

# MIDWAY – SOUTH CHRISTIANSBURG TRANSMISSION LINE REBUILD PROJECT

Appalachian Power representatives plan to upgrade the local power grid in the Town of Christiansburg and Montgomery County, Virginia. Construction begins in late 2026 and concludes in late 2028.

## WHAT

The project involves:

- Rebuilding approximately 4 miles of 69-kilovolt (kV) transmission line
- Building approximately a half-mile of 69-kV transmission line
- Retiring approximately a half-mile of 69-kV transmission line
- Upgrading the Midway, Cambria, Tech Drive and Hans Meadow substations

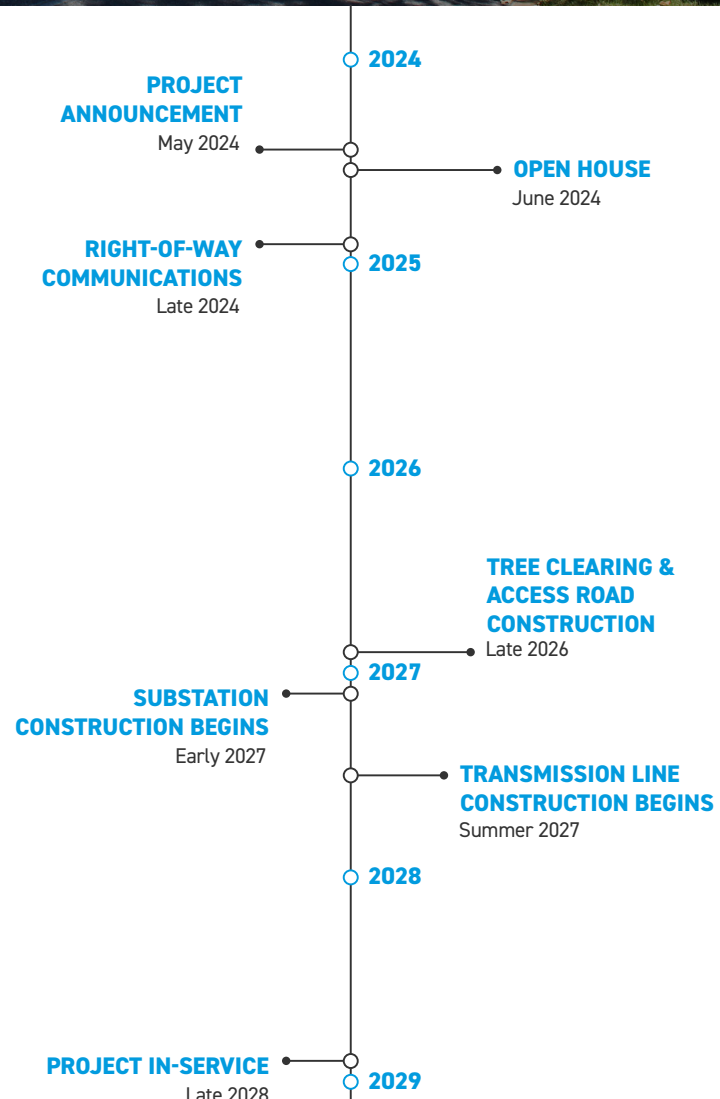
## WHY

The project:

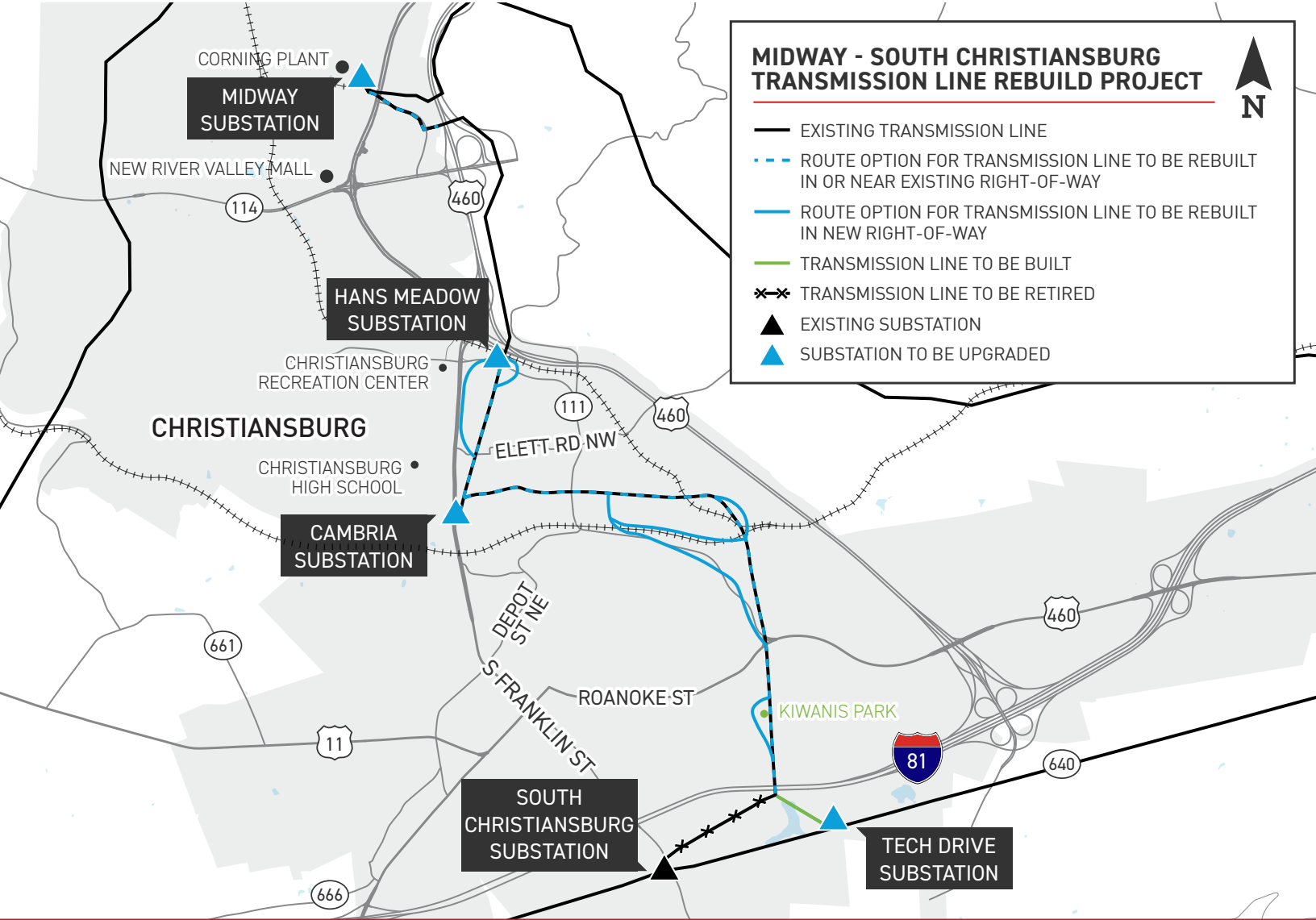
- Replaces deteriorating equipment and modernizes substation equipment from the 1960s addressing age-related conditions on the power line that can lead to system outages for customers.
- Modernizes the electric system to allow more flexibility to address the area's growing power demand and ensures reliable power, reducing the likelihood and duration of outages for area customers.
- Allows project team to review areas with encroachments in the transmission line right-of-way, such as homes, sheds or garages and identify potential shifts in the transmission line route to avoid the obstructions. This is necessary to ensure safe and reliable electric service and meet current National Electric Safety Code requirements.

## WHERE

The proposed upgrades begin at Midway Substation on North Franklin Street adjacent to the Corning Plant and continue south onto South Franklin Street, ending at Tech Drive Substation near Interstate 81.



Timeline subject to change.



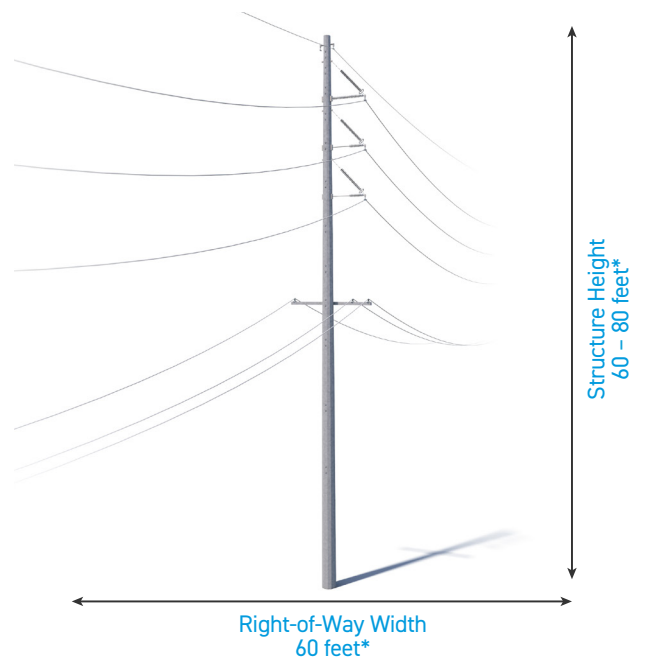
## TYPICAL STRUCTURE

Most of the existing line consists of wooden poles. Crews plan to rebuild the line using a majority of steel single-pole structures. At select points, crews plan to use concrete single-pole structures. Proposed structures are an average of 20 feet taller than the existing structures.

Proposed Structure Height(s): 60 – 80 feet\*  
 Right-of-Way Width: 60 feet\*

Appalachian Power’s right-of-way representatives plan to acquire new or supplemental easements where needed along the power line route.

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



**WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:**  
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