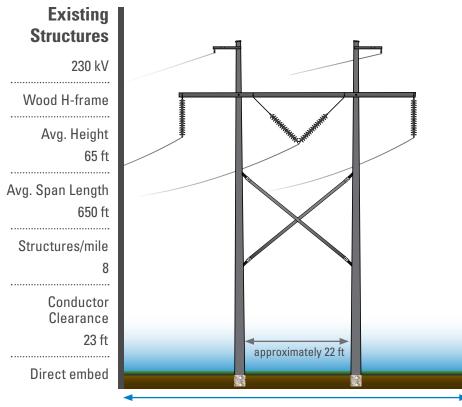


Southern Illinois RELIABILITY PROJECT

Ameren Illinois is replacing and upgrading 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 replaced and upgraded to a 345 kV line to better align with Ameren Illinois' current energy system and to create additional customer benefits. Replacing the aging infrastructure and upgrading this transmission line will improve energy reliability, promote access to renewable energy like solar, and increase transmission capacity. Construction will occur in six project segments along the existing transmission corridor.



Typical Structures

345 kV

Steel H-frame

Avg. Height

80 ft

Avg. Span Length 800 ft

Structures/mile 6-7

Conductor Clearance 25 ft

Crushed Rock Direct Embed

Project Benefits



Replacing aging infrastructure and upgrading our energy system to improve reliability



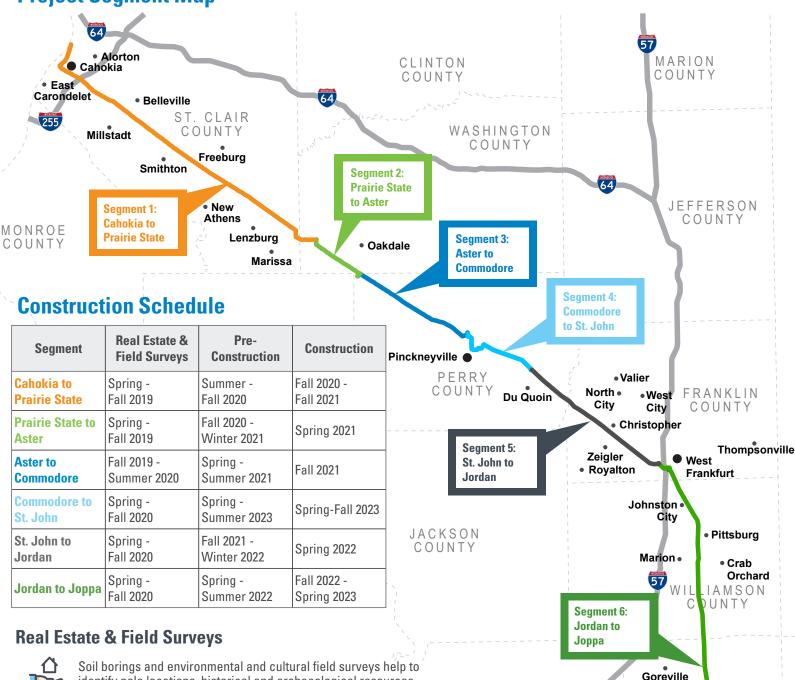
Promoting access to renewable energy sources like solar



Increasing transmission capacity

150 ft easement

Project Segment Map



Soil borings and environmental and cultural field surveys help to identify pole locations, historical and archaeological resources, wildlife habitat, native prairie, wetlands and streams. Our real estate team will discuss with landowners the easement needed for construction, operation and maintenance of the line.

Pre-Construction



Prior to construction, crews will clear the easement of debris and vegetation. Pole locations will be flagged for construction. Materials will be staged in areas along the route.

Construction



During construction, crews will dig holes, set and place poles, and string wires. You may notice large equipment working along roadways and along our easement.





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