March 19, 2020

TO: Council Members

FROM: Melanie Bachman, Executive Director

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 March 26, 2020. A copy of this request has been previously provided via regular mail. If you have any questions or concerns on this request, please feel free to contact the analyst associated with the request.

Thank you.

MAB
1. **TS-VER-131-191226** – Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at 80 Shuttle Meadow Road, Southington, Connecticut.

This tower is an existing 150-foot monopole owned by American Tower Corporation (ATC). The underlying property is owned by Southern New England Telephone Company. The Council issued a Certificate to the Southern New England Telephone Company in Docket No. 40 on May 15, 1984, with the condition that “Construction activities shall take place during daylight working hours.”

The tower supports AT&T’s equipment at the 153-foot level, Metro PCS at the 130-foot level and Clearwire at the 120-foot level.

Verizon intends to install twelve 700/850/1900/2100 MHz antennas, six RRUs and one over voltage protection (OVP) box on a platform antenna mount at the 143-foot level and two cables on the tower. Verizon also intends to install one equipment cabinet on a 4-foot by 10-foot concrete pad, one 30-kilowatt diesel-fueled generator on a 3-foot 6-inch by 8-foot concrete pad and additional equipment on a proposed 10-foot H-frame. Verizon would expand the northern portion of the fenced compound by 413-square foot to make additional space for its equipment area. A GPS antenna, 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 with certain recommendations.

The site would have a cumulative worst-case power density of 14.9% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

- Prior to Verizon’s antenna installation, the tower reinforcement and modification shall be installed in accordance with the tower modification drawings associated with both ATC Project Nos. OAA740798_C6_05 and 12978549_C6_C5, both prepared by ATC, dated January 22, 2019 and November 6, 2019, respectively, and both stamped and signed by Esha Kaushal Modi;
- Within 45 days following the completion of the tower reinforcement and modification, Verizon shall provide documentation certified by a Professional Engineer that its installation complied with the tower modification drawings;
- Construction activities shall take place during daylight working hours consistent with condition No. 8 of the Council’s Decision and Order in Docket No. 40; and
- Approval of any minor changes be delegated to Council staff.
2. **TS-CING-154-200225** – New Cingular Wireless PCS, LLC (AT&T) request for an order to approve tower sharing at an existing telecommunications facility located at 1542 Boston Post Road, Westbrook, Connecticut.

This tower is an existing 130-foot monopole owned by MCM Holdings, LLC. The underlying property is owned by the Connecticut Water Company. The Council issued a Certificate to MCM Holdings, LLC in Docket No 485 on August 15, 2019, for the permanent replacement of a former 121-foot tall water tank owned by the Connecticut Water Company (CWC) that supported multiple wireless service providers including AT&T. The water tank, located at 1542 Boston Post Road in Westbrook, was decommissioned and demolished in 2018.

The tower currently supports Verizon’s equipment at the 126-foot level.

AT&T intends to install three 700/850/1900 MHz antennas, and six RRUs on three sector frame antenna mounts at the 115-foot level of the 130-foot permanent tower. AT&T would install five cables on the tower and an ice bridge at ground level. AT&T would continue to maintain its battery backup power source.

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 8.0% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

- Approval of any minor changes be delegated to Council staff.