



**A UIL HOLDINGS COMPANY**

The United Illuminating Company  
180 Marsh Hill Road, Orange, CT 06477-3629  
203-499-2000

April 7, 2015

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

Re: Petition of The United Illuminating Company for a Declaratory Ruling that No Certificate of Environmental Compatibility and Public Need is Required Regarding Modifications to the 115-Kv Transmission Lines in Milford Connecticut

Dear Chairman Stein:

Please find enclosed an original and twenty copies of The United Illuminating's Petition to the Connecticut Siting Council requesting a determination that no Certificate of Environmental Compatibility and Public Need is necessary for proposed work on the Connecticut Department of Transportation's ("CDOT") right-of-way ("ROW") in Milford.

UI undertook an aging infrastructure study in an effort to maintain a reliable electric power system in southwestern Connecticut. This study identified two 'H' frame transmission structures outside of the Company's Milvon Substation located at 772 Bridgeport Avenue in Milford that currently do not meet the 2012 National Electric Safety Code ("NESC"). The work proposed in UI's Petition seeks to remedy these deficiencies, and includes the installation of 6 tubular steel monopole structures within the ROW.

Should you have any questions, please contact Ms. Amy Hicks – Analyst, Public Outreach & Permitting (203) 499-2586.

Additionally enclosed is a check in the amount of \$625 for the required filing fee.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Richard J. Reed'.

Richard J. Reed, PMP  
Vice President – Engineering & Project Excellence  
The United Illuminating Company

Enclosures

**PETITION TO THE  
CONNECTICUT SITING COUNCIL FOR DECLARATORY RULING**

**MODIFICATIONS TO  
THE 115-kV TRANSMISSION LINES IN  
MILFORD, CONNECTICUT**

**SUBMITTED BY  
THE UNITED ILLUMINATING COMPANY**

**April 7, 2015**

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

PETITION OF THE UNITED ILLUMINATING : PETITION NO. \_\_\_\_\_  
COMPANY FOR A DECLARATORY RULING THAT :  
NO CERTIFICATE OF ENVIRONMENTAL :  
COMPATIBILITY AND PUBLIC NEED IS REQUIRED :  
FOR MODIFICATIONS TO THE 115-kV : April 7, 2015  
TRANSMISSION LINES IN MILFORD, :  
CONNECTICUT :

**PETITION FOR DECLARATORY RULING**

This petition is filed pursuant to Section 16-50k of the Connecticut General Statutes and Section 16-50j-39 of the Regulations of Connecticut State Agencies.

The United Illuminating Company (“UI” or the “Company”), an electric public service company specially chartered by the General Assembly of the State of Connecticut and having its principal place of business in Orange, Connecticut, hereby petitions the Connecticut Siting Council (“Council”) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need (“Certificate”) is required pursuant to Section 16-50k of the Connecticut General Statutes for the project hereinafter described. UI submits that such certification is not required because the project, although it encompasses “modifications” of a “facility”, will not have substantial adverse environmental effect.

As part of the continuing effort to maintain a reliable electric power system in southwestern Connecticut, [REDACTED]

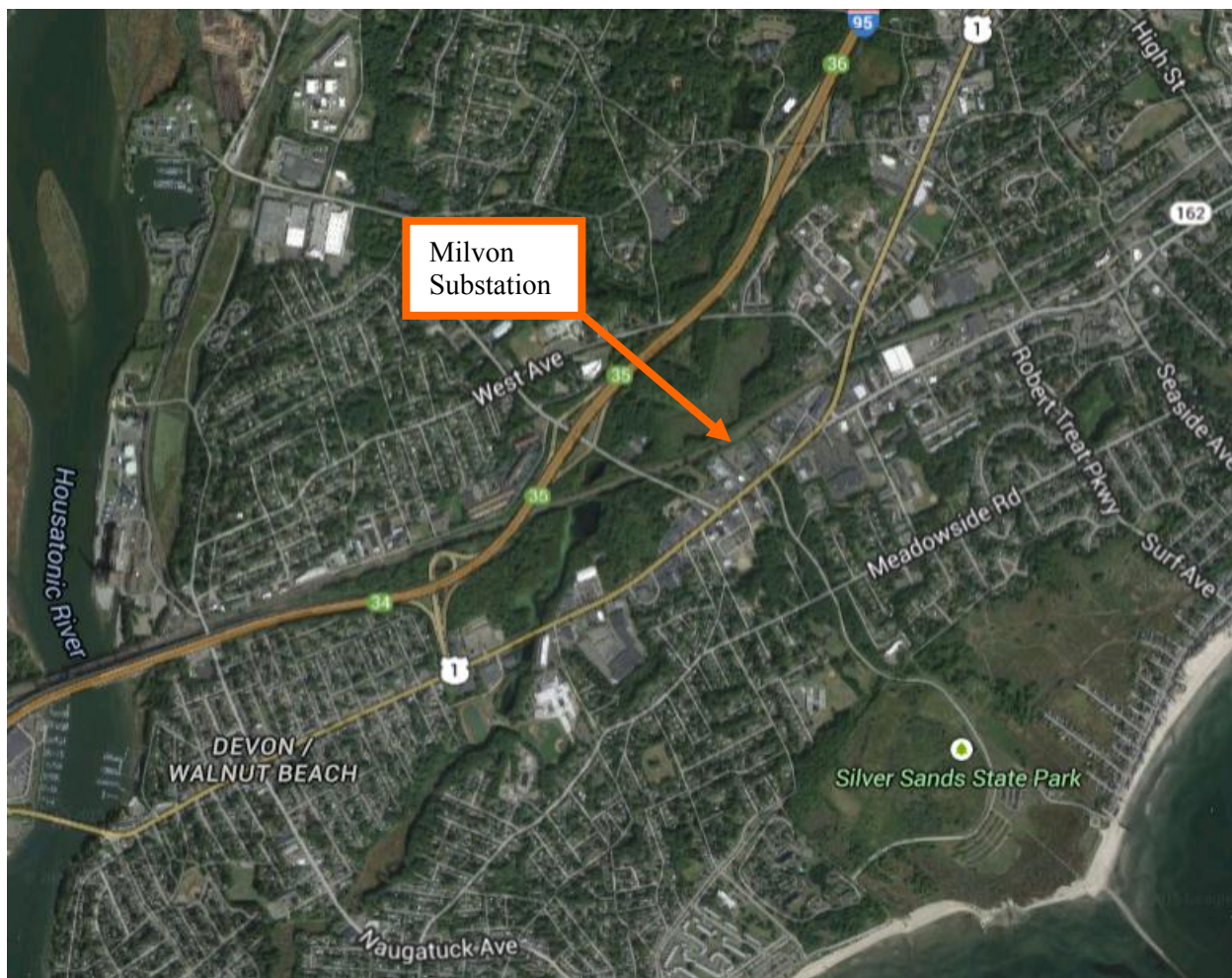
[REDACTED]

[REDACTED]

See Figures 1 and 2. In addition, as part of Petition 1110 UI is increasing the conductor size on

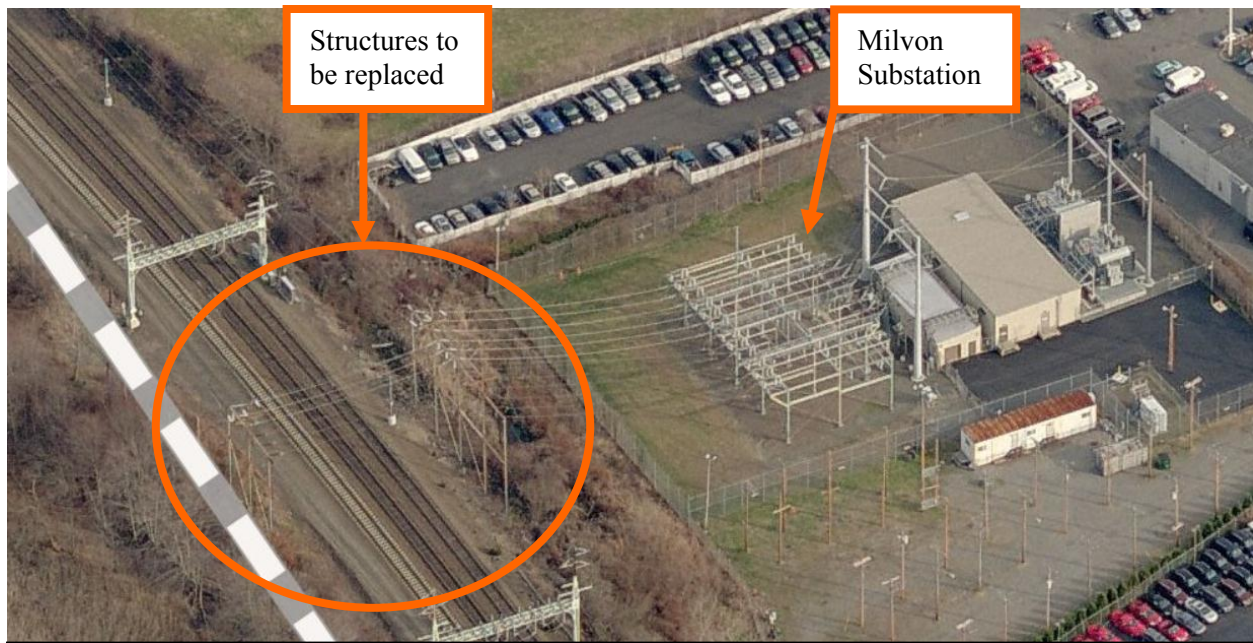
these structures located within the Connecticut Department of Transportation (“CDOT”) right-of-way (“ROW”). [REDACTED]

As a result, UI plans to install 6 tubular steel monopoles outside of the substation to the northwest and remove the existing structures. The project will be performed entirely within the Connecticut Department of Transportation’s (“CDOT”) existing right-of-way. See Figures 1 and 2.



**Figure 1: Overview map of the Milvon Substation location.**



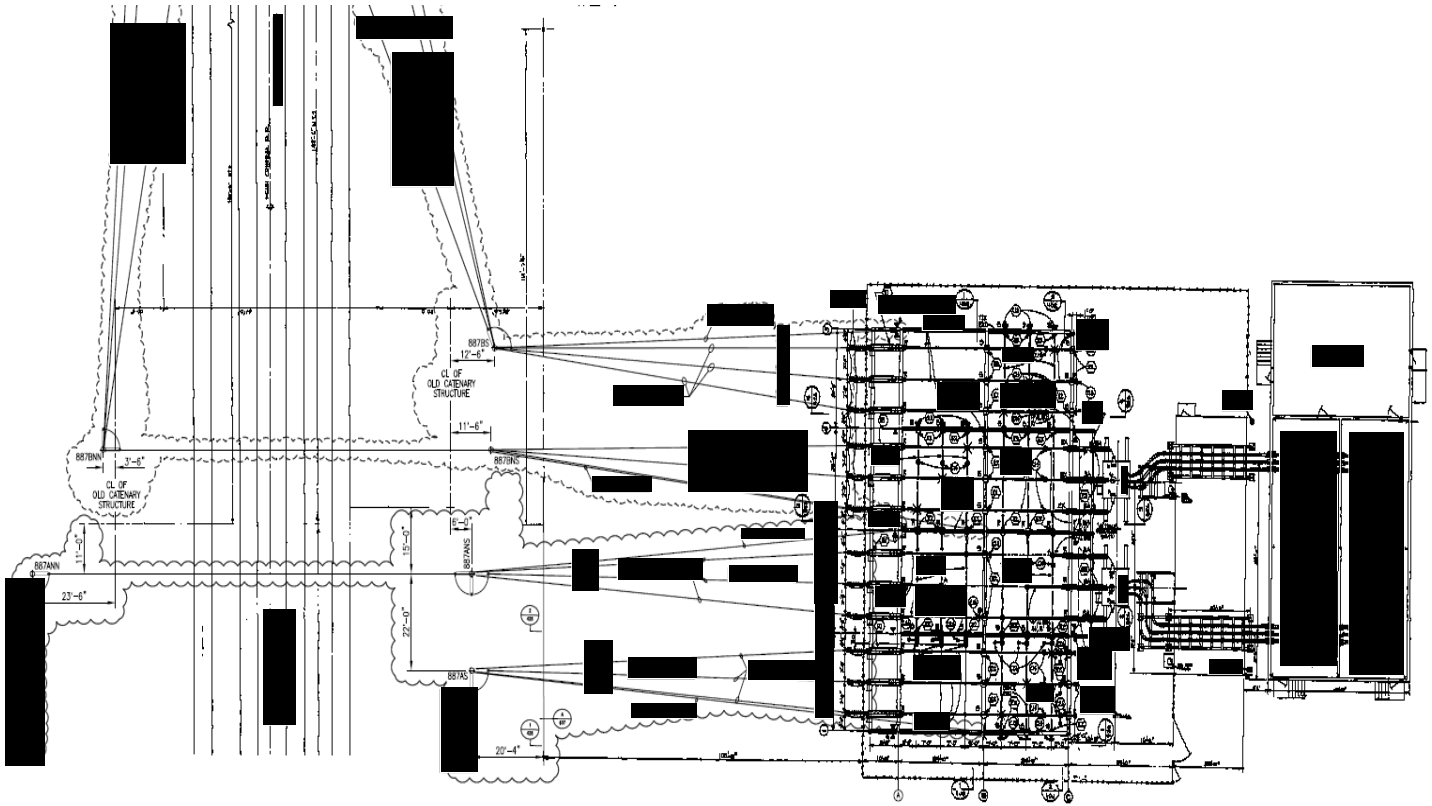


**Figure 2: Aerial photograph of Milvon Substation & 'H' frame structures**



## **PROPOSED MODIFICATIONS**

UI proposes to install six tubular steel structures to the northwest of the substation and connect them to the 115kV electric transmission lines that enter the substation from the east and west as seen in Figure 3. These will be dead-end type structures that will on average be 90 feet tall.



**Figure 3: Proposed modifications**



All of the work will be performed and located entirely within the Connecticut Department of Transportation's ("CDOT") existing right-of-way ("ROW"). Construction impacts on the proposed project to the environment are expected to be minimal and will consist of the temporary placement of swamp mats over the wetland in order to gain access and erect the structures. The wetland located just to the north of Milvon Substation is fed by the Beaver Brook corridor. Placement of the new structures will not be within these wetlands.

Any excess soils during site preparation will be stockpiled on site and disposed of based on a pre-characterization study previously performed. Dewatering activities, if required, will be managed in accordance with the State of Connecticut's General Permit, Groundwater

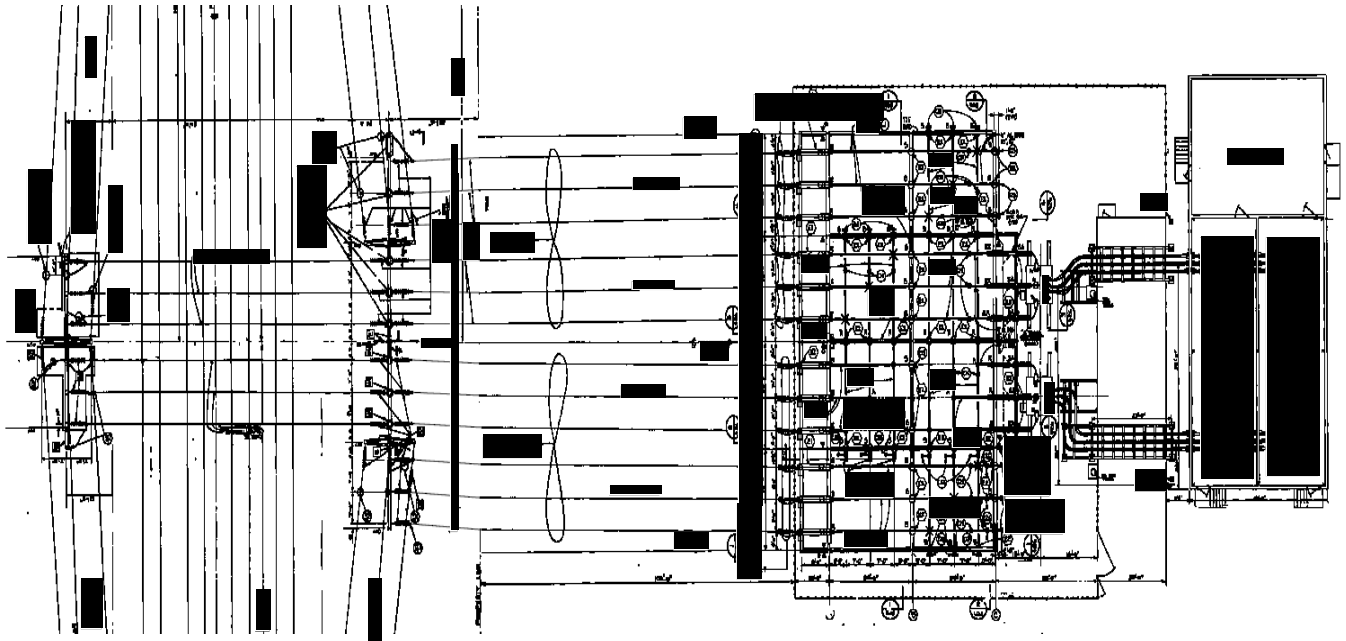
Remediation Wastewater to a Sanitary Sewer. The project is anticipated to commence in September 2015 with projected completion by December 2016.

Normal work hours for construction will be between 7:00 a.m. and 5:00 p.m. Work will proceed Monday through Friday, excluding some holidays. The proposed work hours may include evening and weekend hours on a temporary and case-by-case basis in order to complete critical installation.

### **EXISTING FACILITY**

Milvon Substation is an 115kV to 13.8 kV distribution substation. The existing 'H' frame structures were built in 1953. These structures support two 115-kV transmission line circuits that also feed other UI substations in the vicinity. The structures consist of a combination of steel 'I' beams bolted together and supporting guy wires. The transmission lines dead-end at the top of these structures and have conductor taps that drop down to a horizontal member. These conductors cross over the Metro-North Railroad and then tap into Milvon Substation as seen in Figure 5. The Site is surrounded by commercial and public areas. To the north of the site is the Beaver Brook Trails. To the southeast and southwest of the site are automobile service and sale businesses. *See* Figure 6.





**Figure 5:** Existing Facility



**Figure 6:** Existing Facility



## **DISCUSSION**

Based on the results of the study and increasing the conductor size under Petition 1110, it was determined that six tubular steel structures are required to be installed outside of Milvon Substation.

While the above-referenced work constitutes a “modification” of an existing facility, there will be no substantial adverse environmental impact associated with the proposed project:

- All work will be done entirely within the CDOT ROW, making use of existing property. No additional property or right-of-way will need to be purchased or secured.
- The project will cause no significant effects on surrounding land use and aesthetics, terrestrial ecology, traffic or water quality.
- The project will not significantly impact the views from surrounding areas. The removal of the low-lying shrubbery on the southerly side of the substation will have no impact.
- There will be no change in operating noise levels at this facility as a result of the proposed modification.
- During construction, sediment and erosion controls will be installed based on UI’s Stormwater Pollution Control Plan submitted and approved on February 3, 2015 by the Connecticut Department of Energy and Environmental Protection. Any excess soils left after construction will be managed based on the pre-characterization of that material and where necessary disposed of in accordance with the necessary State guidelines and requirements.

Based on the above, UI respectfully submits that the proposed project will not have a

substantial adverse environmental impact and does not warrant submission of a full Certificate Application to the Council. Accordingly, UI requests that the Council declare that the proposed project described herein will not have a substantial adverse environmental effect and, therefore, that no Certificate of Environmental Compatibility and Public Need is required.

The name, title, address and telephone number of the person to whom correspondence and communication in regard to this petition are to be addressed is:

Richard J. Reed, PMP  
Vice President – Engineering and Project Excellence  
The United Illuminating Company  
180 Marsh Hill Rd.  
Orange, CT 06477  
Telephone: 203.926.4500

The name, address, and telephone number of UI's attorney is:

Bruce L. McDermott  
Managing Counsel - Operations  
UIL Holdings Corporation  
157 Church Street  
P.O. Box 1564  
New Haven, CT 06506-0901  
Telephone: 203.499.2422

Very truly yours,

THE UNITED ILLUMINATING COMPANY

By:   
Richard J. Reed, PMP

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

PETITION OF THE UNITED ILLUMINATING : PETITION NO. \_\_\_\_\_  
COMPANY FOR A DECLARATORY RULING :  
THAT NO CERTIFICATE OF ENVIRONMENTAL :  
COMPATIBILITY AND PUBLIC NEED IS :  
REQUIRED FOR MODIFICATIONS TO THE 115- :  
kV TRANSMISSION LINES IN MILFORD, :  
CONNECTICUT :  
: April 7, 2015

**AFFIDAVIT OF SERVICE OF NOTICE**

STATE OF CONNECTICUT                    )  
  ) ss:     Orange                    April 7, 2015  
COUNTY OF NEW HAVEN                 )

CHRISTOPHER HUGHES, being duly sworn, states:

1. I am the Project Manager for The United Illuminating Company ("UI" or the "Company") located at 180 Marsh Hill Road, Orange, Connecticut. I am over the age of eighteen years and understand the obligations of making statements under oath.

2. I am familiar with the Petition of The United Illuminating Company for a Declaratory Ruling that No Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to the 115-kV transmission lines structures outside of Milvon Substation in Milford, Connecticut (the "Petition").

3. I hereby certify, in accordance with Regulations of Connecticut State Agencies Section 16-50j-40 that a copy of the Petition was mailed on April 7, 2015 to the following:


The Honorable Benjamin G. Blake  
Mayor, City of Milford  
City Hall, 110 River Street  
Milford, CT 06460

4. Additionally, I hereby certify, in accordance with Regulations of Connecticut State Agencies Section 16-50j-40 that a copy of the Petition was mailed on April 7, 2015 to owners of property that abuts the right-of-way adjacent to Milvon substation. The table below lists the property owners to whom the petition was provided.

<b>Owner Name</b>	<b>Address</b>
Stephen J. Courtney	762 Bridgeport Avenue Milford, CT 06461
750 Bridgeport Avenue LLC	750 Bridgeport Avenue Milford, CT
State of CT, Department of Transportation	CDOT Corridor
Kingdom Life Christian Church Inc.	553 West Avenue Milford, CT 06461
770 Bridgeport Avenue LLC	770 Bridgeport Avenue Milford, CT 06461
Stephen Courtney	804 Bridgeport Avenue Milford, CT 06461
Stephen Courtney	74 Washington Street Milford, CT 06461
H & S Olson LLC	773 Bridgeport Avenue Milford, CT 06461
Stephen J. Courtney	767 Bridgeport Avenue Milford, CT 06461
675 West Avenue LLC	675 West Avenue Milford, CT 06461

  
 Christopher Hughes

Subscribed and sworn to before me  
 this 7th day of April, 2015

  
 Notary Public/  
 Commissioner of Superior Court

**LISA S. JOHNSON**  
 NOTARY PUBLIC  
 MY COMMISSION EXPIRES SEPT. 30, 2019

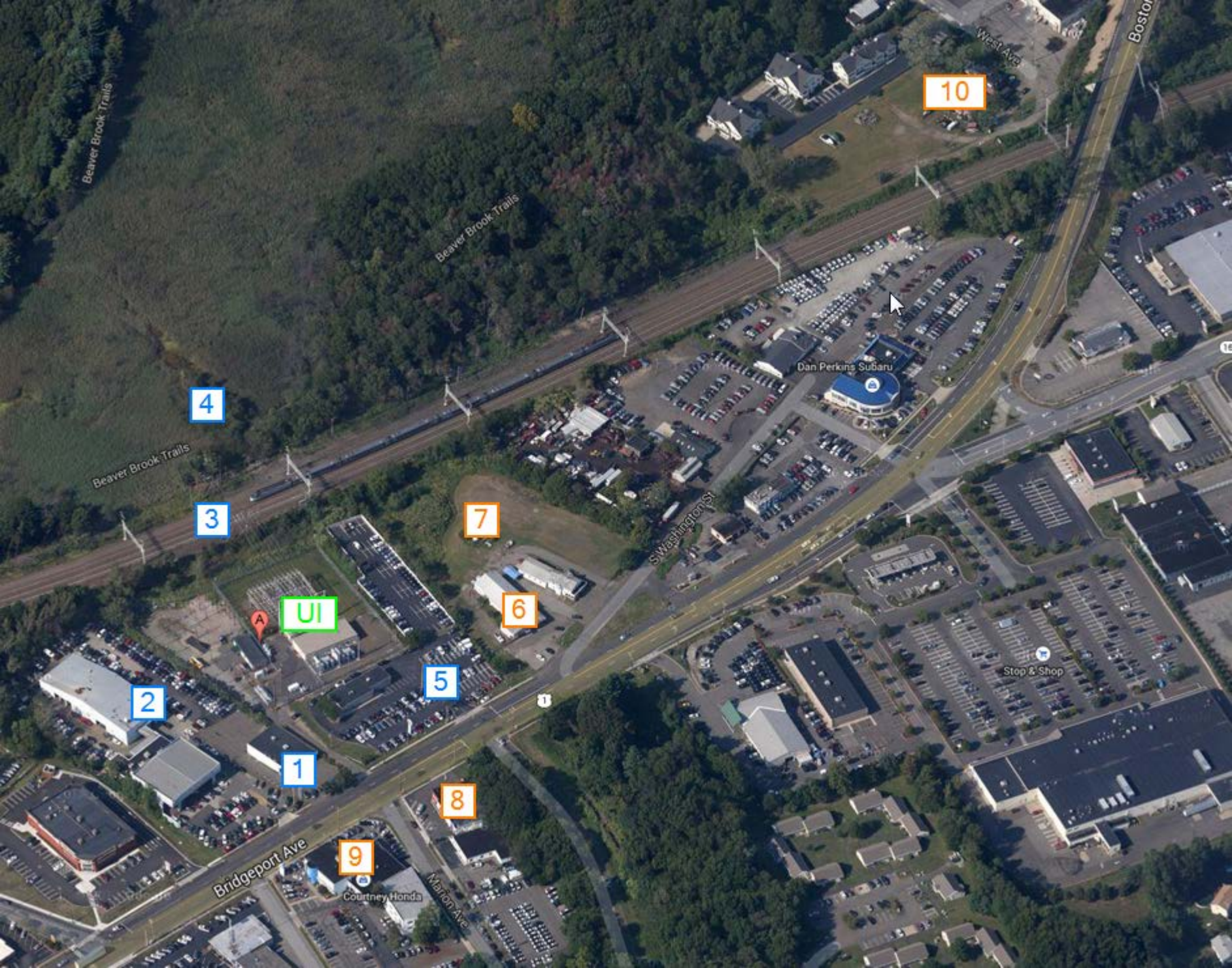


# Milvon Take-off Structures adjacent properties

1	762 Bridgeport Avenue	033-386A-0003A	Stephen J. Courtney	767 Bridgeport Avenue	Courtney Honda	1
2	750 Bridgeport Avenue	033-386A-00003	750 Bridgeport Avenue LLC	same	Bob's Buick GMC	1
3	CDOT Corridor		State of CT, Department of Transportation	c/o Julie Thomas 50 Union Avenue New Haven, CT	RR corridor	1
4	553 West Avenue	042-0335-00001	Kingdom Life Christian Church Inc.	597 Naugatuck Avenue	Vacant land	1
5	770 Bridgeport Avenue	033-386A-0004A	770 Bridgeport Avenue LLC	908 Bridgeport Avenue	Kia of Milford	1
6	804 Bridgeport Avenue	033-386A-00005	Stephen Courtney	same	Fairchild Trailer Sales	1
7	74 Washington Street	033-386A-00006	Stephen Courtney	804 Bridgeport Avenue	Connecticut Pre-Owned LLC	1
8	773 Bridgeport Avenue	033-213-00009	H & S Olson LLC	same	Painters Supply	1
9	767 Bridgeport Avenue	033-0212-0011A	Stephen J. Courtney	same	Courtney Honda	1
10	675 West Avenue	043-0335-00002	675 West Avenue LLC	171 Housatonic Avenue	Dr. Bugs	1
UI	772 Bridgeport Avenue	033-386A-00004	The United Illuminating Company	Annette Potasz 180 Marsh Hill Road Orange, CT 06477	subject	
						10







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UI

Dan Perkins Subaru

Stop & Shop

Courtney Honda

Beaver Brook Trails

Beaver Brook Trails

Beaver Brook Trails

Washington St

Bridgeport Ave

Marion Ave

Boston

West Ave