

Spencer to Webster Transmission Project

T20 Line ACR

Spencer, Charlton, Dudley, and Webster, Massachusetts

Summer 2025

WHAT?

As one of your regional electricity providers, National Grid regularly updates our systems to ensure that you receive the best possible service to your home and business every day. The 17-mile-long Spencer to Webster Transmission Project (T20 Asset Condition Replacement (ACR) project) is expected to begin construction in the Summer of 2029 with full replacement of two hundred sixteen deteriorating wood structures with steel structures. The number of structures will reduce from two hundred fifty, to two hundred sixteen. The Project will involve:

- Replacement of 216 existing wood structures with new, taller, steel structures; Net reduction of 34 structures
- Rebuilding of the existing 69kV line to 115kV standards
- Addressing woodpecker damage, pole deterioration, damaged cross-arms
- Installation of optical ground wire
- Reconfiguration of the current line to be rebuilt in the center of the existing right-of-way

WHERE?

The Project will upgrade in full the overhead power lines that begin in Spencer, cross Route 9, Carpenter Hill Road in Charlton, Hayden Pond Road in Dudley, and across Route 12 in Webster, Singletary Ave in Sutton, Sutton Avenue in Oxford, Sutton Road, and Interstate 395 in Webster. This line connects the Meadow Street Substation in Spencer to the East Webster Substation in Webster, MA.

WHY?

A strong electrical transmission system is vital to our region's safety, security, and economic prosperity. The Project will modernize the existing transmission lines, replace equipment that has reached the end of its useful life, address the need for improved system reliability.

WHEN?

We anticipate access road improvements and vegetation management to begin in Fall 2028 with construction commencing shortly thereafter through Fall 2031.

STAY INFORMED

National Grid is committed to keeping you informed and encourages feedback from project neighbors, public officials, and other stakeholders. We are committed to keeping, residents, businesses, community groups, and local officials informed about this Project.

If you have any questions or would like additional information, please reach out to the project hotline information below.

Email: info@t20project.com

Phone (800) 454-9601 ext 1

cc: Julia Kaplan /National Grid



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T20 Line ACR Project Overview

