Supplement Request Form

Date Prepared: 02/12/2019	Project Title: Bridge Cable Replacement – Multiple Locations
Company/Companies: CL+P	Project ID Number: CD00904
Organization: CT Field Operations	Plant Class/(F.P.Type): Distribution
Project Initiator: [redacted]	Project Type: Specific
Project Owner/Manager: [redacted]	Project Category: UG Cable & Equipment Replacement
Project Sponsor: [redacted]	Project purpose: System Reliability/Network Reliability
Current Authorized Amount: $257K	Estimated in service date(s): 12/31/2018
Supplement Request: $208K	
Total Request: $465K	

Project Authorization Supplement Justification

This request is for supplemental funding in the amount of $208K for the completion of a bridge cable replacement project that require shifting of multiple bridge cables due to the System Resiliency highway crossing program. Aerial cable wires will be replaced with underground cable under I-395. This improvement will provide electrical hardening and improved reliability for several thousand customers.

Project Need Statement *(Description of Issue)*

When I-395 was created in 1960 any location with a road going under I-395 had aerial cable installed. This cable is now 57+ years old. When the Rood Rd, Griswold, aerial cable was shifted in 2003 it began to track and created many momentary calls. The reshaped bend of the aerial cable had begun to track and would soon fail. The cable was replaced with UG cable. The aerial cable on Lathrop Rd, Plainfield, under I-395 did experience 2 outages and has been replaced with underground cable. The aerial cable along I-395 is reaching its useful life.

[redacted]

[redacted]

Primary Reasons for Increase in Funding

The planned transfer of the OH lines to new OH Disconnect by operations was not completed on schedule. The project was delayed due to the overhead no being transferred to the new pole. This added in additional underground contractor labor costs.

The planned cutover for work in Danielson had to be completed on overtime on a Saturday. A momentary outage was required to lift taps due to lack of disconnects on the aerial cable. This required the use of additional overhead and underground contractors. As a result, there were additional costs incurred for:

1. Overhead contractor expenses
2. Underground contractor expenses
3. Overtime

Project Authorization Supplement Cost Summary

Supplement (dollars in thousands)

	Prior Authorized	Supplemental Request	Total	Total excl Cust Cont
Capital Additions - Direct	$ 154	$ 131	$ 285	$ 285
Less Customer Contribution	-	-	-	-
Removals new of Salvage _____%	-	-	-	-
Total Direct Spending	$ 154	$ 131	$ 285	$ 285
Capital Additions - Indirect	103	77	180	180
AFUDC	-	-	-	-
Total Capital Request	$ 257	$ 208	$ 465	$ 465
O&M	-	-	-	-
Total Request	**$ 257**	**$ 208**	**$ 465**	**$ 465**

Total Supplement Request by year view:

	Prior/2018	2019	2020	Total
Capital Additions - Direct	$ 285	$ -	$ -	$ 285
Less Customer Contribution	-	-	-	-
Removals new of Salvage _____%	-	-	-	-
Total Direct Spending	$ 285	$ -	$ -	$ 285
Capital Additions - Indirect	180	-	-	180
AFUDC	-	-	-	-
Total Capital Request	$ 465	$ -	$ -	$ 465
O&M	-	-	-	-
Total Request	**$ 465**	**$ -**	**$ -**	**$ 465**