Operations Project Authorization Form

Date Prepared: 01/28/2020	**Project Title: CTDOT #135-340 - [redacted] Intersection Improvements**
Company/ies: Eversource CT	**Project ID Number: CD01497**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Line Relocations/Acts of Public Authority**
Project Sponsor: [redacted]	**Project Purpose: Adjust facilities for [redacted] Project**
Estimated in service date: 12/31/2020	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan? Yes**
Authorization Type: Preliminary Funding	**O&M Expenses Part of the Original Operating Plan? Yes**
Total Request: $453,400 (Non-reimbursable)	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project is being presented for Preliminary Approval of $453,400 for facilities adjustment associated with the [redacted] pedestrian walkway expansion in Stamford, CT. CTDOT #135-340 is a State funded project conducted by the City of Stamford and as a result, it is non-reimbursable (see item #6 in the attachment 'Utility Relocation Cost Memo' below).

The City of Stamford will be making improvements at various intersections along [redacted] in accordance with CTDOT Project # 135-340. This project aims to significantly enhance pedestrian safety and reduce crashes in the various intersections of [redacted] These improvements will include high visibility retroreflective thermoplastic crosswalk and curb extensions at intersection corners. Eversource is being requested to reset, remove, or replace twelve structures to accommodate the roadway streetscape improvements.

Utility relocation cost memo.pdf

Project Costs Summary

	Prior Authorized	2020	2021	2022+	Totals
Capital Additions - Direct	$0	$215,530	$0	$0	$215,530
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$24,043	$0	$0	$24,043
Total - Direct Spending	$0	$239,573	$0	$0	$239,573
Capital Additions - Indirect	$0	$165,739	$0	$0	$165,739
Subtotal Request	$0	$405,313	$0	$0	$405,313
AFUDC	$0	$9,716	$0	$0	$9,716
Total Capital Request	$0	$415,028	$0	$0	$415,028
O&M	$0	$38,372	$0	$0	$38,372
Total Request	$0	$453,400	$0	$0	$453,400

Financial Evaluation

Direct Capital Costs	2020	2021	2022+	Total
Straight Time Labor	$35,815	$0	$0	$35,815
Overtime Labor	$5,806	$0	$0	$5,806
Outside Services	$131,796	$0	$0	$131,796
Materials	$66,157	$0	$0	$66,157
Other, including contingency amounts (describe)	$0	$0	$0	$0
Total Direct Costs	**$239,573**	**$0**	**$0**	**$239,573**

Indirect Capital Costs	2020	2021	2022+	Total
Indirects/Overheads (including benefits)	$165,739	$0	$0	$165,739
Capitalized interest or AFUDC, if any	$8,876	$0	$0	$8,876
Total Indirect Costs	**$174,615**	**$0**	**$0**	**$174,615**
Total Capital Costs	**$414,188**	**$0**	**$0**	**$414,188**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$414,188**	**$0**	**$0**	**$414,188**
Total O&M Project Costs	**$39,212**	**$0**	**$0**	**$39,212**

Total Project Cost	**$453,400**	**$ -**	**$ -**	**$453,400**

Technical Justification:

Project Need Statement

Eversource has been requested to readjust, relocate, or remove underground structures along [redacted] intersections in accordance with the CTDOT Project #135-340 for a period of approximately one year. A total of twelve structures will need to be adjusted to enable the City of Stamford to complete their project.

Project Objectives

Eversource will need to adjust twelve structures in total. Seven structures will require resetting manholes, one structure will require adjusting to final grade, two structures will require raising vault to final grade, one structure will be replaced with Polycrete box, and one structure will be the installation of a hex hole.

Project Scope

Eversource will perform the following work:



Background / Justification

The City of Stamford will be making improvements on the [redacted] [redacted] in accordance with CTDOT Project # 135-340, which includes expanding the pedestrian walkway. Eversource is required to modify existing structures and adjust grading of these structures in accordance with the CTDOT project.

Business Process and / or Technical Improvements:

Structures will have to be adjusted to comply with the CTDOT Project #135-340. The project will allow for improvements on [redacted] intersections to comply with grading.

Alternatives Considered with Cost Estimates

Eversource is required to comply with Connecticut General Statutes when requested by the town to relocate our facilities along the town's roadway.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	02/06/2020
Project Start Date	04/01/2020
Project End Date	12/31/2020

Regulatory Approvals

N/A

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2020	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	2020	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2020	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.	2020	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2020	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2020	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

2019-12-18-Final Signed Sealed Plans

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

[redacted] W.O Estimates REVI

CD01497_project_needs_statement.pdf

CD01497_ OVERALL MAP.pdf

CD01497 [redacted] INTERSECTION M

3046502 Estimate.pdf

3325178 Estimate.pdf

3364678 Estimate.pdf