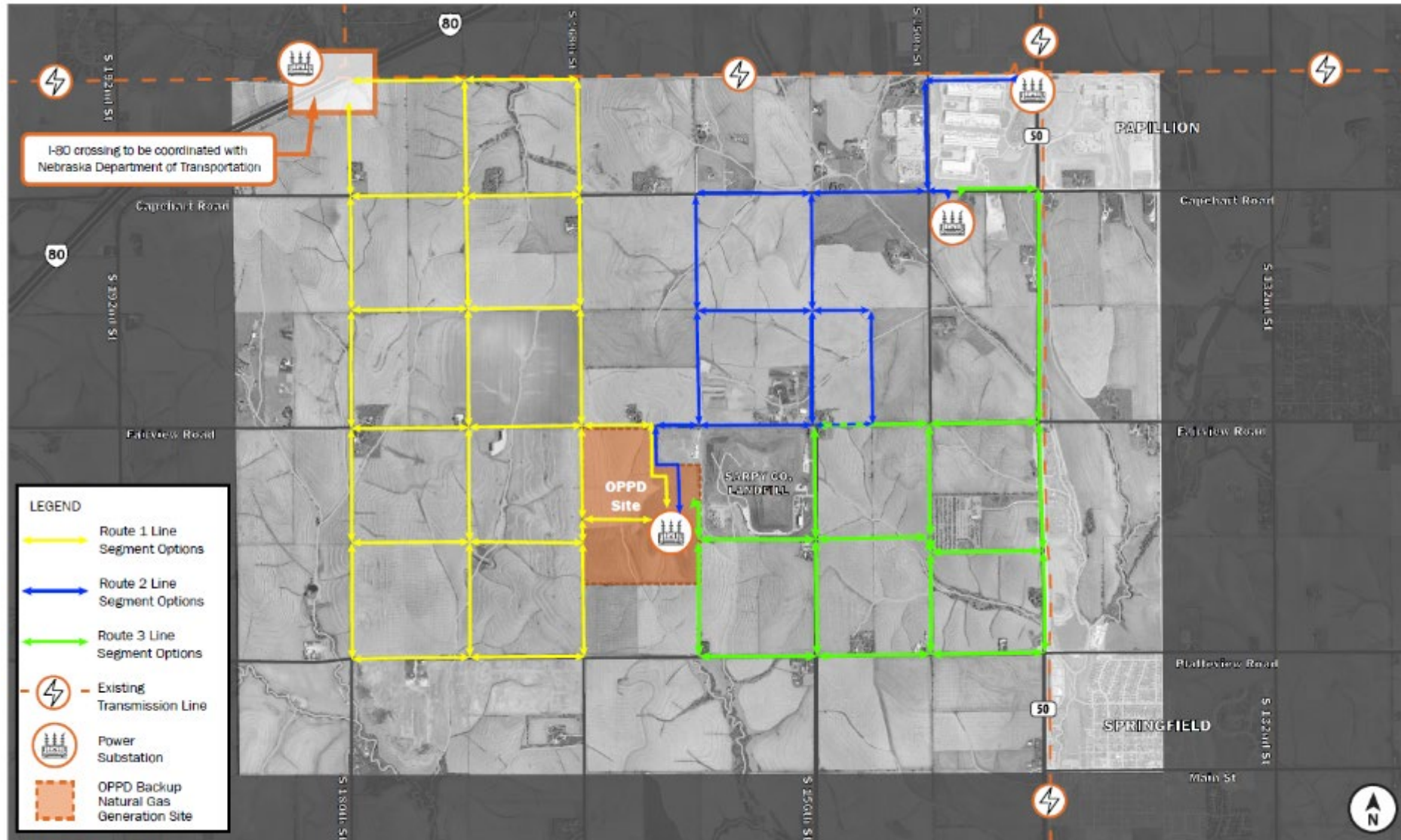


Routing & Siting Criteria

How were the routes selected? Potential routes were considered based on many factors, including:

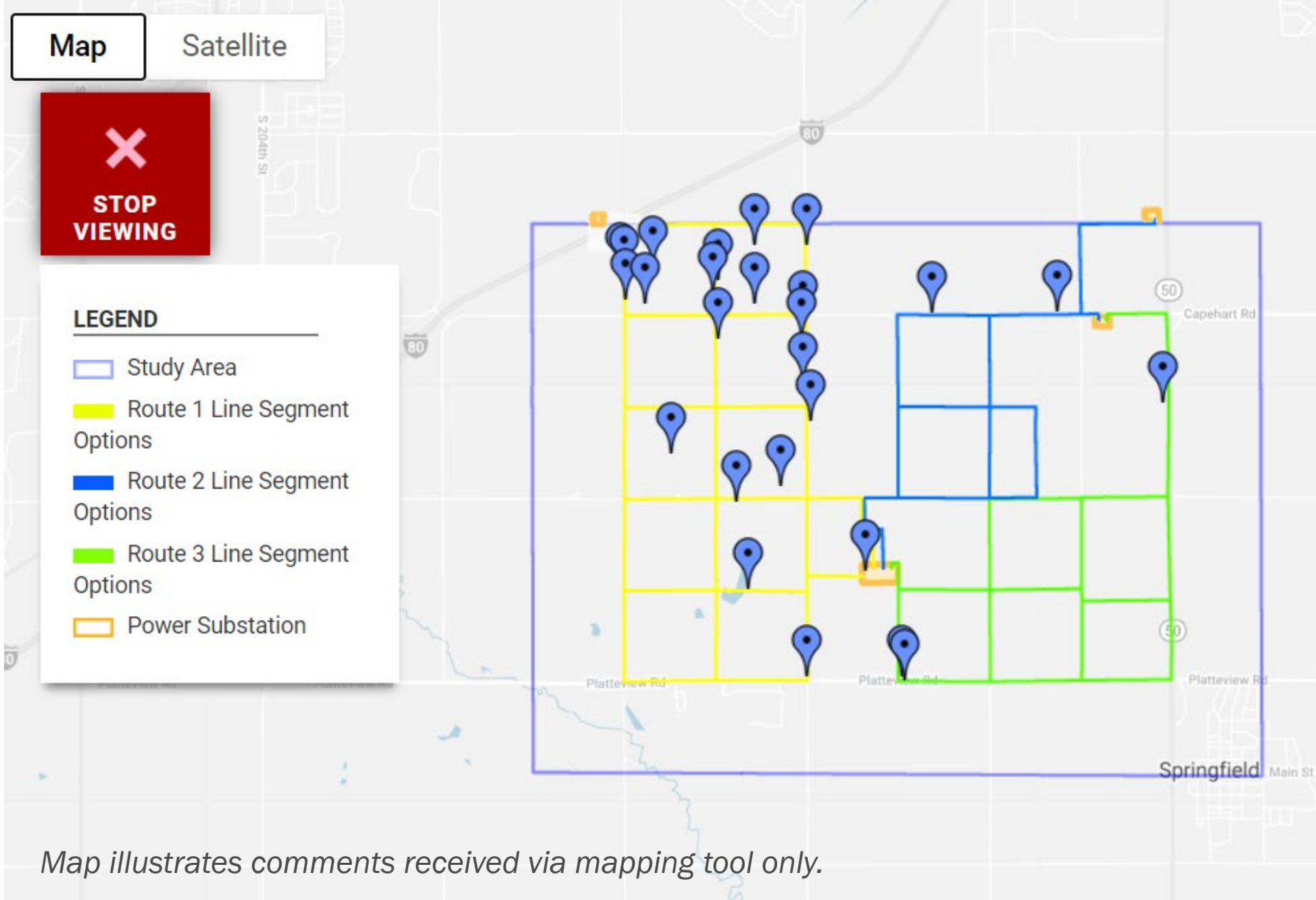
 <p>Social</p>	 <p>Businesses</p>	 <p>Cemeteries</p>	 <p>Places of Worship</p>	 <p>Commercial/ Industry</p>	 <p>Agriculture</p>	 <p>New & Platted Developments</p>	 <p>Residences/ Homes</p>	 <p>Parks & Recreation</p>
 <p>Environmental</p>	 <p>Conservation Areas</p>	 <p>Floodplains</p>	 <p>Historic & Archaeological Sites</p>	 <p>Wooded Areas</p>	 <p>Wetlands/ Waterways</p>	 <p>Threatened & Endangered Species</p>		
 <p>Engineering</p>	 <p>Airports</p>	 <p>Cost</p>	 <p>Constructability</p>	 <p>Highways</p>	 <p>Structures (other)</p>	 <p>Irrigation/ Pivots</p>	 <p>Existing/ Planned Utilities</p>	 <p>Wells</p>

Phase 1 - Route Segment Options



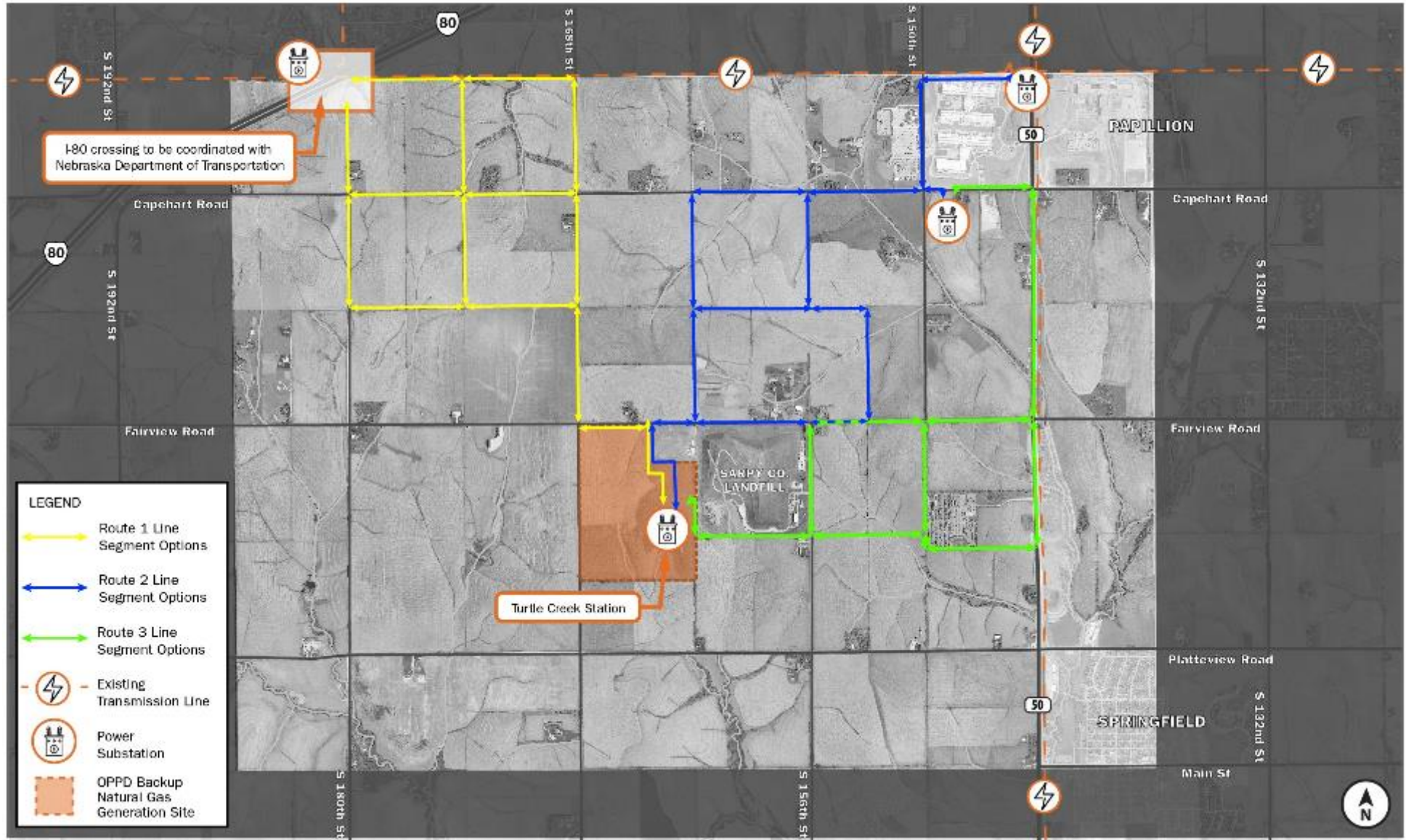
Phase 1 Results

- 26 mapping tool comments/property input.
- 26 public attendees for live online meeting.
- Facilitated a live Q&A session.
- Additional comments and input received through other communication channels.



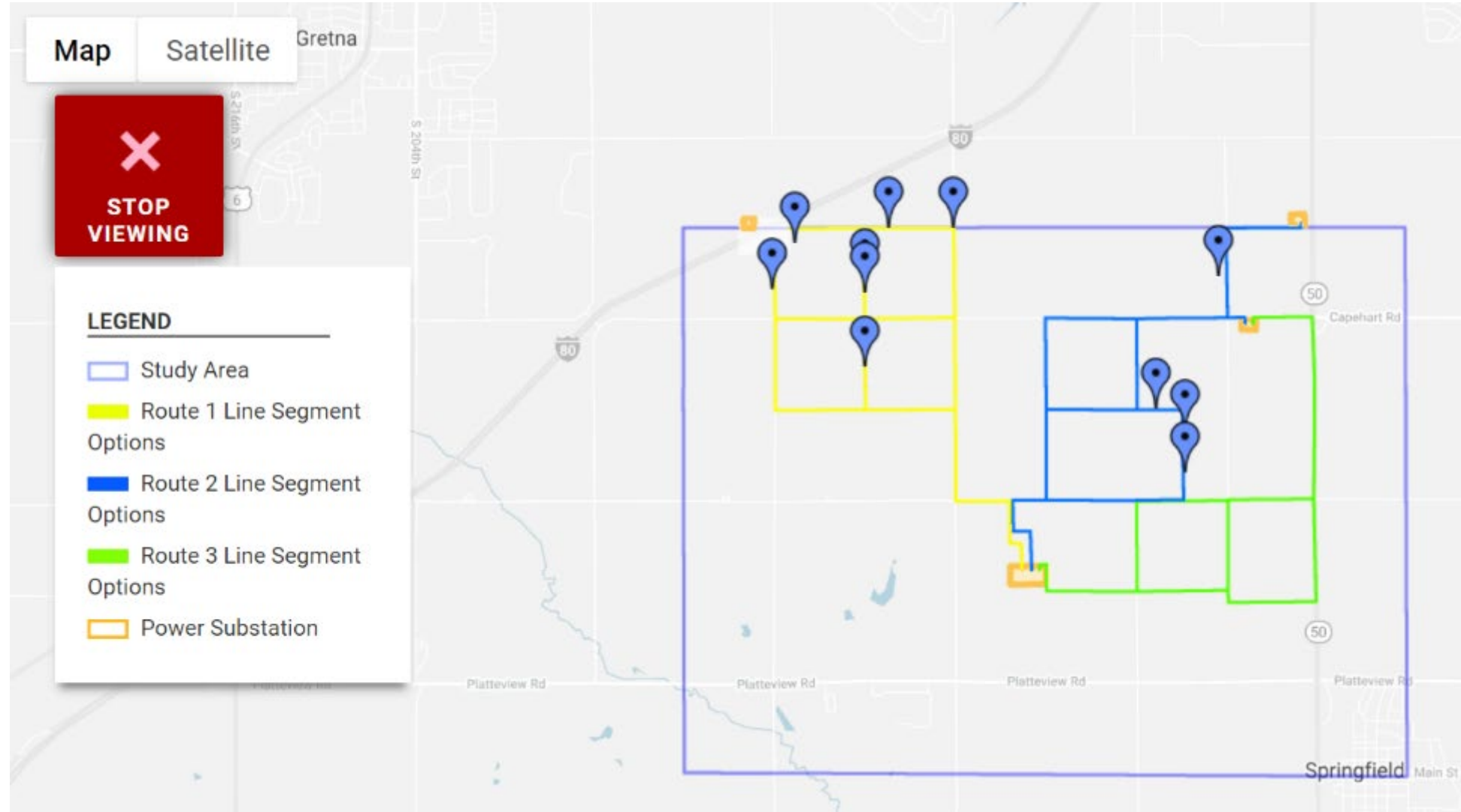
Map illustrates comments received via mapping tool only.

Phase 2 – Reduced Route Segment Options



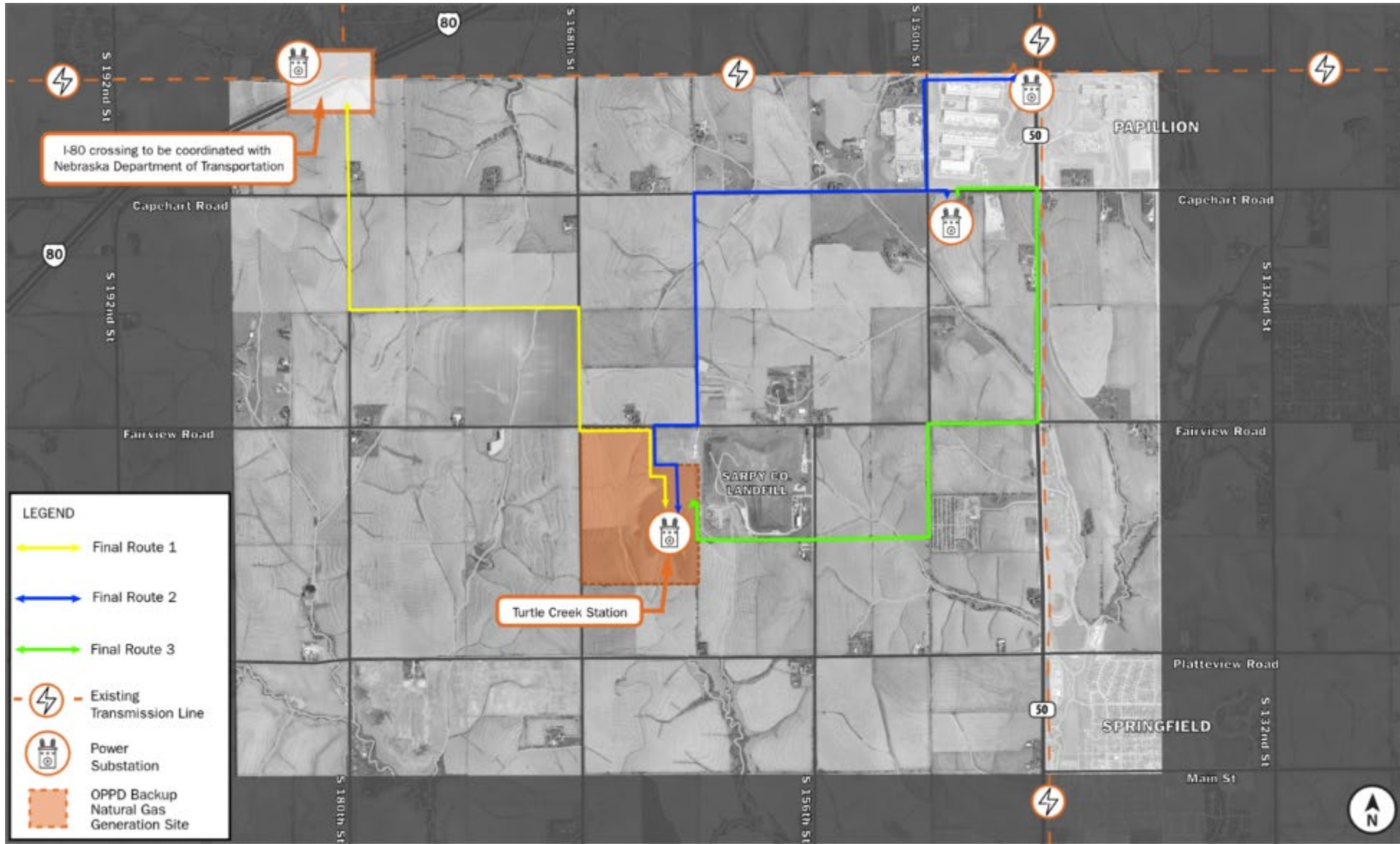
Phase 2 Results

- 11 mapping tool comments/property input.
- 39 public attendees for live online meeting.
- Facilitated a live Q&A session.
- Additional comments and input received through other communication channels.



Map illustrates comments received via mapping tool only.

Final Transmission Routes





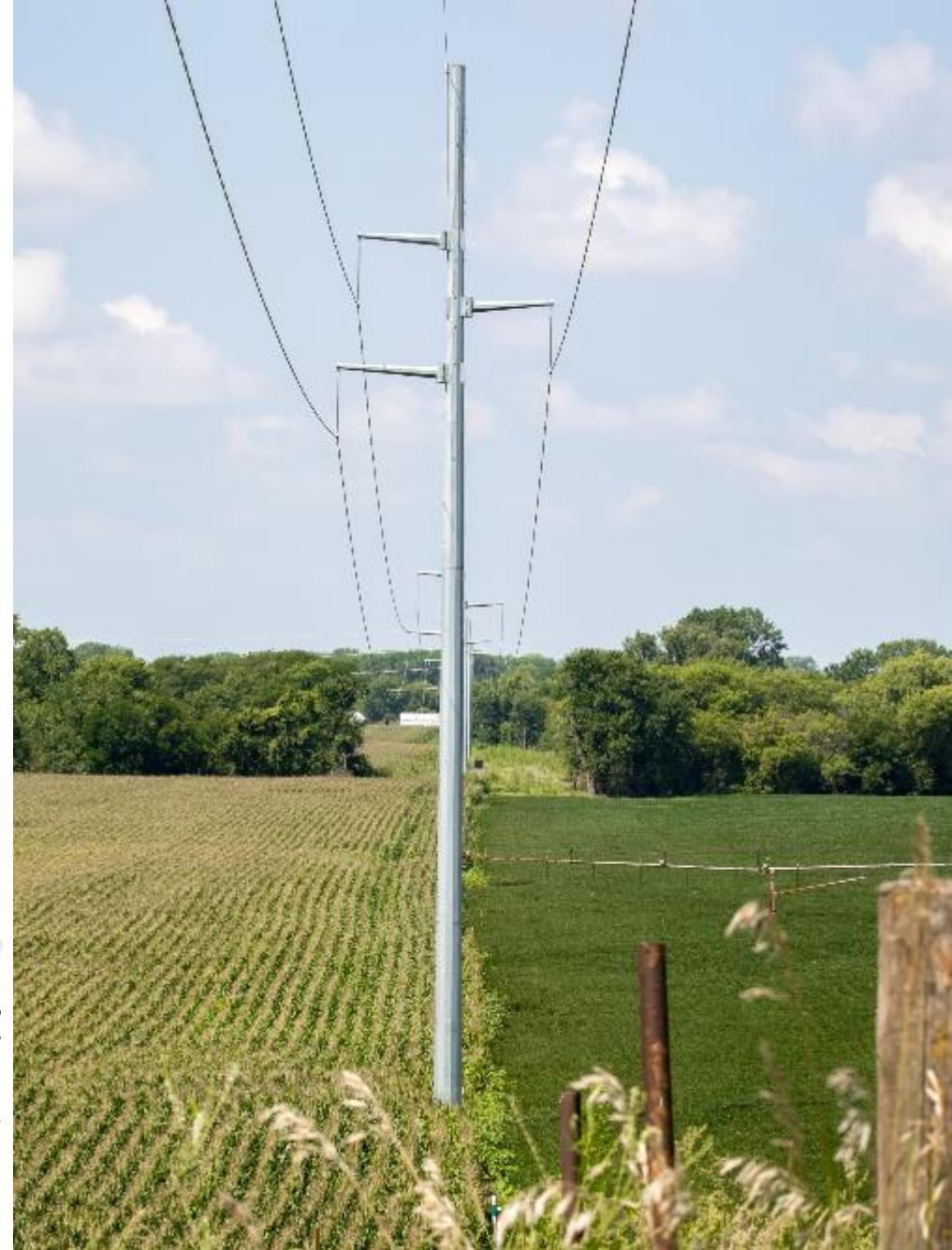
Structure Examples



Double Circuit
345/161kV Line
Average
height 150'



Single Circuit
161kV
Average height
115'



Next Steps

- May 2021 – January 2022
 - Engineering design
 - Preliminary ROW activities
 - Environmental assessments
- October 2021
 - Begin long lead material procurement
- Tentatively December 2021
 - Public hearing
- January 2022 – October 2022
 - Easement acquisition
- July 2022 – May 2023
 - Construction
- May 2023 – December 2023
 - Property restoration and project closeout

Questions

