

WASHINGTON COUNTY IMPROVEMENTS PROJECT

SOUTH ABINGDON - ARROWHEAD



Appalachian Power representatives plan upgrades to the electric transmission grid in Washington County. The Washington County Improvements Project: South Abingdon-Arrowhead involves building approximately 6.5 miles of 69-kilovolt (kV) transmission line and upgrading three substations. Appalachian Power representatives previously announced this project and hosted an open house in September 2015 before placing the project on hold. After resuming the project last year, the project team further reviewed landowner feedback and conducted additional route reviews to determine a proposed power line route. The team now seeks feedback on the proposed route. Construction begins fall 2023 and concludes fall 2024.



WHAT

The project involves:

- Building approximately 6.5 miles of 69-kV transmission line
- Upgrading the South Abingdon, Arrowhead and Meadowview substations

WHY

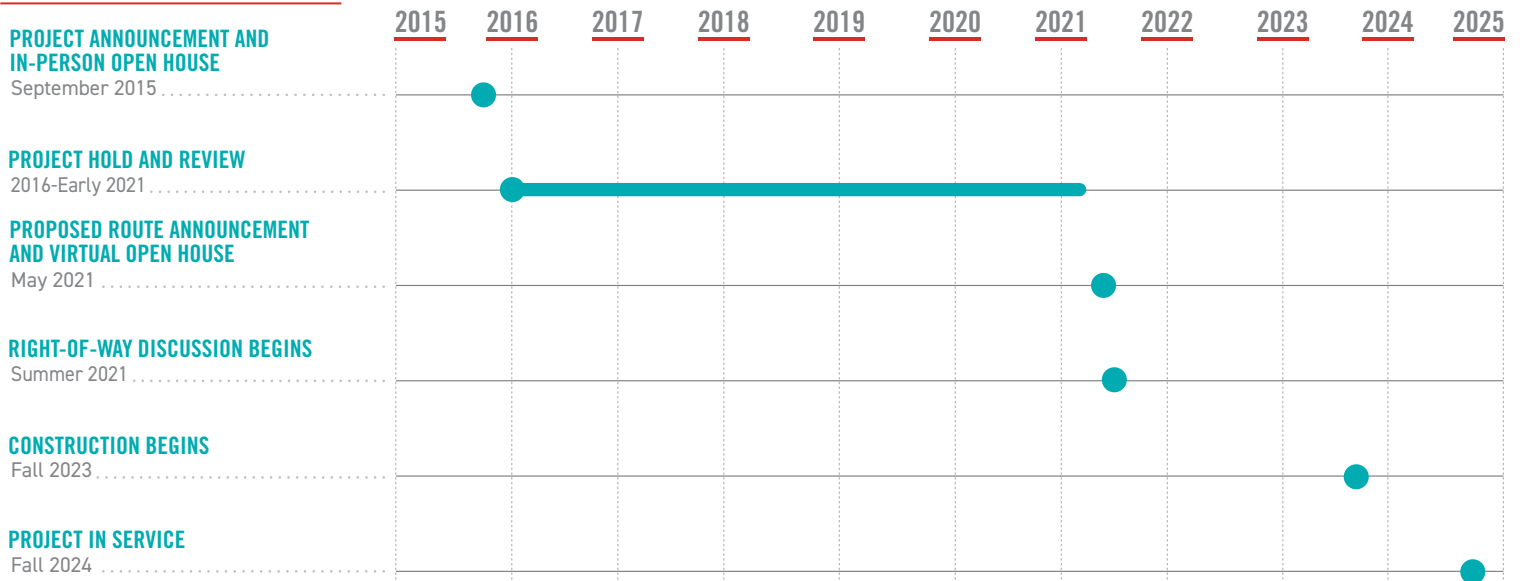
The upgrades:

- Allows for the future retirement or replacement of aging transmission lines in the area
- Increase electric reliability in the area
- Improve substation reliability by upgrading deteriorating equipment

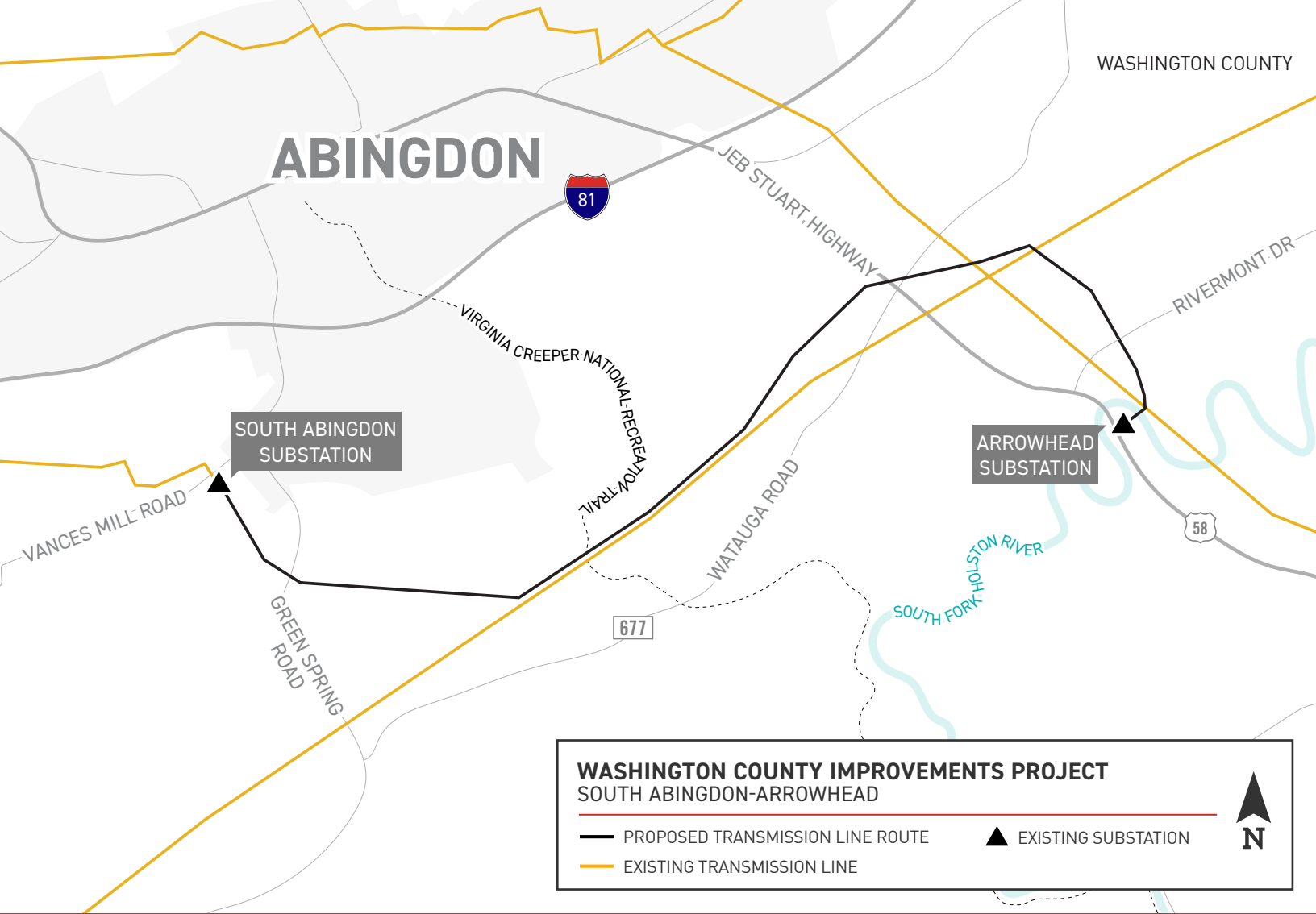
WHERE

The upgrades begin at the South Abingdon Substation near Vances Mill Road. The proposed route travels southeast, crossing Green Spring Road and the Virginia Creeper Trail. The route continues east across Job Stuart Highway and travels south to the Arrowhead Substation near Rivermont Drive and the South Fork Holston River.

PROJECT SCHEDULE



*Timeline subject to change.



TYPICAL STRUCTURES

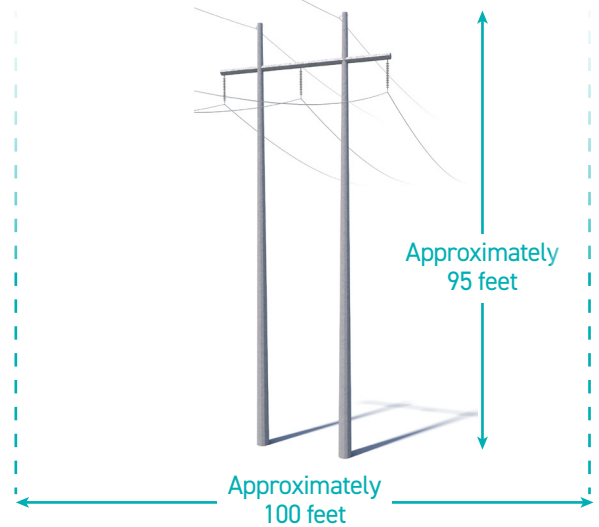
Crews plan to build the power line primarily using steel H-frame poles.

Structure Height: Approximately **95 feet***

Right-of-Way Width: Approximately **100 feet***

At Appalachian Power, we are committed to meeting the energy needs of customers while protecting the environment and natural beauty of the region.

*Exact structure, height and right-of-way requirements may vary



APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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