EVERSOURCE

Project Approval Form

Project Title: [redacted] Replacement - [redacted]	**Project Number:** CD01480
Date Prepared: 05/12/2024	**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: 12/31/2023	
Total Capital Request: $174.3K	**Authorization Type:** Full Funding

1. Executive Summary

Full funding is now being requested for this project at a cost of $174.3K which is 59% of the Original capital estimate of $297K. There is a reduced scope from the initial estimate. The new scope involves [redacted] resulted in the delay.

[redacted]. As such, Eversource's relocation cost is non-reimbursable by the city of Stamford as stated in item #6 of Eversource's Guidelines for Cost Reimbursement for Utility Relocations (see attachment 'Utility Relocation Cost Memo' in the References section of this document).

Location Information:

Division: Western
District: Stamford
City: Stamford

2. Project Cost Summary

Note: Dollar values are in thousands.

Capital Costs	2020	2021	2022	2023	2024	Total
Internal Labor and Construction Equipment	0.1	0.0	0.6	3.9	0.1	4.8
Outside Services	1.9	0.0	10.5	66.0	2.4	80.8
Materials	0.0	0.0	0.1	0.6	0.0	0.7
Removals	0.2	0.0	0.9	5.8	0.5	7.4
Risk and Contingency	0.0	0.0	0.0	0.0	3.4	3.4
Other	0.0	0.0	0.0	0.1	0.0	0.1
Subtotal	**2.2**	**0.0**	**12.2**	**76.3**	**6.4**	**97.1**

Indirect Capital Costs	2020	2021	2022	2023	2024	Total
Indirects/Overheads (including benefits)	3.4	0.0	13.0	52.3	2.5	71.2
Capitalized interest or AFUDC, if any	0.3	0.0	0.9	2.6	2.2	6.0
Subtotal	**3.7**	**0.0**	**14.0**	**54.8**	**4.7**	**77.2**
Total Capital Costs (Gross)	**5.9**	**0.0**	**26.1**	**131.1**	**11.2**	**174.3**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net of Reimbursement)	**5.9**	**0.0**	**26.1**	**131.1**	**11.2**	**174.3**

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]

b. Project Need

[redacted]

c. Project Scope

[redacted]

Majo

- New 5" X 10" Manhole
- New Hex-hole

4. Alternatives Considered

Project is a compliance obligation - no alternatives considered - no financial benefit

5. Project Schedule

Milestone/Phase Name	Estimated Date
100% Detailed Engineering Completion	December 2022
Construction Start	January 2023
Testing / Commissioning	November 2023
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.	2023	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	2023	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2023	High	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.

Storm delays	2023	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2023	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.

9. References

N/A

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

Attachment	Included in Submittal?
A. Original total Cost Summary (Capital + Exoense)	*YES*
B. Utility Relocation Cost	*YES*
C. High Level Sketch	*YES*
D. Site Location Map	*YES*
E. UG Structure	*Yes*
F. Partial Funded PAF	*YES*

Attachment A: Initial Total Cost Summary

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$253,510
Contingency Amount:	$70,983
Estimate:	$324,493
Reimbursement:	$0
Net Amount:	**$324,493**
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-A_L18	[redacted]		$25,000.00
UG CABLE UG - Cable Removal - all cables	16-UG117			$3,000.00
CONDUIT UG-Ductline-up to 12 duct - Traveled Way / Paved	16-UG137			$111,044.00
ENCLOSURE UG - MANHOLE - Precast	16-UG139			$62,986.40
UG CABLE UG - Copper Secondary in Conduit	16-UG153			$6,480.00
OTHER OTHER Miscellaneous OH work to remove pole and refeed streetlights	16-A_L14			$20,000.00
OTHER OTHER Suspend ducts under the new bridge	16-A_L14			$25,000.00

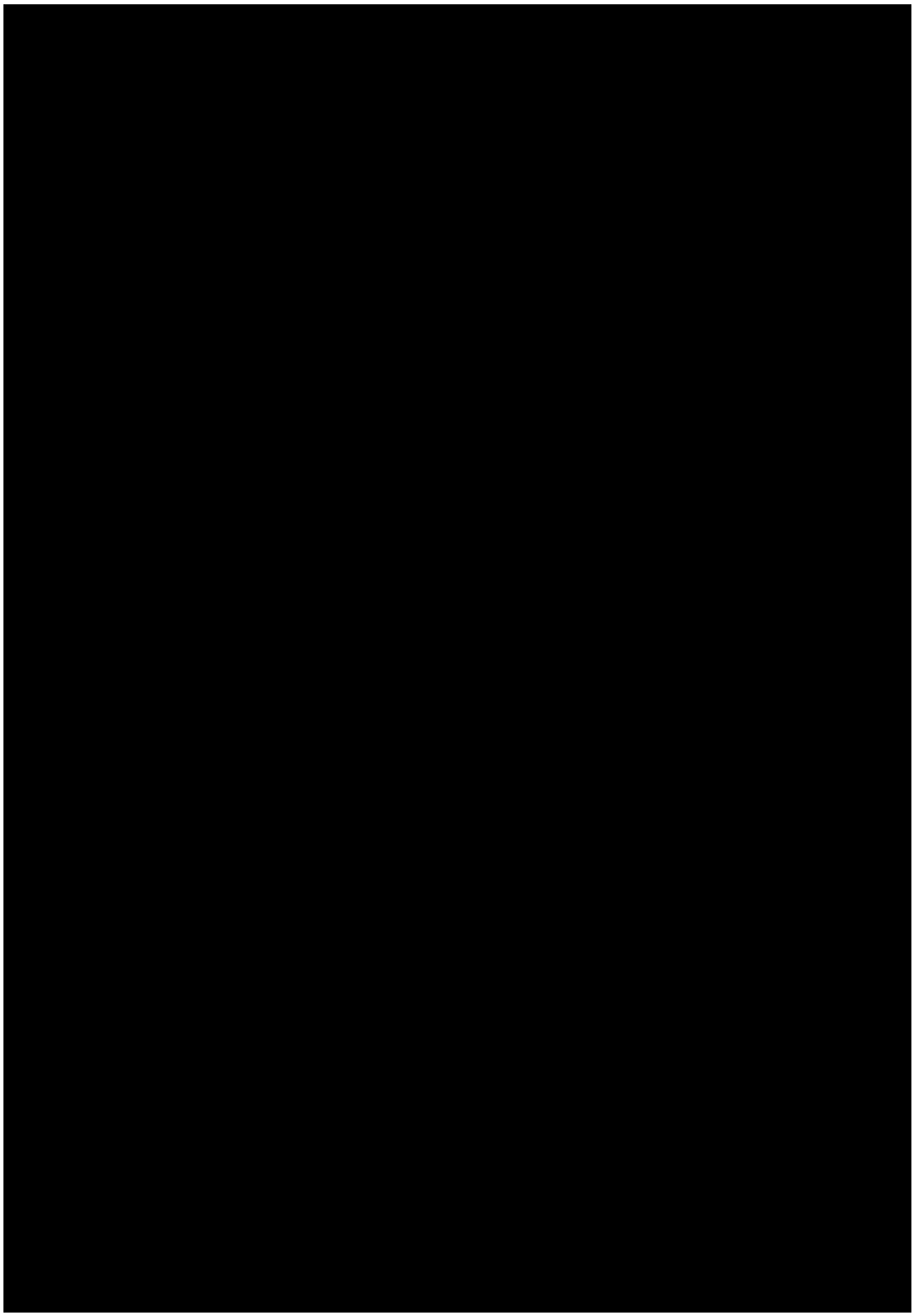
Attachment B: Utility Relocation Cost

Updated: 12/29/18: Eversource CT: Guidelines For Cost Reimbursement For Utility Relocations

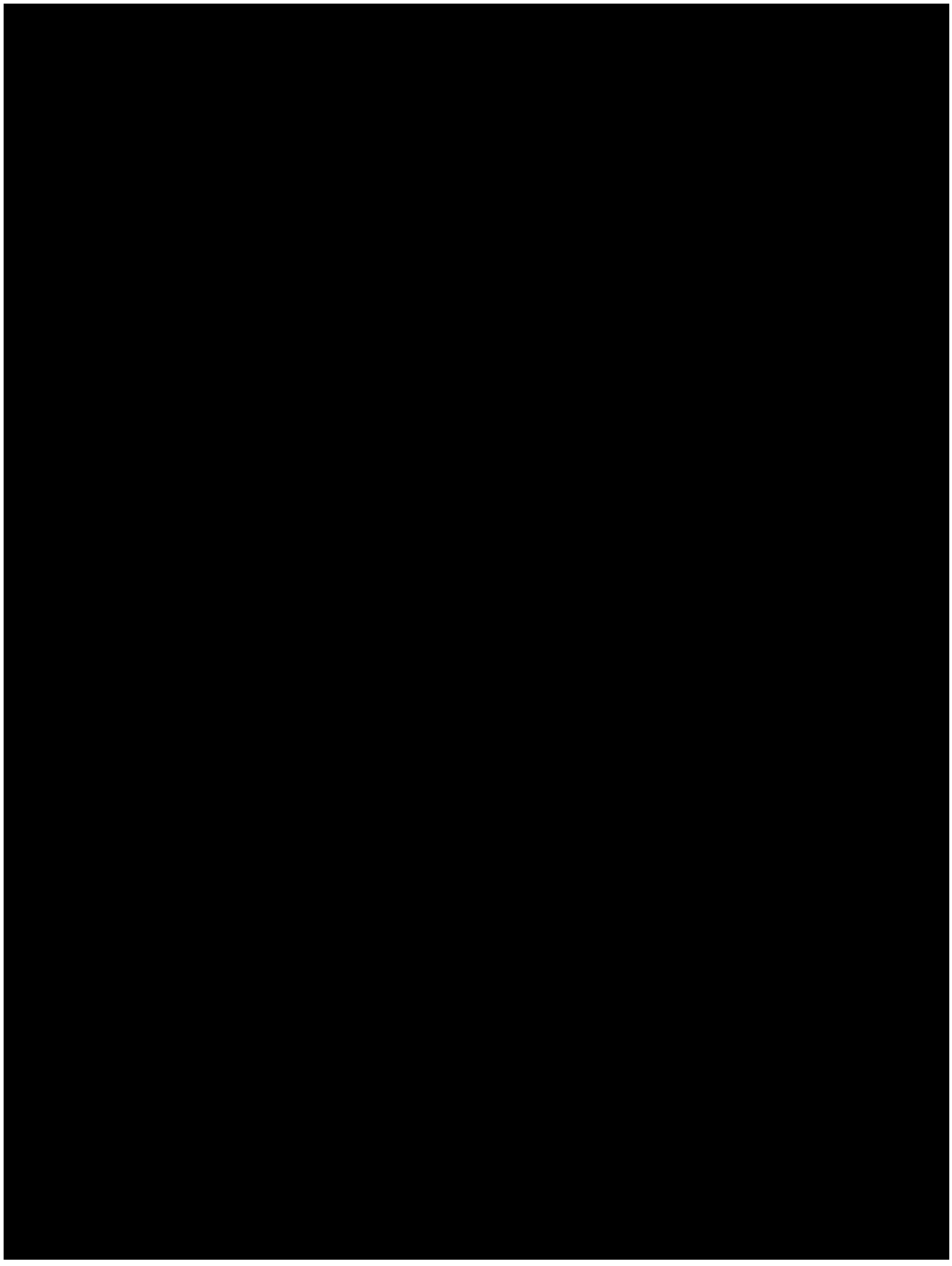
#	Trigger Project	Utility Co.'s Share of Relocation Cost	Laws
1	State Roadway Projects	• Utility Co. pays 50% • Applies whenever utilities abutting or in a "state highway or any other public highway" must be relocated because of "the construction or reconstruction of a state highway". • DOT is obligated to design the project in a manner that minimizes costs to DOT and Eversource • If DOT and Eversource cannot agree on location of the relocated equipment, Commissioners of DOT & PURA resolve the dispute • If DOT and Eversource cannot agree on allocation of the costs for the relocation work, then either may file claim in court. • But C.G.S. § 13a-126a states Utility Co. pays 0% for any utility relocations requested by DOT for "aesthetic" reasons	• C.G.S. § 13a-126 • C.G.S. § 13a-126a
2	Rail Facility Projects	•Utility Co. pays 100% •Applies when DOT orders a Utility Co. to relocate utility equipment on or in a rail structure or road abutting a rail structure • *But Utility Co. entitled to 50% reimbursement for relocation of facilities abutting or on state highways or any other public highway when triggered by DOT's construction or reconstruction of a state highway*	C.G.S. § 13b-283(e)
3	Federal Surface Transportation Urban Program Roadway Projects	• Utility Co. pays 100% •Check if the relocation is triggered by a "federal surface transportation urban program roadway"[1] project • *But Utility Co. entitled to 50% reimbursement for relocation of facilities abutting or on state highways or any other public highway when triggered by DOT's construction or reconstruction of a state highway*	C.G.S. § 13a-98f
4	State Flood Control Projects	•Utility Co. pays 0% •Applies whenever the construction of any flood control project, including its reservoirs, for which the State has agreed to provide the necessary lands, easements and rights-of-way, requires the readjustment, relocation or removal of utility equipment	C.G.S. § 25-83a
5	Municipal Redevelopment Authority Projects	Utility Co. pays 50%	C.G.S. § 8-133a
6	All Other Municipal Projects	• Betterments:[2] Utility Co. pays 0% • "Proprietary" Projects:[3] Utility Co. pays 0% • Sewer or Pollution Abatement Projects:[4] Utility Co. pays 0% • All Other Municipal Projects that Require Utility Relocations: 1st Relocation: Utility Co. pays 100% 2nd Relocation during Course of Exact Same Project: Utility Co. pays 0%	See footnotes

[1] "Federal surface transportation urban program roadway or facility" means "any state or locally maintained roadway or facility that is deemed eligible for surface transportation urban program funding in accordance with the Transportation Equity Act for the 21st Century, all amendments to said act and all applicable federal regulations". C.G.S § 13a-98m.
[2] An example of a "betterment" would be if a municipality wanted existing above-ground utilities installed underground or relocated to a different location for aesthetic reasons, or to enhance recreational or community use of the area. PURA's Sep. 18, 2013 decision in Docket No. 13-03-11 states that a "municipality does not have the authority to order . . . betterments to the system and thus shift that cost to the utility, ***unless the betterment is proven to be in the public interest of utility ratepayers***."[2] Additionally, PURA's June 26, 1991 decision in Docket No. 86-02-14 concluded that – unless a municipality could demonstrate to PURA that a betterment provided "a direct benefit to . . . utilities or their ratepayers, or that a public necessity exits for" the betterment – then the municipality was solely responsible for the cost of the betterment.[2]
[3] PURA's Dec. 12, 1990 letter order in Docket No. 90-03-21 states that the term "proprietary" means that the utility relocation work is being performed for the benefit of a specific business, commercial development project or customer, and the work is not being performed for the overall safety and welfare of the general public. For example, road widenings for construction of a new or upgraded shopping plaza are "proprietary" and the associated utility relocation work must be paid for 100% by the developer and/or the municipality.
[4] Whenever a municipality obtains funding from the State to pay for any portion of the cost to construct or reconstruct sewers or pollution abatement facilities, C.G.S. § 22a-470 requires it to provide 100% reimbursement to a Utility Company to relocate its utility facilities, subject to a deduction for salvage value and depreciation.

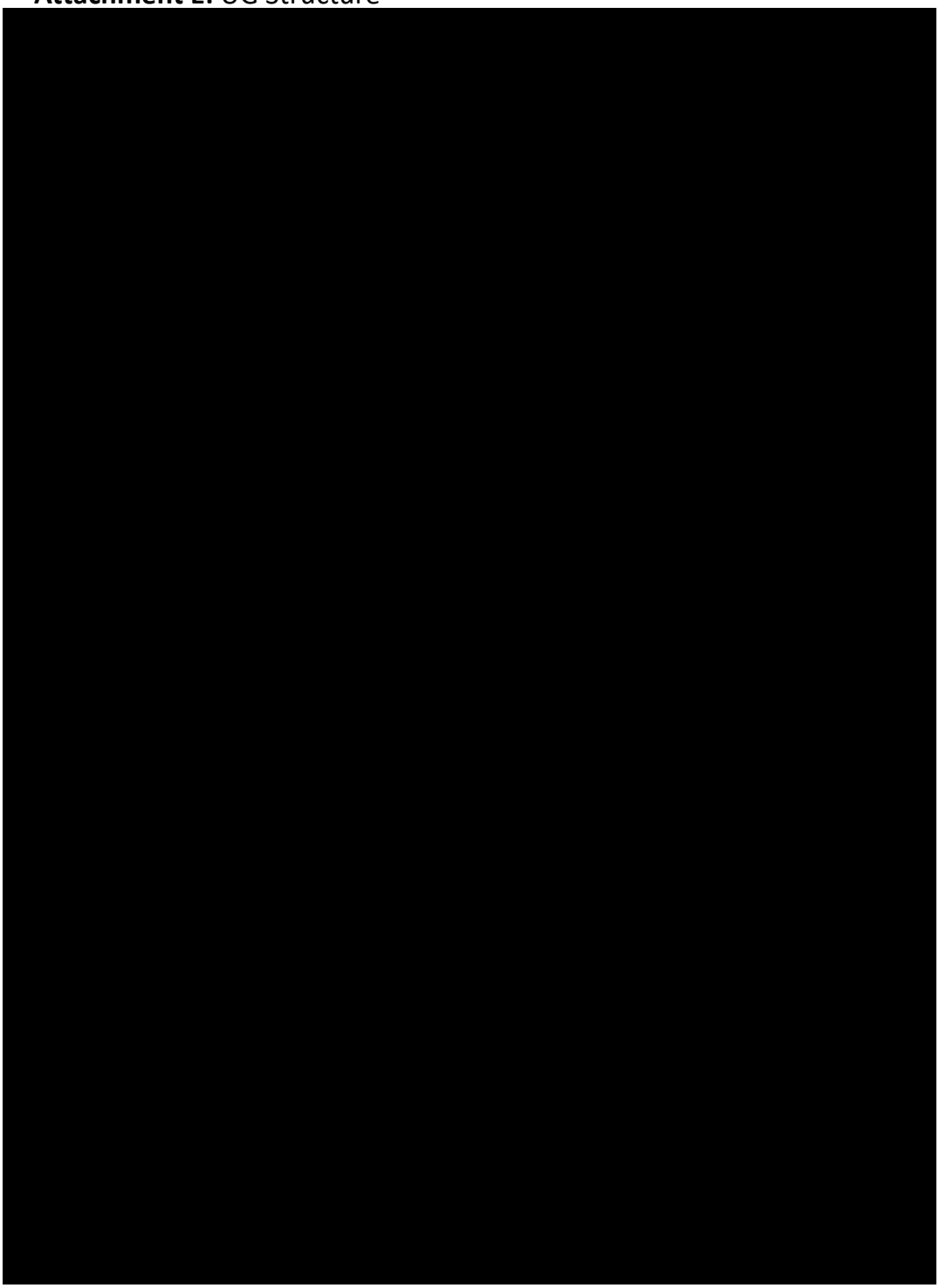
Attachment C: High Level Sketch



Attachment D: Site Location Map



Attachment E: UG Structure



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Attachment F: Partial Funded PAF:

Operations Project Authorization Form

Date Prepared: 01/03/2020	**Project Title: [redacted] Replacement in Stamford**
Company/ies: Eversource CT	**Project ID Number: CD01480**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: UG Relocation by City of Stamford**
Project Sponsor: [redacted]	**Project Purpose: Relocate facilities**
Estimated in service date: 12/31/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan? Yes**
Authorization Type: Preliminary	**O&M Expenses Part of the Original Operating Plan? Yes**
Total Request: $324,493 (Non-reimbursable)	**Authorization Type:** Partial Funding

Financial Requirements:

Project Authorization
ERM: _____

FP&A: _____

Executive Summary

[redacted]. Preliminary approval is being requested to fund this project at a cost of $324,494 to be constructed in 2021.

[redacted]. As such, Eversource's relocation cost is non-reimbursable by the city of Stamford as stated in item #6 of Eversource's Guidelines For Cost Reimbursement for Utility Relocations (see attachment 'Utility Relocation Cost Memo' in the References section of this document).

Project Costs Summary

	Prior Authorized	2021	2022	2023+	Totals
Capital Additions - Direct	$0	$154,252	$0	$0	$154,252
Less Customer Contribution	$0	$0	$0	$0	$0

Removals net of Salvage ____%	$0	$17,208	$0	$0	$17,208
Total - Direct Spending	$0	$171,460	$0	$0	$171,460
Capital Additions - Indirect	$0	$118,618	$0	$0	$118,618
Subtotal Request	$0	$290,077	$0	$0	$290,077
AFUDC	$0	$6,954	$0	$0	$6,954
Total Capital Request	$0	$297,031	$0	$0	$297,031
O&M	$0	$27,462	$0	$0	$27,462
Total Request	$0	$324,493	$0	$0	$324,493

Financial Evaluation

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$25,632	$0	$0	$25,632
Overtime Labor	$4,155	$0	$0	$4,155
Outside Services	$94,325	$0	$0	$94,325
Materials	$47,348	$0	$0	$47,348
Other, including contingency amounts (describe)	$0	$0	$0	$0
Total Direct Costs	**$171,460**	**$0**	**$0**	**$171,460**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$118,618	$0	$0	$118,618
Capitalized interest or AFUDC, if any	$6,352	$0	$0	$6,352
Total Indirect Costs	**$124,970**	**$0**	**$0**	**$124,970**
Total Capital Costs	**$296,430**	**$0**	**$0**	**$296,430**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$296,430**	**$0**	**$0**	**$296,430**
Total O&M Project Costs	**$28,063**	**$0**	**$0**	**$28,063**
Total Project Cost	**$ 324,493**	**$ -**	**$ -**	**$ 324,493**

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Technical Justification:

Project Need Statement

[redacted]

Project Objectives

[redacted]

Project Scope

[redacted]

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted]

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
New conduits within the [redacted]	10/1/21
New manhole on [redacted]	11/15/21
New conduits installed on [redacted]	12/01/21

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Milestone/Phase Name	Estimated Completion Date
Secondary cables upgraded	1230/21

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.	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
Internal construction resources not available to perform the work.	2021	High	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 forced to use external resources.
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

[redacted] Layout.p

high level sketch.pdf

Utility relocation cost memo.pdf

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

Site Location Map.pdf

[redacted]_1.pdf

[redacted]t_3.pdf

CD01480_project_needs_statement.pdf