Operations Project Authorization Form

Project Title: NON-ROADWAY LIGHTING CHESHIRE	**Project Number: DA2M20**
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: 12/31/2020	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF X Distribution
Total Gross Capital Request: $349K	**Authorization Type:** Full Funding

Executive Summary

This request is for the approval of $349K for construction costs required for streetscapes in the Cheshire area in 2020.

This work covers the installation of poles requested by the municipalities, installing photocells, installing decorative heads for streetlights, wiring the poles, and wiring the pole bases to their respective handholes. The wiring portion requires installing cable through conduit, installing 4 or 6-way crabs, and splicing the cable. These streetscape jobs also require manholes to get pumped out and set up to energize the new decorative lighting fixtures. When a town requests decorative streetlighting for their streetscapes then the work falls under this category.

Project Costs Summary

WO NUMBER	WO DESCRIPTION	PROJECT DEPT CODE	PROJECT	PROJECT DESCRIPTION	WO IN SRV DATE	WO INIT DATE	Total Amount (K)
2M032065	STLT 3/8/21 (40,0): EJC Streetscape	15E	DA2M	NON-ROADWAY LIGHTING CHESHIRE	10/4/2023	4/8/2020	$154
2M032066	COMP 5/26/21 CCC ** EJC Streetscape	15E	DA2M	NON-ROADWAY LIGHTING CHESHIRE	6/7/2021	4/8/2020	$195
Total							$349

Work Order 2M032065 consisted of the New Britain Streetscape Project VII on Columbus Boulevard.

Work Order 2M032066 consisted of the New Britain Streetscape Project VII at Herald Square.

Technical Justification:

Project Need, Objective and Justification

It is necessary to perform this work to bring the town's requested streetscape job to fruition whether it be for aesthetic lights or working lights to enhance the town's streets.

Project Scope

Municipalities request streetscape projects for new functional and decorative lighting features to enhance their towns streets. This work includes pumping out manholes, installing new poles, installing new decorative poles, installing photocells, wiring the pole to the base, wiring the base to the handhole, installing crabs, and splicing the cable to energize the luminaires.

Major Material includes:
Poles
Cable
Photocells
Manhole pumps
Fuseholders
Decorative structures
Luminaires
Connectors
Base mounting

Background

This project will address customer and town requests at locations for new streetscapes which includes streetlight installations, photocells, and the connections of the devices/facilities.

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	01/01/2020
Construction Start	01/01/2020
In Service Date	12/31/2020

Risks and Risk Mitigation Plans

N/A

References

N/A

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

N/A.