

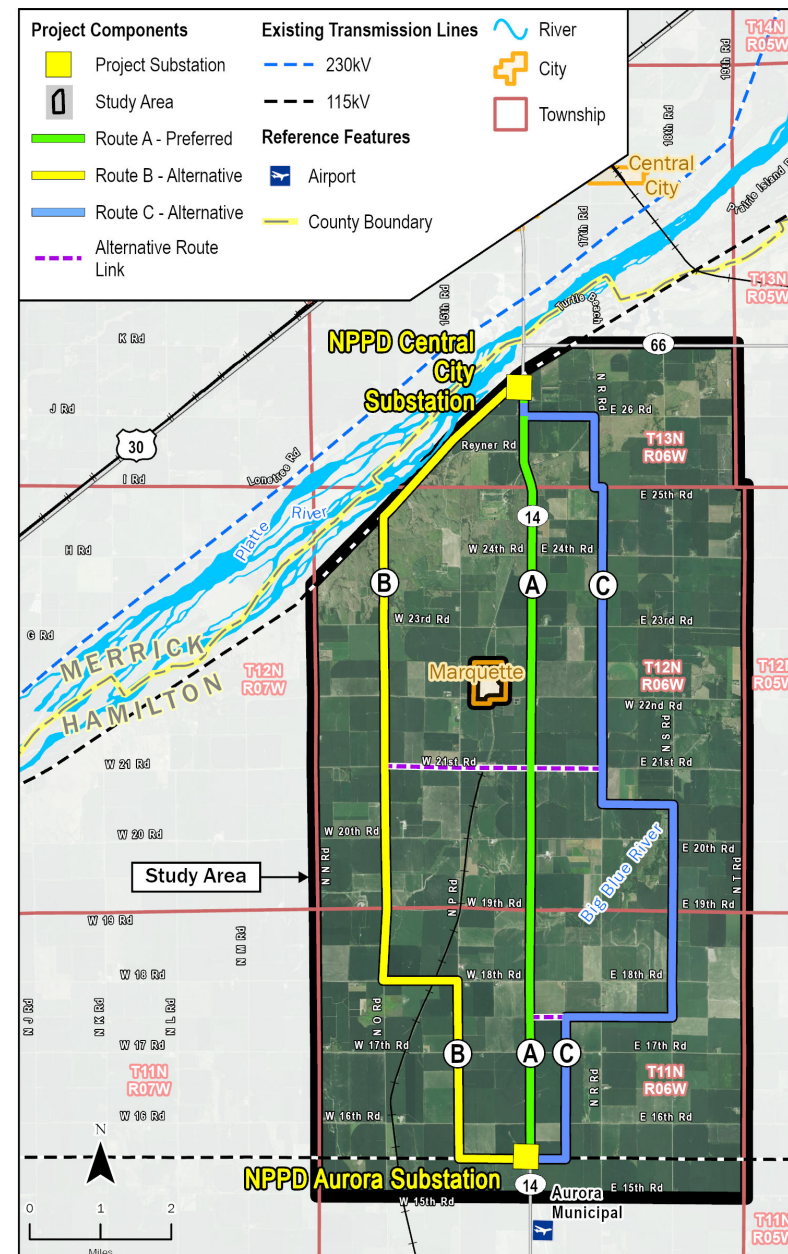
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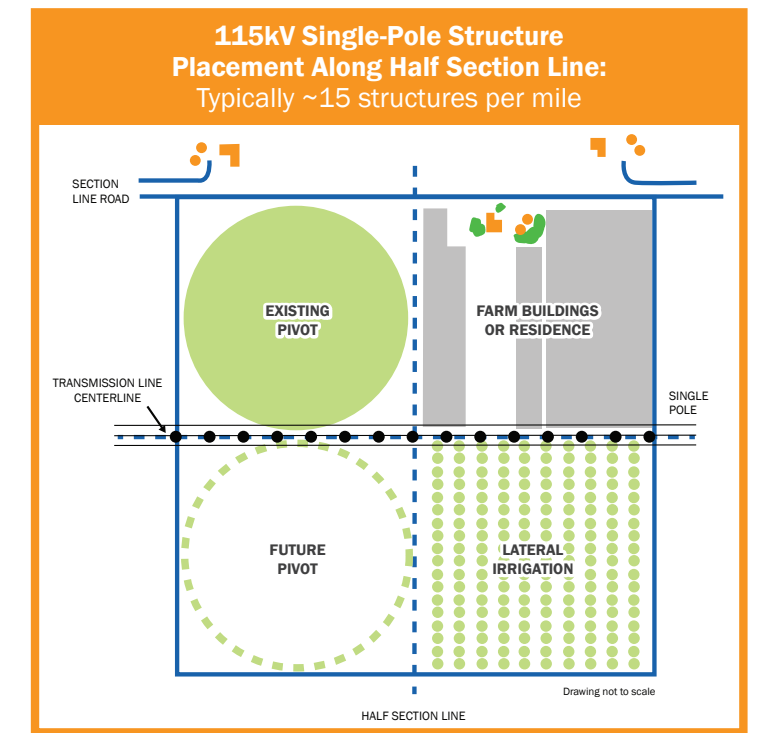
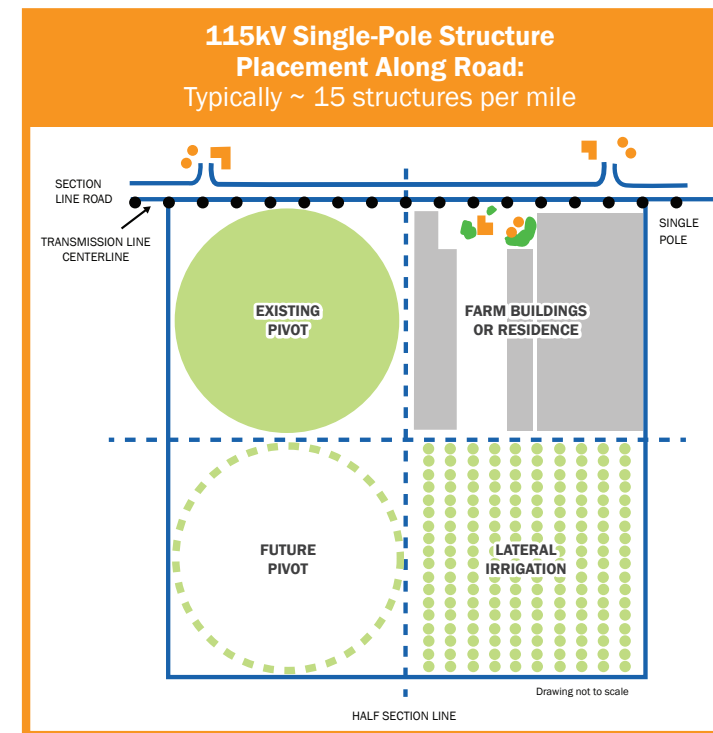
Nebraska Public Power District
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Alternative and Preferred Line Routes

The Aurora-Central City 115kV proposed transmission line project, which is estimated to be 25 miles in length was identified to accommodate current and projected future loads and provide additional reliability and enhanced resiliency in the north central Nebraska area.



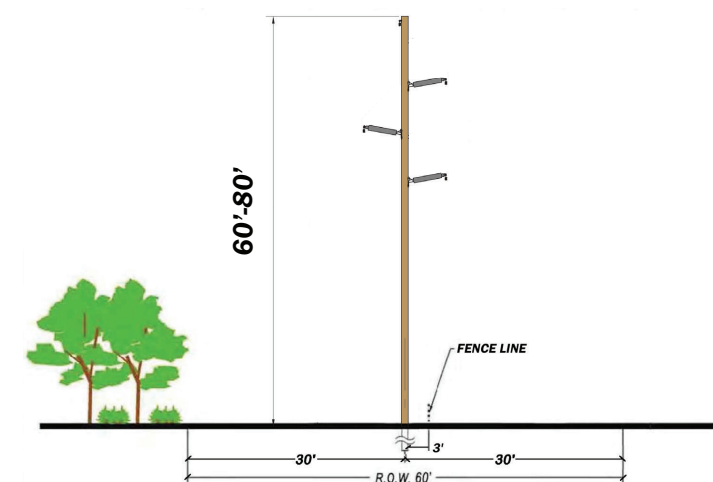
Transmission lines are routed along the section and half-section lines. Structures can typically be placed to avoid residences, buildings, pivots, and lateral irrigation systems.



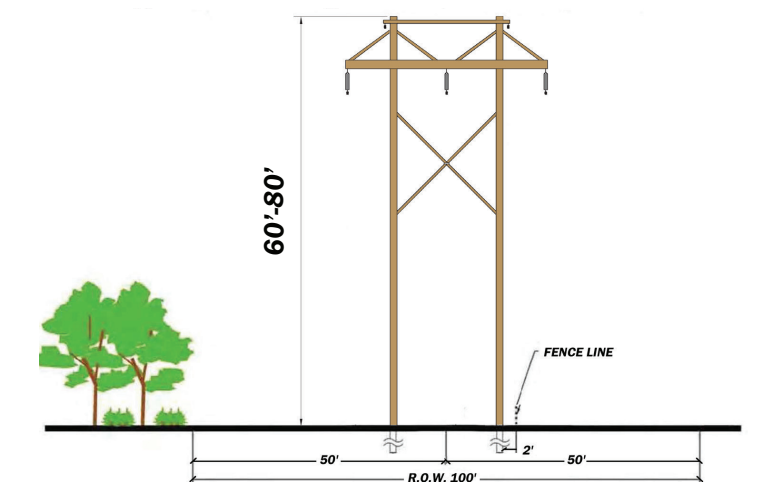
NPPD plans to use a combination of single pole and H-frame structures along the line route. Once a final line route is announced, NPPD will begin discussions with landowners as engineering and survey activities take place. Once these activities are completed, a right-of-way easement will be presented to the landowner. Easement compensation will be determined by an independent licensed Nebraska land appraiser.

Purpose and Need

- Provides enhanced reliability and resiliency for NPPD customers
- Provides for a new transmission path in the central Nebraska area to serve the future projected loads in the area
- Addresses local area contingency events to support voltage levels at Aurora and from Central City – Silver Creek – Columbus
- Meets the projected reliability needs identified in the Southwest Power Pool Integrated Transmission Plan
- Aurora-Central City 115kV project is the most effective transmission alternative to meet the North American Electric Reliability Corporation (NERC) reliability standards in this area



Typical 115kV Single Circuit, Single-Pole Structure



Typical 115kV Single Circuit, H-Frame Structure

Height of structure and right-of-way (R.O.W.) width can vary based on special circumstances.