

DRAFT

**Petition No. 1518
DISH Wireless, LLC
1081 North Street
Greenwich, Connecticut
Staff Report
September 9, 2022**

Introduction

On May 23, 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 1081 North Street in Greenwich, 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 May 18, 2022, DISH provided notice to the abutting property owners and Town of Greenwich (Town) officials.

On May 24, 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 June 22, 2022. No comments were received.

The Council submitted interrogatories to DISH on July 6, 2022 and August 8, 2022. DISH submitted responses to the interrogatories on August 24, 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 July 21, 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 November 19, 2022, which is the 180-day statutory deadline for a final decision under CGS §4-176(i).

Existing Facility

The Council issued a Certificate to Metro Mobile CTS of Fairfield County, Inc. for this facility on February 17, 1988 in Docket No. 86.

The existing 175-foot monopole, owned by Crown Castle, is located on a 5.66-acre undeveloped wooded parcel also owned by Crown Castle. The site is zoned RA-4 Single Family 4-acre zoning. The tower is located in the southwest corner of the parcel.

The tower hosts T-Mobile at the 144-foot level, AT&T at the 162-foot level and Verizon at the top level. The irregular shaped equipment compound consists of two existing shelters and several concrete pads which support cabinets and associated ground equipment of the telecommunication carriers.

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 154 feet above ground level. The proposed antennas would be capable of providing 5G services.

DISH would expand the existing compound/lease area by approximately 225 square feet 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 northeastern portion of the compound and would be enclosed by a fence that matches the existing fence.

Electric utility would connect to a new meter on the existing utility board to the south via an underground conduit. Telecom would connect underground directly to the west of DISH's equipment.

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

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 would occur during regular business hours, or as allowed by the property owner.

Environmental

The compound/lease expansion area is in a level 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 portion of the existing fenced 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 115 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.

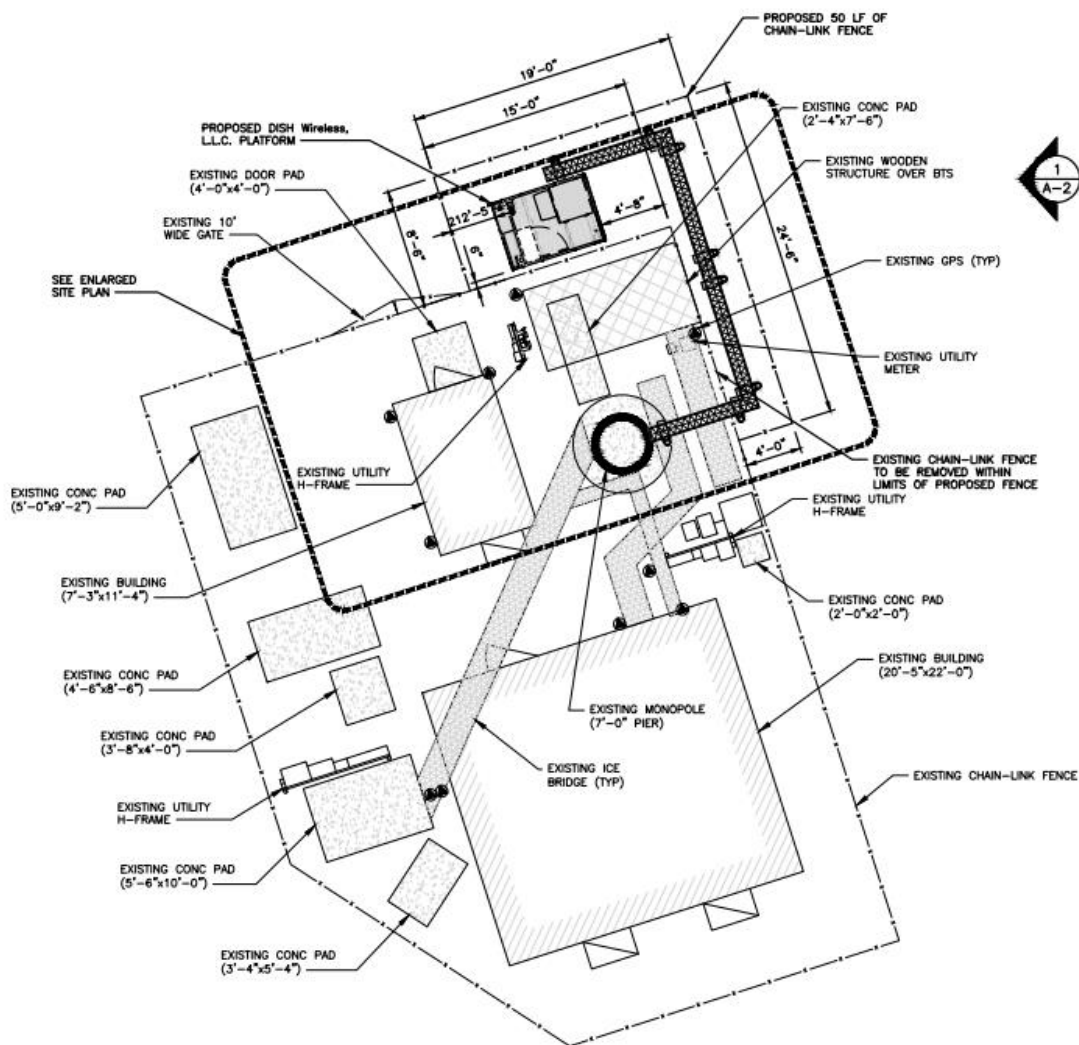
The calculated cumulative power density for the facility after DISH's installation would be 9.7 percent of the applicable limit using a -10 dB off-beam adjustment.

Conclusion

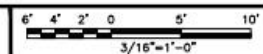
If approved, staff recommends the following conditions:

- 1) Approval of any project changes be delegated to Council staff;
- 2) The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
- 3) Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable; and
- 4) DISH shall submit an annual report relative to its ability to provide backup power during an electric service outage and plans concerning the provision of backup power no later than October 1, 2022 in compliance with CGS §16-50// and the Council's August 4, 2022 Memorandum (copy attached).

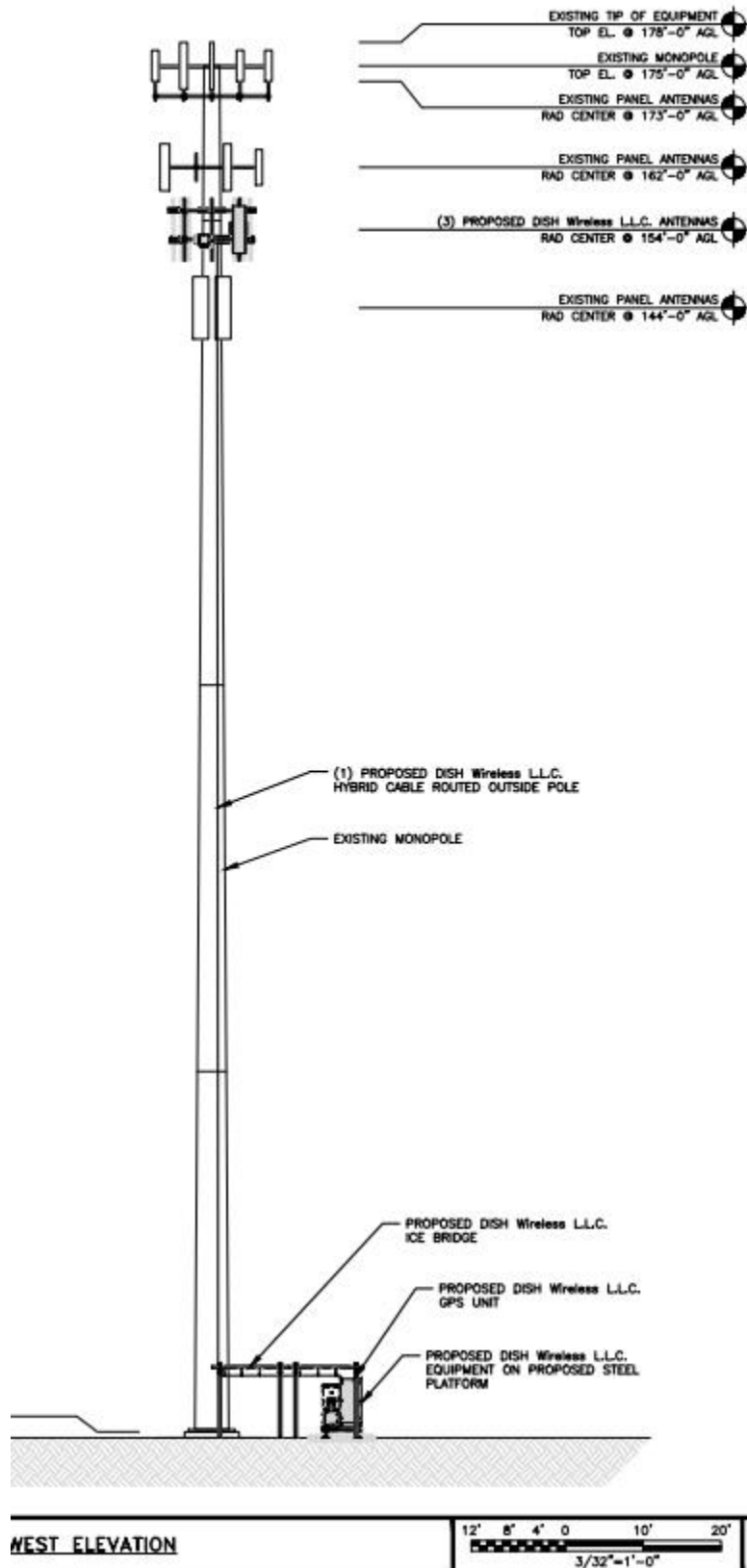
Compound Site Plan



OVERALL SITE PLAN



Tower Elevation



Council's Memorandum Regarding the Annual Backup Power Report



**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

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VIA ELECTRONIC MAIL

August 4, 2022

TO: Lucia Chiocchio, Esq., New Cingular Wireless PCS, LLC
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Kenneth Baldwin, Esq., Verizon Wireless
Tim Parks, Verizon Wireless
Jeanne Cottrell, Dish Wireless, LLC

FROM: Melanie Bachman, Executive Director *MB*

RE: Conn. Gen. Stat. §16-50//

Pursuant to Connecticut General Statutes §16-50//, the Connecticut Siting Council and the Department of Emergency Services and Public Protection jointly request that each provider of mobile radio service, as defined in 47 C.F.R. 20.3, submit a report for any telecommunications tower or antenna owned, leased or operated by such provider of mobile radio service relative to the following:

1. the ability to provide back-up power during an electric service outage; and
2. plans concerning the provision of backup power.

In accordance with the statute, any information provided in the report shall be considered confidential, not subject to disclosure under the Freedom of Information Act, as defined in section 1-200 of the Connecticut General Statutes, and shall not be transmitted to any person except as needed to comply with the statute.

Please mail a detailed report no later than October 1, 2022 to the following agencies:

Connecticut Siting Council
ATTN: Melanie Bachman, Esq.
10 Franklin Square
New Britain, CT 06051
Siting.council@ct.gov

Department of Emergency Services and Public Protection
Division of Emergency Management and Homeland Security
ATTN: Brenda Bergeron, Esq.
1111 Country Club Road
Middletown, CT 06457
Brenda.bergeron@ct.gov

Thank you in advance for your cooperation.

MB/CMW/laf