



56 Prospect Street
P.O. Box 270
Hartford, CT 06103

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

April 5, 2017

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

Re: Petition 1217
Bloomfield-Windsor Upgrades Project
Monthly Construction Progress Report – March 2017

Dear Chairman Stein:

On behalf of The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") and pursuant to Section 7.3 of the Development and Management Plan for the modifications to Rood Avenue, Bloomfield and North Bloomfield Substations and transmission lines 1777, 1779 and 1751, Eversource hereby provides a copy of the Monthly Construction Progress Report for the month of March 2017. Also included is a Project Construction Progress Table (see Attachment 1).

Please contact me at 860-728-4527 with any questions that you or other Council members may have on this report.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", with a large, stylized flourish at the end.

Kathleen M. Shanley

Enclosure
Attachment 1 - Construction Progress Table March 2017

**Petition 1217
Bloomfield-Windsor Upgrades Project
Monthly Construction Progress Report
March 2017**

OVERHEAD TRANSMISSION LINE

1777/1779 Line Separation

In March, all transmission line clearing and access road construction is complete in this segment. The Project will continue to maintain the access roads and construction pads as construction continues.

The foundation for structure 3-110 is not complete, due to continued construction challenges with the excavated shaft. The Project is currently finalizing a potential redesign for the structure foundation.

Fifteen of the sixteen structures have been erected.

1777/1751 Line Separation

No additional clearing or construction pad development occurred during the month of March due to time of year restrictions for protected species (turtles). The Project plans to remobilize the first week of April 2017 to this segment during the species active season at Bloomfield Junction and Duncaster Road.

The foundations are complete for structures 3159, 3164-1, 3160, 3161, 3162, 3163. Structures 3160, 3161, and 3162 were erected and the conductor was relocated from the existing structures to new structures 3160, 3161, and 3162.

1779 Line Loop into Rood Avenue Substation

All six phases of the underground XLPE cable were pulled to their appropriate locations inside the substation and 5 of the 6 phases are poised on the transmission line structures awaiting termination.

SUBSTATIONS

Work at Bloomfield Substation and North Bloomfield Substation is complete.

At Rood Avenue Substation, electricians continued wiring relay panels and test devices inside the control enclosure. The installation of the permanent substation fence and gates is in progress.

MINOR D&M PLAN CHANGES

Access Road Shift near structure 3129-1 (Transmission Line D&M Plan Sheet 11 of 25):

Currently, the proposed access road to structure 3129-1 is located off of Woodland Avenue and is situated on the south side of the ROW, requiring the Project to perform vegetation removal. The abutting property owner at Line List 952 off of Woodland Avenue requested that the Project move the access road to the northern part of the ROW, to limit the removal of vegetation. Eversource reviewed this request and determined that an access road shift to the north part of the ROW would result in less vegetation removal. This modification relocates the access road to structure 3129-1 approximately 50 feet to the north of the existing location within the ROW. No additional impacts to wetlands will occur as a result of this change.

Bloomfield-Windsor Upgrades Project

Monthly Construction Progress Report - Attachment 1

~March 2017~

Substation Construction

		Rood Avenue	Bloomfield	North Bloomfield
	Site Development	90%	100%	100%
	Foundation Installation	100%	100%	100%
	Steel Erection	75%	100%	100%
	Test Energization	0%	100%	100%
	Total % Complete	66%	100%	100%

Transmission Line Construction

		Bloomfield to Bloomfield Junc. (1777/1779)	Bloomfield Junc. to North Bloomfield (1777/1751)	1779 Line Loop into Rood Ave Substation
Civil Work	ROW Clearing (% Complete)	100%	20%	100%
	Access Roads & Construction Pads (% Complete)	100%	20%	100%
	Restoration (% Complete)	0%	0%	0%
	Total (% Complete)	67%	13%	67%
Foundation Install	Proposed Foundations	7	20	8
	Foundations Installed	6	12	8
	% Complete	86%	60%	100%
Structure Erection	Proposed Structures	16	53	8
	Structures Installed	15	11	5
	% Complete	94%	21%	63%
Wire Install / Relocation	Wire to be Installed / Relocated (ft)	8448	27984	500
	Installed / Relocated to Date (ft)	8448	1175	250
	% Complete	100%	4%	50%