3403 Line Laminate Wood Structure Replacement Project

Town of Redding
August 11, 2022
Agenda

- Laminate Wood Structure Replacement Program Overview
- Project Need and Justification
- Project Scope
- Project Schedule/Next Steps
- Stakeholder Outreach
- Contact Information
- Additional Discussion – Expansion Easement
Laminate Wood Structure (LWS) Replacement Program

- The purpose of the program is to replace all existing laminate wood structures with weathering steel monopoles.

- Structures are evaluated on internal rotting, damage, and deterioration.

- The structures must also be replaced due to changes in clearance requirements to conform to current mandatory national and regional reliability standards.
**Project Need and Justification**

- Ground patrols and unmanned aerial system inspections of the 3403 (345-kV) transmission line in Redding and Bethel have identified a total of 26 structures that will be replaced due to aging and deterioration.
  - 15 structures in Bethel
  - 11 Structures in Redding

- The existing wood structures on the 3403 Lines were originally installed in 2006 and have deteriorated with age, as well as sustained damage. Replacing these structures is necessary to maintain system reliability.
This proposed Project includes:

- The replacement of twenty-six laminate wood H-frame structures from the Norwalk 9S Substation to the Plumtree Substation with weathering steel monopole structures. We will also be installing insulators, counterpoise and safety equipment on each structure as required.

**Eversource will soon file a Sub-Petition with the Connecticut Siting Council seeking approval to construct this Project.**

*Please note that only eleven structures will be replaced in Redding. All remaining structures will be replaced in Bethel, CT*
## Project Scope Continued - Structure Heights

<table>
<thead>
<tr>
<th>Structure Number</th>
<th>Existing Height (ft)</th>
<th>Proposed Height (ft)</th>
<th>Difference (ft)</th>
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</thead>
<tbody>
<tr>
<td>11019</td>
<td>115-110</td>
<td>120-120</td>
<td>5-10</td>
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<tr>
<td>11020</td>
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<td>11021</td>
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<td>90-90</td>
<td>10-10</td>
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<tr>
<td>11022</td>
<td>125-130</td>
<td>125-125</td>
<td>0-5</td>
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<td>11023</td>
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<td>130-130</td>
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<td>11029</td>
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## Schedule & Next Steps*

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<tr>
<th></th>
<th>Q3 2022</th>
<th>Q4 2022</th>
<th>Q1 2023</th>
<th>Q2 2023</th>
<th>Q3 2023</th>
<th>Q4 2023</th>
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<tr>
<td>Initial Briefing of Municipal Officials</td>
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<tr>
<td>Property Owner Outreach</td>
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<td>File Sub Petition with the CSC</td>
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<tr>
<td>Construction**</td>
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<tr>
<td>Restoration</td>
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</table>

*Schedule subject to change  
**Pending CSC Approval. Work in Q4 2022 would be on non jurisdictional structures
Stakeholder Outreach

Eversource is committed to being a good neighbor while conducting its maintenance and reliability upgrades. Outreach is conducted early and often to inform our customers and other stakeholders about work proposed to occur in their area and address any questions or concerns.

We are also adapting our work practices to incorporate social distancing, proper protective equipment, heightened hygiene, and other best practices to protect their, and the public’s health and avoid the spread of coronavirus.

- Key Stakeholders:
  - Property Owners & Tenants
  - Businesses
  - Local Officials
  - State Agencies

- Communication Tactics:
  - Briefings, Presentations
  - Letters
  - Phone calls & emails
  - Door-to-door outreach
    - Eversource representatives will leave these notifications if a property owner is not available to meet. Information left for property owners will include information on our work in rights-of-way and who to contact with any questions
    - Hotline and e-mail address

Contact Information for the Public:
Transmission Hotline 1-800-793-2202
Email: ProjectInfo@eversource.com
3403 Line Structure Replacement Project
Mindy Greenberg
Project Services, Associate Specialist
860-463-2539
Mindy.Greenberg@eversource.com

For all other Eversource inquiries:
TJ Magnoli
Community Relations Specialist
203-245-5405
Thomas.Magnoli@eversource.com

Transmission Hotline For the Public:
1-800-793-2202
ProjectInfo@eversource.com
Project Question and Answers
Eversource would like to pursue an expansion easement along the 3403 line on the Nature Conservancy Property off Whortleberry Road.

- Easement would need to expand 25 feet on each side of the existing right of way to match the remainder of the 3403 Line.

- The purpose of this expansion would be for future Eversource maintenance and system reliability of the right of way.