

MOUNT VERNON TRANSMISSION LINE REBUILD PROJECT

AEP Ohio representatives plan power grid upgrades in Knox County. The project upgrades local transmission lines and vintage 1950s equipment. Crews expect construction to begin next spring and conclude summer 2025.

WHAT

- Rebuilding about 4 miles of 69-kilovolt (kV) transmission line between West Mount Vernon Substation, Pittsburgh Avenue Substation and Mount Vernon Substation.
- Removing a half-mile of 69-kV transmission line between Arch Avenue and North Mount Vernon Substation.
- Upgrading West Mount Vernon, Pittsburgh Avenue and Mount Vernon substations.
- Upgrading South Mount Vernon Switch.

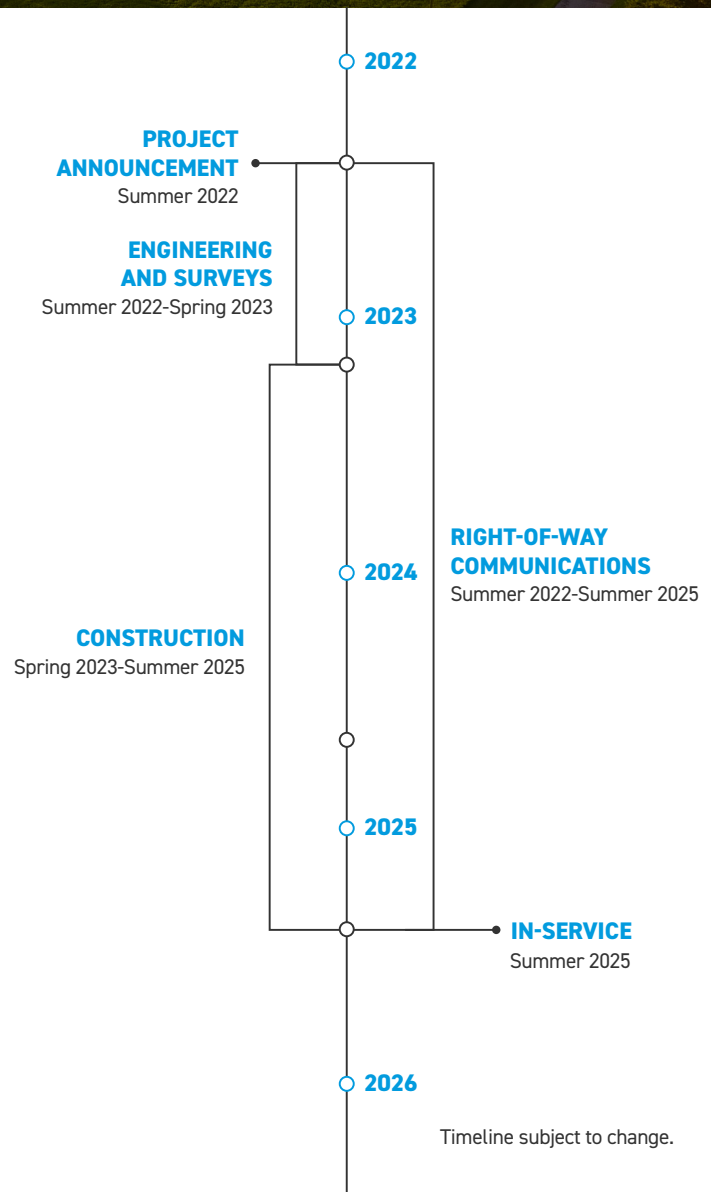
WHY

This project upgrades local transmission lines and vintage 1950s equipment that needs to be replaced. Upgrading the infrastructure to modern standards reduces the need for frequent maintenance and speeds recovery of service when outages occur.

WHERE

The project area involves:

- Clinton Township in Knox County
- Mount Vernon

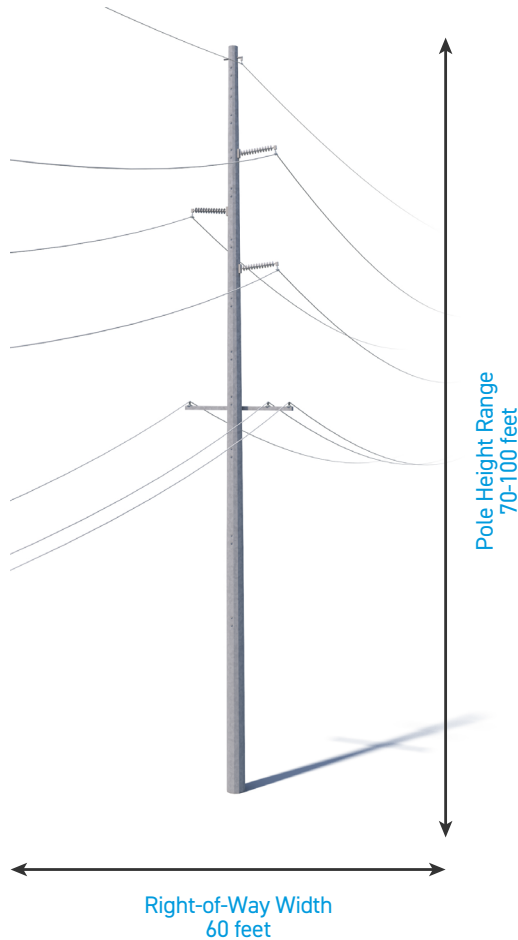


TYPICAL STRUCTURES

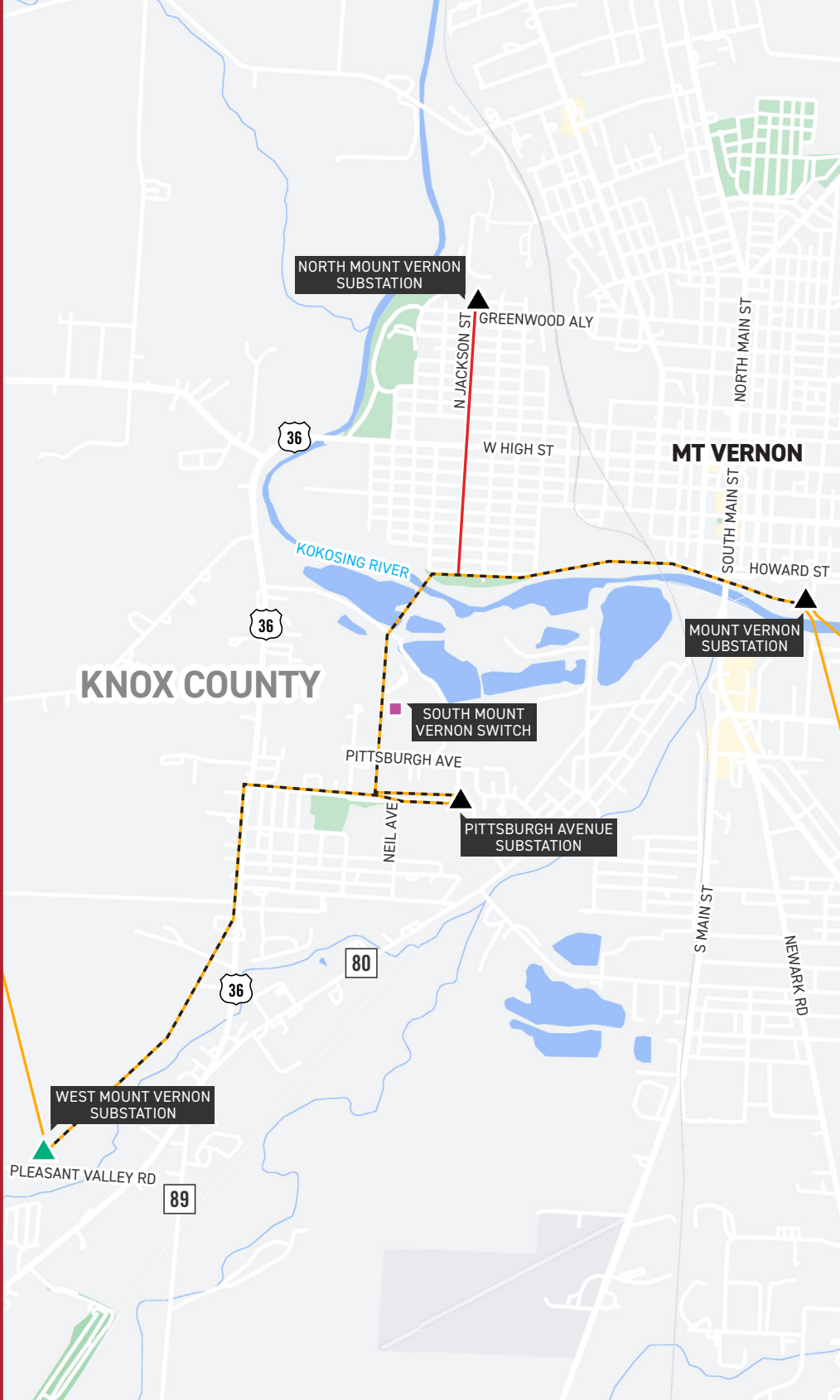
The project involves the use of single steel poles.

Pole Height Range: 70-100 feet

Right-of-Way Width: 60 feet



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



MOUNT VERNON TRANSMISSION LINE REBUILD PROJECT

- TRANSMISSION LINE TO BE REBUILT

--- TRANSMISSION LINE TO BE RETIRED

--- EXISTING TRANSMISSION LINE
- ▲ EXISTING SUBSTATIONS

▲ SUBSTATION TO BE UPGRADED

■ SWITCH POLE TO BE UPGRADED

