



56 Prospect Street
P.O. Box 270
Hartford, CT 06141-0270

Kathleen M. Shanley
Manager – Transmission Siting
Tel: 860-728-4527

December 4, 2019

Ms. Melanie Bachman, Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: *Docket No. 461A: Greenwich Substation and Line Project
Monthly Construction Progress Report –November 2019*

Dear Ms. Bachman:

Pursuant to the Rules of Connecticut State Agencies (RCSA) Section 16-50j-62(b)(3) and as described in Section F.3 of the Greenwich Substation and Line Project (GSLP, Project) Development and Management (D&M) Plans (D&M Plan Volume 1-Part 1 Cos Cob Substation Modifications; Volume 1 – Part 2B Greenwich Substation Construction; and Volume 2 - Part 1 115-kilovolt [kV] Double Circuit Underground Transmission Line), The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) hereby provides to the Connecticut Siting Council (Council) this Project Construction Progress Report for the month of November 2019.

This Construction Progress Report pertains to work at Cos Cob Substation, the construction of the Greenwich Substation, and the construction of the 115-kV double circuit transmission line.

Should you have any questions regarding this D&M Plan change request, please do not hesitate to contact me at via e-mail at kathleen.shanley@eversource.com or telephone at (860) 728-4527.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley". The signature is fluid and cursive, with a large loop at the end.

Kathleen M. Shanley

Enclosure

**DOCKET NO. 461A
GREENWICH SUBSTATION AND LINE PROJECT
MONTHLY CONSTRUCTION PROGRESS REPORT
NOVEMBER 2019**

1. COS COB SUBSTATION

Restoration activities associated with the substation modifications are complete. All substation modifications are finished, except for the replacement of certain switches to connect the new 115-kV lines. This work will be performed in the first quarter of 2020. Table 1 in Attachment 1 summarizes the status of the substation work as of November 30, 2019.

2. GREENWICH SUBSTATION

Substation construction activities included the delivery and installation of the two transformers (November 6-7), as well as continued work on drilling the perimeter wall and other equipment foundations. Concrete pours for the distribution switchgear facility and control enclosure were performed on November 19 and 26, respectively. In addition, one of the transformers was filled.

Rebar cages (forms) continued to be prepared for use in pouring the foundations; this work was performed on part of the 281 Railroad Avenue contractor yard (located across the street from the substation). In addition, one panel of the planned perimeter wall was installed along the southwestern boundary of the substation site, facing Field Point Road. Based on the review of this wall section, Town of Greenwich representatives endorsed the final look of the perimeter wall.

Table 2 in Attachment 1 summarizes the status of the substation construction as of November 30, 2019.

3. 115-kV DOUBLE CIRCUIT UNDERGROUND TRANSMISSION LINE

For the double-circuit transmission line, construction activities included continued trenching (with rock removal) within Indian Field Road and Museum Drive, as well as vault and duct bank/cable installation. Construction work (rock removal, trenching, duct bank installation) also continued within Bruce Park along both Wood Road and Bruce Park Drive.

Most of the affected road shoulder area along Sound Shore Drive has been effectively restored and revegetated with grass and temporary erosion and sedimentation controls were removed from restored areas. Slopes leading to Sound Shore Drive from Vault 1A (for the 1703 Line) and from Sound Shore Drive (east) to the Cos Cob train station parking lot were stabilized with erosion control netting embedded with seed. The sidewalk and curb cuts near the eastern Sound Shore Drive crossing also were replaced. Further, the 1703 Line duct bank exit from Cos Cob Substation to Vault 1A was completed and the areas affected (all within the substation) restored with gravel.

Vaults 5A/5B, located along Arch Street, also were installed and the areas affected by construction have been restored (temporary asphalt patch in road and erosion control netting in grassed area near sidewalk).

For the Interstate 95 crossing, jacking continued from the pit on the south side of I-95 (adjacent to the northbound Exit 4 on-ramp) toward the receiving pit on the northern side of the interstate. Jacking has been completed for approximately 50% of the route beneath the highway.

Table 3 in Attachment 1 summarizes the status of the transmission line work as of November 30, 2019.

DEVELOPMENT AND MANAGEMENT PLAN MINOR CHANGES:

None during this period.

ATTACHMENT 1

**Table 1
Cos Cob Substation: Construction Progress (November 30, 2019)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration
5/12/2018	100%	100%	100%	99%*	99%*	100%

(*Note: In the first quarter of 2020, work will be performed within the substation to replace switches as needed to tie in the new 115-kV 1020 and 1703 Lines. This work will require outages.)

**Table 2
Greenwich Substation: Construction Progress (November 30, 2019)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration
7/15/2019	95%	70%	0%	10%	0%	0%

**Table 3
Underground Transmission Line: Construction Progress (November 30, 2019)**

Project Activity (% Complete)							
Construction Start Date	Site Survey / Preliminary Construction Activities	Duct Bank Installation	Vault Installation	Cable Installation	Initial Off-Road and Road Restoration	Testing / Energization	Final Restoration
2/14/2019	80%	35%	100%	0%	15%	0%	5%