



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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March 8, 2024

TO: Council Members

FROM: Melanie Bachman, Executive Director

MAB

RE: Tower Share Request Consent Calendar

For your review, staff has enclosed a summary of the pending items on the Tower Share Request Consent Calendar, which is currently scheduled for a vote at the energy/telecommunications meeting to be held on March 14, 2024. These requests may be accessed on the Council's website under "Pending Matters." If you have any questions or concerns regarding these requests, please feel free to contact the analyst associated with the request.

Thank you.

MAB

Contact Information:

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TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NO. 5-6

- 5. TS-DISH-086-240214** - Dish Wireless, LLC request for an order to approve tower sharing at an existing telecommunications facility located at 71 Moxley Road, Montville (Uncasville), Connecticut.

This tower is a 190-foot guyed lattice tower owned by SBA Communications. The underlying property is owned by Ernest C. & Walter N. Wainwright, Jr. This facility was approved by the Town of Montville.

The tower currently supports Sprint at the 160-foot level, T-Mobile at the 150-foot level, Verizon at the 141-foot and 76-foot levels, and AT&T at the 130-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector antenna mounts at the 180-foot level and one cable within the tower. The antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet, one fiber enclosure, one safety switch and one H-frame on a steel platform within the existing lease area. A GPS antenna, a telco/electric line and conduits, and ice bridge would also be installed.

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

The calculated cumulative worst-case power density would be 14.5% of the applicable limit at ground level using a far field approximation.

If approved, staff recommends the following conditions:

- Approval of any changes be delegated to Council staff;
- Prior to construction, Dish shall provide an updated Structural Analysis stamped and signed by a Professional Engineer licensed in the State of Connecticut that includes existing and approved tower mounted equipment for all entities on the tower;
- RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance; and
- Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.

- 6. TS-VER-130-240214** – Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at 459 Burr Road, Southbury, Connecticut.

This tower is a 150-foot monopole owned by SBA Communications. The underlying property is owned by Holly Hageman. The Council issued a Certificate to Optasite, Inc for this facility on January 4, 2006 in Docket No. 222A.

The tower currently supports AT&T at the 147-foot level, T-Mobile at the 127-foot level, and Dish at the 87-foot level.

Verizon intends to install eleven 750/850/1900/2100/3700 MHz antennas and eight RRUs on a platform mount at the 137-foot level and one cable within the tower. The antennas would be capable of providing 5G services. Verizon also intends to install two equipment cabinets, one power protection cabinet, one

fiber enclosure, one safety switch, one 35kW diesel backup generator and one H-frame on a concrete pad within the existing lease area. A GPS antenna, a telco/electric line and conduits, and ice bridge would also be installed.

A Professional Engineer duly licensed in the State of Connecticut has certified that the structure is adequate to support the proposed loading with certain recommendations.

The calculated cumulative worst-case power density would be 10.6% of the applicable limit at ground level using a far field approximation.

If approved, staff recommends the following conditions:

- Approval of any changes be delegated to Council staff;
- Antennas and equipment shall be installed in accordance with the Mount Analysis prepared by Colliers Engineering & Design dated January 8, 2024 and stamped and signed by Dejian Xu;
- Within 45 days following completion of equipment installation, Verizon shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Mount Analysis;
- RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance; and
- Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.