EVERSOURCE

Project Approval Form

Project Title: [redacted]	**Project Number:** CD02636
Date Prepared: 01/10/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** Emergent Equipment Failures - Line
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** No
Project Manager: [redacted]	**Emergency Related Request?** Yes
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 12/01/2024	
Total Capital Request: $601.3K	**Authorization Type:** Full Funding

1. Executive Summary

[redacted] Due to the extent of this work, the total cost under FWO#80204311 exceeded $500k, requiring a capital project.

Location Information:

Division: Western
District: Stamford
City: Stamford

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	Year 2025	Year 2026	Year 2027+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	31.1	0.0	0.0	31.1
Outside Services	147.4	0.0	0.0	147.4
Materials	140.0	0.0	0.0	140.0
Removals	101.2	0.0	0.0	101.2
Risk and Contingency	0.0	0.0	0.0	0.0
Other	2.6	0.0	0.0	2.6
Subtotal – Direct Costs	**422.3**	**0.0**	**0.0**	**422.3**
Indirect Capital Costs				
Indirect/Overheads (including benefits)	160.4	0.0	0.0	160.4
Capitalized interest or AFUDC, if any	18.6	0.0	0.0	18.6
Subtotal – Indirect Costs	**179.0**	**0.0**	**0.0**	**179.0**
Total Gross Capital Costs	**601.3**	**0.0**	**0.0**	**601.3**
Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Total Net Capital Project Costs	**601.3**	**0.0**	**0.0**	**601.3**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]. Due to the extent of these repairs and the duration required to resolve all cable faults, the total cost of this work exceeded $500k, requiring a capital project.

b. Project Need

[redacted]

c. Project Scope

The scope of work under this project consisted of the following:

- [redacted]

This work was performed in response to the multiple faults that occurred on the 1G09 feeder.

Major Material:

- 300’ 500 Cu EPR
- 2 Hammerheads

4. Alternatives Considered

Due to the nature of this project and that the described work has already been completed, alternatives were not considered.

5. Project Schedule

Project was done on an emergency and documentation followed.

Milestone/Phase Name	Estimated Date
Partial Approval	January 2025
100% Detailed Engineering Completion	January 2025
Fully Funded	January 2025
Construction Start	November 2024
In Service Date	December 2024

6. Regulatory Decisions

N/A

7. Codes and Standards

N/A

8. Risk and Contingencies

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2025	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	2025	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2025	Medium	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.	2025	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
System abnormal configuration	2025	High	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
Technological risks involving integration of new technology	2025	Low	Before use of new technology ensure support of standards and manufacturer. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.

9. References

References
1. N/A

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

Attachment	Included in Submittal?
A. Cost Summary	*YES*
B. Geographic Map	*YES*

Attachment A: Cost Summary

Option 1:

Connecticut Light & Power
A Northeast Utilities Company

Project Design Alternative: 1

Project: [redacted]

Design Alternative CD02636-01

Estimate

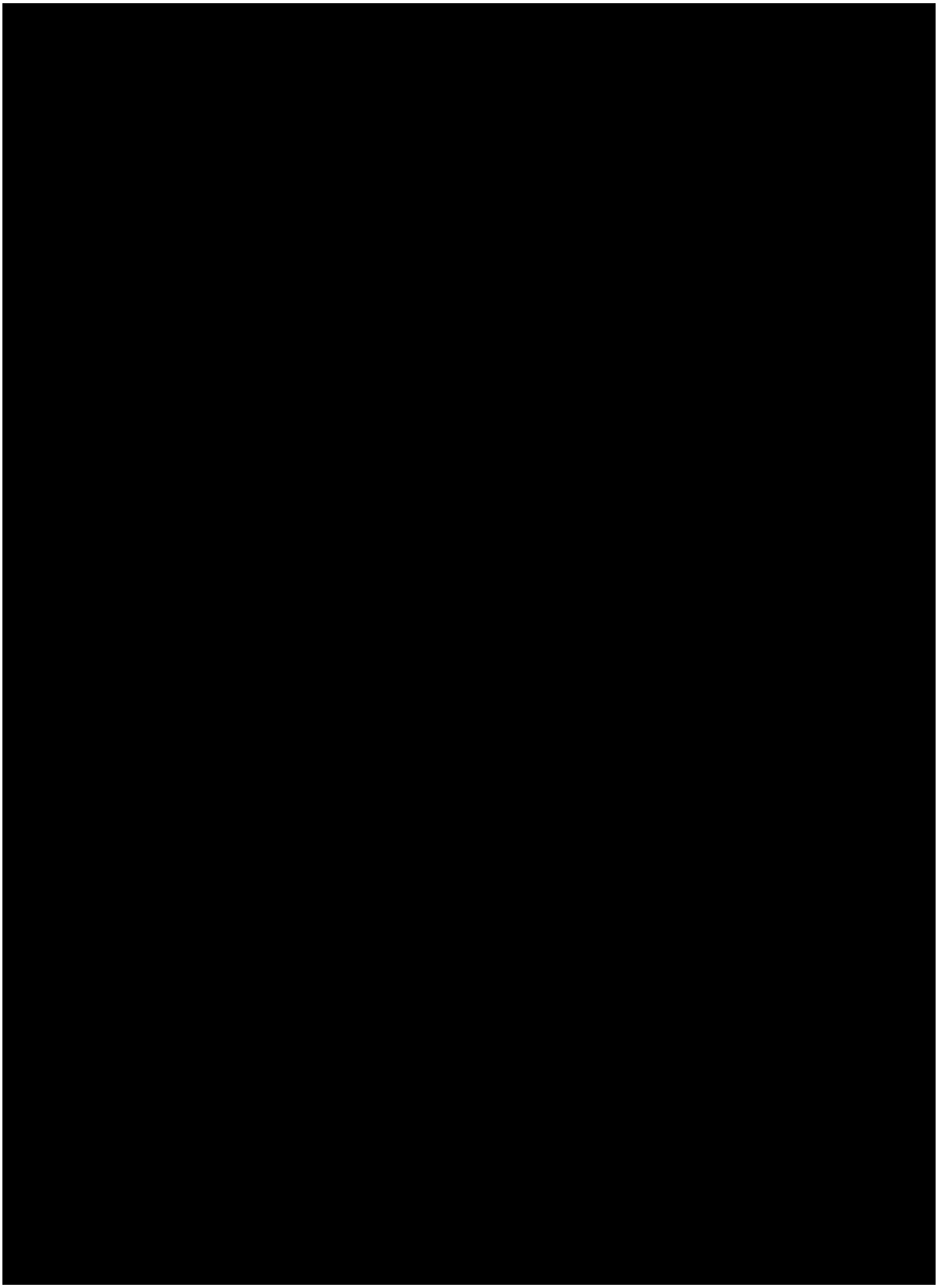
	Preliminary Estimate Summary
Revision Number:	0
Contingency:	0.00%
SubTotal:	$620,205
Contingency Amount:	$0
Estimate:	$620,205
Reimbursement:	$0
Net Amount:	**$620,205**
Description:	

Item Description	CU	[redacted]	Amount
OTHER OTHER Actuals	23-ALL14		$601,305.00
OTHER OTHER Expense	23-ALL14		$18,900.00

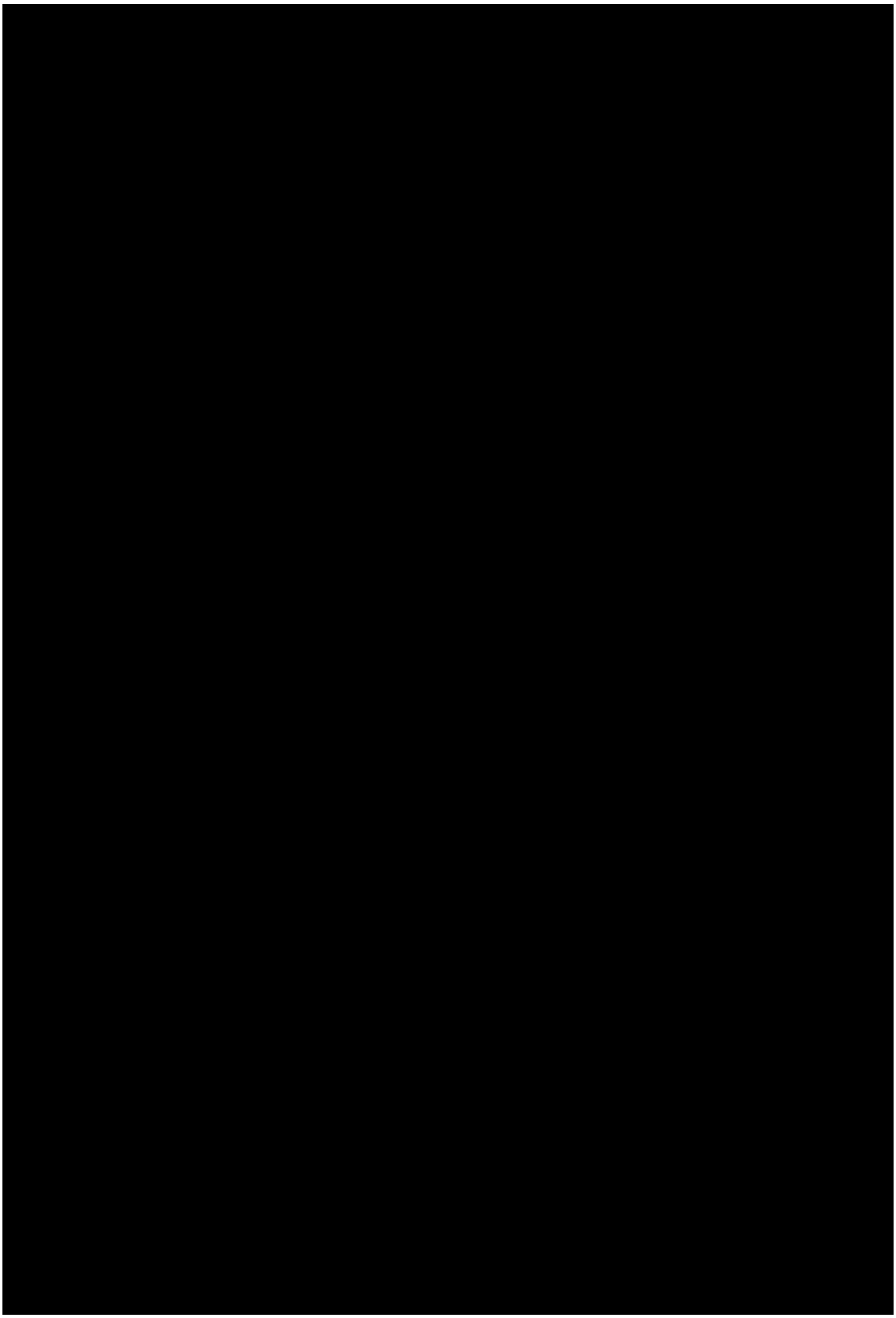
Associated / Impacted Devices

Status	Type / Sy[redacted]	Notes
Existing		
Existing		

Attachment B Geographic Map:



Option 1:



Project Title: Western Division [redacted]	Project Number: CD02636
Date Prepared: 01/09/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** UG CABLE & EQUIPMNT REPLACEMNT
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of 5-year plan?** No
	Emergency Related Request? No
Total Request ($): 30K	**Authorization Type:** Initial Funding

11. Project Need Statement

[redacted] Due to the extent of this work, the total cost has exceeded $500k, requiring a capital project.

Location Information:

Division: Western

District: Stamford

City: Stamford

12. Project Objectives

The initial funding request for this project is to conduct the necessary investigation and to analyze the work performed on the 1G09 feeder during the cable lockout on 11/27/2024.

Project Initiator:__[redacted]_____

Engineering Approval:_____