

# Concord to Bow (P145) Line Rebuild Project

EVERSOURCE

Improving the Reliability of the Electric System Across New Hampshire

## Project Overview

As part of our ongoing commitment to deliver reliable energy to our customers and communities, Eversource will be replacing existing wooden pole structures in Concord, Pembroke, and Bow. The new weathering steel structures will be more resilient to rot and insect and woodpecker damage and can better withstand severe weather.

This work will take place within Eversource's existing rights-of-way (power line corridors) of the P145 Line, a 12.5-mile, 115kV line built in 1966 that starts in Concord and ends in Bow. A total of 159 structures will be removed or replaced, new conductor (wire) will be installed, and new fiber optic cable, known as Optical Ground Wire (OPGW), will be installed along the entire length of the line. OPGW helps to strengthen system reliability by improving communications between substations.

The rebuilt lines will be in the same general locations as they are today, with some variations. While some structure height increases are unavoidable, we worked to minimize them wherever possible, while ensuring that current electrical standards and safety clearances are met. This work will require some tree trimming or removals in targeted areas.



## Construction will be Starting Soon: What You Can Expect

Since your property is on or near the project route, here is important information about how we will work in your neighborhood:

- **Reliable Service:** Be assured that this work will not interrupt electric service to your property.
- **Proper Identification:** People working on this project carry identification.
- **Where We Will Be Working:** Construction activity will take place within the power line corridor at the following road crossings:
  - Concord: Farmwood Road, Shaker Road, Oak Hill Road, Appleton Street, Curtisville Road, Portsmouth Street, Interstate 393, Loudon Road, Pembroke Road, Regional Drive, Chenell Drive, Garvins Falls Road
  - Pembroke: Pembroke Road
  - Bow: Ferry Road, also access off River Road
- **Construction Hours:** Typical hours of construction are Monday through Saturday, 7 a.m. through 7 p.m. We will abide by all municipal regulations and, if longer work hours are needed, we will request permission from municipal officials, as applicable.

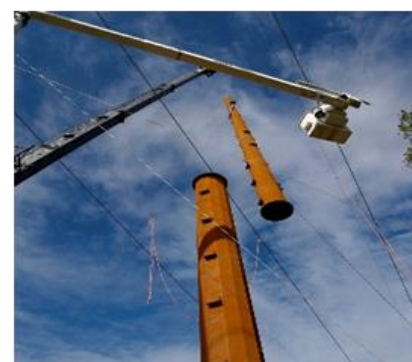
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- **Construction Activities:** Construction will occur in phases, including the following:

- **Pre-Construction:** Crews may conduct surveys and investigative digging in certain areas prior to construction activities.
  - **Work Area Preparation:** Construction vehicles must be able to access each structure. Therefore, we will build or enhance access roads using gravel or timber mats within the power line corridor. Gravel roads need to be stable enough for heavy construction equipment, including drill rigs and cranes. Timber mats are used in or around wetlands and other sensitive areas, to protect environmental and other resources. All access roads are monitored and maintained throughout construction and will remain throughout the project. Where possible, we will make every effort to minimize impacts these roads have on your property.
  - **Structure Replacements:** Wooden structures will be replaced with steel structures of a similar design. Drilling may be required in select locations.
  - **New Wire and OPGW Installation:** Once the new structures are installed, the existing wire (conductor) will be temporarily transferred, before new wire and the OPGW are installed structure by structure. This work may be done with a helicopter, with bucket trucks from the ground, or a combination of both.
  - **Old Structure Removal:** After the wire has been transferred and installed, the wooden structures will be removed, and the areas will be backfilled.
  - **Site Restoration:** Upon completion of all construction activities, our contractors will begin restoring areas. Additional information about how restoration activities will be performed for this project will be provided to property owners at a later date.
- **Project Completion:** We expect all work, including restoration, to be complete by the first quarter of 2024. Please keep in mind that the schedule may change due to weather and other unexpected circumstances.



**Project Representatives are available to answer your questions. Please contact us at your Convenience.**