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September 3, 2020

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 –August 2020*

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 (refer to D&M Plan Volume 1 – Part 2B Greenwich Substation Construction; Volume 2 - Part 1 115-kilovolt [kV] Double Circuit Underground Transmission Lines; and Volume 2 – Part 2 115-kV Double Circuit Underground Transmission Lines Indian Harbor Crossing), 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 August 2020.

This Monthly Construction Progress Report pertains to the construction of the Greenwich Substation and the 115-kV double circuit transmission line, including the Indian Harbor pedestrian bridge crossing.

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](mailto:kathleen.shanley@eversource.com) or telephone at (860) 728-4527.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", written in a cursive style.

Kathleen M. Shanley

Enclosure

**DOCKET NO. 461A  
GREENWICH SUBSTATION AND LINE PROJECT  
MONTHLY CONSTRUCTION PROGRESS REPORT  
AUGUST 2020**

**1. GREENWICH SUBSTATION CONSTRUCTION**

Construction activities involved the continuation of work on above-ground and electrical equipment within the substation, including testing. In addition, the two new 115-kV cables were connected to the substation. Table 1 in Attachment 1 summarizes the status of the substation construction as of August 31, 2020.

**2. 115-kV DOUBLE CIRCUIT UNDERGROUND TRANSMISSION LINE**

The two new 115-kV cables were installed from Vault 5, through Vault 6, to terminations at Greenwich Substation, thereby completing the installation of the new 115-kV lines along the 2.3-mile route from Cos Cob Substation to Greenwich Substation. As part of the installation process, various activities also were performed in the vaults, including splicing and grounding. In addition, fiber was installed within the duct bank between Cos Cob Substation and Greenwich Substation.

Milling and final curb-to-curb repaving was completed along all portions of the GSLP route except for a portion of Davis Avenue near the traffic island, Indian Field Road, Arch Street, and Railroad Avenue. Temporary asphalt patch was installed over the areas of Railroad Avenue affected by trenching/duct bank installation. Restoration (regrading, topsoil, seed, mulch) was performed along Sound Shore Drive, near Vault 2 and in other off-road areas affected by construction. In accordance with Town of Greenwich directives, Woods Road remained closed to the public and Project construction equipment was parked on the road, which also was used for staging cable splicing and grounding work at Vault 3.

Table 2 in Attachment 1 summarizes the status of the transmission line work as of August 31, 2020.

**3. INDIAN HARBOR CROSSING**

The bridge abutments on both sides of Davis Mill Pond were faced with ornamental stone and both entrances leading up to the bridge were graded. Construction materials were removed from the staging areas on either side of the pedestrian bridge; these areas were regraded, seeded, and mulched, and now are revegetating. Erosion and sedimentation controls were maintained along the pond-side boundaries of the two staging areas. In addition to the standard erosion and sedimentation controls, turbidity curtains remained in the pond immediately adjacent to each staging area. The entrances to the bridge (staging areas) continue to be enclosed with temporary chain-link fencing, pending the Town of Greenwich's installation of sidewalks.

Table 3 in Attachment 1 summarizes the status of the Indian Harbor Crossing work as of August 31, 2020.

**DEVELOPMENT AND MANAGEMENT PLAN MINOR CHANGES:**

Modifications to the Schedule for Milling and Final Road Paving (D&M Plan Appendix C, Traffic Management Plan [TMP], Section 5). Section 5 of the TMP, "Pavement Reconstruction" specifies that: 1.) The contractor will mill and pave both traffic lanes (curb-to-curb) along segments of GSLP where the duct bank is in the road; and 2.) Milled surfaces must be paved within 48 hours. However, in accordance with Eversource's discussions with Town of Greenwich representatives on August 12, 2020, the requirement for paving within 48 hours of milling, which would have made the milling/repaving operation less efficient. Accordingly, Eversource's paving subcontractor is first performing milling and then repaving of roads affected by GSLP construction. Further, per the Town's request, the milling and paving activities for Bruce Park Drive, Woods Road, Davis Avenue, Indian Harbor Drive, and Museum Drive are being performed during the daytime, Monday-Friday, from 7 AM to 6 PM. Work on Indian Field Road will be performed at night, while work on Arch Street and Railroad Avenue will be performed at night or as otherwise coordinated for daytime hours with the Town of Greenwich. During milling and paving activities in August, traffic patterns were maintained per TMP Section 4.1.

**ATTACHMENT 1**

**Table 1  
Greenwich Substation: Construction Progress (August 31, 2020)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration*
7/15/2019	100%	100%	100%	95%	45%	75%

\*Includes paving of substation access drives and sidewalk/curb restoration; other restoration consists of regrading, landscaping, and final site stabilization.

**Table 2  
Underground Transmission Line: Construction Progress (August 31, 2020)**

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	100%	100%	100%	95%	85%*	0%	40%

\*Restoration includes both off-road (i.e., in road shoulders where trench area restoration involves reseeding/revegetation) and within road restoration (i.e., final paving). Cable installation includes fiber work / splicing.

**Table 3  
Indian Harbor Crossing: Construction Progress (August 31, 2020)**

Project Activity (% Complete)							
Construction Start Date	Site Preparation / E&S Controls	Temporary Retaining System / Foundation (Micro-pile) Installation	Bridge Installation^	Conduit Installation	Cable Installation	Initial Off-Road and Road Restoration*	Final Restoration*
12/10/2019	100%	100%	100%	100%	100%	75%	50%

^ Bridge installation included the setting of the bridge structure (which occurred on June 19, 2020), as well as bridge decking and other structural work, which was completed in July-August.

\*Includes work areas (lawn) and restoration of sidewalks/roads in areas of Bruce Park encompassed by the Indian Harbor Crossing D&M Plan. E&S controls remained in place during August.