

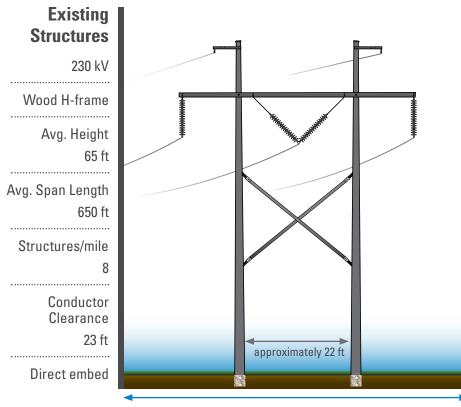
Southern Illinois RELIABILITY PROJECT

Segment 2: Prairie State to Aster

Washington & Perry counties

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





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

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Construction Activities & What to Expect



Spring - Fall 2019

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



Fall 2020 - Winter 2021

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 2021

Restoration



Spring - Summer 2021

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.





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