

Garvins to Deerfield (G146) Structure Replacement Project

Why Are We Doing This Project?

Recent inspections and engineering analysis of the G146 transmission lines revealed that many of the structures are in poor condition due to their age, woodpecker damage, insect damage, pole rot, and delamination.

This structure replacement project will replace or remove 176 of the 186 structures along the G146 transmission line (10 existing steel structures will remain). These structures are between 18-20 years old and of a laminate wood monopole design; two will be removed and the remainder will be replaced with new weathered steel monopole structures. Improvements are part of our ongoing investments to deliver reliable energy to our customers and communities.

Where Is The Work Being Done?

This work is taking place within the existing right-of-way (power line corridor). The G146 laminate wood structures were installed in 2003 and 2005.

The G146 line is a 115kV transmission line that is 18.2 miles long and starts at our Deerfield Substation in Deerfield and passes through Deerfield, Allenstown, Pembroke, Concord, and into our Garvins Substation in Bow.