Supplement Request Form

Date Prepared: 02/20/2019	Project Title: Retire [redacted] ROW
Company/Companies: CL+P	Project ID Number: CD00579
Organization: CT Field Operations	Plant Class/(F.P.Type): Distribution
Project Initiator: [redacted]	Project Type: Specific
Project Owner/Manager: [redacted]	Project Category: Right of Way Lines
Project Sponsor: [redacted]	Project purpose: System Resiliency
Current Authorized Amount: $1,281K	Estimated in service date(s): 12/31/2019
Supplement Request: $2,890K	
Total Request: $4,171K	

Project Authorization Supplement Justification

This request is for supplemental funding in the amount of $4,171K for the completion of the elimination of the [redacted] right of way and removal of the [redacted] infrastructure. The project removes obsolete/decaying infrastructure in an approximate six mile right of way. Due to a structure failure and emergent repairs in 2018 (discussed below), this project is estimated to be completed in 2019. By eliminating the right of way, future environmental impacts and potential accessibility problems can be avoided and eliminated.

Project Need Statement *(Description of Issue)*

[redacted] is one of the approved projects in the substation flood mitigation program. Several projects have been approved to remove this substation. Once this [redacted] is removed, the [redacted] in the [redacted] ROW are no longer needed. The cost of retiring [redacted] substation is spread between the Substation Flood Mitigation and the right-of-way enhancement programs.

Primary Reasons for Increase in Funding

Project CD00579 was the last resiliency project associated with the removal of [redacted]. In fall of 2017, a portion of the ROW (phase 1, from Rte. 139 to Red Hill Rd in Branford) was released for competitive bids. Elecnor Hawkeye was the successful low bidder. In June 2018, a partial structure failure (south of Rte. 95) resulted in wires impeding the flow of traffic on Rte. 95. Asplundh Construction made safe over Rte. 95, removing 10 wires and stabilizing the structure just North of Rte. 95. In addition, the structure failure resulted in four additional structures South of Rte. 95 to fail (two completely and two partially). The additional work resulting from the structural failures was not part of the original design estimate of the project that was approved in October

2016. As a result, there were additional costs incurred for the emergent repair and delay of project.

Prior to 2018, expenditures of $214,509 relating to the following:

- Engineering
- Environmental Mapping
- Consulting work (Burns & McDonnel)

2018 Expenditures related to the following:

- Environmental Mapping - $54,254 (All Points, Tighe & Bond)
- Community Outreach - $2,674 (Watkins Strategy)
- Emergency Repair/ Make Safe - $66,147 (Asplundh Construction)
- Civil Work - $3,359 (McAllen Construction, drilling for rock anchors. OOS work for the structures that failed)
- Construction Oversight - $80,324 (BHI Energy Power)
- Construction - $1,292,808, Elecnor Hawkeye (includes Lump Sum payments, OOS work for additional failed structures, OOS additional work at Rte. 139 & switching delays.

Project Authorization Supplement Cost Summary

Supplement (dollars in thousands)

	Prior Authorized	Supplemental Request	Total	Total excl Cust Cont
Capital Additions - Direct	$ 769	$ 960	$1,729	$ 1,729
Less Customer Contribution	-	-	-	-
Removals new of Salvage _____%	-	-	-	-
Total Direct Spending	$ 769	$ 960	$1,729	$ 1,729
Capital Additions - Indirect	512	697	1,210	1,210
AFUDC	-	-	-	-
Total Capital Request	$ 1,281	$ 1,657	$2,938	$ 2,938
O&M	-	-	-	-
Total Request	**$ 1,281**	**$ 1,657**	**$2,938**	**$ 2,938**

Total Supplement Request by year view:

	Prior/2018	2019	2020	Total
Capital Additions - Direct	$ 1,729	$ 757	$ -	$ 2,485
Less Customer Contribution	-	-	-	-
Removals new of Salvage _____%	-	-	-	-
Total Direct Spending	$ 1,729	$ 757	$ -	$ 2,485
Capital Additions - Indirect	1,210	476	-	1,686
AFUDC	-	-	-	-
Total Capital Request	$ 2,938	$ 1,233	$ -	$ 4,171
O&M	-	-	-	-
Total Request	**$ 2,938**	**$ 1,233**	**$ -**	**$ 4,171**