

Derby Junction to Ansonia 115-kV Transmission Line Rebuild Project

Project Overview

Rebuild the existing transmission lines along the 4.1-mile corridor between Derby Junction in Shelton, spanning the Housatonic River, and crossing portions of Derby and Ansonia, ending at the existing Ansonia Substation. The transmission lines presently consist of 34 double circuit lattice-type structures and 7 monopole structures. UI proposes to replace these structures with a combination of double circuit and a few single circuit steel monopoles to improve the reliability of the electric transmission system for customers in Connecticut and New England.

Project Need and Benefits to the Region

The existing transmission line structures were originally built in the early 1920s. Over the years, the transmission lines have been upgraded several times in response to increasing demand for electricity. Detailed engineering analyses and field inspections have determined that the lines now must be completely rebuilt to assure the continuation of reliable and resilient electric service to our community.

Project Information Line: 888.848.3697

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Project Scope:

UI proposes to rebuild the transmission lines between Derby Junction and Ansonia Substation. These upgrades will require the following:

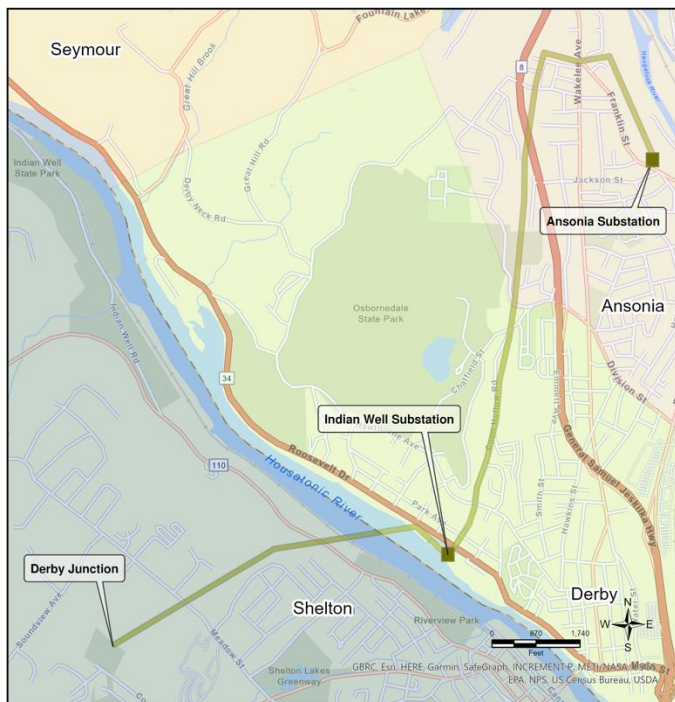
- Perform engineering and environmental surveys along the transmission corridor
- Prepare the corridor for construction (involving vegetation clearing and grading as necessary)
- Construct approximately 40 new steel monopoles, along with new conductors, insulators, and hardware
- Remove all existing transmission structures
- Restore (regrade, seed) the areas affected by construction

Project Location

Municipalities:	Ansonia, Shelton and Derby
County Impacted:	New Haven and Fairfield

Estimated Timetable *(subject to change)*

Permitting Approvals:	1 st Quarter 2023
Construction:	1 st Quarter 2024
Completion/ In-Service Data:	4 th Quarter 2025



Typical existing lattice steel structure in Derby