UI
An AVANGRID Company

UNITED ILLUMINATING

Whitney Substation Decommissioning

CONTACT

Project Information Line: **888.848.3697**
Refer to: **Whitney Substation Decommissioning Project**
Website: **uinet.com/reliabilityprojects**

PROJECT OVERVIEW

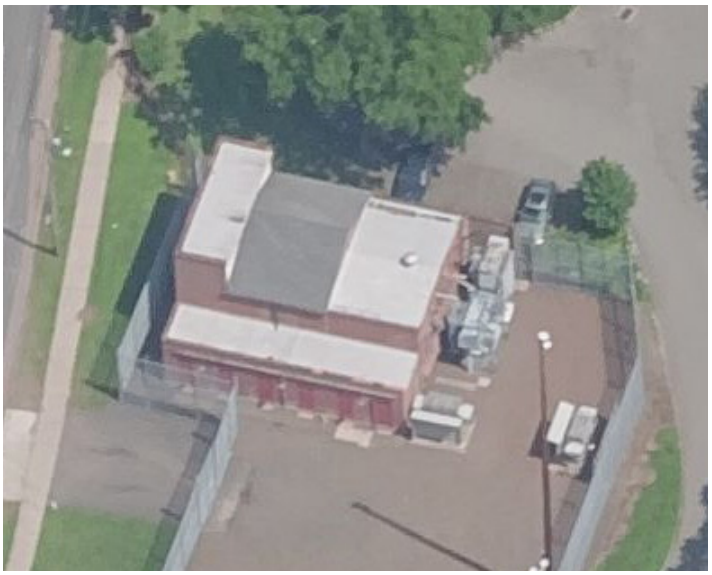
United Illuminating has an ongoing program to upgrade aging infrastructure to provide a modern electric grid that is resilient against storms and delivers the safe, reliable service that customers expect. As part of this effort, UI will begin work to decommission the 103-year-old Whitney Avenue Substation in New Haven and Hamden in Oct. 2020. In addition to removing the Substation from service, this project will upgrade the circuits it serves from the current 4,160 volts to 13,800 volts, which is a standard voltage for modern electric distribution circuits. This will require UI to replace or modify electric lines, poles and other infrastructure in the neighborhoods currently served by the substation.

PROJECT PURPOSE AND NEED

The Whitney Avenue Substation has been serving our customers since 1916 and is reaching the end of its effective service life. By upgrading the electric infrastructure it currently serves, and re-connecting the customers to a more modern substation, UI will help ensure that the 4,000 customers in the Whitney area will continue to receive safe, reliable power.

PROJECT FACTS	
Municipalities:	New Haven & Hamden
County:	New Haven

ESTIMATED TIMETABLE *Q4 2020 -Q4 2023*	
Initial Field Work:	Q2 2020 Vegetation Management
Construction Start:	Q4 2020
In Service Date:	Q4 2022



915 Whitney Avenue Hamden, Connecticut

CUSTOMER OUTREACH

The Company met with Hamden & New Haven municipalities in February and March respectively, to review the need, scope and timing with them. More meetings will follow.

PROJECT SCOPE

- Install / Replace ~ 571 poles
- Install / Replace more than 130 transformers
- Install / Replace more than 240,000 linear feet of primary and secondary wire
- Redistribute the electric load from the old substation to a more modern substation

BENEFITS TO THE REGION

- The project will improve power quality, meaning customers are less likely to experience flickering lights and dimming due to voltage drops
- This project will also help UI to better prepare the area for extraordinary weather events

2020-3234