Operations Project Authorization Form

Date Prepared: 01/07/2022	**Project Title:** CDOT 18-135 Federal Rd Improvement
Company/ies: Eversource CT	**Project ID Number**: CD01712
Organization: Distribution Electric	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category:** Line Relocation
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose:** Line Relocation
Estimated in-service date: 06/01/22	**If Transmission Project: PTF?** N/A
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Initial Funding	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $ 145,379 (50% reimbursable)	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

The CT department of transportation has contacted Eversource concerning CDOT Project 18-135 Federal road improvements. This project affects Eversource facilities on Federal Road in Brookfield, CT.

The CTDOT scope for this project includes widening of Route 202 (Federal Rd) to provide sidewalks, left-turn lanes and protected left-turn signal phasing at Chick-Fil-A/ Shop Rite plaza and a new traffic signal with dedicated left-turn lanes and protected left-turn signal phasing at Beverly Drive/Hardscrabble Road. Also, to realign the southern terminus of Old New Milford Road with the plaza at 317 Federal road and installation of new traffic signal which will require Eversource to relocate OH and UG facilities on the Federal Road. Since this project is State funded under State Roadway Projects, it is a 50% reimbursable job.
Attached below is the guideline for reimbursements for Eversource facility relocations as determined by the legal department. This project falls under trigger project #1 in the attached document below “State Roadway Project” and Utility Co. pays 50%.



Utility relocation cost memo.pdf

Project Costs Summary

	Prior Authorized	2022	2023	2024+	Totals
Capital Additions - Direct	$0	$70,559	$0	$0	$70,559
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$9,561	$0	$0	$9,561
Total - Direct Spending	$0	$80,120	$0	$0	$80,120
Capital Additions - Indirect	$0	$50,962	$0	$0	$50,962
Subtotal Request	$0	$131,082	$0	$0	$131,082
AFUDC	$0	$2,965	$0	$0	$2,965
Total Capital Request	$0	$134,047	$0	$0	$134,047
O&M	$0	$11,332	$0	$0	$11,332
Total Request	$0	$145,379	$0	$0	$145,379

Financial Evaluation

Direct Capital Costs	2022	2023	2024+	Totals
Straight Time Labor	$6,795	$0	$0	$6,795
Overtime Labor	$1,075	$0	$0	$1,075
Outside Services	$55,489	$0	$0	$55,489
Materials	$16,168	$0	$0	$16,168
Other, including contingency amounts (describe)	$593	$0	$0	$593
Total Direct Costs	**$80,120**	**$0**	**$0**	**$80,120**

Indirect Capital Costs	2022	2023	2024+	Totals
Indirects/Overheads (including benefits)	$50,962	$0	$0	$50,962
Capitalized interest or AFUDC, if any	$2,729	$0	$0	$2,729
Total Indirect Costs	**$53,691**	**$0**	**$0**	**$53,691**
Total Capital Costs	**$133,811**	**$0**	**$0**	**$133,811**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$133,811**	**$0**	**$0**	**$133,811**
Total O&M Project Costs	**$11,568**	**$0**	**$0**	**$11,568**
Total Project Cost	**$ 145,379**	**$ -**	**$ -**	**$ 145,379**

Technical Justification:

Project Need Statement:

The CTDOT scope for this project includes widening of Route 202 (Federal Rd) to provide sidewalks, left-turn lanes and protected left-turn signal phasing at Chick-Fil-A/ Shop Rite plaza and a new traffic signal with dedicated left-turn lanes and protected left-turn signal phasing at Beverly Drive/Hardscrabble Road. Also, to realign the southern terminus of Old New Milford Road with the plaza at 317 Federal road and installation of new traffic signal

Project Objectives
The objective of this project is to relocate our OH and UG facilities on Federal Road in Brookfield as requested by the State DOT.

Project Scope

In order to meet the above objectives, this project proposes the following:

[redacted]

Major Material:

1. 1,255' of three phase 556 AAC 175 MIL Covered Wire (3,765' in total wire)
2. 800' of 1/0 AL TPX
3. 485' of 1/0 Neutral
4. 5 45 class 2 Eversource poles
5. 15 45 class 2 Frontier poles

Background / Justification
State DOT is requesting Eversource to relocate facilities in conflict with CDOT Project 18-135

Business Process and / or Technical Improvements:
All permanent construction will be in accordance with the latest Eversource standards.

Alternatives Considered with Cost Estimates

No Alternatives

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Initial Funding Authorization	January 2022
Detailed Design	January 2022
Construction Begin	April 2022
Construction End	July 2022

Regulatory Approvals
None

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2022	Medium	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
Customer Permission / Siting Council / Municipal approvals	2022	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2022	High	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Internal engineering resources not available to perform the work.	2022	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2022	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2022	Low	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period of time.

References
None

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

CD01712 _design_alt_needs_s

CD01712 PL wtih site plan_18-135.pdf

CD01712 scope.pdf

CD01712 Pole Relocations.pdf