



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

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL & CERTIFIED MAIL RETURN RECEIPT REQUESTED

August 5, 2022

Denise Sabo
Northeast Site Solutions
420 Main Street, Unit 3
Sturbridge, MA 01566-1359
denise@northeastsitesolutions.com

RE: **PETITION NO. 1523** – DISH Wireless, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for proposed modifications to an existing telecommunications facility located at 315 Old Hartford Road, Colchester, Connecticut.

Dear Ms. Sabo:

At a public meeting held on August 4, 2022, 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 recommendation that Dish Wireless, LLC consider installing an emergency back-up power source within the compound expansion, and with the following conditions:

1. Approval of any project changes be delegated to Council staff;
2. The proposed antenna mount and antennas shall be installed in accordance with the Mount Analysis prepared by Kimley-Horn and Associates, Inc., dated November 3, 2021;
3. Within 45 days following completion of equipment installation, Dish shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Mount Analysis;
4. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
5. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable;
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 Colchester;
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 June 21, 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 August 4, 2022

c: The Honorable Andreas Bisbikos, First Selectman, Town of Colchester selectman@colchesterct.gov



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**Petition No. 1523
DISH Wireless, LLC
315 Old Hartford Road
Colchester, Connecticut
Staff Report
August 4, 2022**

Introduction

On June 27, 2022, the Connecticut Siting Council (Council) received a petition from DISH Wireless, LLC (DISH) for a declaratory ruling pursuant to Connecticut General Statutes (CGS) §4-176 and §16-50k for proposed modifications to an existing telecommunications facility located at 315 Old Hartford Road in Colchester, Connecticut (Petition or Project). Specifically, DISH proposes to co-locate antennas on the existing monopole and install ground equipment within an expanded compound/lease area at the site.

Pursuant to Regulations of Connecticut State Agencies (RCSA) §16-50j-40, on or about June 21, 2022, DISH provided notice to the abutting property owners and Town of Colchester (Town) officials.

On June 29, 2022, the Council sent correspondence to the Town stating that the Council has received the Petition and invited the Town to contact the Council with any questions or comments by July 27, 2022. No comments were received.

Existing Facility

The Council issued a Declaratory Ruling to AT&T Wireless PCS LLC to replace this facility in Petition No. 605 on February 11, 2003.

The existing 60-foot monopole, owned by Crown Castle, is located on a mostly undeveloped 8.03-acre parcel owned by 315 Colchester Realty, LLC that hosts one commercial building (Automobile Repair Shop) and a parking area. The site is zoned Industrial (I). The tower is located in the northern portion of the parcel behind the building.

The tower hosts AT&T at the 58-foot level. The 31-foot 2-inch by 13-foot 3-inch fenced equipment compound consists of one existing concrete pad which support AT&T's equipment cabinets and associated ground equipment and one existing generator on a concrete pad.

Proposed Project

DISH proposes to install three 600/1900 MHz antennas and six remote radio units on a platform antenna mount at a centerline height of approximately 40 feet above ground level. The proposed antennas would be capable of providing 5G services.

DISH would expand the existing compound/lease area by approximately 88 square feet (8-foot by 11-foot) and install a 5-foot by 7-foot raised steel equipment platform which would support its radio equipment cabinet and other associated ground level equipment. The expansion area would be a rectangle-shaped area in the northern part of the compound and would be enclosed by a fence that matches the existing fencing.

An underground power line would be installed within new conduits that extend to an existing utility pole (#2114) on Old Hartford Road. An underground fiber line would also be installed within new conduits to a proposed vault box 9-feet south of the proposed expansion area within the host property.

DISH does not propose backup power (e.g. battery or generator) for this Project.

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 \$48,000. The project would take approximately two weeks to complete. Work hours/days would be 8 AM to 5 PM, Monday-Friday.

Environmental

The compound/lease expansion area is in a previously disturbed area. No trees or other vegetation would be removed to develop the site.

The site is not within a flood zone or proximate to any wetlands.

There would be no increase in tower height. The proposed compound expansion would impact a small portion of the existing site perimeter. Thus, no substantial adverse environmental or visual impact is expected from the proposed installation.

Public Safety

The Project would be constructed in accordance with the 2017 National Electric Code, 2018 Connecticut State Building Code and the American National Standards Institute "Structural Standards for Steel Antenna Towers and Antenna Support Structures" Revision H using a maximum wind speed of 121 miles per hour.

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

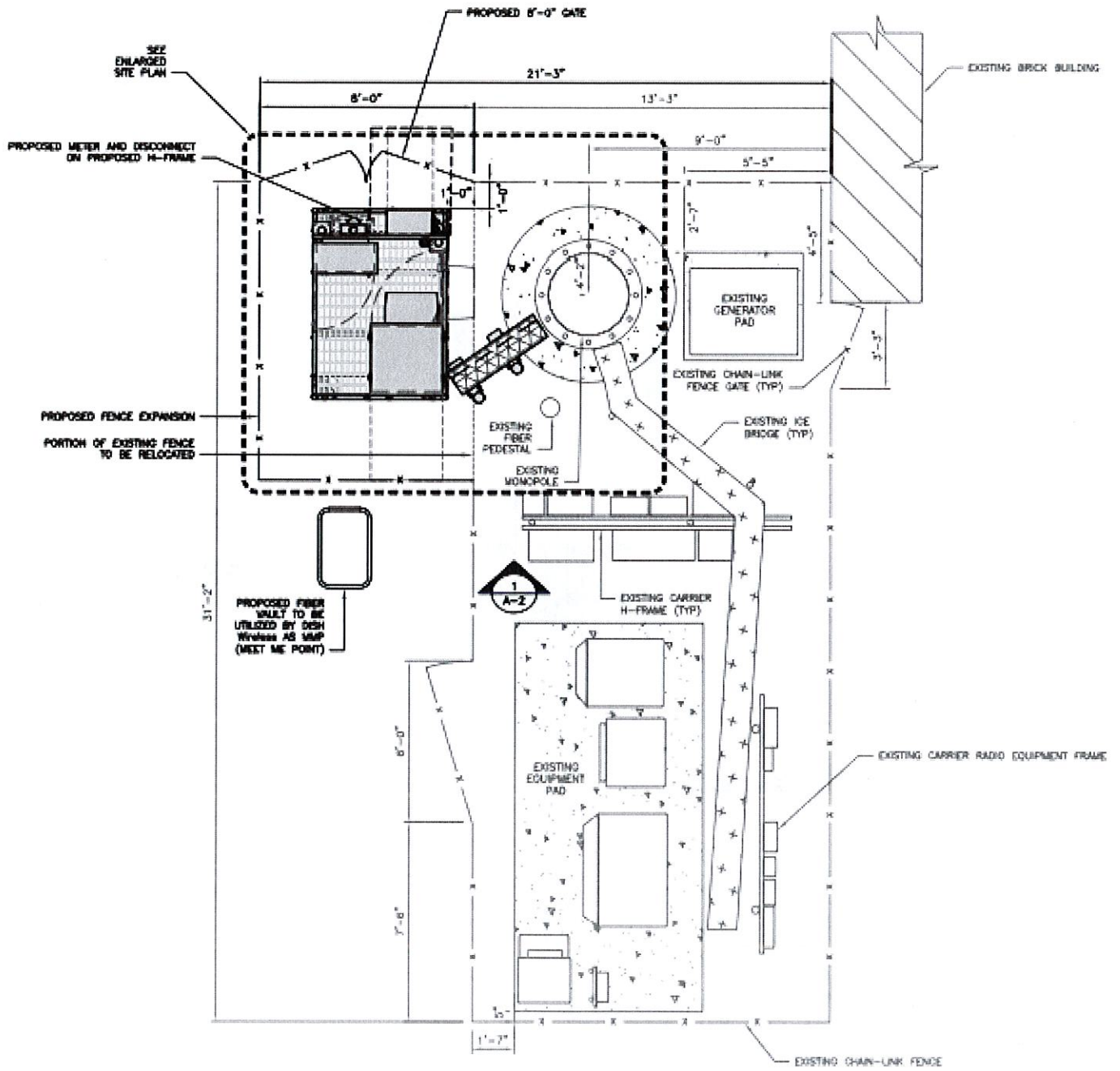
The calculated cumulative power density for the facility after DISH's installation would be 45.9 percent of the applicable limit using a -10 dB off-beam adjustment.

Conclusion

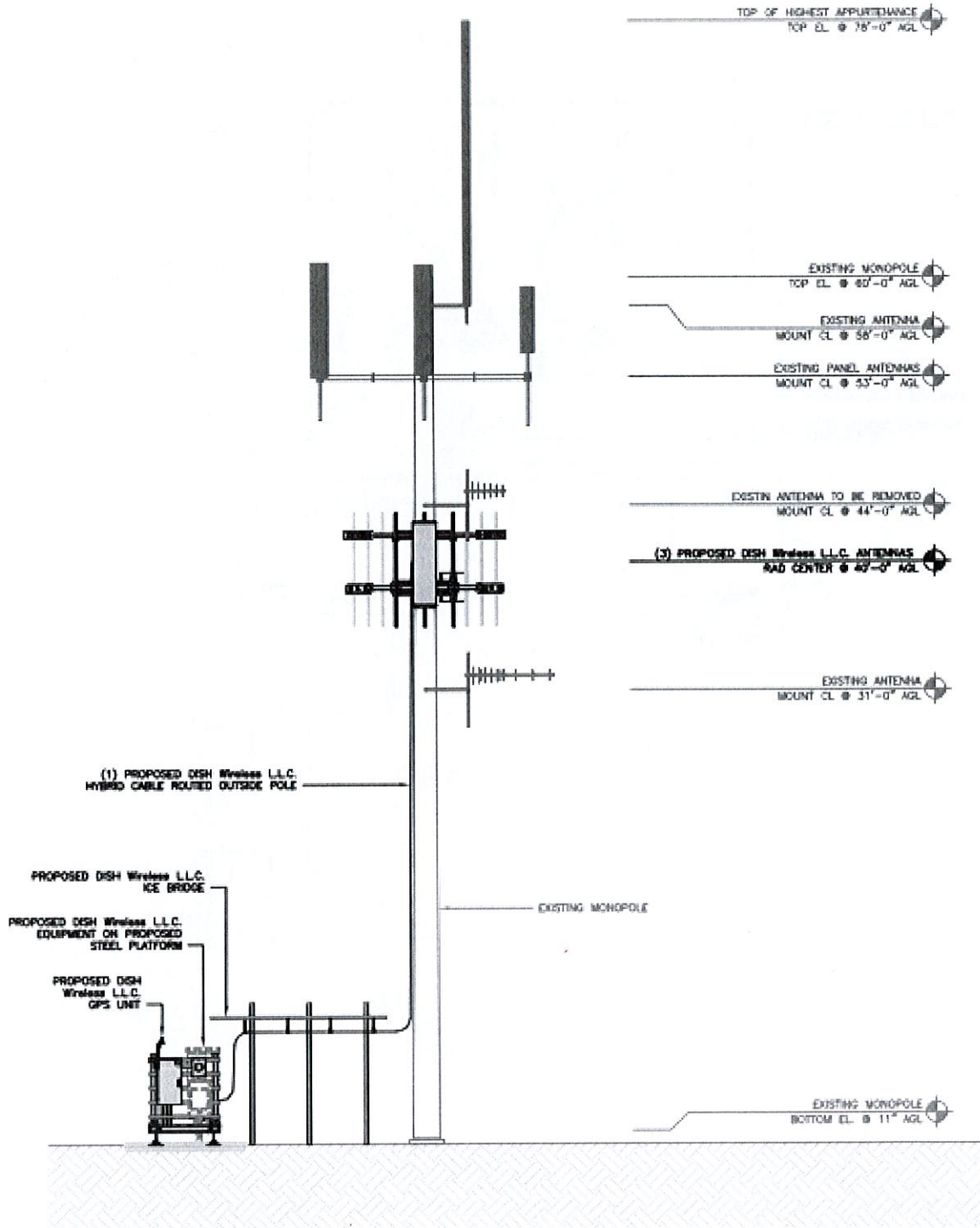
If approved, staff recommends the following conditions:

- 1) Approval of any project changes be delegated to Council staff;
- 2) The proposed antenna mount and antennas shall be installed in accordance with the Mount Analysis prepared by Kimley-Horn and Associates, Inc., dated November 3, 2021;
- 3) Within 45 days following completion of equipment installation, Dish shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Mount Analysis;
- 4) The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities; and
- 5) Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.

Compound Site Plan



Tower Elevation



STATE OF CONNECTICUT)

: ss. Southington, Connecticut August 5, 2022

COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the Decision and Staff Report in Petition No. 1523 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 August 5, 2022

COUNTY OF HARTFORD)

I certify that a copy of the Connecticut Siting Council Decision and Staff Report in Petition No. 1523 has been forwarded by Certified First Class Return Receipt Requested mail, on August 5, 2022, to all parties and intervenors of record as listed on the attached service list, dated June 27, 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	Dish Wireless, LLC	Denise Sabo Northeast Site Solutions 420 Main Street, Unit 3 Sturbridge, MA 01566-1359 Phone (860) 209-4690 denise@northeastsitesolutions.com