



VIA US AND ELECTRONIC

MAIL 4/2/2020

Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
The Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

Re: The United Illuminating Company's Notice of Exempt Modification Pursuant to R.C.S.A. § 16-50j-58 to the Following Existing Energy Facility: **260 Frontage Road, West Haven, CT** ("Notice of Exempt Modification")

Dear Attorney Bachman:

Pursuant to Regulations of Connecticut State Agencies ("R.C.S.A.") §16-50j-58, The United Illuminating Company ("UI" or "Company") hereby notifies the Connecticut Siting Council (the "Council") of its intent to make exempt modifications to the following substation: 260 Frontage Road, West Haven, CT ("Facility" or "Allings Crossing").

As discussed in detail below, after a review of certain UI substations, the Company has determined that replacement of equipment related to structural inadequacies is required at Allings Crossing Substation.

The \$625 filing fee along with 2 copies of this Notice of Exempt Modification are enclosed herewith.

**260 Frontage Road – Allings Crossing**

The 260 Frontage Road Facility is located in the Town of West Haven. The property is described as follows:

All those certain pieces of parcels of land together with the improvements standing thereon, located in the Town of West Haven, County of New Haven and State of Connecticut, known as parcels 2 and 3 on a certain map entitled "Map of Parcel 2, and Parcel 3 to be conveyed to Fisher Wines, Inc., West Haven, Conn. Dated September 25, 1962, Revised September 26, 1962, which map is recorded in the Town Clerk's office of the Town of West Haven, more particularly bounded and described as follows"

PARCEL 2: Beginning at a pin on the southerly line of Frontage Road 239.85 feet northeasterly of the southeast corner of the intersection of Frontage Road and Alling Crossing Road; thence northeasterly along the southerly line of Frontage Road 167.39 feet to the remains of a stonewall and wire fence; thence southeasterly at an interior angle of 90-42-50 along the remains of said stone wall and wire fence 377.83 feet to a pin; thence southwesterly along a curved line, the arc distance being 110.48 feet to a pin at the property line of the New York, New Haven and Hartford Railroad Company; thence along the property of the New York, New Haven and Hartford Railroad Company by a curved line, the arc distance

being 102.4 feet to a pin; thence northwesterly along a straight line 470.71 feet to the point of beginning. The last described line forming an interior angle of 90-00-00 with the southerly line of Frontage Road. This parcel contains 1.636 acres.

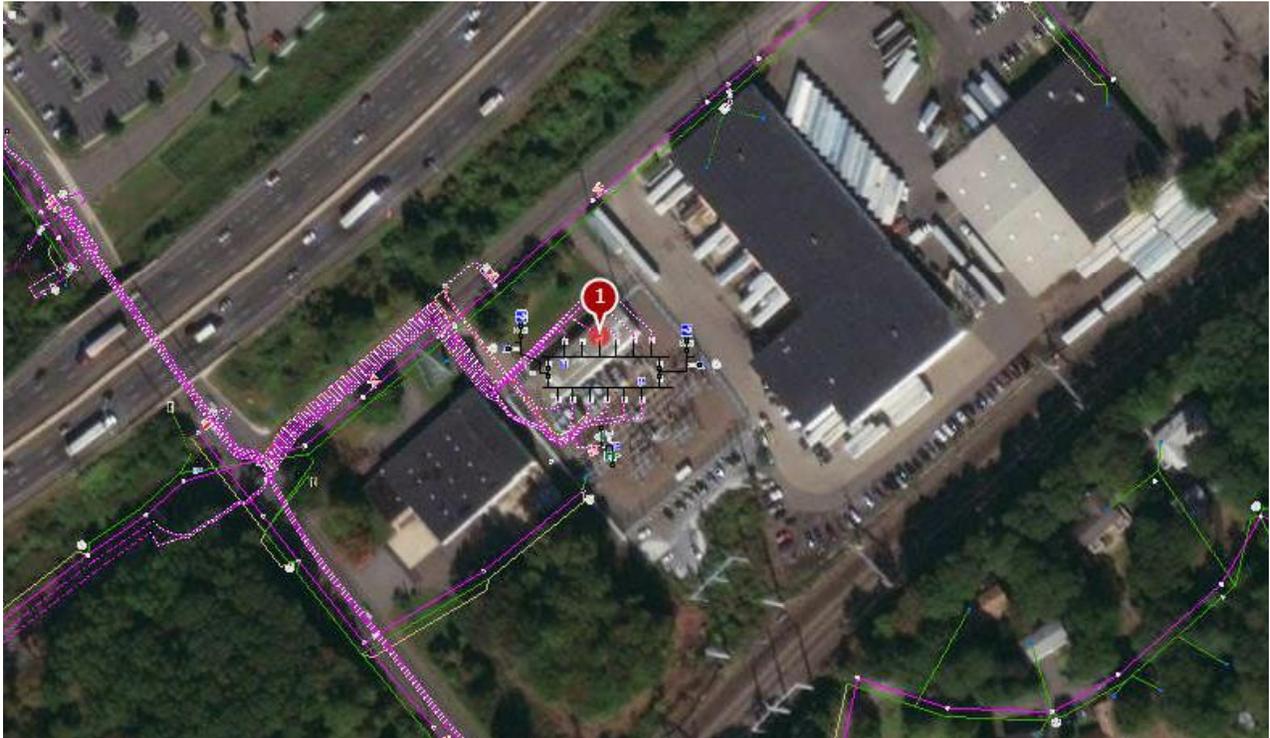
PARCEL 3: Beginning at a point on the southerly line of Frontage Road 407.24 feet northeasterly of the intersection of Alling Crossing Road and Frontage Road; thence northeasterly along the southerly line of Frontage Road 41.61 feet to a pin; thence southeasterly at 90-00-00 a distance of 234-27 feet to a pin; thence southwesterly by a curved line, the arc distance being 149.82 feet to a pin; thence northwesterly along the remains of a stonewall and wire fence 377.83 feet to the point of beginning. The last described line forming an interior angle of 89-17-10 with the southerly line of Frontage Road. This parcel contains 0.30 acres.

### **Aerial Photos of the Facility**



Allings Crossing Substation. 260 Frontage Rd, West Haven, CT  
06516 Source: Google Maps 2020

### GIS Photos of the Facility



Allings Crossing Substation. 260 Frontage Rd, West Haven, CT  
06516 Source: GIS Lite 3/17/2020

### **Allings Crossing**

Engineering review and analysis performed by Realtime Utility Engineers (“RUE”) has determined the following structural inadequacies with the existing bus yard at our Allings Crossing substation. These inadequacies are based upon the fault current conditions possible at this specific substation, and its effects on the existing equipment and structures. If stresses caused by fault current and environmental factors exceed the strength rating of any structural member or piece of equipment, it is deemed inadequate. The work being completed is considered like for like and includes the following:

- Replacement of various bus sections
- Replacement of multiple steel switch support structures
- Multiple bus insulators
- Installation of 3 new foundations and 3 bus support structures (to match existing bus support structures).

Compliance with R.C.S.A. § 16-50j-57(b)

Pursuant to R.C.S.A. § 16-50j-57(b), the proposed changes do not constitute a modification to an existing facility that may have a substantial adverse environmental effect and are exempt from the requirement to obtain a certificate pursuant to Section 16-50k of the Connecticut General Statutes. Specifically, consistent with R.C.S.A. § 16-50j-57(b), the proposed changes to the existing site do not:

- (A) Extend the boundaries of the site beyond the existing fenced compound;
- (B) Increase the height of existing associated equipment;
- (C) Increase noise levels at the site boundary by 6 decibels or more, or to levels that exceed state and local criteria;
- (D) Impact electric and magnetic field levels at the site boundary in a manner that is inconsistent with the Council's Best Management practices for Electric and Magnetic Fields;
- (E) Cause a significant adverse change or alteration in the physical or environmental characteristics of the site; or
- (F) Impair the structural integrity of the facility, as determined in a certification provided by a professional engineer licensed in Connecticut, where applicable.

The project would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics because:

- (A) The proposed changes would be located within the Substation's existing fence line; the Substation's fenced area would not be expanded.
- (B) The equipment would be no taller than existing equipment within the Substation.
- (C) There would be no change to the existing television or radio interference resulting from the modifications of the Substation.
- (D) Sound-pressure levels at all points along properties lines would continue to meet state regulations set out in R.C.S.A. §§ 22a-69-1 et seq.
- (E) Electric and Magnetic field levels at the Substation boundary would not change as a result of the modifications.

UI intends to initiate the project, Design Adequacy Group 2, on or after the Council's acknowledgement that the proposed activities are exempt.

Please do not hesitate to contact me at 203-499-2586 should you have any questions regarding this notice.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Amy Hicks', with a stylized flourish at the end.

Amy Hicks  
Outreach Specialist  
The United Illuminating Company

cc: The Honorable Nancy R. Rossi, Mayor, City of West Haven  
Abdul Quadir, City Engineer, City of West Haven  
Jonathan Wolff, The United Illuminating Company

Attachments:

Attachment A: Replacement Examples

## ATTACHMENTS

## Attachment A



replace insulator  
(example)

high bus support  
structure install



To Replace switch stand legs



bus clamp  
replacement  
example

switch stand steel  
replacements

new bus support  
structure and  
foundation