



Ameren Illinois is rebuilding an existing 230 kV transmission line and associated facilities from Cahokia to Joppa.

The existing line was originally built in the 1950's, and will be rebuilt as a 345 kV line to better align with Ameren Illinois' current energy system and to create additional customer benefits. Replacing the aging infrastructure and enhancing this transmission line will improve energy reliability, promote access to renewable energy like solar, and increase transmission capacity. The rebuild will occur in six project segments along the existing transmission corridor.

Project Benefits



Rebuilding aging infrastructure and enhancing our energy system to improve reliability



Promoting access to renewable energy sources like solar



Increasing transmission capacity

Existing Structures

- 230 kV

- Wood H-frame

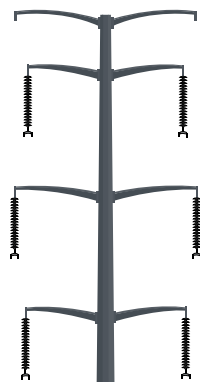
- Average Height
65 ft

- Average Span Length
650 ft

- Structures/mile
8

- Conductor Clearance
23 ft

- Direct embed



Foundation
9-12 ft diameter
3 ft above ground

Typical Structures

- 345 kV

- Double-circuit, steel monopole

- Average Height
125 ft

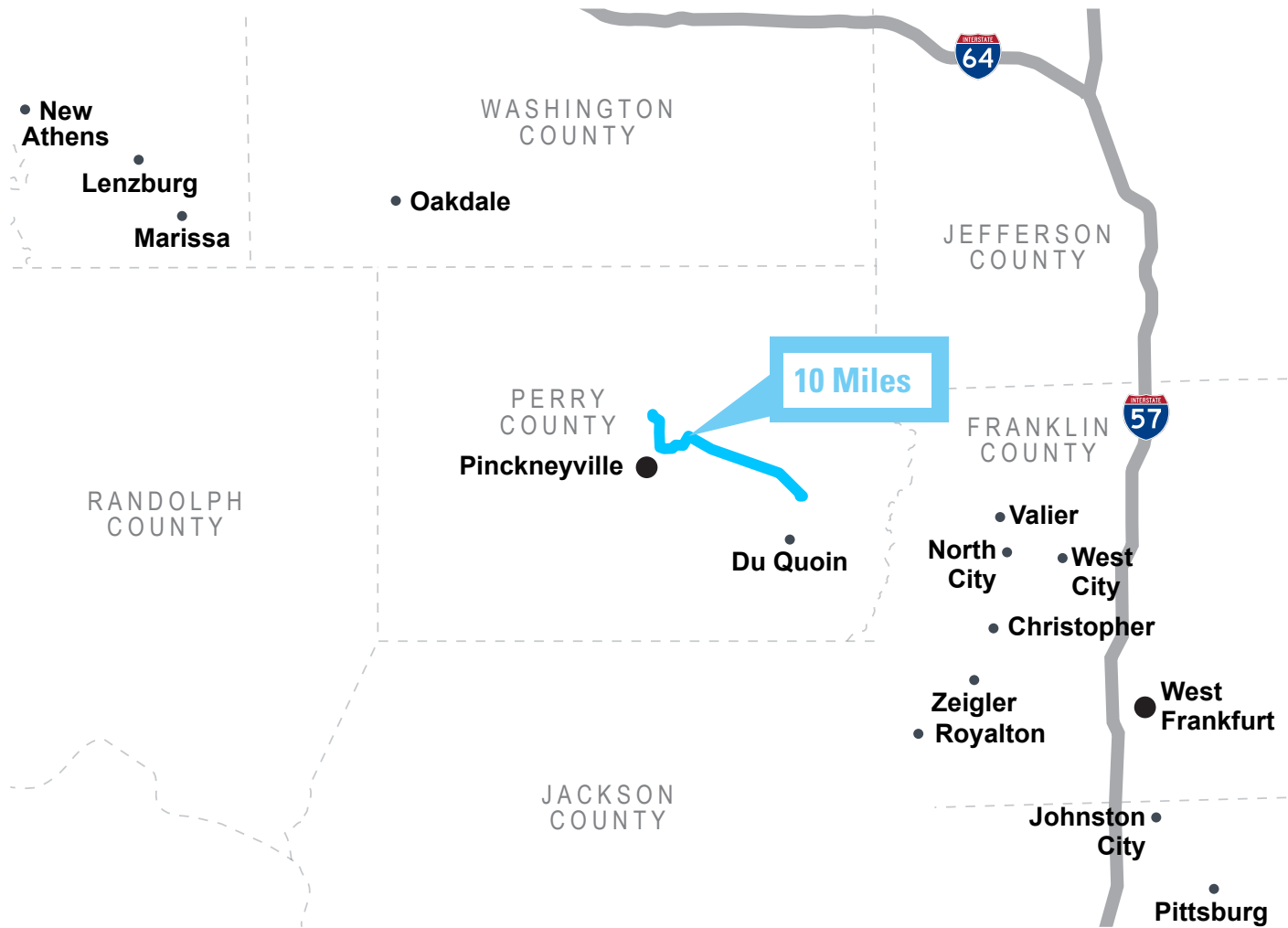
- Average Span Length
800-900 ft

- Structures/mile
6-7

- Conductor Clearance
25 ft

- Poured foundation

Segment 4: Commodore to St. John



Construction Activities & What to Expect

ROW & Field Surveys



Spring - Fall 2020

Soil borings and environmental and cultural field surveys help to identify pole locations, historical and archaeological resources, wildlife habitat, native prairie, wetlands and streams.

Pre-Construction



Spring - Summer 2023

Prior to construction, crews will clear the right-of-way of debris, and vegetation.

Pole locations will be flagged for construction.

Materials will be staged in areas along the route.

Construction



Spring - Fall 2023

During construction, crews will dig holes, set and place poles and string wires.

You may notice large equipment working along roadways and along our right-of-way.

Restoration



Fall - Winter 2023

Once construction is nearly complete, crews will clean up project work areas and begin restoration of the right-of-way, access roads and material yards.



SouthernILReliability.com



SouthernILReliability@ameren.com



618.808.3093

Copyright © 2021