EVERSOURCE

Project Approval Form

Project Title: [redacted] Repl 1,100 Feet of Failed Getaway Cable	Project Number:CD02524
Date Prepared: 12/01/2024	**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: 12/31/24	
Total Capital Request: $890.2 K	**Authorization Type:** Full Funding

1. Executive Summary

[redacted]

- Division: Central
- District: Cheshire AWC
- City/Town: Newington

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2024	2025	Year 3+	Total
Internal Labor and Construction Equipment	84.5	0.0	0.0	84.5
Outside Services	147.7	0.0	0.0	147.7
Materials	74.5	0.0	0.0	74.5
Removals	72.5	0.0	0.0	72.5
Risk and Contingency	17.5	0.0	0.0	17.5
Other	1.7	0.0	0.0	1.7
Subtotal	**398.4**	**0.0**	**0.0**	**398.4**

Indirect Capital Costs	2024	2025	Year 3+	Total
Indirects/Overheads (including benefits)	488.9	0.0	0.0	488.9
Capitalized interest or AFUDC, if any	3.0	0.0	0.0	3.0
Subtotal	**491.9**	**0.0**	**0.0**	**491.9**
Total Capital Costs (Gross)	**890.2**	**0.0**	**0.0**	**890.3**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net of Reimbursement)	**890.2**	**0.0**	**0.0**	**890.2**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

Outage History

[redacted]

[redacted]

[redacted]

[redacted]

b. Project Need

[redacted]. Another project will be created to replace the remaining cable..

c. Project Scope

The scope of this project is as follows:

[redacted]

Major Material:

- 1,100 feet of 1000 kcmil 1000 Cu 3-1/C cable
- 3 splice boxes
- 1,100 feet 6 inch conduit

4. Alternatives Considered

None, this was an emergent replacement.

Project Option Comparison

[redacted]		
Estimate Type	Full	
Capital Cost	$890.2	
Expense Cost	$27.9K	
Total Cost	$918.1K	
Preferred option	X	

Option 1 replaces 1,100 feet of failed getaway cable.

5. Project Schedule

Add any additional milestones that are pertinent to the project.

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

6. Regulatory Decisions

No

7. Codes and Standards

N/A

8. Risk and Contingencies

Contingencies:

Risk Mitigation:

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2024	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	2024	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2024	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.	2024	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2024	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2024	Medium	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2024	Medium	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
hnological risks olving integration of y technology	2024	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.

Wetlands / Environmentally sensitive area	2024	Low	Use of mats and specialty equipment, only work during certain times of the year.

9. References

References
1. N/A

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

Attachment	Included in Submittal?
A. Geographic Map	*YES*
B. System and Station One-Lines	*YES*
C. Load Summary Sheet	*YES*
D.	*YES*

Attachment "A"

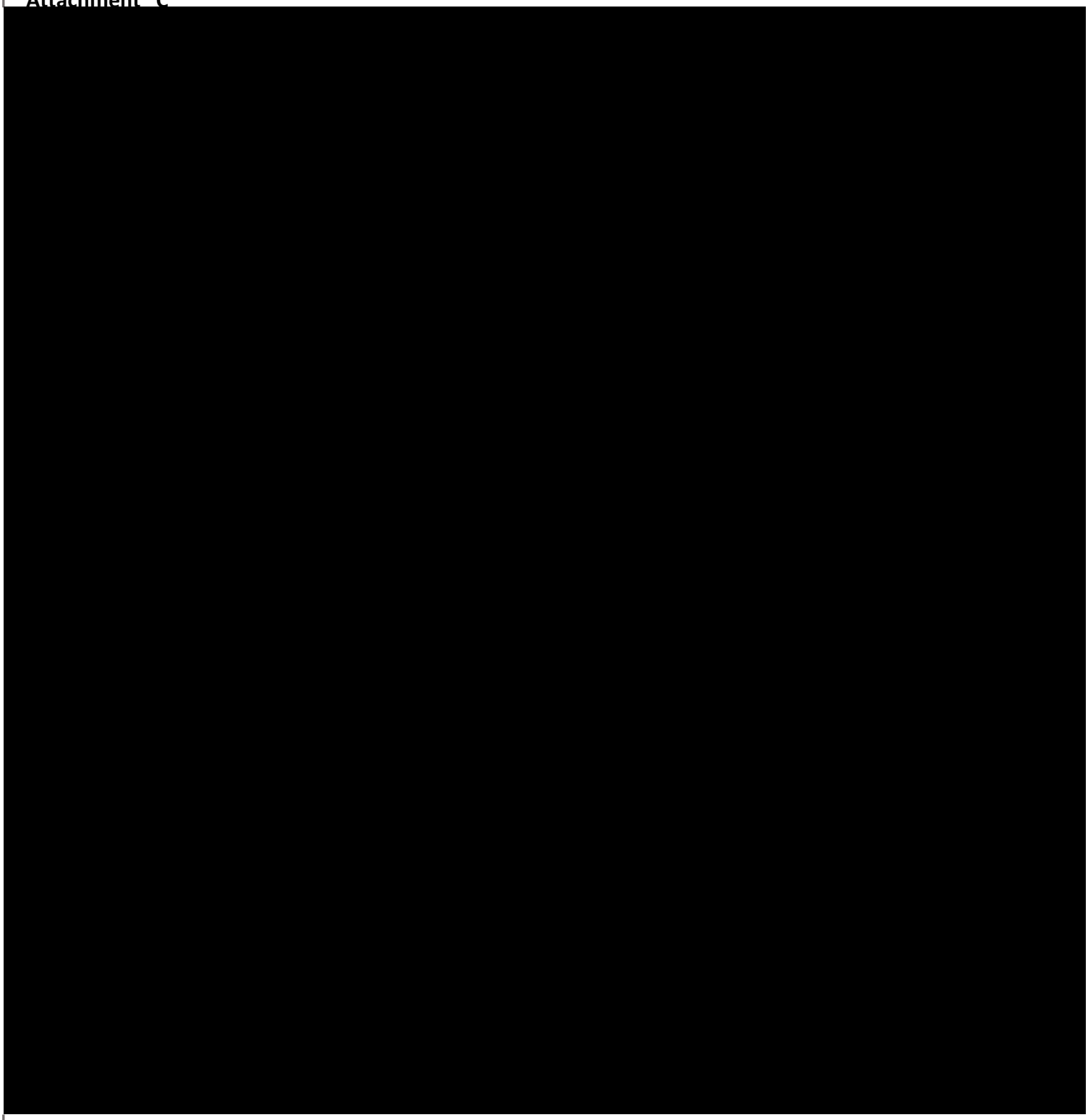
GD02524

[redacted]

Attachment "B"

[redacted]

Attachment "C"



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Project Title: Newington [redacted] Getaway Cable Emergency Replacement	**Project Number: CD02524**
Date Prepared: 10/25/2024	**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

1. Project Need Statement

[redacted]

2. Project Objectives

[redacted]

Project Initiator: [redacted]

Engineering Approval: [redacted]

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