1. Project Background

Project Title: Pole Integrity 2020	Project Number: CD01301
Date Prepared: 04/10/2026	**Company:** Eversource CT
Organization: Electric System Operations	**Project Category:** POLE INTEGRITY PROGRAM
Initiating Organization: Distribution	**Project Type:** Specific
Project DDE: [redacted]	**Capital Investment part of 5-year plan?** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Current Authorized Amount: $6,578.4k	**Approved In-Service Date: 12/31/2020**
Supplement Request: $485.5k	**Estimated In-Service Date: 12/31/2025**
Total Capital Request: $7,063.8k	**Authorization Type:** Supplement Request
	Reason: Cost Overage

This initiative captures the cost necessary to replace decay poles that could not remain in service due to loss of strength from decay, insect infestation or severe leaning that were found during the annual pole inspections.

The supplemental authorization reflects increases in plant removal and outside services that were not accounted in the original 2019 estimate.

Therefore, the supplemental request for this project is $485.5k and includes additional increase in plant removals for a total capital request of $7,063.8K. All WOs are closed.

The total project capital request is $7,063.8k.

2. Supplement Justification Overview

The original budget was developed in 2019 and did not include Plant removals

3. Supplement Justification Detail

4. Supplement Cost Summary (Project Total)

Note: Dollar values are in thousands.

Capital Costs	To Date Spend	Prior Authorized	Supplemental Request	Total Request
Internal Labor and Construction Equipment	52.2	29.0	13.0	42.0
Outside Services	3,945.8	3,118.1	58.6	3,176.7
Materials	629.6	543.1	-36.2	506.9
Removals	0.0	0.0	877.2	877.2
Risk and Contingency	138.5	0.0	138.5	138.5
Other	-127.6	0.0	-102.7	-102.7
Subtotal	**4,638.6**	**3,690.2**	**948.4**	**4,638.6**

Indirect Capital Costs	To Date Spend	Prior Authorized	Supplemental Request	Total Request
Indirects/Overheads (including benefits)	2,386.8	2,859.2	-472.4	2,386.8
Capitalized interest or AFUDC, if any	38.5	29.0	9.5	38.5
Subtotal	**2,425.3**	**2,888.2**	**-462.9**	**2,425.3**
Total Capital Costs (Gross)	**7,063.8**	**6,578.4**	**485.5**	**7,063.8**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net of Reimbursement)	**7,063.8**	**6,578.4**	**485.5**	**7,063.8**

New Total Request by Year

Capital Costs	2019	2020	2021	2022	2023	2025	TOTAL
Internal Labor & Equipment	0.1	36.4	9.5	-3.8	0.0	-0.3	42.0
Outside Services	7.1	2,754.5	719.7	-284.0	2.8	-23.4	3,176.7
Materials	1.1	439.5	114.8	-45.3	0.4	-3.7	506.9
Removals	1.9	732.6	191.4	-75.5	0.7	26.1	877.2
Risk and Contingency	0.0	0.0	0.0	0.0	0.0	138.5	138.5
Other	-0.2	-89.0	-23.3	9.2	-0.1	0.8	-102.7
SUBTOTAL Direct Cost	**10.0**	**3,874.0**	**1,012.2**	**-399.4**	**3.9**	**137.9**	**4,638.6**
Indirects / Overheads	13.1	2,334.0	570.0	-524.7	-5.7	0.0	2,386.8
AFUDC	0.1	26.3	12.7	-0.7	0.0	0.0	38.5
SUBTOTAL Indirect Cost	**13.2**	**2,360.3**	**582.8**	**-525.4**	**-5.7**	**0.0**	**2,425.3**
TOTAL Capital Request	**23.3**	**6,234.3**	**1,595.0**	**-924.8**	**-1.8**	**137.9**	**7,063.8**
Less Total Customer Contribution	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
TOTAL Project Cost	**23.3**	**6,234.3**	**1,595.0**	**-924.8**	**-1.8**	**137.9**	**7,063.8**

5. Lessons Learned

6. Attachments

ATTACHMENT – A (PREVIOUSLY APPROVED FULL FUNDING PAF) See next page.

Technical Authorization Form

Date Prepared: 05/22/19	Project Title: 2020 Pole Integrity
Company/ies: Eversource CT	Project ID Number: CD01301
Organization: Distribution Design	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: Pole Integrity Program
Project Manager: [redacted]	Project Type: *Specific*
Project Sponsor: [redacted]	Project Purpose: System Resiliency
Estimated in service date: 12/31/20	If Transmission Project: *NA*
Authorization Type: Engineering	Authorization Amount: 200,000

Project Need Statement

This project includes the replacement or reinforcement of wood poles found during yearly inspections that cannot remain in service due to loss of strength from decay or insect infestation. The initial engineering authorization will allow internal and or external resources to conduct field surveys and generate applicable work orders. This project has been set up with three (3) segments to address pole replacements and reinforcements in the western, eastern and central regions. ACT/PAF approval will follow later in the year once the approximate number of rejects and reinforcements become available.

Project Objectives

The Pole Integrity Program accelerates the replacement and/or maintenance of aging and defective pole assets.

Project Scope

Pole data collected by the 2018 inspection yielded and approximate scope of work for this 2020 project. Approximate counts are below:

A- Defective Pole Replacements – 999 B- Pole Reinforcements C-Truss - 25

Cost Estimate and Assumptions:

Capital and expense costs were derived from historical costs per pole to complete the various types of work (Replacements, Reinforcements.

Scope of Work	Approximate Counts	Capital Cost per pole	Capital Cost Total	Expense Cost per pole	Expense Cost Total	Capital + Expense Total
Defective Pole Replacements	999	$6,544	$6,537K	$1,880	$1,878K	$8,415K
C-Truss Pole Reinforcements	25	$1,641	$41K	$0	$0	$41K
			$6,578K		$1,878K	$8,456K

Background / Justification

Replacement and/or maintenance of defective poles supports safety, reliability and commitments to the customer.

Business Process and / or Technical Improvements:

Historically CL&P used only the minimum NESC wood strength requirements to identify reject poles. The company has since incorporated System Resiliency storm criteria to help identify pole replacements and focuses on older, smaller Class 3, 4, and 5 poles because they are more susceptible to damage from 95 mile-per-hour winds or ¾" of radial ice.

Alternatives Considered with Cost Estimates:

Do nothing alternative

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Engineering approval	May 2019
Design	June-Dec 2019
Bid	February, 2020
Award & Construction Start	March, 2020
Construction Completion	December 2020

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation

Actual cost higher than estimated due to scope changes.	2020	Low	Included higher number of defective pole replacements in estimate to reduce changes during design.
Construction resources / storm delays	2020	Medium	Use competitive bidding to ensure lowest outside labor cost. Bid early in the year to allow long construction period.
Availability of internal Engineering resources	2019		Align external engineering resources to conduct field surveys and write applicable engineering work orders
Materials shortage or long lead times	2020	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.

One-Line Diagrams, Attachments, and Images

N/A