

Manhole Installation

After existing utilities are surveyed, manholes will be installed along the route. Manholes are concrete vaults that are installed to allow crews to pull and connect the new cable. After restoration, there will be no visible signs of the manhole other than a manhole lid.



Trenching/Conduit Installation

In order to install a new transmission line, the ground must first be excavated to create a long, narrow ditch, called a trench. A duct bank is a protective casing for pipes that will be installed between the new manholes, which will house the new cables. After the duct bank is installed in a trench, the area is backfilled to ground level and restored.



Cable Installation

Cable installation takes place after the manholes and duct bank are installed. The cable will travel between manholes and structures along the route, be connected within the manholes, and then connected to the overhead line.



Restoration

When all underground construction work is completed, Eversource will work with the local municipalities on restoring the affected areas to meet pre-construction conditions. This may include milling and repaving the street/road, restoring road surfaces, or layering topsoil and replanting grass seeds.

