



An AVANGRID Company

UNITED ILLUMINATING Railroad Power Line Upgrades Fairfield to Congress

CONTACT

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Refer to: **Railroad Power Line Upgrades – Fairfield to Congress**

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PROJECT OVERVIEW

Rebuild 8.1 miles (10.8 circuit miles) from the Eversource-UI demarcation point in Fairfield, CT to Congress substation in Bridgeport, CT. Relocate the transmission lines off the existing railroad catenary bonnets (overhead wire systems) and install on independent monopoles with new insulators, hardware and conductor adjacent to the railroad corridor.

PROJECT PURPOSE AND NEED

The 115kV transmission lines between Fairfield and Bridgeport are supported by the Connecticut Department of Transportation (CTDOT) owned railroad catenary structures and connected through UI owned bonnet structures. As a result of age, asset deterioration, and increased mechanical loads, it was recommended that new 115kV transmission lines be installed on new monopoles along the CTDOT railroad corridor. These upgrades will help maintain system reliability, preserve safety within and adjacent to the right-of-way, and provide technological enhancements to legacy system equipment.

PROJECT SCOPE:

- Staking, vegetation clearing, access roads and work pad construction.
- Installation of drilled foundation supported monopoles and conductors

BENEFITS TO THE REGION:

The upgrades will improve the reliability, capacity and resiliency of the transmission system, ensuring that the safe and reliable transmission of power is maintained for our customers throughout Fairfield County, in accordance with Federal reliability standards.

For more information visit uirailroadlineupgrades.com

PROJECT LOCATION

Municipalities:	Fairfield, Southport, Bridgeport
County Impacted:	Fairfield

ESTIMATED TIMETABLE *subject to change*

Engineering - Detailed Engineering	Q1 2021 to Q1 2024
Start of Construction:	Q3 2024
In-Service Date:	Q3 2029

