Farmwood Substation to Webster Substation Simultaneous Line Rebuild

EVERSOURCE

Improving the Reliability of the Electric System Across New Hampshire

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 Concord, Canterbury, Northfield, and Franklin. This work will be taking place within the existing right-of-way (power line corridor) of the F139 and V182 Lines. The V182 and F139 lines are 14.6 miles long and run between the Farmwood Substation in Concord, N.H., and the Webster Substation in Franklin, N.H. This project is a simultaneous line rebuild of two co-located lines, designed to lessen the impact on our neighbors and the environment. In total, 289 wooden H-frame and monopole structures will be replaced. New conductor (power line) and fiber optic cable, known as Optical Ground Wire (OPGW) will be installed on the F139 Line only, as the V182 Line already has these upgraded components.

Example of a structure to be installed

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 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.

The OPGW that is being installed 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 for increased visibility of our system, quicker response times 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 lines in the same location they are today. Eversource attempts to minimize structure height increases wherever possible, while ensuring current electrical standards and safety clearances are met while balancing other important considerations, such as environmental impacts. Major tree removal is 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 Permitting: 1st and 2nd Quarter 2023
- State Permitting: 1st – 3rd Quarter 2023
- Federal Permitting: 1st – 3rd Quarter 2023
- Construction: August 2023
- Site Restoration: 3rd and 4th Quarter 2024

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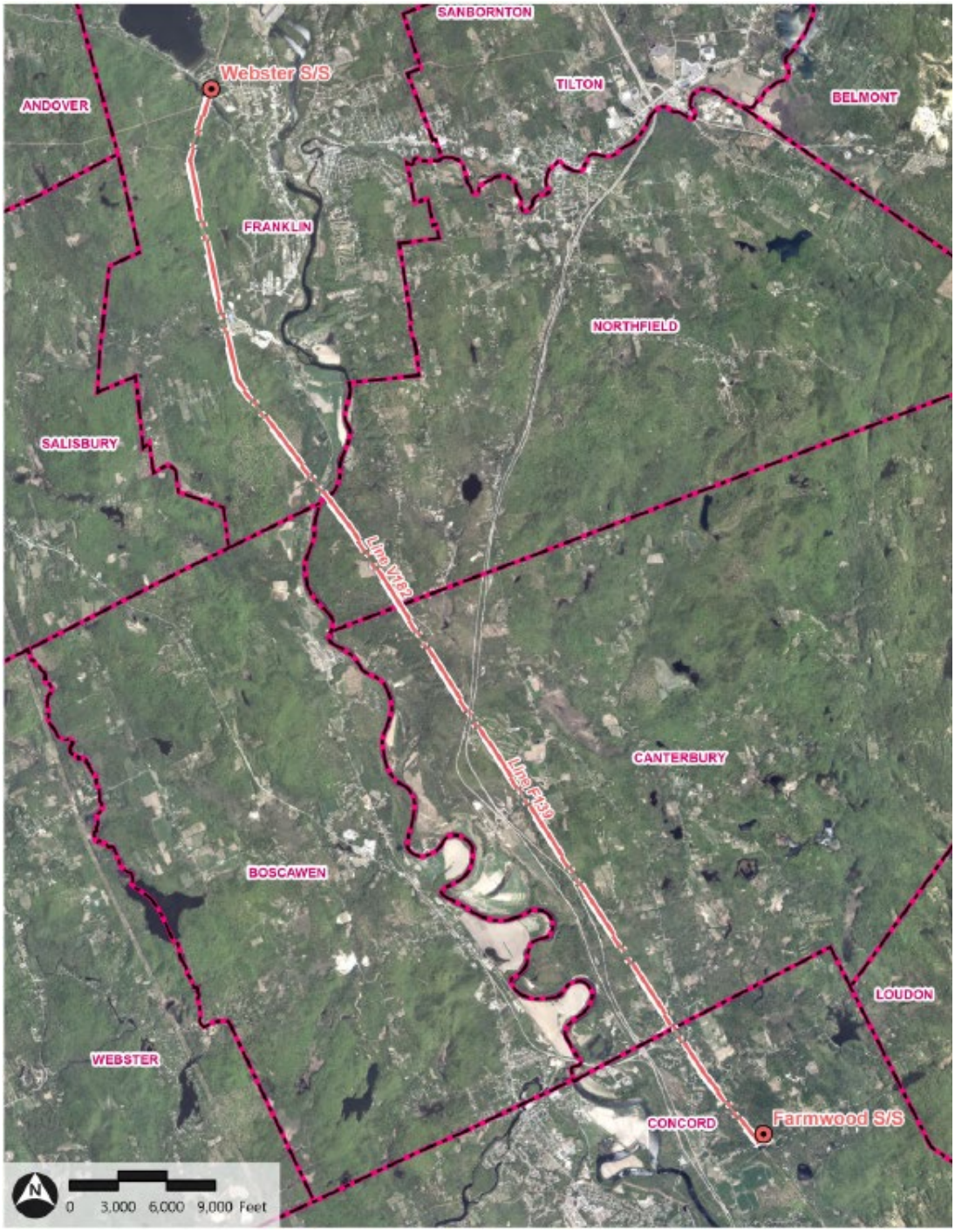

Construction will take place along the red dashed line.