



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

September 16, 2016

Eric Dahl
Vertical Development
20 Commercial Street
Branford, CT 06405

RE: **PETITION NO. 764A** – T-Mobile Northeast LLC (T-Mobile) request to amend its declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to relocate an existing T-Mobile facility attached to an Eversource transmission line structure (#1814) onto an approved replacement electric transmission line structure (#1814) within the existing Eversource right-of-way located at 437 Hobart Street, Southington, Connecticut.

Dear Mr. Dahl:

At a public meeting held on September 15, 2016, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal to amend its declaratory ruling 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:

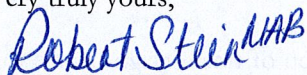
1. Use of off-road construction equipment that meets the latest EPA or California Air Resources Board standards, or in the alternative, equipment with the best available controls on diesel emissions, including, but not limited to, retrofitting with diesel oxidation catalysts, particulate filters and use of ultra-low sulfur fuel;
2. Compliance with the provisions of Section 22a-174-18(b)(3)(C) of the Regulations of Connecticut State Agencies that limit the idling of mobile sources to 3 minutes;
3. Approval of any minor project changes be delegated to Council staff;
4. Deployment and operation of a temporary facility subject to the submission of final design details to the Executive Director for review and final authorization;
5. A final copy of the structural evaluation letter dated July 22, 2016, stamped by a Professional Engineer, duly licensed in the State of Connecticut, shall be submitted to the Council prior to construction;
6. 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;

7. 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 Southington;
8. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
9. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
10. 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;
11. 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
12. 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 August 16, 2016.

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

Very truly yours,



Robert Stein
Chairman

RS/MP/lm

Enclosure: Staff Report dated September 15, 2016

- c: The Honorable Michael Riccio, Chairman, Town of Southington
Garry Brumback, Town Manager, Town of Southington
Robert Phillips, Director of Planning and Community Development, Town of Southington



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Petition No. 764A

T-Mobile

Southington, Connecticut

Staff Report

September 15, 2016

On August 18, 2016, the Connecticut Siting Council (Council) received a petition from T-Mobile Northeast LLC (T-Mobile) to amend its declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed relocation of an existing telecommunications facility attached to an existing Eversource electric transmission structure. On or about August 11, 2016, T-Mobile notified the Town, the property owner of record, and abutting property owners of the proposed project. To date, the Council has not received any comments regarding the petition filing.

On May 17, 2006, T-Mobile (formerly Omnipoint) received approval from the Council in Petition No. 764 to install a telecommunications facility on an existing 90-foot tall electric transmission line structure (#1814) located at 437 Hobart Street in Southington. T-Mobile's existing facility consists of three panel antennas installed on a pipe mast extending about ten feet above the existing lattice structure and associated ground equipment installed within a fenced compound at the base of the lattice structure.

On January 21, 2016, the Council approved Petition No. 1201, filed by Eversource, which includes rebuilding and reconductoring of approximately 1.85 miles of the existing double-circuit lattice towers that support the existing #1800 and #1810 lines from Southington Substation to structure #1815 in Southington. The petition included the replacement of existing transmission structure #1814. Eversource designed the replacement transmission structure as a 105-foot above ground level (agl) double-circuit monopole to accommodate both T-Mobile and Eversource's necessary transmission line clearance requirements. The new replacement structure would be installed adjacent to Eversource's existing lattice transmission structure that would be removed as part of Petition No. 1201. T-Mobile's existing compound would remain in the same location.

T-Mobile's proposed replacement facility would consist of new amplifiers attached to Unistrut framing within the existing compound and six new panel antennas installed on T-arms at a centerline height of 100 feet agl on the replacement transmission structure. The top of T-Mobile's antennas would extend to 104 feet agl, which is slightly below the 105-foot agl height of the new Eversource transmission structure. Coax would be installed along one side of the monopole, connecting the new antennas to the radio equipment within the compound. T-Mobile would utilize the existing access road from Hobart Street.

All work would be within Eversource's existing right-of-way. T-Mobile's proposed project would not require site clearing and would not impact wetlands. The site is not located within a shaded area of the Natural Diversity Database. The maximum worst-case power density from T-Mobile's antennas would be 3.7 percent of the applicable Federal Communications Commission limit for radio frequency power density.

The areas surrounding the transmission structure and the transmission right-of-way are residential in nature. However, the incremental visual impact is not expected to be significant because the approved replacement transmission structure that T-Mobile would co-locate on will be comparable in height to the existing structure and will have a more narrow visual profile as a monopole versus the existing lattice tower. Furthermore, T-Mobile's antennas would not extend above the top of the replacement structure. T-Mobile would maintain the same equipment compound.

Due to potential for complications associated with reconstruction of Eversource's 115-kV transmission line, T-Mobile may need to deploy a temporary telecommunications facility in order to maintain wireless service to the surrounding area.

If the Petition is approved, staff suggests including the following conditions:

1. Use of off-road construction equipment that meets the latest EPA or California Air Resources Board standards, or in the alternative, equipment with the best available controls on diesel emissions, including, but not limited to, retrofitting with diesel oxidation catalysts, particulate filters and use of ultra-low sulfur fuel;
2. Compliance with the provisions of Section 22a-174-18(b)(3)(C) of the Regulations of Connecticut State Agencies that limit the idling of mobile sources to 3 minutes;
3. Approval of any minor project changes be delegated to Council staff;
4. Deployment and operation of a temporary facility subject to the submission of final design details to the Executive Director for review and final authorization; and
5. A final copy of the structural evaluation letter dated July 22, 2016, stamped by a Professional Engineer, duly licensed in the State of Connecticut, shall be submitted to the Council prior to construction.



Site location at 437 Hobart Street, Southington.