Operations Project Authorization Form

Project Title: SOUTH WINDSOR POST TOP LED REPLACEMENT	**Project Number: GRPRLP1619**
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: 12/31/2022	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF X Distribution
Total Gross Capital Request: $279K	**Authorization Type:** Full Funding

Executive Summary

This request is for the approval of $279K for construction costs required for roadway LED conversions in the South Windsor area in 2019.

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 This work is for the removal of old HPS or other outdated types of lights for modern LED post tops.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)
3L920048	SOUTH WINDSOR POST TOP LED REPLACME	15E	GRPRLP16	LED Conversion	6/24/2022	1/3/2019	$279

WO 3L920048 consisted of LED Pole/Post top replacements in South Windsor. 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This project will address outdated pole top lights and replace them with modern LED lights with more lumens and brighter light.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	01/01/2019
Construction Start	01/01/2019
In Service Date	12/31/2022

Risks and Risk Mitigation Plans

N/A

References

N/A

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

N/A.