



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

www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

December 7, 2018

Jesse A. Langer, Esq.
Updike, Kelly & Spellacy, P.C.
8 Frontage Road
East Haven, CT 06512

RE: **PETITION NO. 1356** – T-Mobile Northeast, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility on the roof of the existing Ruth Haas Library at Western Connecticut State University located at 181 White Street, Danbury, Connecticut

Dear Attorney Langer:

At a public meeting held on December 6, 2018, 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. Approval of any minor project changes be delegated to Council staff;
2. 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;
3. 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 City of Danbury;
4. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
5. 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;
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;

7. If the facility ceases to provide wireless services for a period of one year the Petitioner shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Petitioner may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period; and
8. This Declaratory Ruling may be transferred or partially transferred, provided both the facility owner/operator/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. 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. Both the facility owner/operator/transferor and the transferee shall provide the Council with a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

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 October 25, 2018 and additional information received on November 19, 2018.

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

Sincerely,



Robert Stein
Chairman

RS/MP/lm

Enclosure: Staff Report dated December 6, 2018

c: The Honorable Mark D. Boughton, Mayor, City of Danbury
Sharon Calitro, Director of Planning & Zoning, City of Danbury
Luigi Marcone, Western Connecticut State University, property owner



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

www.ct.gov/csc

Petition No. 1356

T-Mobile Northeast, LLC

Western Connecticut State University

181 White Street, Danbury, Connecticut

Rooftop Wireless Telecommunications Facility

Staff Report

December 6, 2018

By letter dated July 10, 2018, per Connecticut General Statutes (CGS) §16-50k(e), T-Mobile Northeast, LLC (T-Mobile) requested that the Connecticut Siting Council (Council) assume jurisdiction over a proposed rooftop telecommunications facility to be located at Western Connecticut State University (WCSU), Ruth Haas Library, 181 White Street, Danbury. T-Mobile's request included a letter dated June 12, 2018 from Luigi Marcone, Chief Facilities Officer and Associate VP for Campus Planning, WCSU expressing support for T-Mobile's request. By letter dated July 11, 2018, the Council solicited comments on T-Mobile's request that the Council assume jurisdiction. By email dated July 16, 2018, Sharon Calitro, AICP, Director of Planning, City of Danbury (City) indicated that the City had no objections to the Council assuming jurisdiction in this matter. At a public meeting held on August 2, 2018, the Council voted to assume jurisdiction over the rooftop telecommunications facility.

Accordingly, on October 26, 2018, the Council received a petition from T-Mobile for a declaratory ruling, pursuant to CGS §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility on the roof of the existing Ruth Haas Library at WCSU. The proposed facility would address T-Mobile's coverage and capacity objectives in the area. T-Mobile would provide service via the 600 MHz, 700 MHz, 1900 MHz, and 2100 MHz frequencies.

T-Mobile proposes to install a rooftop telecommunications facility on the roof of the approximately 60-feet 4-inches tall Ruth Haas Library. Specifically, T-Mobile would install nine panel antennas and nine remote radio heads at a centerline height of approximately 65-feet 5-inches above ground level (agl). T-Mobile would utilize three sectors with three panel antennas and three remote radio heads on each sector. One sector would be located at the northeast corner of the roof, one at the southeast corner of the roof, and one at the southwest corner of the roof. The southwest sector would also include a 2-foot 11 GHz diameter microwave dish for backhaul. The tops of T-Mobile's antennas would reach a maximum height of about 69 feet agl. All three sectors would be screened by a Mansard roof screening system and mounted to the wall system framing. T-Mobile's equipment would be installed on a 10-foot by 12-foot steel platform located on a lower portion of the roof directly to the west. Such equipment includes an RBS 6102 cabinet, Emerson Netsure 211 cabinet and one PPC cabinet. Electrical and telephone service would connect to existing service in the basement of the library.

This WSCU building is located in Danbury's High-Rise Residential District (RH-3). The immediate adjacent land use consists of the WSCU campus, including a multi-story parking garage, a concert hall and other large campus buildings. Off-campus land uses include residential and commercial properties.

The Mansard roof screening would surround the upper roof and would extend to about 10 feet above the roof. Another building directly to the south has similar existing screening on its roof for its mechanical (e.g. HVAC) equipment. (See attached photo-simulation.) Views of the proposed facility would be limited to locations within an approximately 1/8-mile radius on the host property and immediately abutting properties. However, views of the antenna sectors (and dish) would be screened by the proposed Mansard roof screening. Additionally, the proposed equipment on the platform would be installed as close to the high roof

façade as possible to eliminate visibility from grade. Also, as a rooftop project, no tree removal would be expected. Thus, the proposed facility is not expected to adversely impact existing views of the library or the character of the surrounding community.

A Professional Engineer duly licensed in the State of Connecticut has certified that the building is structurally adequate to support the proposed loading.

The calculated power density would be 17.6 percent of the applicable limit using a -10 dB off-beam adjustment for the panel antennas and a -20 dB adjustment for the dish. Notice to the Federal Aviation Administration (FAA) would not be required.

Notice was provided to the City of Danbury, the property owner, and abutting property owners on or about October 25, 2018. No comments have been received to date.

T-Mobile contends that this proposed project would not have a substantial adverse environmental impact.

Staff recommends the following condition:

1. Approval of any minor project changes be delegated to Council staff.

Site Location

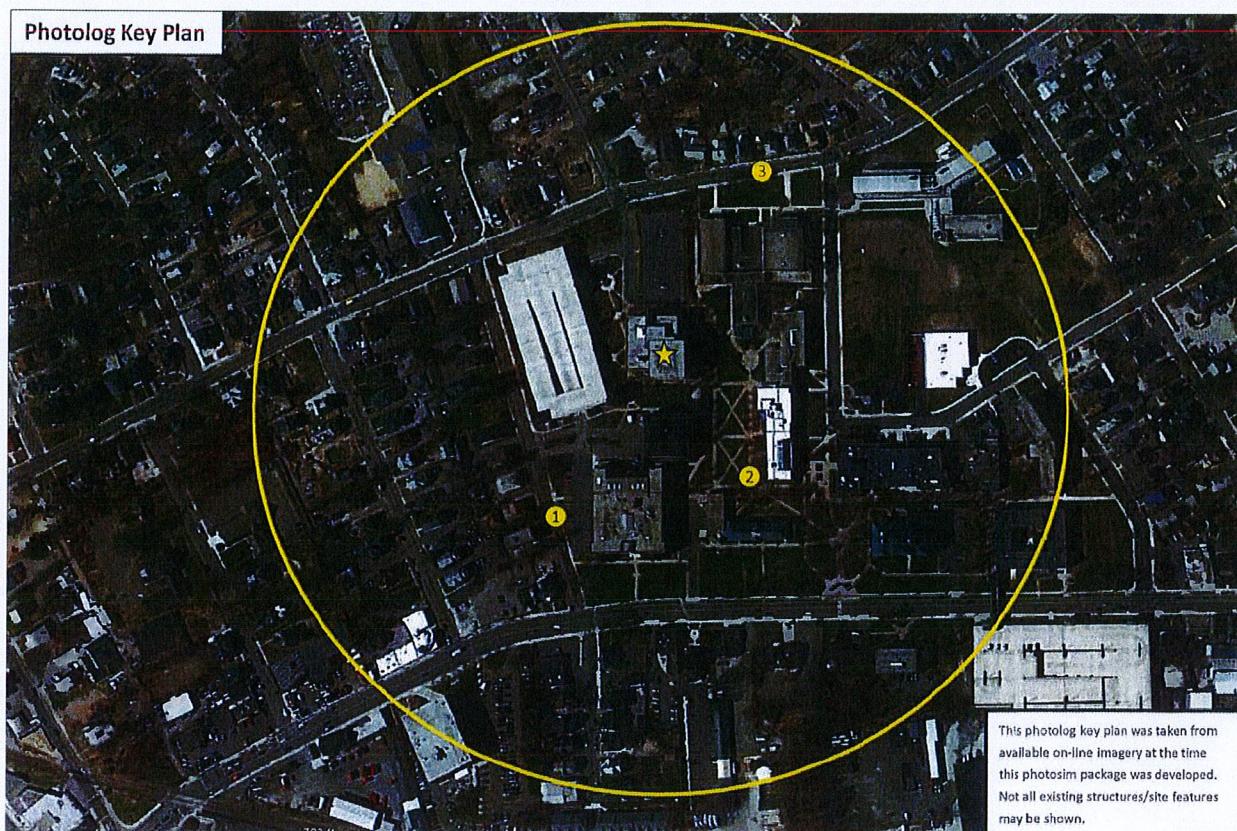


Photo-simulation No. 2 on WCSU property (facing northwest)

