EVERSOURCE

Operations Project Authorization Form

Project Title: CDOT 171-499 UG Dev. [redacted]	**Project Number:** CD02827
Date Prepared: 02/04/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** Line Relocations/Act of Public Authority
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 12/31/2026	**NWS Excludable:** ☒ Yes ☐ No
Total Capital Request: $832.4K (50% Reimbursable)	**Authorization Type:** Full Funding

1. Executive Summary

[redacted]

- 50% of cost of all work is reimbursable by the CTDOT.
- Project Location
  - Division: Central
  - District: Hartford AWC
  - City/Town: E. Granby

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	Year 2026	Total
Direct Capital Costs	26.3	26.3
Internal Labor and Construction Equipment	216.7	216.7
Outside Services	61.5	61.5
Materials	31.3	31.3
Removals	75.7	75.7
Risk and Contingency	0.0	0.0
Other	**411.4**	**411.4**
Subtotal – Direct Costs		
Indirect Capital Costs		
Indirect/Overheads (including benefits)	421.0	421.0
Capitalized interest or AFUDC, if any	0.0	0.0
Subtotal – Indirect Costs	**421.0**	**421.0**
Total Gross Capital Costs	**832.4**	**832.4**
Customer Contribution	**-416.2**	**-416.2**
Total Net Capital Project Costs	**416.2**	**416.2**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

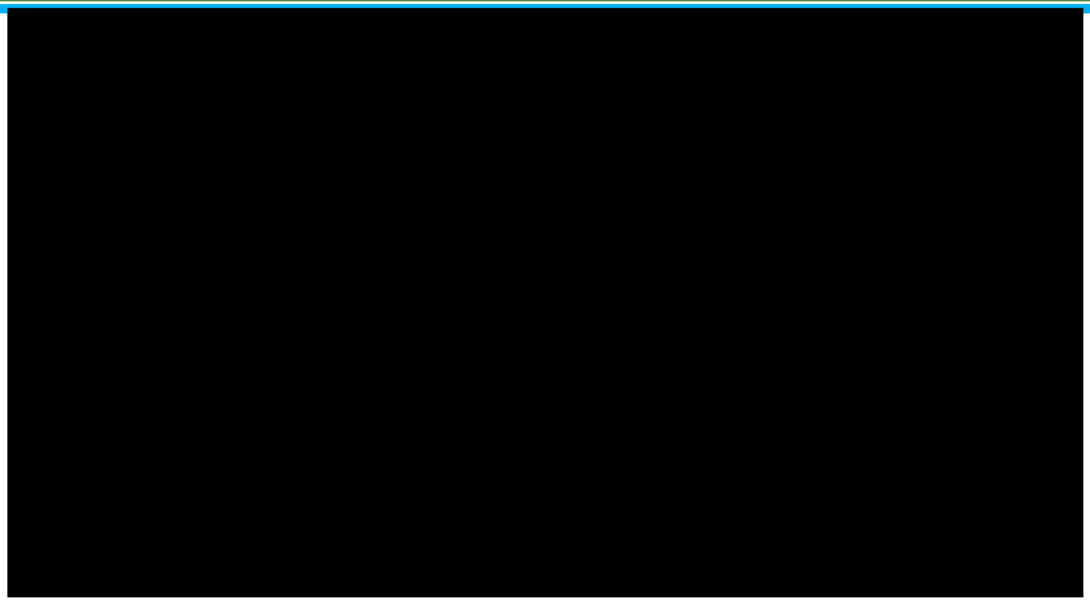
[redacted]

b. Project Need

[redacted]

c. Project Scope

[redacted]



4. Alternatives Considered

NWS Exclusion Criteria (select all that apply)

☐ Project cost < $250k	☐ New Service
☒ CDOT Relocation	☐ Generator interconnection project
☐ Maintenance, Asset condition or safety related*	

Project Option Comparison

Design Criteria	Option
	1 –4-6" Conduits under Bridge
Required to meet project need	
Additional Benefits (not required to meet scope of project)	
Authorization Type	Full
Capital Cost	$862.4K
Expense Cost	$30K
Total Cost	$832.4K
Preferred option	X

Option Summary

Preferred: The preferred option is what was estimated for by detailed design engineering. There is only one option because the design was already completed by detailed design engineering.

Other(s): Project has already gone through detail design engineering and work orders have been written.

5. Project Schedule

Milestone/Phase Name	Estimated Date
100% Detailed Engineering Completion	January 2026
Fully Funded	March 2026
Construction Start	April 2026
In Service Date	December 2026

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.	2026	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	2026	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2026	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.	2026	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2026	Medium	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2026	Medium	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2026	Medium	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	2026	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	2026	Medium	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. Cost Estimate	*YES*
B. Geographic Map	*YES*
C. System and Station One-Lines	*YES*
D. Project Authorization Checklist	*YES*
E. Initial Funding PAF	*YES*

A. Cost Estimate

OH Work – WO 24654099

Estimate Version	Description	Status	Estimate Type	Work Group	Storeroom	Total Cost	Total Deferred	Eversource Labor Cost	Contractor Labor Cost	Labor	Loading Cost	Material Cost In	Total Lobby Stock Cost
2	[redacted]	ACCEPTED	DESIGN	CLPE	BCW	74,192.88	0.00	19,088.64	0.00	19,088.64	42,097.78	13,006.46	3,397.610000

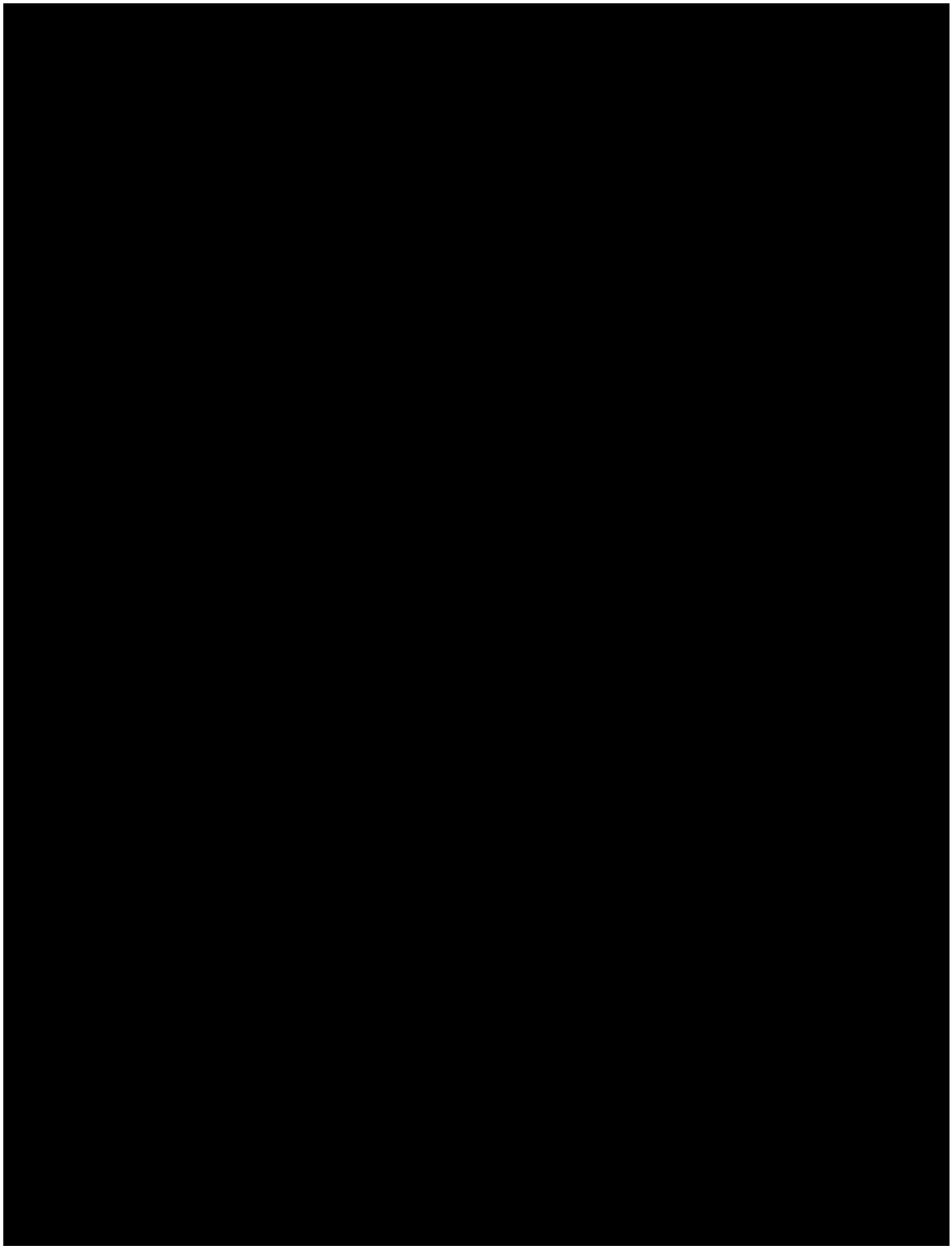
UG Work – WO 24652647

Version	Description	Status	Estimate Type	Work Group	Storeroom	Total Cost	Total Deferred	Eversource Labor Cost	Contractor Labor Cost	Labor	Loading Cost	Material Cost In	Total Lobby Stock Cost
2	[redacted]	ACCEPTED	DESIGN	CLPE	BCW	102,087.78	0.00	14,262.21	0.00	14,262.21	37,183.20	50,642.37	1,007.130000

Civil Work – WO 24652804

Version	Description	Status	Estimate Type	Work Group	Storeroom	Total Cost	Total Deferred	Eversource Labor Cost	Contractor Labor Cost	Labor	Loading Cost	Material Cost In	Total Lobby Stock Cost
3	[redacted]	ACCEPTED	DESIGN	CLPE	BCW	151,052.95	0.00	0.00	38,761.11	38,761.11	72,941.83	14,350.01	872.050000

B. Geographic Maps



C. System and Station One-Line



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D. Project Authorization Checklist

Project Initiator: [redacted]
Project #: CD02827

Project Title: Full funding CDOT 171-499 UG Dev. [redacted]
Funding Type:

☐ Partial PAF ☒ Full PAF

Project Alternatives:

☐ Options considered ☐ Explanation why alternatives were not selected

☐ NWA considered ☒ Explanation why preferred option was selected

Project Requirements (Review all, and check all that apply):
NR = Not Required R=Required C = Complete

NR	R	C		NR	R	C	
☒	☐	☐	Easement	☒	☐	☐	TD007
☒	☐	☐	Trimming Estimate Received	☒	☐	☐	ROW trimming Estimate Received
☒	☐	☐	Environmental Review Initiated	☐	☐	☒	Review with Operations
☒	☐	☐	Permits (state roads)	☒	☐	☐	Underground permits
☒	☐	☐	P&C Settings	☒	☐	☐	Material long lead
☒	☐	☐	Synergi load flow	☒	☐	☐	Verify if Out-Of-Phase Tie Condition
☒	☐	☐	Add to Step Load Tracker (New Service or Load Transfer)	☒	☐	☐	TD914 Network Procedure Updated
☒	☐	☐	Network Contingency Plan Updated				

PAF Documents Attached:

☒ One Lines ☒ Geographical Map ☐ Load Projections ☒ Estimates

☐ Other Documents (List):

PAF Review Complete:

☒ Lead Reviewed by: [redacted] Date: **2/13/26**

☐ Manager Reviewed by: [redacted] Date: _____

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E. Initial Funding PAF

Project Title: CDOT 171-499 UG Dev. [redacted]	**Project Number:** CD02827
Date Prepared: 01/28/2026	**Company:** Eversource CT
Organization: Distribution Engineering	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Line Relocations/Act of Public Authority
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsors: [redacted]	**Capital Investment part of 5-year plan?** Yes
	Emergency Related Request? No
Total Request: $30K	**Authorization Type:** Initial Funding

1. Project Need Statement

Project CD02827 is established for compliance with CDOT state highway requirements. An Aerial cable crossing under a state bridge must be relocated.

- Project Location:
  - Division: Central
  - District: Hartford AWC
  - Town: East Granby

2. Project Objective

To relocate an aerial cable under a state bridge per CDOT requirements.

Project Initiator:___[redacted]_____

Engineering Approval [redacted] _____