



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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August 21, 2020

TO: Council Members

FROM: Melanie Bachman, Executive Director *MAB*

RE: Tower Share Request(s)

For your review, staff has enclosed a summary of the pending tower share requests, which are currently scheduled for a vote on August 27, 2020. A copy of these requests has been previously provided via e-mail. If you have any questions or concerns regarding any of these requests, please feel free to contact the analyst associated with the request.

Thank you.

MAB

Contact Information:

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TOWER SHARES

- 1. TS-VER-043-200708** - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at 465 Hills Street, East Hartford, Connecticut.

This tower is an existing 109-foot monopine owned by SBA Communications d/b/a MCM Acquisition 2017, LLC. The top of the faux branches extend to a height of 115 feet above ground level. The underlying property is owned by Henry J Krause Revocable Trust c/o Heidi K McNamar Trustee. The Council issued a Certificate to Message Center Management, Inc. in Docket No. 436 on July 25, 2013 including the following conditions:

- a) The tower shall be constructed as a stealth tree monopole (i.e. monopine);
- b) “The Eastern Box Turtle Protection Program shall be implemented to mitigate any possible impacts to Eastern Box Turtles in the event any are found in the vicinity of the site.”

On June 6, 2017 the Council approved a transfer of the Certificate to MCM Acquisition 2017, LLC a subsidiary of SBA Communications.

The tower currently supports AT&T’s equipment at the 100-foot level.

Verizon intends to install three 700/2100 MHz antennas, three 850/1900 MHz antennas and nine RRUs on a platform antenna mount at the 90-foot level and two cables on the tower. Verizon also intends to install one 30-kilowatt diesel fueled backup generator with a double walled fuel tank on a 4-foot by 5-foot concrete pad and three equipment cabinets and one H-frame on a 9-foot by 10-foot concrete pad with an ice canopy. A GPS antenna, an ice bridge, a utility meter and an underground telco/electric line would also be installed.

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.

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 site would have a cumulative worst-case power density of 15.8% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following conditions:

- Approval of any changes be delegated to Council staff;
- Verizon’s antennas and equipment to be installed on the tower shall be camouflaged by the existing pine branches consistent with condition No. 1 of the Council’s Decision and Order in Docket No. 436; and
- The Eastern Box Turtle Protection Program shall be implemented to mitigate any possible impacts to Eastern Box Turtles in the event any are found in the vicinity of the site consistent with Condition No. 3 of the Council’s Decision and Order in Docket No. 436.

2. **TS-DRW-062-200714** - DRW NX request for an order to approve tower sharing at an existing telecommunications facility located at 101 Talmadge Road, Hamden, Connecticut.

This tower is an existing 907-foot guyed lattice tower owned by Nexstar Broadcasting, Inc. The underlying property is owned by LIN Television Corporation. This facility was approved by the Town of Hamden.

The tower currently supports T-Mobile's equipment at the 315-foot level and Sprint's equipment at the 200-foot level.

DRW NX intends to install two 6-foot diameter 6-GHz Microwave dish antennas and four radio units at the 650-foot level and eighteen cables on the tower. DRW NX also intends to install one equipment cabinet on a 4-foot by 8-foot equipment platform with an ice canopy at ground level. An ice bridge, a utility meter and a telco/electric line 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 site would have a cumulative worst-case power density of 2.4% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

- Approval of any changes be delegated to Council staff.

3. **TS-EVER-068-200715** – The Connecticut Light and Power Company d/b/a Eversource Energy request for an order to approve tower sharing at an existing telecommunications facility located at 38 Maple Street, Kent, Connecticut.

This tower is an existing 149-foot monopole owned by American Tower. The underlying property is owned by the Town of Kent. The Council issued a Certificate to Cellco Partnership d/b/a Verizon Wireless on April 25, 2008 in Docket No. 353.

The tower supports Verizon at the 152-foot level, AT&T at the 140-foot level and T-Mobile at the 110-foot level.

In this tower share request, Eversource intends to install one 217 MHz omni-directional antenna at the 84-foot level and two cables on the tower. Eversource intends to install an 11.3-foot by 20-foot equipment shelter, a 24 kW propane-fueled backup power generator on a 4-foot by 7-foot concrete pad and a 1,000 gallon propane fuel tank on a 5-foot by 17-foot concrete pad within the fenced compound. The fence would be extended eight feet by nineteen feet at the northeast corner to accommodate the fuel tank. An ice bridge, a utility meter and an underground telco/electric line 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 site would have a cumulative worst-case power density of 14.7% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

- Approval of any changes be delegated to Council staff.