Operations Project Authorization Form

Date Prepared: May 18, 2021	**Project Title: [redacted] pole relocation ([redacted])**
Company/ies: Eversource CT	**Project ID Number: CD01742 (funded under TMC919)**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Right of Way Lines**
Project Sponsor: [redacted]	**Project Purpose: Relocate poles**
Estimated in service date: 12/31/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted? Y	**Capital Investment Part of Original Operating Plan? Y**
Authorization Type: Preliminary Funding	**O&M Expenses Part of the Original Operating Plan? Y**
Total Request: $4,981,644 ($4,981,644) 100% Reimbursement by Transmission	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project has been established to cover the costs associated with relocating [redacted] in [redacted], because of transmission structure rebuild project TMC919. To accommodate new clearances, the distribution circuits within the ROW need to be relocated onto the new transmission structures. Under TMC919, the [redacted]. CD01742 addresses the costs associated with distribution circuits under build to transmission structures and taps off of these transmission structures and is fully reimbursable under TMC919.

[redacted]

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2021	2022	2023	Totals
Capital Additions - Direct	$0	$2,651,007	$0	$0	$2,651,007
Removals net of Salvage ____%	$0	$619,992	$0	$0	$619,992
Total - Direct Spending	$0	$3,270,998	$0	$0	$3,270,998
Capital Additions - Indirect	$0	$1,445,834	$0	$0	$1,445,834
Subtotal Request	$0	$4,716,832	$0	$0	$4,716,832
AFUDC	$0	$93,901	$0	$0	$93,901
Total Capital Request	$0	$4,810,733	$0	$0	$4,810,733
O&M	$0	$170,912	$0	$0	$170,912
Total Request	$0	$4,981,644	$0	$0	$4,981,644

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$90,558	$0	$0	$90,558
Overtime Labor	$18,903	$0	$0	$18,903
Outside Services	$2,698,201	$0	$0	$2,698,201
Materials	$457,532	$0	$0	$457,532
Other, including contingency amounts (describe)	$5,804	$0	$0	$5,804
Total Direct Costs	**$3,270,998**	**$0**	**$0**	**$3,270,998**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$1,445,834	$0	$0	$1,445,834
Capitalized interest or AFUDC, if any	$90,617	$0	$0	$90,617
Total Indirect Costs	**$1,536,451**	**$0**	**$0**	**$1,536,451**
Total Capital Costs	**$4,807,449**	**$0**	**$0**	**$4,807,449**
Less Total Customer Contribution	**($4,981,644)**	**$0**	**$0**	**($4,981,644)**
Total Capital Project Costs	**($174,195)**	**$0**	**$0**	**($174,195)**
Total O&M Project Costs	**$174,195**	**$0**	**$0**	**$174,195**

Total Project Cost	**$ (0)**	**$ -**	**$ -**	**$ (0)**

Note: Explain unique payment provisions, if applicable

Project Need Statement

[redacted]

Project Objectives

[redacted]

Project Scope

The project scope is as follows:

[redacted]

[redacted]e

6

[redacted]

Major Material:

1. 1600 ft. of 3-phase 556 KCMIL TW.
2. 500 ft. of 3-phase 336 KCMIL TW.
3. 200 ft. of 3-phase 336 KCMIL.
4. 28000 ft. of Spacer Cable.
5. 8 GOLBs.

Background / Justification

ROW 12 and 13 mainly consist of the [redacted], with [redacted] customers affected for loss of the [redacted]

Business Process and / or Technical Improvements:

New poles to improve system reliability.

Alternatives Considered with Cost Estimates

Options to relocate [redacted] out of the ROW were being considered however, above specified work needs to be done to accommodate Transmission work in the ROWs.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	May 2021
Detailed Design	June 2021
Construction Start Date	August 2021
Construction End Date	December 2021

Regulatory Approvals

All regulatory approvals are being done under transmission project TMC919.

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2021	low	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	2021	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
External construction resources not available to perform the work.	2021	Low	Work being done in conjunction with Transmission project TMC919.
Internal engineering resources not available to perform the work.	2021	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2021	Low	If storm activity delays work, we may be pushed into 2022.
System abnormal configuration	2021	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.)

[redacted] D Taps Design Rev2.vsdx

[redacted] D Taps Design Rev2.pdf

Project Cost Back-up Details



CD01742_project_need_statement Rev2