

May 19, 2017

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

RE: Petition No. 1217: Bloomfield-Windsor Upgrades Project
Development and Management Plan Change Notice Request:
Structure 3-110_1: Proposed 80-foot In-Line Location Structure Shift, Town of Bloomfield

Dear Chairman Stein:

Pursuant to Section 16-50j-62(a)(1) of the Regulations of Connecticut State Agencies (RCSA) and Section 7.2 of Volume 1 of the Bloomfield - Windsor Upgrades Project- Development and Management Plan (D&M Plan), The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) submits the above-referenced proposed D&M Plan change for Connecticut Siting Council staff review and approval.

On January 26, 2017, the Project initiated installation of the foundation for structure 3-110_1 in its approved location. This location was approximately 40 feet downstream of Blue Hills Dam, which was constructed by the Natural Resource Conservation Service (NRCS) to control flooding in the Park River watershed. Following the installation of three pieces of telescoping wall casings, it was observed that there was significant inflow (or blow-in) of silty material between the first and second, and second and third overlapping pieces of casing. Due to concerns associated with the unexpected inflow of material, Eversource made the decision to halt work, remove the telescoping casing and temporarily backfill the excavation with ¾-inch processed gravel.

In accordance with Condition 15d of the combined Section 401 Water Quality Certificate (WQC-201606832) and Dam Safety (DS-201606831) permit, Eversource notified the Connecticut Department of Energy and Environmental Protection (CT DEEP) and the NRCS of the problems with the foundation installation and the decision to halt work. Since that time, Eversource, CT DEEP, and NRCS have held detailed discussions regarding alternative options for the installation of the foundation in proximity to the downstream side of the dam.

In developing the alternative options, Eversource considered multiple foundation types and foundation installation methods to minimize impacts to the Blue Hills Dam. However, Eversource ultimately concluded that the preferred option is to shift the location of Structure 3-110_1 approximately 80 feet to the southwest (towards Structure 3-109_1) from its original location, or approximately 120 feet away from the toe of Blue Hills Dam. The CT DEEP and NRCS have agreed that shifting the location of the structure and restoring the excavation at the original location is the best option to reduce potential risks and concerns that were raised during the Eversource's consultation with the agencies.

Along with the new structure location, Eversource has determined that the proposed work pad associated with this structure would need to be increased in size from approximately 100 feet by 100 feet to 140 feet by 100 feet. There will be no additional effects on any environmental resources as a result of these proposed modifications. Please see attachment (D&M Plan Sheet 4 of 25, revised 3/15/2017).

Enclosed with this original filing are 15 copies of the D&M Plan Change Request.

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.

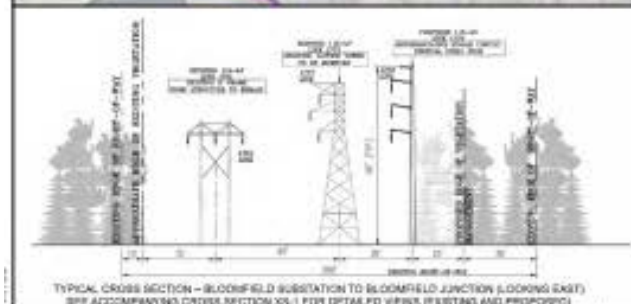
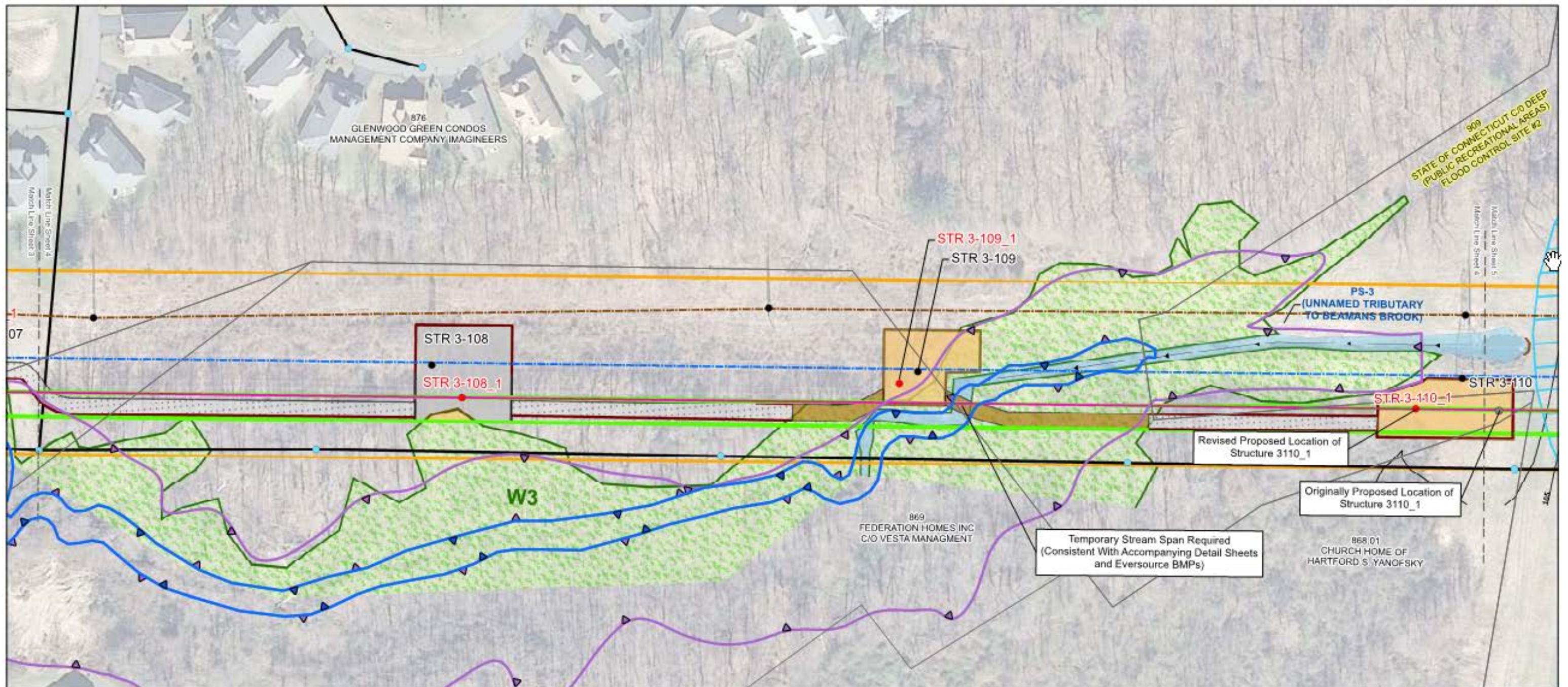
Sincerely,

A handwritten signature in blue ink, appearing to read 'Kathleen M. Shanley', with a stylized, flowing script.

Kathleen M. Shanley
Manager - Transmission Siting

Encl.

Attachment: D&M Plan Sheet 4 of 25 for the Bloomfield - Windsor Upgrades Project Development and Management Plan for 115-kV Transmission Line Upgrades

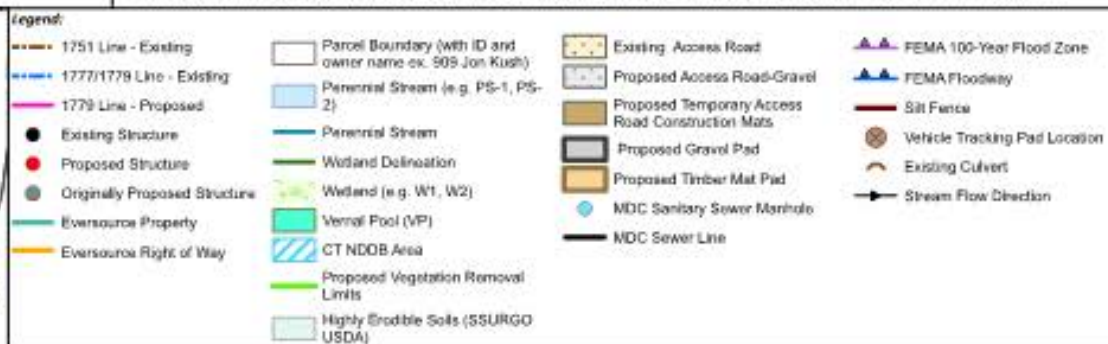


Notes: Wetlands and Watercourses identified in Spring 2015. Work in and adjacent to wetlands, watercourses and vernal pools to be conducted in accordance with Eversource Best Management Practices (BMPs) and CT DEEP 2002 CT Guidelines for Soil Erosion and Sediment Control. See the accompanying Detail Sheets. CT Natural Diversity Data Base (NDDB) Area species data provided through Eversource/CT NDDB data sharing agreement. Work will be conducted in accordance with Eversource BMPs and will account for NDDB species considerations. Construction activities will be monitored in accordance with NDDB BMPs, as per the accompanying Detail Sheets.

Stumps of cleared trees will be ground down or removed from yards. Yard and wetland areas will be restored at project completion. Timber mats will be used in wetland areas and in CT DEEP flood storage areas, as depicted herein. Timber mat use may be field adjusted to overlap with wetland boundaries. Proposed roads and construction pads in FEMA Flood Zones(outside of wetlands) to be gravel or timber mats. If gravel is used in these areas, approximately 6 inches of topsoil will be removed and temporarily stockpiled outside of flood control areas to avoid flood storage capacity decreases. Existing gravel roadway improvements may be required. See Detail Sheets and accompanying materials for additional information regarding BMPs, resource areas, constructability considerations, and enlarged cross sectional views. Proposed access to be reviewed with property owners.

Limits of disturbance may extend beyond depicted work areas in upland locations. Sedimentation and erosion (S&E) controls, BMPs and exclusionary fencing to be field verified and installed as necessary. Depicted locations are approximate and may vary based on need and in-field conditions.

STR #	DESCRIPTION	HEIGHT (FT)	FINISH	FOUNDATION
3-108_1	Single Circuit Steel Monopole	84	Galvanized	Direct Embed
3-109_1	Single Circuit Steel Monopole	80	Galvanized	Drilled Shaft
3-110_1	Single Circuit Steel Monopole	100	Galvanized	Drilled Shaft



BLOOMFIELD-WINDSOR UPGRADES PROJECT

1777/1779 TRANSMISSION LINE UPGRADES BETWEEN BLOOMFIELD SUBSTATION AND BLOOMFIELD JUNCTION BLOOMFIELD, CT

Linear Units: Foot US
Datum: North American 1983
Projection: Lambert Conformal Conic
Coordinate System: NAD 1983 StatePlane
Connecticut FIPS 5000 Feet
Data Layers and Imagery: USGS Earth Explorer,
CT DEEP GIS, UCONN MAGIC, UCONN CLEAR,
Google Earth Imagery, Eversource, NRCS Soils



EVERSOURCE

AECOM