



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: **56 Goffe Street, New 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: 56 Goffe Street, New Haven, CT ("Facility" or "Broadway").

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 Broadway Substation.

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

**56 Goffe Street – Broadway**

All that certain piece or parcel of land, with the buildings and all other improvements thereon, situation in the City of New Haven, County of New Haven and State of Connecticut, known as 60-80 Goffe Street, shown and designated on a certain map entitled "Property of 'Angelo Morabito', New Haven, Conn.", dated July 31, 1978, Scale 1' = 20', made by Bernard E. Godfrey, Registered Professional Land Surveyor, on file in the New Haven Town's Clerks office, said premises being bounded:

NORTH by Goffe Street, 354.65 feet;

EAST by land now or formerly of American Oil Co., 97.7 feet;

SOUTH by land now or formerly of Casher Brothers, Inc., 44.7 feet;

EAST again by land now or formerly of Casher Brothers, Inc., 34.68 feet;

SOUTH again by land or formerly of Mancel Inc., 145.53 feet;

WEST by land now or formerly of Evelyn Gibson, 45.0 feet;

NORTH again by land now or formerly of said Evelyn Gibson, 1.17 feet;

WEST again by land now or formerly of said Evelyn Gibson, 42.02 feet;

SOUTH again by land now or formerly of said Evelyn Gibson, and by land now or formerly of Alan C. Caplan, each in part, 103.03 feet;

WEST again by land now or formerly of Superior Springs, 172.33 feet.

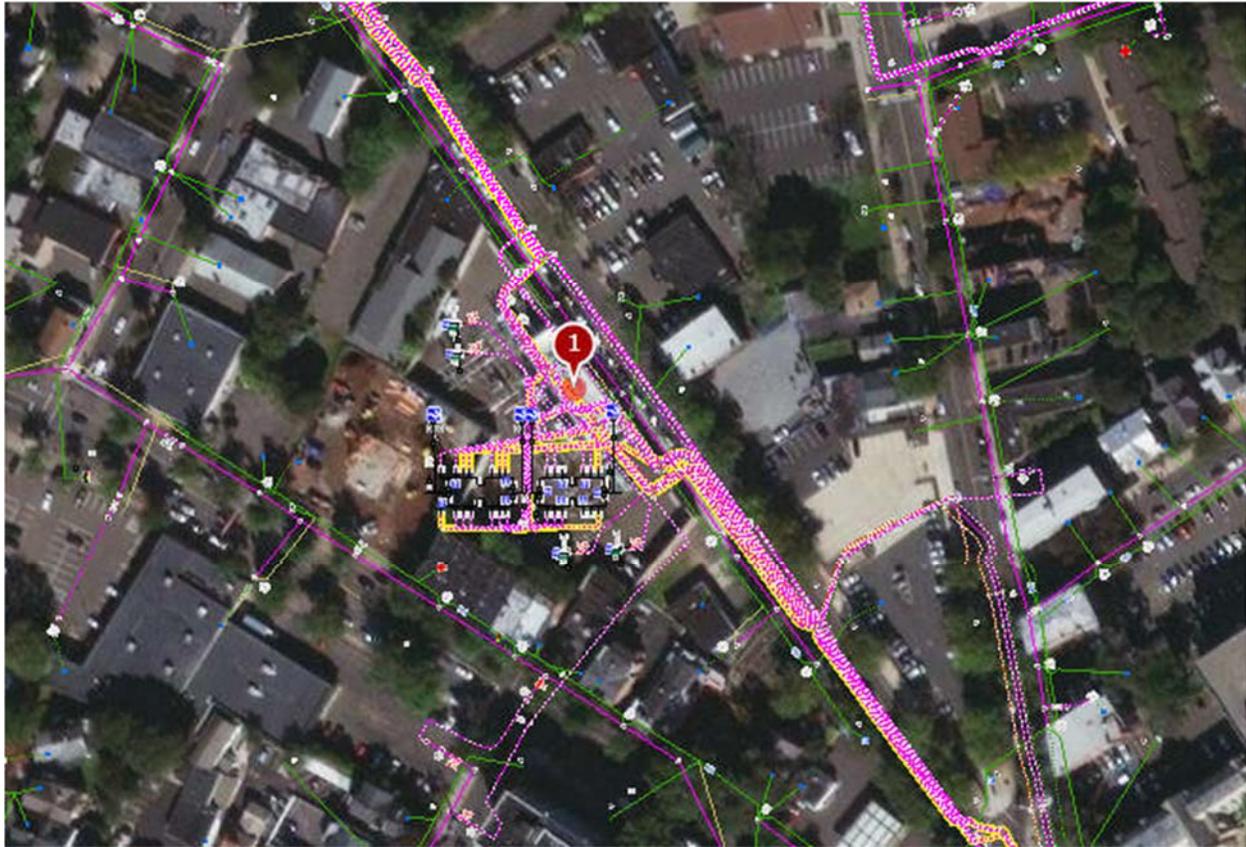
TOGETHER WITH a right of way for all purposes whatsoever, in, through, over and upon each and every portion of a strip of land bounded; SOUTH by Whalley Avenue, 10 feet; EAST by land now or formerly of Casher Brothers, Inc., 71.50 feet; NORTH by the southerly portion of the property above described, 10 feet; WEST by land now or formerly of Mancel Inc., 71.5 feet, more or less, which right of way is more particularly delineated on the aforementioned map entitled "Property of 'Angelo Morabito', New Haven, Conn."

**Aerial Photos of the Facility**



Broadway Substation 56 Goffe Street, New Haven 06511  
Source: Google Maps 2020

### GIS Photos of the Facility

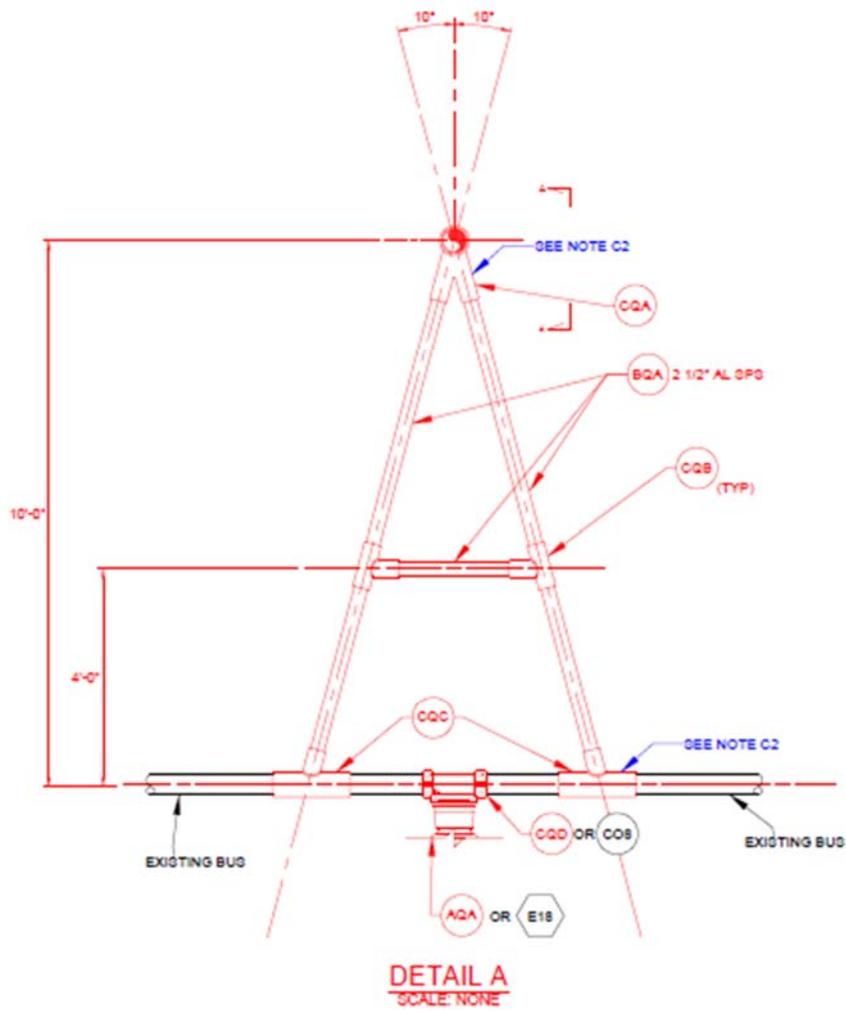


Broadway Substation 56 Goffe Street, New Haven CT 06511  
Source: GIS Lite 3/18/2020

### **Broadways Scope of Work**

Engineering review and analysis performed by Realtime Utility Engineers has determined the following structural inadequacies with the existing bus yard at our Broadway 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:

- Replace various welded bus sections (mainly A frame bus sections) with compression fittings to obtain necessary strength limits
- Bus insulators to be replaced with high strength insulators
- Steel switch stand supports need to be replaced and upgraded with higher strength members



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,



Amy Hicks  
Outreach Specialist  
The United Illuminating Company

cc: The Honorable Justin Elicker, Mayor, City of New Haven  
Giovanni Zinn, City Engineer, City of New Haven  
Jonathan Wolff, The United Illuminating Company

Attachments:

Attachment A: Replacement Examples

## ATTACHMENTS

## Attachment A



A-Frame bus section to be replaced with compression fitting connectors

Switch stand legs to be replaced with stronger members



Replace insulator with high strength insulator (example)

Replace switch stand legs with stronger members