

### Project Overview

As part of our ongoing investments to deliver reliable energy to our customers and communities, Eversource will be replacing existing wooden pole structures in Whitefield, Lancaster and Northumberland, N.H. This work will be taking place within the existing right-of-way (power line corridor) of the D142 line, a 115kV line built in 1948 that is 18 miles long and starts at the Whitefield Substation in Whitefield and terminates at the Lost Nation Substation in Northumberland. 202 structures will be removed or replaced and fiber optic cable, known as Optical Ground Wire (OPGW) will be installed the length of the line.

### Always Working to Serve You Better

Eversource is making a significant investment in electric infrastructure in order to provide enhanced system reliability for local communities. The new steel structures will be more resilient and will be less susceptible to woodpecker damage, insect damage or pole rot. The new structures will also have reliability enhancements to protect the system from damage due to severe weather, including floods.



*Example of structure to be installed*

The OPGW that is being installed on this line and across Eversource's transmission system enables faster and more reliable communication between Eversource's substations (the communication is not related to any cellular or telecom service). This communication allows increased visibility of our system, quicker responses time for system issues, increased automation, reduces outages and their length, and overall improves reliability across the electric system.

### What You Can Expect

We intend to rebuild the line in the same location it is today, with some variations. While structure height increases are unavoidable, we attempted to minimize them wherever possible, while ensuring current electrical standards and safety clearances are met and balancing other important considerations such as environmental impacts. Overall, major tree removals are not anticipated for construction related activity, though some may be necessary for access in various locations.

### Anticipated Project Schedule

*(schedule is subject to change due to weather or other unexpected circumstances)*

- Local and State Permitting: 2<sup>nd</sup> Quarter 2021
- Construction: 3<sup>rd</sup> Quarter 2021 through 4<sup>th</sup> Quarter 2022
- Site Restoration: 3<sup>rd</sup> and 4<sup>th</sup> Quarter 2022

Project Representatives are available to answer your questions Please contact us any time.



# Whitefield to Northumberland Line Rebuild Project (D142)

EVERSOURCE

