Operations Project Authorization Form

Project Title: STONINGTON LED POST TOP REPLACEMENT	**Project Number: GRPRLP1621**
Date Prepared: 10/17/2023	**Company:** Eversource CT
Organization: Electric System Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Lighting
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Yes
Estimated in service date: 12/31/2021	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF X Distribution
Total Gross Capital Request: $142K	**Authorization Type:** Full Funding

Executive Summary

This request is for the approval of $142K for construction costs required for roadway LED conversions in the Stonington area in 2020.

This work covers the replacement of LED post tops. This is an Eversource statewide initiative to upgrade all streetlighting to LED heads. This work is for the removal of old HPS or other outdated types of lights for modern LED post tops. The work consists of the replacement of the pole tops and installing the new LED ones and their respective brackets.

Project Costs Summary

WO NUMBER	WO DESCRIPTION	PROJECT DEPT CODE	PROJECT	PROJECT DESCRIPTION	WO IN SRV DATE	WO INIT DATE	Total Amount (K)
3L030054	STONINGTON LED POST TOP REPLACEMENT	15E	GRPRLP16	LED Conversion	9/25/2020	7/6/2021	$142

WO 3L030054 consisted of LED Pole/Post top replacements in Stonington. This includes replacing the light heads and the brackets.

Technical Justification:

Project Need, Objective and Justification

It is necessary to perform this work to update the lighting in specific towns. LED post tops produce a more efficient, larger light which benefits drivers, residents, and their safety.

Appendix 2
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Project Scope
This is a statewide initiative to update old style post top lighting with new modern LED lights. The work involves removing the old post top lights, their brackets, and then installing the LED post top and the new bracket.

Major Material includes:
LED Post Tops
LED Post Top Brackets

Background

This project will address outdated pole top lights and replace them with modern LED lights with more lumens and brighter light.

Alternatives Considered:

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Project is a compliance obligation - no alternatives considered - no financial benefit

Regulatory Approvals:

N/A

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	01/01/2021
Construction Start	01/01/2021
In Service Date	12/31/2021

Risks and Risk Mitigation Plans

N/A

References

N/A

Appendices (One-Line Diagrams, Images, etc.)

N/A.