ASTOR - EAST BROAD STREET 138-KV TRANSMISSION LINE REBUILD PROJECT

AEP Ohio representatives plan power grid upgrades to improve electric reliability for customers in eastern Columbus. Transmission line construction starts fall 2026 and concludes early 2027.

CONSTRUCTION FAQ

PROJECT COMPONENTS & BENEFITS

AEP Ohio representatives plan to rebuild just under 3 miles of 138-kilovolt transmission line between the Astor Substation off Astor Avenue and the East Broad Street Substation off East Broad Street near McNaugthen Road. The power grid improvements replace deteriorating wooden poles and aging infrastructure with modern steel poles and equipment, which reduces power outages and the need for frequent equipment maintenance. Transmission line construction starts fall 2026 and concludes early 2027.

Company representatives plan to rebuild the transmission line in or near the existing right-of-way. Plans call for relocating a short section of the line away from residential homes and onto the roadside near the intersection of McNaughten and Whitman roads.

WHAT TO EXPECT DURING CONSTRUCTION

- Work hours permitted by City of Columbus, typically 7 a.m. – 7 p.m. weekdays.
- Crews working on the west side of McNaughten Road.
- Advanced notice of work on private property.
- Use of heavy construction equipment such as cranes, dozers and dump trucks.
- Increased noise, dust and vibration and during work hours.
- Increased travel time through the work zone.

TRAFFIC CONTROL

- Vehicle lane closures, reduced lane widths and walking path detours along McNaughten road.
- Off-site detours and slowdowns, particularly at intersections.
- Temporary steel plates and asphalt patches on the road.
- Safety signage and flaggers to aid traffic flow.

SAFETY TIPS

- Keep your distance from construction workers and equipment.
- Stay outside of temporary safety barriers.
- Be aware of uneven or slippery surfaces.
- Slow down when driving in the area and make sure your headlights are on.
- Watch for posted signs.
- Watch for road closures and traffic detours.
- Follow flaggers' instructions.

PRE-CONSTRUCTION SEQUENCE

Vegetation Management: Fall 2024 - Spring 2026

Crews clear vegetation from the right-of-way to prepare for construction. Work includes cutting or removing all woody-stemmed vegetation from the right-of-way, removing all debris and grinding tree stumps to grade.

Site Preparation: July 2026 - September 2026

Crews prepare for construction by:

- Building access roads.
- Marking utilities and pole locations along the power line route using stakes and flags.
- Removing obstructions from the right-of-way easement area.
- Installing safety and environmental controls such as fencing.

CONSTRUCTION SEQUENCE

Pole Installation: September 2026 - October 2026

At most pole locations, crews:

- Assemble the new pole and place it near the installation area.
- Lay out and replace existing wires and other equipment on the existing poles.
- Replace the existing poles.
- Install and stabilize the base of the new pole.
- Install and secure the new pole.

Wire installation: October 2026 - November 2026

Crews install new wires on the new steel poles along the power line route.

Facilities In Service: Early 2027

Crews energize the equipment after finishing pole and wire installations.

Site Restoration: Early 2027 - Spring 2027

Restore properties to as close to their pre-construction condition as possible. Our teams work with individual landowners to address damage.

*Schedule subject to change based on weather or other factors.

FOR ADDITIONAL PROJECT INFORMATION, PLEASE VISIT AEPOHIO.COM/ASTOR-EASTBROAD

PLEASE SEND QUESTIONS TO: OUTREACH@AEPTRANSMISSION.COM OR 833-689-3375

AEP OHIO
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