Operations Project Authorization Form

Date Prepared: 10/20/2021	**Project Title:** LINE RELOCATIONS [redacted]
Company/ies: Eversource CT	**Project ID Number: DH2M20**
Organization: Distribution	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category: Reliability**
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose: Relocation**
Estimated in service date: 12/31/2020	**If Transmission Project: PTF?** N/A
Eng. /Constr. Resources Budgeted? Y	**Capital Investment Part of Original Operating Plan?** Y
Authorization Type: Final Design	**O&M Expenses Part of the Original Operating Plan?** N/A
Total Request: $1,037K	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This request is for the approval of $1,-37k for the relocation of existing distribution facilities in the [redacted] area in 2020.
This work covers the relocation of existing distribution facilities (units of property) required by State highway, municipal, redevelopment, private entities or internal Eversource needs. If the relocation work is required to provide service for a new customer or to upgrade service to an existing customer then it would not be included in this category. However, when a new customer requires poles to be relocated for a new breakdown lane or other public unit, for example, then it falls under this category. Relocations include moving and overhead (OH) lines over to make room for work, relocating an OH line to underground (UG), etc.

Project Costs Summary / Financial Evaluation

wo_number	wo_description	Initiation Date	In service Date	project	project_description	Total Amount
2M721774	[redacted]	2/1/2020	9/11/2019	DH2M	LINE RELOCATIONS [redacted]	$ 158,411
2M924282	[redacted]	3/2/2020	3/2/2020	DH2M	LINE RELOCATIONS [redacted]	$ 65,890
2M820372	51-269 - Relocate OH Facilities for	4/2/2020	4/30/2019	DH2M	LINE RELOCATIONS [redacted]	$ 273,363
2M922009	PL: RELOCATE POLES (SIDEWALK WIDENI	4/10/2020	10/7/2019	DH2M	LINE RELOCATIONS [redacted]	$ 179,046
2M031041	Culvert Replacement [redacted]	6/5/2020	1/0/1900	DH2M	LINE RELOCATIONS [redacted]	$ 360,094
Total						$ 1,036,805

Technical Justification

Project Need Statement

It is necessary to perform this work to increase load capacity or avoid obstacles for work done by others by relocating existing distribution facilities.

Project Objectives

Relocate existing distribution lines to increase line capacity or avoid obstacles due to work by the state highway department, municipalities, redevelopments, private entities, or internal Eversource needs.

Project Scope

Relocate existing distribution facilities due to work by the state highway department, municipalities, redevelopments, private entities, or internal Eversource needs. This work could include moving an OH distribution line over a few feet, or it could include relocating an OH line to UG. Both could require new equipment to increase load capacity. Going from OH to UG would require entire new cable, conduit, transformers, etc.

Major Material

- Transformers
- Fuses
- Lightning Arrestors
- Hot Line Clamps
- AMPAC wedges
- Crossarms
- Animal guards
- Reclosers
- Messenger Guards
- Sectionalizers
- Bent Pins

- Guy/Anchors
- Stirrups
- Splices
- Reinforcements
- Vise-top insulators
- Pole replacement
- Covered conductor
- Underground cable
- Risers
- Switchgear
- Pads
- Elbows
- Conduit
- Digging

Background / Justification

This project will address circuits and assets that need to be repaired, replaced, or removed for the betterment of the system.

Business Process and / or Technical Improvements
N/A

Project Schedule:

Milestone/Phase Name	Estimated Completion Date
PAF approval Final Design	2020
Construction	January, 2020 – December, 2020

Regulatory Approvals: N/A

Risks and Risk Mitigation Plans: N/A

References: None

Attachments (One-Line Diagrams, Images, etc.): N/A