

January 11, 2017

Mr. Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

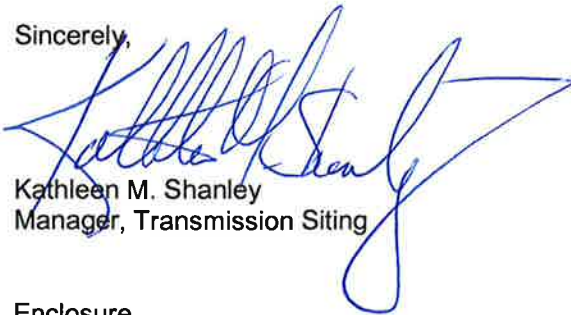
RE: Docket No. 466: Frost Bridge to Campville 115-kV Project
Monthly Construction Progress Report - December

Dear Chairman Stein:

Pursuant to RCSA Section 16-50j-62(b)(3) and as described in Volume 1, Section 7, of the *Development and Management ("D&M") Plans for the Frost Bridge to Campville 115-kV Project ("Project")*: *D&M Plan for New 115-kV Transmission Line and Related Transmission Line Modifications* and the *D&M Plan for Modifications to the Frost Bridge Substation and Campville Substation*, The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) hereby provides to the Connecticut Siting Council ("Council") this Construction Progress Report for the month of December 2016.

Should you or other Council members have any questions regarding this submission, please do not hesitate to contact me via e-mail at kathleen.shanley@eversource.com or telephone at (860) 728-4527.

Sincerely,



Kathleen M. Shanley
Manager, Transmission Siting

Enclosure

**DOCKET NO. 466
FROST BRIDGE TO CAMPVILLE 115-kV PROJECT
MONTHLY CONSTRUCTION PROGRESS REPORT
DECEMBER 2016**

1. NEW 115-kV TRANSMISSION LINE AND RELATED TRANSMISSION LINE MODIFICATIONS

During December, Eversource commenced construction on the new 115-kV transmission line. Vegetation clearing was performed on the Project along the right-of-way (ROW) in the towns of Watertown, Litchfield, and Harwinton. Principal vegetation removal and access road/work pad construction was concentrated in Litchfield and Harwinton, and was generally proceeding along the ROW from State Route 8 north toward Campville Substation.

Table 1 (attached) summarizes the construction progress on the transmission line portion of the Project, by town and construction activity, as of December 31, 2016.

2. MODIFICATIONS TO FROST BRIDGE AND CAMPVILLE SUBSTATIONS

Eversource's substation contractor for site clearing and grading mobilized to Campville Substation and completed site clearing activities and a majority of the site grading.

No work was performed at Frost Bridge Substation.

Table 2 summarizes the status of work at the two substations as of December 31, 2016.

**Table 2
Substation Construction Progress
(As of December 31, 2016)**

Substation	Activity (% Complete)			
	Construction Start Date	Site Preparation	Equipment Installation	Testing
Frost Bridge	N/A	0%	0%	0%
Campville	12/2/2016	80%	0%	0%

3. MINOR DEVELOPMENT & MANAGMENT (D&M) PLAN CHANGES

During December 2016, Eversource identified four minor D&M Plan changes. Each of these modifications is described below.

- 1. Structure 1B Work Pad Expansion: Mapsheet 01 of 35, Town of Watertown.** In order to install Structure 1B, which will be located directly northeast of and adjacent to the Frost Bridge Substation fence, Eversource determined that additional work pad space will be required within the Substation. The work pad cannot be expanded outside the Substation due to proximity to Frost Bridge Road (State Route 262). To accommodate the expanded work pad, a portion of the Substation fence will be temporarily removed, to allow the use of an adjacent area within the Substation for both the installation of the structure and conductor/optical ground wire pulling. A

temporary fence will be installed, as required to maintain the security of the substation during the use of the expanded work pad. The work area will be on the existing graveled area within the Substation and will be located entirely on Eversource-owned property (Line List No. 40000). After the completion of the work, the temporary fence will be removed and the permanent security fence will be re-established.

2. **Installation of ADSS, within Eversource ROW, vicinity of Purgatory Junction, between Structures 25 and 26, Mapsheets 9A and 10 of 35, Town of Watertown.** At Purgatory Junction, between Structures 25 and 26, the new 1304 Line will cross under Eversource's existing 345-kV line (i.e., 352 Line). To maintain appropriate clearances between the 1304 and 352 lines at this crossing, the 1304 Line's OPGW will be transferred underground through approximately 280 feet of all-dielectric self-supported fiber (ADSS); the existing lightning shield wire for the 352 Line will provide lightning protection for the 1304 Line along this short segment. The ADSS will be installed within conduit and buried within the Eversource ROW, in the upland area encompassed by the work pad between Structures 25 and 26 (refer to Mapsheets 9A and 10). This modification is located on Eversource-owned property (Line List No. 41000).
3. **Minor Shift in Access Road, Vicinity of Structure 3171, West Side of Naugatuck River, Mapsheet 31A of 35, Town of Litchfield.** At this location, the approximately 225-foot-long spur access road to the planned Structure 3171 work pad (1191 Line) was proposed to intersect at the westernmost edge of the work pad. However, based on field investigations performed by Eversource's construction contractor, this access road spur was shifted to the south (by a maximum of approximately 75 feet) to minimize grading. The realigned access road spur is approximately 160 feet long, a 29% reduction in the length of the originally-approved road. The realigned access road spur is within an upland and is entirely within the identified limits of Project disturbance in this area, which also includes the work pads for existing Structure 3171 (lattice tower to be removed) and new structures 3236 (1921 Line) and 86 (1304 Line). Both the original access road spur and the realigned and shortened access road are on property owned by the same landowner (Line List No. 42054). Eversource provided notice to this landowner of the access road shift.
4. **Minor Expansion of Access Road Turn-in, Off-ROW Access Road Connection to Wildcat Hill Road, Mapsheet 34 of 35, Town of Harwinton.** To accommodate the turning radii for large construction equipment, Eversource proposes to slightly widen the entrance to an existing off-ROW access road that extends west from Wildcat Hill Road to Structure 94¹. In particular, the existing access road entrance will be widened by approximately 25 feet to the south at the intersection with Wildcat Hill Road. The expanded off-ROW access road entrance is located primarily on property owned by the Town of Harwinton (i.e., within the road shoulder of Wildcat Hill Road; refer to Line List No. 42077); a small portion of the widened access road entrance is located on private property (refer to Line List No. 42074). Eversource provided notice of this access road change to the property owners.

¹ This off-ROW access road extends to Structure 94; however, it provides the only interconnection to a public road (i.e., Wildcat Hill Road) between 1304 Line Structures 88 to 94, which are otherwise accessible only from on-ROW roads (refer to D&M Plan Volume 3, Mapsheets 32-34).

**Table 1
Transmission Line Construction Progress (as of December 31, 2016)**

Frost Bridge to Campville 115-kV Project (1304 Line) Construction Progress Report 12/31/2016		Transmission									
Town	Section of Project	ROW Clearing	Work Area Preparation	Foundation Installation		Structure Installation		Wire Stringing (or Cable Installation)	Restoration		
		ROW Clearing (% Complete)	Access Roads/Work Pads (% Complete)	Foundations Installed	Total Foundations	Foundations (% Complete)	Structures Installed	Total Structures	Structures (% Complete)	Stringing (% Complete)	(% Complete)
Watertown	1304 Line * Substation Underground Line Exit	15%	0%	0	46	0%	0	46	0%	0%	0%
Thomaston	1304 Line	N/A	N/A	0	2	0%	0	2	0%	0%	0%
Litchfield	1304 Line	0%	0%	0	24	0%	0	24	0%	0%	0%
	1191 and 1921 DCT Split	7%	33%	0	15	0%	0	15	0%	0%	0%
Harwinton	1191 and 1921 DCT Split	50%	33%	0	2	0%	0	2	0%	0%	0%
	1304 Line	50%	0%	0	2	0%	0	2	0%	0%	0%
		80%	0%	0	10	0%	0	10	0%	0%	0%
Total Project		19%	6%	0	101	0%	0	101	0%	0%	0%

*Includes Structure 3080