

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

AMENDED PETITION OF T-MOBILE	:	PETITION NO. 395A
NORTHEAST LLC ("T-MOBILE) FOR A	:	
DECLARATORY RULING ON THE NEED TO	:	
OBTAIN A SITING COUNCIL CERTIFICATE	:	
FOR THE RELOCATION OF AN EXISTING	:	
WIRELESS TELECOMMUNICATIONS FACILITY	:	
ON A HIGH TENSION POWER LINE STRUCTURE	:	
WITHIN AN EXISTING EVERSOURCE	:	
TRANSMISSION EASEMENT	:	
OFF OF OLD STATION ROAD (A/K/A 15 OLD	:	
DANBURY ROAD) IN WILTON, CT	:	AUGUST 13, 2016

AMENDED PETITION FOR A DECLARATORY RULING TO  
RELOCATE A WIRELESS TELECOMMUNICATIONS FACILITY  
FROM EXISTING EVERSOURCE TRANSMISSION TOWER #2997 TO  
APPROVED REPLACEMENT TRANSMISSION TOWER #2997  
OLD STATION ROAD (A/K/A 15 OLD DANBURY ROAD), WILTON, CT

I. Introduction

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies ("R.C.S.A."), T-Mobile Northeast LLC ("T-Mobile") hereby petitions the Connecticut Siting Council (the "Council") for a declaratory ruling ("Petition") that no Certificate of Environmental Compatibility and Public Need ("Certificate") is required under Section 16-50k(a) of the Connecticut General Statutes ("C.G.S") in order to relocate an existing wireless telecommunications facility approved by the Siting Council in Petition #395. A copy of the Council's staff report in Petition 395 is annexed hereto in Attachment A. Eversource requires T-Mobile to permanently relocate from existing transmission tower structure #2997 to a planned new tower that will be replaced as per the approval granted in Siting Council Petition 1225 ("Approved Tower"). See Attachment B. The new transmission tower structure #2997 will be located adjacent to the site of the current transmission tower located off of Old Station Road (a/k/a 15 Old Danbury Road) in Wilton, CT (the "Site"). T-Mobile must construct its Relocation Facility ("Relocation Facility") during the necessary line outage required for installation of the Approved Tower.

II. Existing Facility and Eversource Project

The Siting Council approved the original facility in 1998 in Petition #395. The existing antennas are part of a power mount installed on existing transmission tower #2997 with equipment located at grade in an existing Eversource right-of-way (“Existing Facility”). Eversource structure #2997 is part of the supporting infrastructure for Eversource’s Line 1682, a 115-kilovolt (kV) transmission line extending through the south-central section of Wilton adjacent to the Metro-North Railroad. The existing tower #2997 is a double-circuit, steel lattice tower tangent structure. T-Mobile’s equipment is located in an approximately 6’ x 10’ concrete pad beneath the tower. Access to the Existing Facility is from Wilton Station, a commuter train parking lot. Power and communications will continue to remain underground extending from an existing utility pole to the ground equipment.

Eversource is rebuilding and reconductoring approximately two miles of its existing Line 1682, a 115-kV transmission line within an existing right-of-way from the Wilton Substation at 53 Old Danbury Road in Wilton to Norwalk Junction at 111 Danbury Road, also in Wilton. Tower #2997 will be replaced with a double-circuit, galvanized steel tangent monopole structure on foundation. Eversource notified T-Mobile that the Existing Facility must be removed and relocated to the planned replacement tower and T-Mobile and Eversource have since coordinated on permanent relocation plans that are incorporated into this Amended Petition for the Relocation Facility.

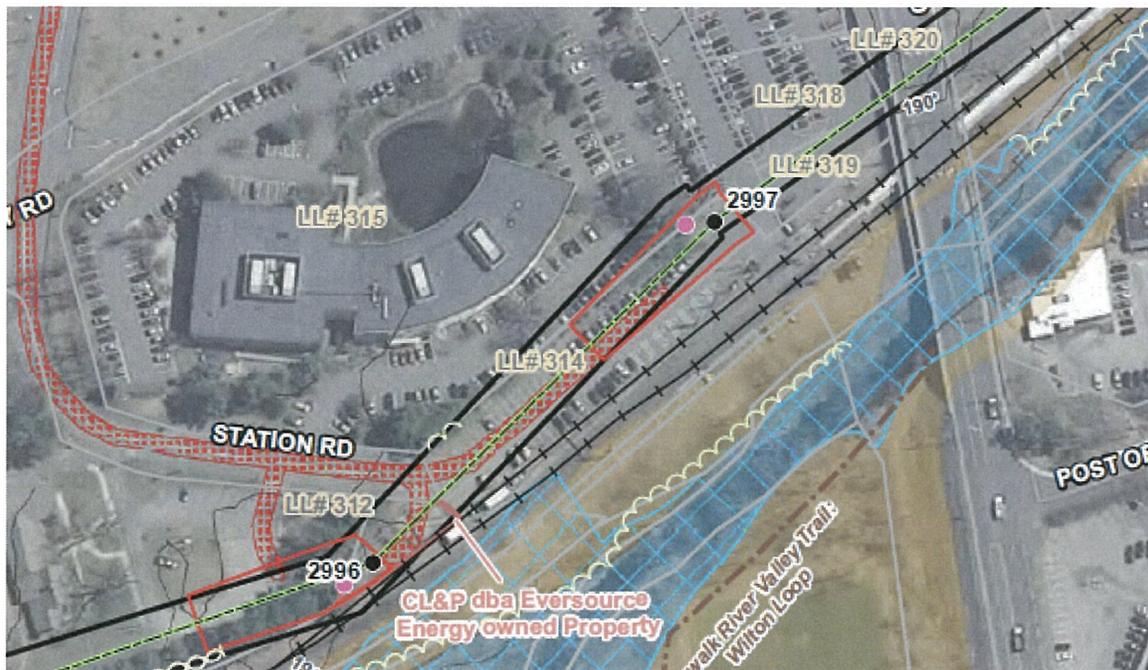


Figure 1 Zoom-in image capture of project area as provided by Eversource in Siting Council Petition #1225. The “work pad” area for tower #2997 is outline in red, the existing tower location is identified in pink while the new tower location is depicted in black.

### III. T-Mobile Relocation Facility

Federal Communications Commission ("FCC") licenses T-Mobile to provide wireless services in this area of the State of Connecticut. The Existing Facility has provided T-Mobile wireless services to a large area of Wilton for 17 years. T-Mobile's proposed permanent relocation to existing transmission tower structure #2997 consists of an adjustable chain mount and antennas that will extend to approximately 121' AGL. T-Mobile will install three (3) panel antennas, along with associated equipment, at a centerline height of approximately 119' AGL, with the top of the antennas reaching an overall height of 121' on the 124' tall replacement Eversource transmission structure.

Access to the Relocation Facility is from Wilton Station, a commuter train parking lot. The Replacement Facility will use existing electric and communication connections running underground from a utility pole on Danbury Road. All of the improvements are located within an existing Eversource right-of-way.

Included as Attachment C is a letter of authorization from Eversource granting AT&T the authority to file this Petition. Included as Attachment D are detailed drawings prepared by Centek Engineering, last revised August 8, 2016 providing plans, elevations, site details, site utility plans, abutters map and other aspects of the proposed Replacement Facility. Annexed hereto as Attachment E is a structural letter prepared by Centek Engineering dated August 16, 2016, concluding that the new pole will be adequate to support T-Mobile's proposed facility.

Adjacent land uses include the Eversource electric transmission towers and rights-of-way, Metro-North railroad, commercial uses along Routes 7 and 33. A Town park including the Norwalk River Valley Trail and the Wilton Metro-North train station are also adjacent.

### IV. The Relocated Facility Will Not Have a Substantial Adverse Environmental Effect

#### A. Site Footprint

A comparison of existing and proposed conditions as part of Petition 395 and this amendment to the approved plans reveals no substantial adverse environmental impacts associated with the mandatory relocation of T-Mobile's Existing Facility. The Relocation Facility consists of a similar power mount that will be constructed within the limits of the existing transmission line right-of-way. T-Mobile proposes no ground disturbance or tree clearing and no impacts to wetlands or other natural resources are anticipated.

#### B. Compliance with MPE Limits

A power density report is included in Attachment F which notes the facility will be less than 3% of the federal and state emission standards for the general public. As such, the total radio frequency power density will be well within the standards adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and the MPE limits established by the Federal Communications Commission for the public.

C. Visibility

The proposed T-Mobile installation will not significantly alter the appearance of the Approved Tower and the installed antennas will be similar in appearance to the existing facility. A picture of the existing facility is included in Attachment G. The Relocation Facility requires no FAA lighting or marking as per the TOWAIR report included in Attachment H.

D. Species and Habitat Review

Review of the Department of Energy and Environmental Protection's Natural Diversity Database mapping indicates no area of concern around the site. Please see NDDDB map included in Attachment I. T-Mobile's Replacement Facility involves little to no ground disturbance and is in essence a minor modification of the Eversource Plans for the installation of the Approved Tower.

V. Public Need

The existing facility has been part of T-Mobile's wireless network providing reliable service in this part of the Town of Wilton for approximately 18 years. While the Council does not have to find a public need for the relocation facility as part of a ruling on this Amended Petition, it is respectfully submitted that the Relocated Facility is critical to providing continued, reliable wireless service to the public living in and traveling through this area of the state. Moreover, this project is consistent with the state policy to avoid the proliferation of towers.

VI. Notice

Pursuant to R.C.S.A. Section 16-50j-40(a), notice of T-Mobile's intent to file this Amended Petition was sent to each person appearing of record as an owner of property that abuts the site, as well as the appropriate municipal officials as listed in Section 16-50e of the C.G.S. Certification of such notice, a copy of the notice and the list of property owners and municipal officials are included in Attachment J.

VII. Conclusion

As set forth above, the proposed Relocated Facility is essentially a minor modification of the Approved Tower already reviewed in Petition 1225. Shared use

of such infrastructure is wholly consistent with legislative findings outlined in Section 16-50g and 16-50aa of the General Statutes of Connecticut that seek to avoid the unnecessary proliferation of towers in the State. Further, there are no known adverse environmental effects associated with the Relocation Facility. Therefore and for all of the foregoing reasons, T-Mobile petitions the Connecticut Siting Council for an amended approval in Petition #395 and not require a Certificate of Environmental Compatibility and Public Need for the relocation and that the Council issue an order approving the Amended Petition.

Respectfully submitted

T-MOBILE NORTHEAST LLC

By: 

Eric Dahl

Vertical Development, LLC

Agent for T-Mobile Northeast LLC

(860) 227-1975

[edahl@comcast.net](mailto:edahl@comcast.net)

cc: Lynne Vanderslice, First Selectman Town of Wilton  
Michael J. Green, Eversource  
T-Mobile

# **ATTACHMENT A**

Petition No. 395  
Wilton, Connecticut  
Omnipoint Communications Inc.

Staff Report  
July 9, 1998

On June 22, 1998, the Connecticut Siting Council (Council) Executive Director, Joel M. Rinebold, Council members Brian Emerick and Ed Wilensky, and Paul Aresta and Robert Erling of the Council Staff met with Sharon Burrows, Kenneth Jenkins, Michael Lund, Steven Lingard and Brian Weinstein of Omnipoint Communications, Inc. (Omnipoint) for a field review on a petition in the Town of Wilton, Connecticut. Omnipoint is petitioning the Council for a determination that no Certificate of Environmental Compatibility and Public Need (Certificate) would be required for modifications to an existing Connecticut Light and Power (CL&P) electric transmission line facility in Wilton. Omnipoint submits no Certificate would be required because the addition of the antenna and associated equipment would not have a substantial adverse environmental effect.

Omnipoint proposes to attach one dual pole PCS antenna to existing CL&P transmission line structure number 2997, located off of Old Station Road in Wilton, Connecticut. Access would be from Wilton Station, a commuter train parking lot. A temporary 15-foot by 20-foot staging area would be built immediately west of the base of the 90-foot CL&P lattice tower. All proposed construction would take place within the existing CL&P Right-of-Way (ROW). The top of the Omnipoint Accelerator antenna would extend to approximately 98 feet 8 inches above ground level (AGL) on the tower. The proposed antenna is 72 inches in height, 16 inches in diameter, and weighs 150 lbs. The communications equipment would be installed in an equipment cabinet placed on a 10-foot by 5.5-foot concrete pad located within the legs of the tower. There are no wetlands at the tower site. Some existing brush would be trimmed inside the tower base. The total calculated radio frequency power density at the base of the tower would be 0.0179 mW/cm<sup>2</sup>, 1.8 percent of the maximum permissible exposure for uncontrolled environments based on Federal Communications Commission (FCC) Bulletin 65, August 1997.

# **ATTACHMENT B**



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

### CERTIFIED MAIL RETURN RECEIPT REQUESTED

May 27, 2016

Kathleen M. Shanley  
Manager-Transmission Siting  
Eversource Energy  
P.O. Box 270  
Hartford, CT 06141-0270

RE: **PETITION NO. 1225** – Eversource Energy petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed rebuilding and reconductoring of approximately two miles of its existing No. 1682 115-kV transmission line within existing right of way from the Wilton Substation at 53 Old Danbury Road, Wilton to Norwalk Junction at 111 Danbury Road, Wilton, Connecticut.

Dear Ms. Shanley:

At a public meeting held on May 26, 2016, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need, with the following conditions:

1. Eversource provide to the Council a copy of SHPO's response and/or mitigation measures in regards to the professional archeological reconnaissance survey to be conducted;
2. Eversource notify the Council of changes to construction work hours and that approval of any changes in work hours be delegated to staff;
3. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
4. Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the Town of Wilton;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. The facility owner/operator shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v;



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7. This Declaratory Ruling may be transferred, provided the facility owner/operator/transferor is current with payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v and the transferee provides written confirmation that the transferee agrees to comply with the terms, limitations and conditions contained in the Declaratory Ruling, including timely payments to the Council for annual assessments and invoices under Conn. Gen. Stat. §16-50v; and
8. If the facility owner/operator is a wholly owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition dated April 1, 2016 and additional information dated May 12, 2016 and May 13, 2016.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,

Handwritten signature of Robert Stein in black ink, with the initials "NAB" written to the right of the signature.

Robert Stein  
Chairman

RS/RDM/lm

Enclosure: Staff Report dated May 26, 2016

c: The Honorable Lynne Vanderslice, First Selectman, Town of Wilton  
Robert Nerney, Director of Planning and Land Use Management, Town of Wilton



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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[www.ct.gov/csc](http://www.ct.gov/csc)

**Petition No. 1225  
Eversource Energy  
1682 Line Upgrade Project - Wilton**

**Staff Report  
May 26, 2016**

### **Introduction**

On April 1, 2016, the Connecticut Siting Council (Council) received a petition (Petition) from The Connecticut Light and Power Company d/b/a Eversource Energy (Eversource) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for proposed modifications to transmission line no. 1682 in the Town of Wilton. Council Chairman Robert Stein, Council Acting Executive Director Melanie Bachman, and Council staff member Robert Mercier conducted a field review of the proposed project on May 18, 2016. Eversource representatives in attendance included Kathleen Shanley, Fred Mattioli, Peter Novak, and Devleena Ghosh-Brower.

The purpose of the proposed project is to eliminate potential transmission system thermal and voltage criteria violations in the area that were identified in the June 2014 Southwest Connecticut Area (SWCT) Needs Assessment performed by ISO New England (ISO-NE) and in accordance with the February 2015 SWCT ISO-NE Solutions Study. In addition, the Project will meet Eversource's storm hardening requirements due to the proposed line design exceeding the structural loading criteria.

### **Proposed Project**

Eversource proposes to modify a 1.85 mile section of Eversource's Line 1682, a 115-kilovolt (kV) transmission line extending through the south-central section of Wilton, adjacent to the Metro-North Railroad. Specifically, the Project entails the following components:

- a. Replacement of the eight existing double-circuit, steel lattice tower tangent structures (structures 3000, 3001, 3002, 3003, 3008, 3009, 3012 and 3013) with direct-embedded, double-circuit galvanized steel tangent monopole structures.
- b. Replacement of the seven existing double-circuit, steel lattice tower tangent structures (structures 2995, 2996, 2998, 3005, 3006, 3007 and 3010) with double-circuit, galvanized steel tangent monopole structures on foundations.
- c. Replacement of the four existing double-circuit steel lattice tower strain structures (structures 2994, 2997, 2999 and 3011) with double-circuit galvanized strain steel monopoles on foundations.
- d. Replacement of the existing transmission 556-kcmil aluminum conductor with steel reinforced conductor with new 1590-kcmil aluminum conductor with steel support conductor, which would be supported on the new double-circuit galvanized steel monopole structures within Eversource's right-of-way.
- e. Installation of OPGW and 19#10 Alumoweld shield wires.



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The work would occur in existing Eversource right-of-way (ROW) between the Wilton Substation and the Norwalk Junction Substation. The 1682 Line and a 27.6-kV distribution circuit are the only electric lines within this section of ROW. The ROW was established in 1943 and varies in width from 40 to 110 feet.

The new structures would be direct-embedded or installed on concrete foundations depending on the structure location and underlying soil conditions. The new structures would be located as close to the existing structures as possible.

The existing lattice structures range in height from 64 feet to 101 feet above ground level (agl). The proposed monopole structures would be 7 feet to 26 feet taller than the existing structures, with a maximum height of 119 feet agl. The increase in structure height is required to comply with the 2012 National Electrical Safety Code conductor to ground clearance requirements, phase to phase clearance requirements and Eversource's Overhead Transmission Line Standards.

T-Mobile and AT&T have installed telecommunications antenna arrays at the top of existing lattice structures no. 2997 and no. 2998, respectively. Eversource would design the new monopole structures at these locations so that they can accommodate replacement antennas for both telecommunication carriers. Additionally, both of the new structures would be constructed to support a 10-foot extension for future co-location. Eversource is coordinating with the telecommunications carriers regarding construction sequencing.

### **Project Construction and Work Procedures**

Construction areas would be isolated by establishing erosion and sedimentation controls (E&S controls) in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* and Eversource's Best Management Practices (Eversource BMPs). Typical E&S controls include, but are not limited to, the use of hay bales and silt fence, check dams, berms, swales, and sediment basins. Following the completion of construction, seeding and mulching would occur to permanently stabilize previously disturbed areas. Temporary E&S controls would remain in place until construction is complete and all disturbed areas are stabilized.

Construction along the ROW would utilize existing access roads, new access roads and spurs. Existing access roads may need to be graded, widened, and/or improved in order to be used safely and effectively during construction. Existing access road improvements as well as new access roads would include clearing adjacent vegetation and establishing a gravel travel surface approximately 16 to 20 feet wide. However, where access roads traverse streams or wetlands, temporary construction mats would be utilized.

At each transmission line structure site, a 100-foot by 100-foot work pad would be constructed to stage material for final on-site assembly. Construction of a work pad may require the removal of vegetation, grading and the installation of gravel to provide a safe, level work base for the construction equipment.

The new structure sections and associated materials and hardware would be delivered by truck and would be stored at a nearby staging area. The new structure would be delivered to the installation location in sections, and then it would be assembled and installed with a crane. Insulators and connecting hardware would be installed on most structures at this time.

The installation of the overhead line conductors and shield wires would require the use of special pulling and tensioning equipment, which would be positioned at the work pad locations. Helicopters may be used for conductor and shield wire pulling activities. Additionally, a 27.6-kV distribution line that is attached to the lattice structures would be relocated to the new monopole structures. Once the new lines are installed on the new monopoles, the old lattice towers and associated equipment would be removed and either recycled or disposed in accordance with Eversource BMPs and applicable regulations.

Access roads and/or structure work pads that are constructed in upland areas would be left in place to facilitate future maintenance, unless requested to be removed by the underlying property owner.

Eversource anticipates beginning construction during summer of 2016 with completion by December 2017. Normal work hours would be Monday through Saturday from 7:00 a.m. to 7:00 p.m. Sunday work hours or hours beyond normal work hours may be required for time sensitive work during or for scheduled Metro-North Railroad outages. Eversource would coordinate work hours with the Town of Wilton and abutting property owners when work beyond normal work hours is necessary.

The Project would traverse some maintained lawn areas, driveways and parking lots that exist in the ROW. Eversource would coordinate with affected property owners to maintain necessary access as well as restore disturbed areas upon completion of construction.

### **Environmental Considerations**

Land-use in the Project area consists of a mix of commercial, residential and undeveloped lands. Although the Project includes slightly taller towers than what presently exists, the Project is located along busy transportation corridors (Route 7 and the Metro-North Railroad) and already contains a transmission line, and, as such, would have a negligible visual impact. Additionally, the new monopole structures would have a more streamlined appearance than the existing lattice structures and would be essentially in the same location as the existing lattice structures.

Several open space parcels, a Town park, and a recreation trail are located near the Project area. Given their location west of the Metro-North Railroad, the construction of the Project would have no direct impacts on these recreational resources.

Removal of mature vegetation would be minimal as all work would occur within a maintained ROW. The existing cleared area of the ROW varies in width from 40-60 feet. All clearing would be conducted in accordance with Eversource's BMPs. Eversource would coordinate with affected property owners to provide replacement plantings in areas where existing landscaping or visual buffers are removed during construction.

Cultural resources surveys identified two areas within the ROW that have a moderate/high potential to produce intact cultural deposits. Eversource is coordinating with the State Historic Preservation Office (SHPO) regarding additional survey work in these areas and would comply with any subsequent SHPO mitigation requirements. In addition to these potential archeological deposits, one historic building on the National Register of Historic Places is approximately 600 feet from the ROW. No adverse impacts to this historic building are anticipated.

No records of State-listed endangered, threatened, or special-concern species occur in the vicinity of the project area. Although the Petition initially identified one listed species, Eversource reviewed this information and determined this finding was related to work in a different portion of the existing ROW that was to be included as part of this Petition, but now will be submitted as a separate petition in the future. This listed species is not known to occur near the Project area.

Construction of the Project would require the installation of temporary construction mats in three separate wetland areas to access work pad locations, affecting a total of 0.85-acre of wetlands. The temporary mats would be removed upon completion of construction and disturbed wetland areas would be restored in accordance with Eversource BMPs. Additionally, 50 square feet of wetlands would be permanently filled for the installation structure no. 3006. Due to the amount of the wetlands in this area, it is not possible to relocate the structure to avoid permanent wetland impact. No vernal pools were identified within the Project area.

Eversource may need to cross the Norwalk River or an associated tributary to access several structures. Watercourse crossings would be conducted in accordance with Eversource's BMPs and would utilize temporary matting to reduce impact to riverbanks. Disturbed areas would be restored in accordance with Eversource BMPs.

Three of the new structures would be located in a FEMA 100-year flood zone and would not impact the base flood elevation as a result of construction. Based on a hydraulic analysis, structures nos. 3005, 3006, and 3007 would be constructed on new drilled shaft foundations that are eight feet in diameter, extending five feet above the base flood elevation, and would conform to compensatory flood storage requirements.

No public water supply reservoirs are located in the vicinity of the proposed project. The Project is not located within an aquifer protection area.

Construction-related noise is exempt per DEEP noise regulations. Notwithstanding, any construction-related noise would be short-term and localized in the vicinity of work sites. There would be no permanent changes to the existing sound levels along the transmission right-of-way after completion of the project.

### **Magnetic Fields**

Eversource reviewed magnetic field (MF) levels associated with the Project. The Project route already contains an existing transmission line and a distribution line that both emit MF. In the United States, no state or federal exposure standards for 60-hertz MF based on demonstrated health effects have been established, nor are there any such standards established world-wide. However, the International Commission on Non-Ionizing Radiation Protection (ICNIRP) has established a level of 2,000 milliGauss (mG), based on extrapolation from scientific experimentation, and the International Committee on Electromagnetic Safety (ICES) has calculated a guideline of 9,040 mG for exposure to workers and the general public, and recognized in the Council's *Electric and Magnetic Field Best Management Practices for the Construction of Electric Transmission Lines in Connecticut*.

Calculations performed by Eversource indicate MF would increase slightly along the west edge of the ROW (facing the railroad) and decrease slightly along the east edge of the ROW under average loading conditions. These values, 5.0 mG and 12.1 mG, respectively, are well below the guidelines established by ICNIRP and ICES.

### **Municipal and Abutter Notice**

Eversource began Project consultation with the Town of Wilton in February 2016. Formal notice of the Petition was provided to the Town and abutting property owners on or about April 1, 2016. The Council has not received any comments from property abutters or the Town to date.

### **Recommended Conditions**

Staff recommends the following conditions:

- Eversource provide to the Council a copy of SHPO's response and/or mitigation measures in regards to the professional archeological reconnaissance survey to be conducted; and
- Eversource notify the Council of changes to construction work hours and that approval of any changes in work hours be delegated to staff.

# **ATTACHMENT C**



107 Selden Street  
Berlin, CT 06037

August 9, 2016

Steven Andrade  
Area Director, CT and UPRY  
T-Mobile Northeast LLC  
35 Griffin Road, South  
Bloomfield, CT 06002

Re: Site Permitting Authorization

Dear Mr. Andrade,

Authorization is hereby given to T-Mobile Northeast LLC, its employees and its duly authorized agents and independent contractors (hereinafter collectively referred to as "T-Mobile Northeast LLC"), to apply for any and all local municipal, state and federal licenses, permits and approvals, including but not limited to Connecticut Siting Council, building permits, zoning variances, zoning special exceptions, site plan and subdivision approvals, driveway, wetlands and terrain alteration permits, which are or may be necessary or required for T-Mobile Northeast LLC to construct, operate and maintain a wireless communications system (PCS System), and/or antenna site on the following property owned by The Connecticut Light & Power Company dba Eversource Energy (ES):

15 Old Danbury Road  
Wilton, CT 06897  
Structure #2997  
CT11101B

The foregoing authorization is given subject to the following conditions:

1. This authorization shall be nonexclusive. Nothing herein shall prevent or restrict ES from authorizing any other person or entity to apply for any similar licenses, permits or approvals to construct, operate and maintain any other communication system or facility of any type on the property at any time.
2. This authorization shall not obligate ES to pay for or reimburse any costs or expenses or to provide any assistance of any kind in connection with any applications, or bind or obligate ES to agree or be responsible for any on-site or off-site improvements, development restrictions, impact fees or assessments, capital improvement charges, bonds or other security, or any other fee, assessment, charge or expense imposed or required as a condition of any license, permit or approval. T-Mobile Northeast LLC shall be solely and fully responsible for all fees, charges costs and expenses of any kind in connection with any applications. ES agrees to reasonably cooperate with T-Mobile Northeast LLC in signing such applications or other similar documents as may be required in order for T-Mobile Northeast LLC to apply for any license, permit or approval.



107 Selton Street  
Berlin, CT 06037

3. This authorization shall not be deemed or construed to grant or transfer to T-Mobile Northeast LLC any interest in the property, whatsoever, and shall not in any respect obligate or require ES to sell, lease or license the Property to T-Mobile Northeast LLC or otherwise allow T-Mobile Northeast LLC to use or occupy the property for any purpose, regardless of whether any licenses, permits and approvals applied for by T-Mobile Northeast LLC for the property are granted. T-Mobile Northeast LLC understands and acknowledges that any and all applications filed by T-Mobile Northeast LLC for the property at T-Mobile Northeast LLC' sole risk and without any enforceable expectation that the property will be made available for T-Mobile Northeast LLC' use.
4. T-Mobile Northeast LLC shall be required to supply to ES, free of charge and contemporaneous with T-Mobile Northeast LLC' filing of same, a complete copy of any and all applications, plans, reports and other public filings made by T-Mobile Northeast LLC with any local, municipal, state or federal governmental or regulatory officer, agency board, bureau, commission or other person or body for any licenses, permits or approvals for the property, and to keep ES fully informed on a regular basis of the status of T-Mobile Northeast LLC' applications.
5. This authorization shall automatically expire six (6) months after the date of this letter, unless extended in writing by mutual agreement of ES and T-Mobile Northeast LLC.

Very truly yours,

Henry O'Brien, Real Estate Analyst  
T & D/ROW & Survey Engineering  
Eversource Energy

AGREED TO ON BEHALF OF  
T-MOBILE NORTHEAST LLC

By: \_\_\_\_\_

Duly Authorized

Steven Andrade  
Director Eng & Ops  
Connecticut & DEWY

Date: \_\_\_\_\_

8/9/16

15 Old Danbury Road  
Wilton, CT 06897  
Structure #2907  
CT111018

# **ATTACHMENT D**



# STRUCTURAL SPECIFICATIONS

## DESIGN BASIS

1. GOVERNING CODES: 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2005 OF STATE BUILDING CODE AND 2008 AMENDMENTS.
2. TIA/OSI-222-F-1984, ASCE MANUAL NO. 72 - DESIGN OF STEEL, TIMBER/STEEL JOINT STRUCTURES SECOND EDITION, PART C2-2007 AND HANDBOOK UTILITIES DESIGN MANUAL.
3. DESIGN CRITERIA:  
WIND: ASCE 7-05 (MINIMUM WIND SPEED: 115 MPH)  
SEISMIC: ASCE 7-05 (SEISMIC ZONE: 4)  
ICE: ASCE 7-05 (ICE LOAD: 0.075 k/ft²)

## SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE TO BE PROVIDED BY AN APPROVED AGENCY. NEED FOR SPECIAL INSPECTIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER. SPECIAL INSPECTIONS SHALL BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER.

## GENERAL NOTES

1. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.
2. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE FIRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
3. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.
4. REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

## SITE NOTES

1. THE CONTRACTOR SHALL OBTAIN UTILITIES PRIOR TO THE START OF CONSTRUCTION.
2. ALL EXISTING UTILITIES, WHICH ARE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES. THE CONTRACTOR SHALL BE ADVISED IMMEDIATELY PRIOR TO PROCEEDING. SHOULD ANY UNEXPECTED EXISTING UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWARD AREAS.
5. NO FILL OR DRAINAGE MATERIAL SHALL BE PLACED ON EXISTING GRADE. FILLING MATERIAL, SNOW OR ICE SHALL NOT BE PLACED IN ANY TRENCH OR UNDERPASS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
7. THE AREAS OF THE COMPOUND DISTURBED BY THE WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
8. CONTRACTOR SHALL MAINTAIN ACCESS TO EXISTING SITE DURING CONSTRUCTION. ENGINEER CONTROL SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
9. IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL PROCEED WITH AFFECTED WORK AFTER CONSULTING WITH THE ENGINEER.
10. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE FIRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.

<b>T-MOBILE NORTH-EAST LLC</b> WIRELESS COMMUNICATIONS FACILITY <b>CL-P-P IN WILTON DTWN</b> <b>SITE ID: CTT101B</b> 15 OLD DANFERRY ROAD WILTON, CT 06897		<b>CONTEK</b> CONSTRUCTION MANAGEMENT 1000 WEST 10TH AVENUE SUITE 100 DENVER, CO 80202 TEL: 303.733.1111 WWW.CONTEK.COM
<b>MOBILE</b> 1000 WEST 10TH AVENUE SUITE 100 DENVER, CO 80202 TEL: 303.733.1111 WWW.MOBILE.COM	<b>CONSTRUCTION CHANGES - ISSUED FOR CLP-P WORK</b>	<b>REVISIONS</b> NO. DATE BY CHG BY DESCRIPTION

DESIGN BASIS  
 AND STRUCTURAL  
 SPECIFICATIONS  
**L-1**















# **ATTACHMENT E**

August 16, 2016

Mr. Matthew Bandle  
Site Acquisition Project Manager  
Vertical Development, LLC  
20 Commercial Street  
Branford, CT 06405

Re: *Structural Letter*  
*T-Mobile – Site Ref. CT11101B*  
*Eversource Structure No. 2997*  
*15 Old Danbury Road*  
*Wilton, CT 06897*

Centek Project No. 16107.00

Dear Mr. Bandle,

Centek Engineering, Inc. has reviewed the proposed T-Mobile antenna installation at the above referenced site. The purpose of the review is to determine if the proposed Sabre tower design, as performed by Sabre Industries, quote no. 16-9864, dated July 26, 2016, incorporates T-Mobile's proposed antenna configuration.

The proposed T-Mobile loading consists of the following installed at a RAD center elevation of 119-ft above grade level based on a T-Mobile RFDS, dated June 27, 2016:

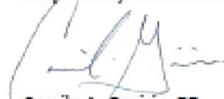
- **T-Mobile (Proposed Final Configuration):**
  - Antennas:
    - *Three (3) APX16DWW-16DWW-S-E-A20*
  - Cables:
    - *Twelve (12) 1-1/4" dia. coax cables mounted on transmission line brackets to a face of the tower.*

Based on our review of the structural analysis provided, it is our opinion that the proposed loading has been incorporated within the design of the replacement Eversource structure No. 2997.

It is noted that our review does not constitute a design, nor is it all-inclusive; the responsibility for the structural design remains with the proposed tower manufacturer's Structural engineer of record.

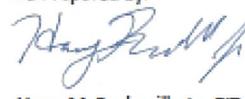
If there are any questions regarding this matter, please feel free to call.

Respectfully Submitted by:

  
Camilo A. Gaviria, PE  
Structural Engineer



As Prepared by:

  
Harry M. Rocheville Jr., EIT  
Civil Engineer

# **ATTACHMENT F**

**RADIO FREQUENCY EMISSIONS ANALYSIS REPORT  
EVALUATION OF HUMAN EXPOSURE POTENTIAL  
TO NON-IONIZING EMISSIONS**

**T-Mobile Existing Facility**

**Site ID: CT11101B**

**CL&P In Wilton Dtnw  
15 Old Danbury Rd  
Wilton, CT 06897**

**August 10, 2016**

**EBI Project Number: 6216003568**

<b>Site Compliance Summary</b>	
<b>Compliance Status:</b>	<b>COMPLIANT</b>
<b>Site total MPE% of FCC general public allowable limit:</b>	<b>2.70 %</b>

August 10, 2016

T-Mobile USA  
Attn: Jason Overbey, RF Manager  
35 Griffin Road South  
Bloomfield, CT 06002

Emissions Analysis for Site: **CT11101B – CL&P In Wilton Dtown**

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **15 Old Danbury Rd, Wilton, CT**, for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The number of  $\mu\text{W}/\text{cm}^2$  calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The general population exposure limit for the 700 MHz Band is approximately  $467 \mu\text{W}/\text{cm}^2$ , and the general population exposure limit for the 1900 MHz (PCS) and 2100 MHz (AWS) bands is  $1000 \mu\text{W}/\text{cm}^2$ . Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

## CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at **15 Old Danbury Rd, Wilton, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was focused at the base of the tower. For this report the sample point is the top of a 6-foot person standing at the base of the tower.

For all calculations, all equipment was calculated using the following assumptions:

- 1) 2 GSM channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.
- 2) 2 UMTS channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.
- 3) 2 UMTS channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.
- 4) 2 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel
- 5) Since the radios are ground mounted there are additional cabling losses accounted for. For each ground mounted RF path the following losses were calculated. 1.24 dB of additional cable loss for all ground mounted 1900 MHz channels and 1.27 dB of additional cable loss for all ground mounted 2100 MHz channels. This is based on manufacturers Specifications for 120 feet of 1-1/4” coax cable on each path.

- 6) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 7) For the following calculations the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufactures supplied specifications minus 10 dB was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 8) The antennas used in this modeling are the **RFS APX16DWV-16DWVS-E-A20** for 1900 MHz (PCS) and 2100 MHz (AWS) channels. This is based on feedback from the carrier with regards to anticipated antenna selection. The **RFS APX16DWV-16DWVS-E-A20** has a maximum gain of **16.3 dBd** at its main lobe at 1900 MHz and 2100 MHz. The maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 9) The antenna mounting height centerline of the proposed antennas is **119 feet** above ground level (AGL).
- 10) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves. There are no additional carriers listed at this facility
- 11) All calculations were done with respect to uncontrolled / general public threshold limits.

### T-Mobile Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	RFS APX16DWV-16DWVS-E-A20	Make / Model:	RFS APX16DWV-16DWVS-E-A20	Make / Model:	RFS APX16DWV-16DWVS-E-A20
Gain:	16.3 dBd	Gain:	16.3 dBd	Gain:	16.3 dBd
Height (AGL):	119	Height (AGL):	119	Height (AGL):	119
Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)
Channel Count	8	Channel Count	8	Channel Count	8
Total TX Power(W):	300	Total TX Power(W):	300	Total TX Power(W):	300
ERP (W):	9,579.09	ERP (W):	9,579.09	ERP (W):	9,579.09
Antenna A1 MPE%	2.70	Antenna B1 MPE%	2.70	Antenna C1 MPE%	2.70

Site Composite MPE%	
Carrier	MPE%
T-Mobile (Per Sector Max)	2.70 %
No Additional Carriers	NA
<b>Site Total MPE %:</b>	<b>2.70 %</b>

T-Mobile Sector A Total:	2.70 %
T-Mobile Sector B Total:	2.70 %
T-Mobile Sector C Total:	2.70 %
<hr/>	
Site Total:	2.70 %

T-Mobile _per sector	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density ( $\mu\text{W}/\text{cm}^2$ )	Frequency (MHz)	Allowable MPE ( $\mu\text{W}/\text{cm}^2$ )	Calculated % MPE
T-Mobile AWS - 2100 MHz LTE	2	1,910.52	119	10.76	AWS - 2100 MHz	1000	1.08%
T-Mobile AWS - 2100 MHz UMTS	2	955.26	119	5.38	AWS - 2100 MHz	1000	0.54%
T-Mobile PCS - 1950 MHz UMTS	2	961.88	119	5.42	PCS - 1950 MHz	1000	0.54%
T-Mobile PCS - 1950 MHz GSM	2	961.88	119	5.42	PCS - 1950 MHz	1000	0.54%
						<b>Total:</b>	<b>2.70%</b>

## Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general public exposure to RF Emissions.

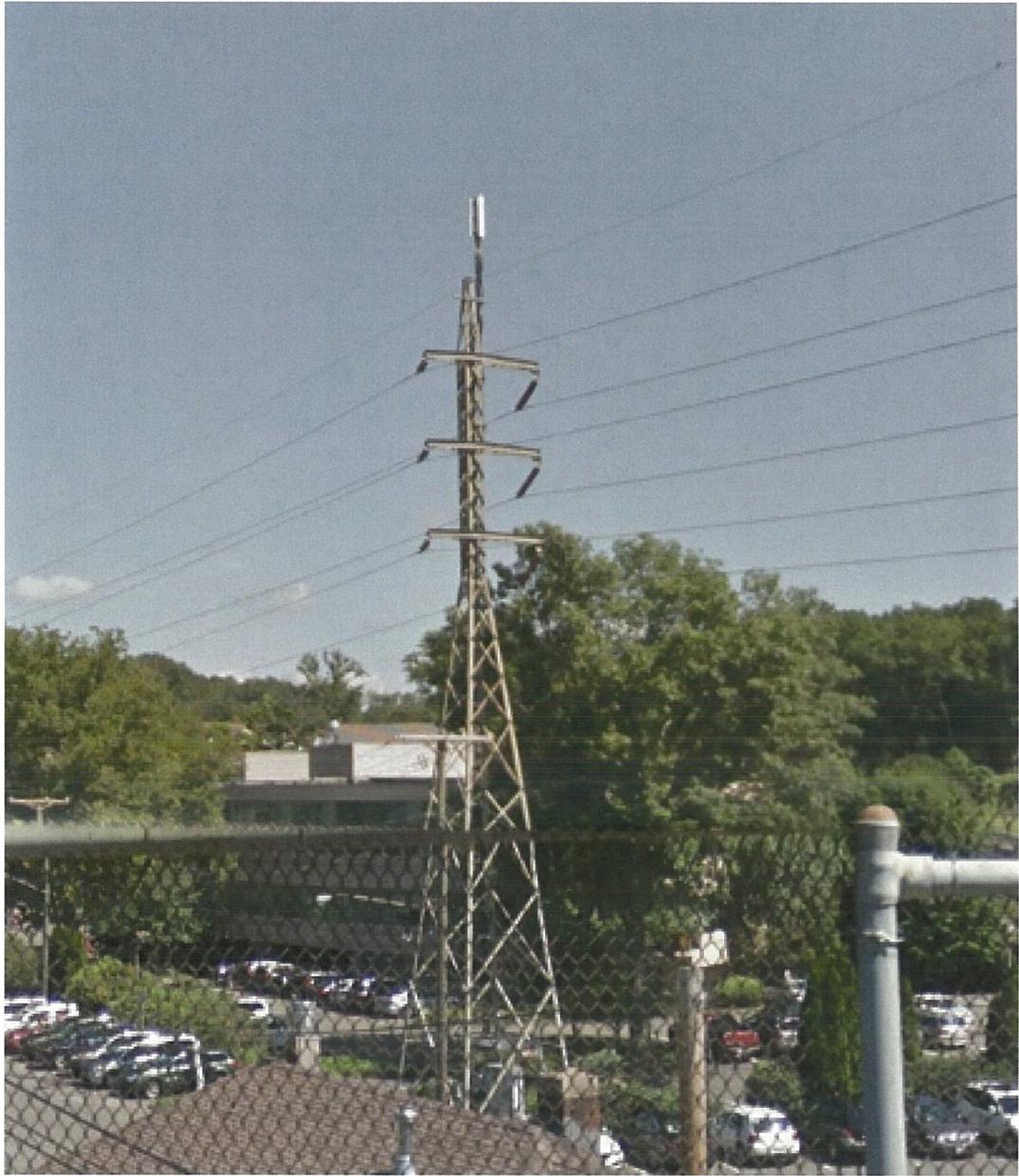
The anticipated maximum composite contributions from the T-Mobile facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general public exposure to RF Emissions are shown here:

T-Mobile Sector	Power Density Value (%)
Sector A:	2.70 %
Sector B:	2.70 %
Sector C:	2.70 %
T-Mobile Per Sector Maximum:	2.70 %
Site Total:	2.70 %
Site Compliance Status:	<b>COMPLIANT</b>

The anticipated composite MPE value for this site assuming all carriers present is **2.70%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government.

# **ATTACHMENT G**



# ATTACHMENT H



## Antenna Structure Registration

[FCC](#) > [WTB](#) > [ASB](#) > [Online Systems](#) > TOWAIR

[FCC Site Map](#)

### TOWAIR Determination Results

[? HELP](#)
[New Search](#) [Printable Page](#)

#### \*\*\* NOTICE \*\*\*

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

#### DETERMINATION Results

**Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.**

#### Your Specifications

##### NAD83 Coordinates

Latitude	41-11-46.4 north
Longitude	073-25-55.2 west

##### Measurements (Meters)

Overall Structure Height (AGL)	37.8
Support Structure Height (AGL)	NaN
Site Elevation (AMSL)	56.7

##### Structure Type

MTOWER - Monopole

#### Tower Construction Notifications

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

<b>ASR Help</b>	<a href="#">ASR License Glossary</a> - <a href="#">FAQ</a> - <a href="#">Online Help</a> - <a href="#">Documentation</a> - <a href="#">Technical Support</a>
<b>ASR Online Systems</b>	<a href="#">TOWAIR- CORES</a> - <a href="#">ASR Online Filing</a> - <a href="#">Application Search</a> - <a href="#">Registration Search</a>
<b>About ASR</b>	<a href="#">Privacy Statement</a> - <a href="#">About ASR</a> - <a href="#">ASR Home</a>

# **ATTACHMENT I**

Natural Diversity Data Base  
Areas  
WILTON, CT  
June 2016

- State and Federal Listed Species & Significant Natural Communities
- Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDb) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDb along with the required maps and information. More detailed instructions are provided with the request form on our website.

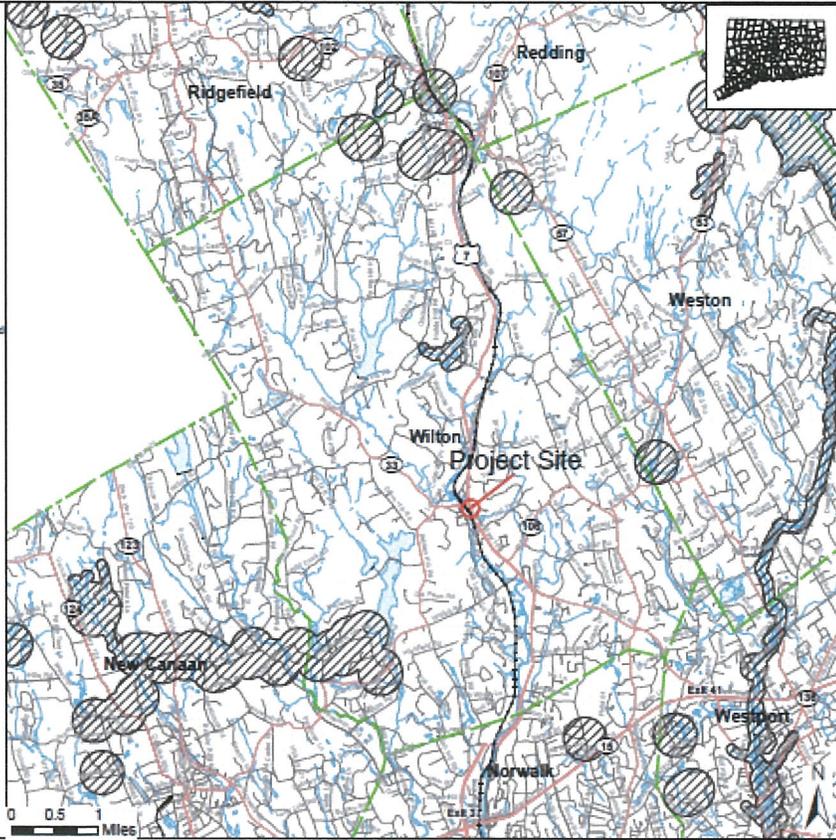
[www.ct.gov/deep/hdr/request](http://www.ct.gov/deep/hdr/request)

Use the CTECO Interactive Map Viewers at [www.cteco.com/edu](http://www.cteco.com/edu) to more precisely search for and locate a site and to view aerial imagery with NDDb Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)  
79 Elm St., Hartford CT 06106  
Phone (860) 424-3011



Connecticut Department of  
Energy & Environmental Protection  
Bureau of Natural Resources  
in its 13 years



# ATTACHMENT J

August 11, 2016

VIA USPS CERTIFIED MAIL/  
RETURN RECEIPT REQUESTED

<<Name\_and\_Address>>

RE: T-Mobile Northeast LLC ("T-Mobile")  
Proposed Replacement Facility on Eversource Tower  
Old Station Road, Wilton, CT

Dear Sir or Madam

We are writing to you on behalf of our client T-Mobile Northeast LLC ("T-Mobile") with respect to the above referenced matter and our client's intent to file a petition with the State of Connecticut Siting Council for approval of a proposed wireless communications tower facility (the "Facility") within the Town of Wilton.

State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file a petition with the Siting Council.

Included with this letter please find a Notice of this submission and details of the proposal. The location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes § 16-50g et seq.

If you have any questions concerning this petition, please contact the Connecticut Siting Council or the undersigned after August 17, 2016, the date that the petition is expected to be on file.

Sincerely,

Eric Dahl  
Enclosure

## NOTICE

Notice is hereby given, pursuant to Section 16-50j-40(a) of the Regulations of Connecticut State Agencies of a Petition to be file with the Connecticut Siting Council (“Siting Council” on or after August 17, 2016 by T-Mobile Northeast LLC (“T-Mobile”) the (“Petitioner”). T-Mobile seeks a declaratory ruling that replacement of an existing wireless facility does not have significant adverse environmental effects that might otherwise require a certificate of environmental compatibility and public need (“Certificate”).

T-Mobile currently maintains an operational facility on an existing electrical transmission tower #2997 off of Old Station Road in Wilton. Eversource recently received approval to replace this and several other transmission towers in the Route 7 corridor as part of a necessary upgrade project (Siting Council Petition 1225). Accordingly, T-Mobile must permanently relocate from existing transmission structure #2997 to the newly approved tower. The new transmission tower structure #2997 will be immediately adjacent to the site of the current transmission tower off of Old Station Road in Wilton, Connecticut (the “Relocation Facility”).

If feasible, T-Mobile will coordinate with Eversource to construct the Relocation Facility at the same time Eversource is replacing the tower and during the necessary transmission line outage.

The Petition will provide details of the Relocation Facility and explain why it represents no significant adverse environmental effects. The location, height and other features of the facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq.

Copies of the Petition will be available for review during normal business hours on or after August 17, 2016 at the following:

Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Town of Wilton  
Town Clerk  
238 Danbury Road  
Wilton, CT 06897

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

Eric Dahl  
Vertical Development LLC  
20 Commercial Street  
Branford, CT 06405  
(860) 227-1975

**CERTIFICATION OF SERVICE**

I hereby certify that on the 13<sup>th</sup> of August 2016, a copy of the foregoing letter and notice were mailed by certified mail, return receipt requested to each of the abutting property owners on the accompanying list.

  
\_\_\_\_\_

Date 8/16/16

Eric Dahl  
Vertical Development LLC  
20 Commercial Street  
Branford, CT 06405

Agent for T-Mobile Northeast LLC

Addressee	Mailing Address	Mailing City	State	Zip
Thomas Daniel Jude Costello	27 Woodhill Rd	Wilton	CT	06897
Colleen P McDermott	306 Danbury Rd, Unit 2	Wilton	CT	06897
Joan D & Thomas A Moore TR	306 Danbury Rd, Unit 3	Wilton	CT	06897
Manish Maheshwari	306 Danbury Rd, Unit 4	Wilton	CT	06897
Beng-Choo Ong	306 Danbury Rd, Unit 5	Wilton	CT	06897
Stephen J Wall	306 Danbury Rd, Unit 6	Wilton	CT	06897
Kerry A Tyler	306 Danbury Rd, Unit 7	Wilton	CT	06897
Linda R & David A Gortz	306 Danbury Rd, Unit 8	Wilton	CT	06897
Sandra H & William A Hogan	306 Danbury Rd, Unit 9	Wilton	CT	06897
Patricia B & Damian V Rinaldi	306 Danbury Rd, Unit 10	Wilton	CT	06897
John A DeCarmine	306 Danbury Rd, Unit 11	Wilton	CT	06897
Robert Stanzione Jr Etal	306 Danbury Rd, Unit 12	Wilton	CT	06897
Station Place at Wilton, LLC	283 Main St	Ridgefield	CT	06877
Town of Wilton	238 Old Danbury Rd	Wilton	CT	06897
Town of Wilton	238 Old Danbury Rd	Wilton	CT	06897
State of Connecticut	2800 Berlin Tpke	Newington	CT	06111
The Conn Light & Power Co	PO Box 270	Hartford	CT	06141
Town of Wilton	238 Old Danbury Rd	Wilton	CT	06897
State of Connecticut	2800 Berlin Tpke	Newington	CT	06111
State of Connecticut	450 Capitol Ave	Hartford	CT	06106
State of Connecticut	2800 Berlin Tpke	Newington	CT	06111
State of Connecticut	2800 Berlin Tpke	Newington	CT	06111
JFM Properties II, LLC	300 Danbury Rd, Suite 203	Wilton	CT	06897
CD Station LLC	301 Merrit 7	Norwalk	CT	06851