



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

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**VIA ELECTRONIC & CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

January 6, 2023

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
kbaldwin@rc.com

RE: **PETITION NO. 1546** – Cellco Partnership d/b/a Verizon Wireless petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility and associated equipment on the roof of an existing academic building on the southwest portion of the Trinity College campus located at 300 Summit Street, Hartford, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on January 5, 2023, 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 project changes be delegated to Council staff;
2. RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance;
3. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable;
4. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
5. 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;

6. 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 Hartford;
7. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
8. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by Verizon shall be removed within 60 days of the date the antenna ceased to function;
9. 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;
10. 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
11. 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 November 7, 2022, and additional information received on December 15, 2022.

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

Sincerely,



Melanie A. Bachman
Executive Director

MAB/IN/lm

Enclosure: Staff Report dated January 5, 2023

c: The Honorable Luke Bronin, Mayor, City of Hartford (luke.bronin@hartford.gov)

STATE OF CONNECTICUT)

: ss. Southington, Connecticut January 6, 2023

COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the Decision and Staff Report in Petition No. 1546 issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:



Melanie A. Bachman
Executive Director
Connecticut Siting Council

STATE OF CONNECTICUT)

: ss. New Britain, Connecticut January 6, 2023

COUNTY OF HARTFORD)

I certify that a copy of the Connecticut Siting Council Decision and Staff Report in Petition No. 1546 has been forwarded by Certified First Class Return Receipt Requested mail, on January 6, 2023, to all parties and intervenors of record as listed on the attached service list, dated November 8, 2022.

ATTEST:



Lisa A. Mathews
Office Assistant
Connecticut Siting Council

LIST OF PARTIES AND INTERVENORS
SERVICE LIST

Status Granted	Document Service	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Petitioner	<input checked="" type="checkbox"/> E-mail	Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597 (860) 275-8200 kbaldwin@rc.com



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Petition No. 1546
Cellco Partnership d/b/a Verizon Wireless
300 Summit Street, Hartford, Connecticut
Rooftop Wireless Telecommunications Facility
Staff Report
January 5, 2023

Introduction

On November 8, 2022, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless (Cellco) for a declaratory ruling, pursuant to Connecticut General Statutes (CGS) §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility on the roof of a building at Trinity College at 300 Summit Street in Hartford, Connecticut (Petition or Project).

The purpose of the proposed facility is to provide coverage and capacity relief to the Cellco network in the surrounding area. The proposed facility would also increase network capacity needed to serve existing Cellco customers within the campus.

Pursuant to Regulations of Connecticut State Agencies (RCSA) §16-50j-40, on or about November 7, 2022, Cellco notified the City of Hartford (City), the host property owner, and abutting property owners of the proposed Project. No comments from the municipalities, host property owner or abutting property owners were received.

On November 8, 2022, the Council sent correspondence to the municipality stating the Council has received the Petition and invited the municipality to contact the Council with any questions or comments by December 8, 2022. No comments have been received.

The Council issued interrogatories to Cellco on November 22, 2022. Cellco provided responses to the Council's interrogatories on December 15, 2022.

Pursuant to CGS §4-176(e) of the Uniform Administrative Procedure Act, an administrative agency is required to take action on a petition within 60 days of receipt. On December 22, 2022, pursuant to CGS §4-176(e), the Council voted to set the date by which to render a decision on the Petition as no later than May 7, 2023, which is the 180-day statutory deadline for a final decision under CGS §4-176(i).

Jurisdiction

Pursuant to CGS §16-50i(a)(6), the Council has exclusive jurisdiction over telecommunications towers, including associated equipment, owned or operated by the state, a public service company or a certified telecommunications provider or used in a cellular system.

Under Regulations of Connecticut State Agencies §16-50j-2a (30), "Tower" means a structure, **whether free standing or attached to a building or another structure**, that has a height greater than its diameter

and that is high relative to its surroundings, or that is used to support antennas for sending or receiving radio frequency signals, or for sending or receiving signals to or from satellites, or any of these, which is or is to be:

- a) **used principally to support one or more antennas** for receiving or sending radio frequency signals, or for sending or receiving signals to or from satellites, or any of these, and
- b) owned or operated by the state, a public service company as defined in Section 16-1 of the Connecticut General Statutes, or a certified telecommunications provider, or used in a cellular system, as defined in Section 16-50i(a) of the Connecticut General Statutes. (Emphasis added).

The proposed rooftop facility has a height greater than its diameter. It will be used principally to support Cellco antennas. It would be owned and operated by Cellco, a certified telecommunications provider. Thus, the Council has jurisdiction over the proposed rooftop telecommunications facility.

Proposed Telecommunications Facility

Cellco's proposed facility would provide wireless service to the surrounding area in the 700 MHz, 850 MHz, 1900 MHz, 2100 MHz, 3,550 MHz and 3700 MHz frequency range.

The proposed site is on the western portion of the roof of a three-story campus building (the Roy Nutt academic building) located on the southwest portion of the 78-acre Trinity College campus. The campus parcel is zoned Mixed Use (MX-2). The highest part of the building roof (penthouse) extends to a height of 67 feet above ground level (agl).

The proposed facility consists of a 10-foot tall by 12-foot wide steel frame installed on the roof of the penthouse, extending to a height of 77 feet agl. Cellco would install 9 panel antennas, and 12 RRUs mounted on pipe masts attached to the steel frame at the 73-foot level. The steel frame and antennas would be concealed within a radio frequency (RF) transparent screening enclosure. The facility would be capable of providing 5G wireless services.

Cellco would also install a 240 square foot steel frame on the main building roof below and to the east of the penthouse to support an equipment cabinet and battery cabinet. The equipment area would also be enclosed in a RF-transparent screening enclosure. A cable tray and cable covers would protect fiber lines connecting the equipment area to the antennas.

Electrical and telephone service would be routed within a utility shaft inside the building to connection points within an existing electrical room at ground level.

Emergency backup power would be supplied from a battery cabinet located on Cellco's rooftop equipment platform. The batteries would provide power to the facility for up to 4 hours. Commercial Mobile Radio Service (CMRS) providers are licensed by and are under the jurisdiction and authority of the Federal Communications Commission (FCC). At present, no standards for backup power for CMRS providers have been promulgated by the FCC.

The estimated cost of the Project is \$400,000.

Environmental

Project construction will occur within and on the roof of the existing building and no ground disturbance is necessary. Access to the proposed facility would be through the existing building.

Surrounding land use consists of mixed used parcels to the north and east, large multi-unit residential buildings to the east, west and south, the Trinity campus to the north and Rocky Ridge Park to the west of the host parcel.

Visibility of the proposed facility would be negligible as the screening enclosure would be designed to match the exterior of the building. Views of the screening enclosure would be limited to the immediate area.

Facility Construction

Construction would occur over a 4 to 6 month period. Typical construction hours and workdays of the week are as follows: Monday – Saturday, 7:00 AM to 7:00 PM.

Public Safety

Cellco's proposed equipment installation would be capable of supporting text-to-911 service and would comply with federal E911 requirements and the Warning, Alert and Response Network Act of 2006.

The installation would not be a hazard to air navigation and no registration to the Federal Aviation Administration is required.

A Professional Engineer duly licensed in the State of Connecticut has certified that the metal frame mounting structure and building are adequate to support the proposed loading (to a design wind load of 130 mph).

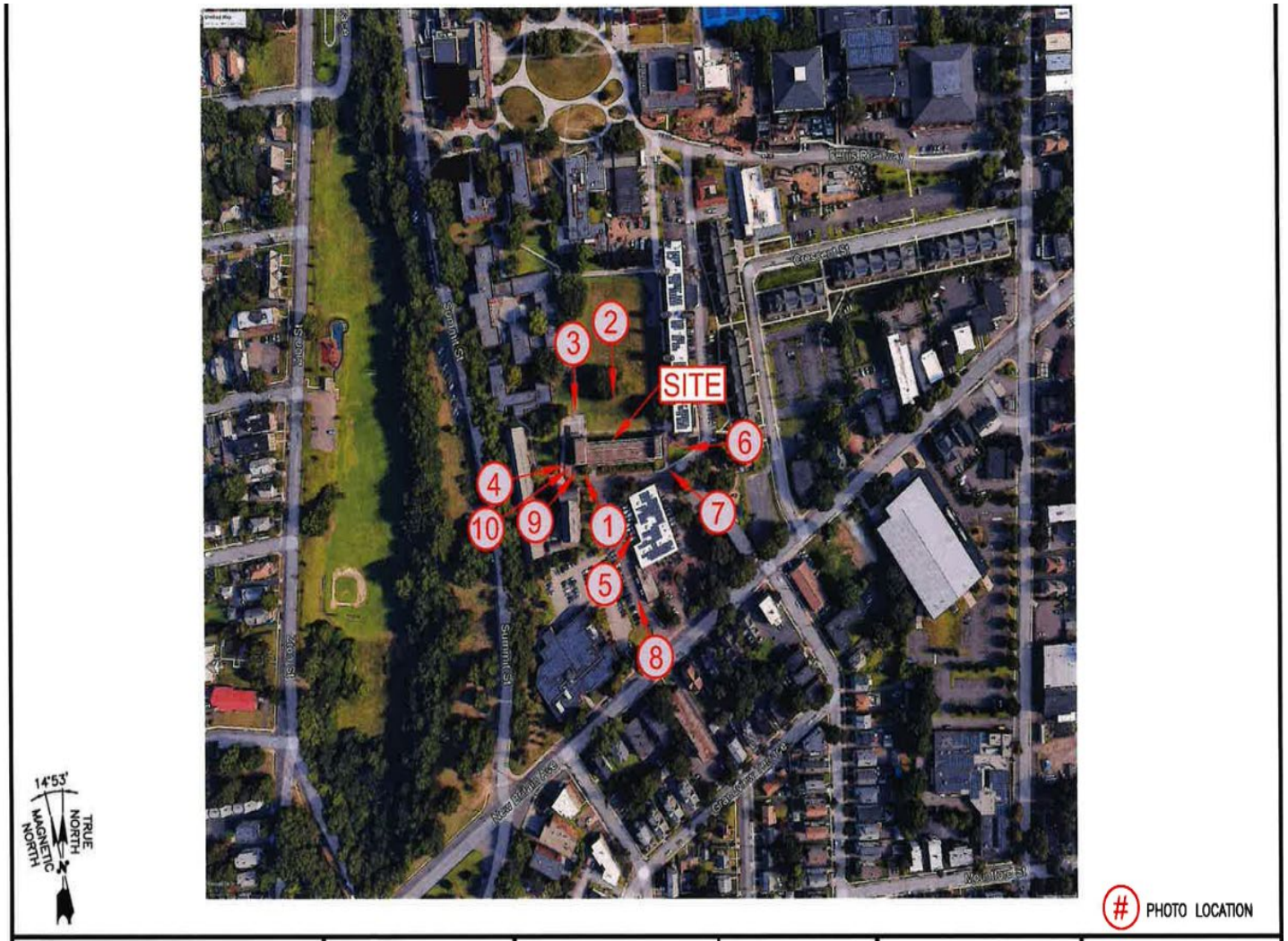
The calculated cumulative power density for Cellco's proposed antennas would be 7.0% of the applicable exposure limit established by the Federal Communications Commission at ground level using a far field approximation.

Conclusion

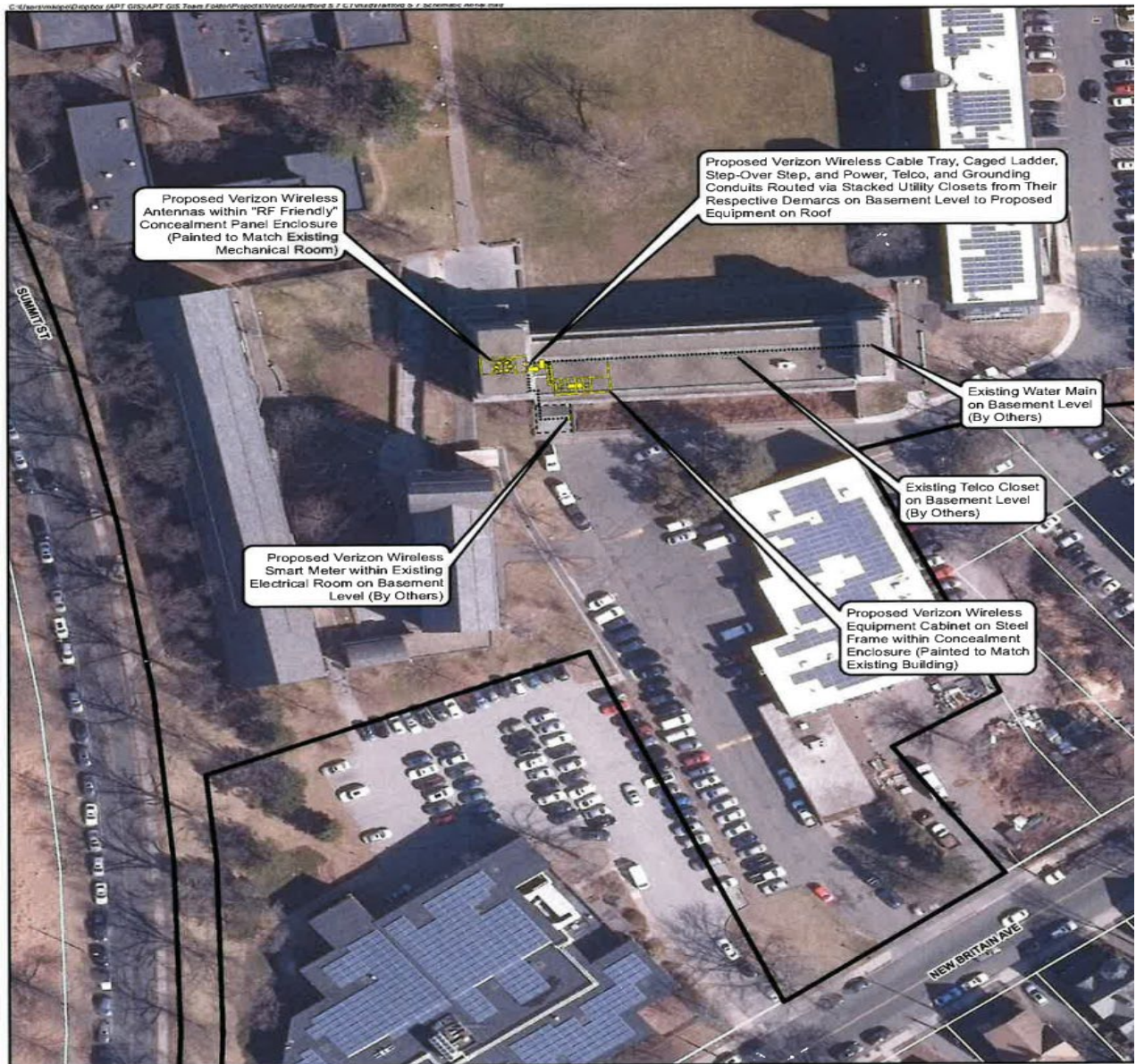
If approved, staff recommends the following conditions:

1. Approval of any project changes be delegated to Council staff;
2. RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance; and
3. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.

Site Location



Proposed Facility on Building



- Legend**
- Proposed Verizon Wireless Equipment
 - Existing Electrical Room (By Others)
 - Existing Telco Closet (By Others)
 - Existing Utility Closet (By Others)
 - Proposed Verizon Wireless Conduit
 - Subject Property
 - Approximate Parcel Boundary

Site Schematic
 Proposed Wireless
 Telecommunications Facility
 Hartford S 7 CT
 300 Summit Street
 Hartford, Connecticut



Building Elevation Plan

