



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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November 26, 2021

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 are currently scheduled for a vote at the energy/telecommunications meeting to be held on December 2, 2021. These requests may be accessed on the Council's website under "Pending Matters." 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



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Contact Information:

All Filings – Ifeanyi Nwankwo (860) 827-2941 Ifeanyi.Nwankwo@ct.gov

TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NOS. 7 - 37

7. **TS-DISH-062A-211012** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 360 Gaylord Mountain Road, Hamden, Connecticut.

This tower is a 625-foot guyed lattice tower owned by Vertical Bridge REIT, LLC. The underlying property is owned by Vertical Bridge Landco LLC. This facility was approved by the Town of Hamden.

The tower currently supports AT&T at the 280-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 210-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 2.85% 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.

8. **TS-DISH-062B-211012** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 473 Denslow Hill Road, Hamden, Connecticut.

This tower is a 200-foot guyed lattice tower owned by Vertical Bridge REIT, LLC. The underlying property is owned by Vertical Bridge AM II. This facility was approved by the Town of Hamden.

The tower does not currently support any carriers.

Dish intends to install three 600/1900 MHz antennas and six RRUs on three sector frame antenna mounts at the 185-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.



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The site would have a cumulative worst-case power density of 0.74% 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.
9. **TS-DISH-054-211014** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at New London Turnpike (a/k/a 299 Paxton Way), Glastonbury, Connecticut.

This tower is a 150-foot monopole owned by Crown Castle. The underlying property is owned by Feldspar Quarry, LLC. This facility was approved by the Town of Glastonbury.

The tower currently supports Sprint/T-Mobile at the 145-foot level.

Dish intends to remove the existing abandoned antennas and associated equipment at the 140-foot level and install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 137-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 7.41% 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.
10. **TS-DISH-164-211014** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 50 Pine Lane, Windsor, Connecticut.

This tower is a 147-foot monopole owned by Crown Castle. The underlying property is owned by the Town of Windsor (Town). This facility was approved by the Town.

The tower currently supports AT&T at the 130-foot level and Sprint/T-Mobile at the 108-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on three T-arm antenna mounts at the 98-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.



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The site would have a cumulative worst-case power density of 15.3% 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.



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11. **TS-DISH-129-211014** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 126 Pioneer Heights Road, Somers, Connecticut.

This tower is a 160-foot self-supporting lattice tower owned by Crown Castle. The underlying property is owned by Lena Farnham and Faye Gately. The Council issued a Certificate to the Hartford Cellular Company for this facility in Docket No. 58 on July 11, 1986, with the condition that “Construction activities shall take place during daylight working hours”.

The tower currently supports Verizon at the 157-foot level, AT&T at the 135-foot level and Sprint/T-Mobile at the 125/113-foot levels.

Dish intends to install three 600/1900 MHz antennas and six RRUs on three sector frame antenna mounts at the 147-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 12.6% 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; and
- Construction activities shall take place during daylight working hours consistent with Condition No. 14 of the Council’s Decision and Order in Docket No. 58.

12. **TS-DISH-107-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 800 Ogg Meadow Road, Orange, Connecticut

This tower is a 160-foot monopole owned by Crown Castle. The underlying property is owned by the South-Central Connecticut Water Authority. The Council issued a Certificate to Cellco Partnership d/b/a Bell Atlantic Nynex Mobile for this facility in Docket No. 177A on August 6, 1997.

The tower currently supports Verizon at the 158-foot level, AT&T at the 147-foot level and Sprint/T-Mobile at the 137/127-foot levels.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 117-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 14.3% of the applicable limit using a -10 dB off-beam adjustment.



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If approved, staff recommends the following condition:

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13. **TS-DISH-140-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 580 Chapel Street, Thomaston, Connecticut.

This tower is a 175-foot monopole owned by Crown Castle. The underlying property is owned by the Town of Thomaston (Town). This facility was approved by the Town.

The tower currently supports Sprint/T-Mobile at the 172/160/115-foot levels, Verizon at the 152-foot level and AT&T at the 142-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 130-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 24.5% 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.

14. **TS-DISH-148-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 945 East Center Street, Wallingford, Connecticut

This tower is a 147-foot monopole owned by Crown Castle. The underlying property is owned by Albert W. Beaumont. This facility was approved by the Town of Wallingford.

The tower currently supports Sprint/T-Mobile at the 130-foot level, Verizon at the 124-foot level and AT&T at the 112-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 143-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 16.6% of the applicable limit using a -10 dB off-beam adjustment.



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If approved, staff recommends the following condition:

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15. **TS-DISH-001-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 122 Jonathan Trumbull Highway (Route 6), Andover, Connecticut.

This tower is a 149-foot monopole owned by Crown Castle. The underlying property is owned by ASC Real Estate Inc. The Council issued a Certificate to AT&T Wireless PCS d/b/a AT&T Wireless for this facility in Docket No. 242 on October 14, 2003.

The tower currently supports AT&T at the top level, T-Mobile at the 138-foot level and Verizon at the 130-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 120-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 10.3% 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.

16. **TS-DISH-155-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 1358 New Britain Avenue, West Hartford, Connecticut.

This tower is a 130-foot monopole owned by Crown Castle. The underlying property is owned by the West Hartford Methodist Church. This facility was approved by the Town of West Hartford.

The tower currently supports Sprint/T-Mobile at the 127/116-foot levels, Verizon at the 105-foot level and AT&T at the 96-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 86-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. A GPS antenna, an ice bridge, a utility meter and an underground telco/electric line would also be installed.



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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 17.0% 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.
17. **TS-DISH-012-211015** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 49 South Road, Bolton, Connecticut.

This tower is a 120-foot monopole owned by Crown Castle. The underlying property is owned by Leonard & Cheryl Giglio. The Council issued a Certificate to AT&T Wireless PCS LLC d/b/a AT&T Wireless for this facility in Docket No. 240 on July 7, 2003.

The tower currently supports AT&T at the 118-foot level, Verizon at the 108-foot level and T-Mobile at the 99-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on three t-arm antenna mounts at the 89-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 22.8% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

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18. **TS-T-MOBILE-070-211018** - T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 133 (a/k/a 131) Little City Road, Killingworth, Connecticut.

This tower is a 302-foot self-supporting lattice tower owned by American Tower Corporation. The underlying property is also owned by American Tower Corporation. This facility was approved by the Town of Killingworth.

The tower currently supports AT&T at the 272-foot level, Sprint at the 261-foot level and Verizon at the 171-foot level. *The Council received a tower share request from DISH Wireless for this facility on October 29, 2021. A description of DISH's request is provided in item # 33.

T-Mobile intends to install three 600/700/1900/2100 MHz antennas, three 2500 MHz antennas and six RRUs on three sector frame antenna mounts at the 245-foot level and three cables on the tower. The proposed 600 MHz antennas and 2500 MHz antennas would be capable of providing 5G services. T-Mobile also intends to install two equipment cabinets and a 25 kilowatt diesel fueled emergency backup generator with a double walled base tank on a proposed 10-foot by 15-foot concrete pad with ice canopy within the existing fenced compound at ground level. A GPS antenna, an ice bridge, one automatic transfer switch, 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.

The site would have a cumulative worst-case power density of 10.4% of the applicable limit using a -10 dB off-beam adjustment for broadcast panel antennas and a -20 dB off-beam adjustment for highly focused parabolic antennas (i.e., 2500 MHz).

If approved, staff recommends the following condition:

- Approval of any changes be delegated to Council staff.



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19. **TS-DISH-164-211019** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 440 Hayden Station Road, Windsor, Connecticut.

This tower is a 96-foot monopole owned by Crown Castle. The underlying property is owned by CB Baggs LLP. This facility was approved by the Town of Windsor.

The tower currently supports AT&T at the 92-foot level and Sprint/T-Mobile at the 79/75-foot levels.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 65-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 40.8% 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.



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20. **TS-DISH-026-211019** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at Wig Hill Road (f/k/a 49 Wig Hill Road), Chester, Connecticut.

This tower is a 150-foot monopole owned by Crown Castle. The underlying property is owned by the Negrelli Family Trust. The Council issued a Certificate to Bell Atlantic Mobile for this facility in Docket No. 181 on May 13, 1998.

The tower currently supports Sprint/T-Mobile at the 150/108-foot levels, Verizon at the 140-foot level and AT&T at the 132-foot level.

Dish intends to remove the existing abandoned antennas and associated equipment at the 96-foot level and install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 93-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 29.7% 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.

21. **TS-DISH-011-211019** – Dish Wireless LLC notice of intent to modify an existing telecommunications facility located at 28 Brewer Drive (a/k/a 35 Tunxis Avenue), Bloomfield, Connecticut.

This tower is a 120-foot monopole owned by Crown Castle. The underlying property is owned by the Town of Bloomfield (Town). This facility was approved by the Town.

The tower currently supports Sprint/T-Mobile at the 118/108-foot levels and AT&T at the 100-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 89-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 18.1% of the applicable limit using a -10 dB off-beam adjustment.



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If approved, staff recommends the following condition:

- Approval of any changes be delegated to Council staff.

22. **TS-DISH-077-211019** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 53 Slater Street, Manchester, Connecticut.

This tower is a 155-foot monopole owned by Crown Castle. The underlying property is owned by One Hundred Twenty-One Connecticut Avenue Associates, LLC. This facility was approved by the Town of Manchester.

The tower currently supports Sprint/T-Mobile at the top and 133-foot levels, AT&T at the 145-foot level and Verizon at the 113-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 123-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 18.5% 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.

23. **TS-DISH-094-211019** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 36 Prospect Street, Newington, Connecticut.

This tower is a 136-foot monopole owned by Crown Castle. The underlying property is owned by John W. Oldham Trustee. This facility was approved by the Town of Newington.

The tower currently supports Sigfox at the top level, Sprint/T-Mobile at the 120-foot level and Verizon at the 106-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 78-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.



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The site would have a cumulative worst-case power density of 13.2% 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.

24. **TS-DISH-059T-211022** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 237 Sandy Hollow Road, Groton, Connecticut.

This tower is a 130-foot monopole owned by SBA Communications Corporation. The underlying property is owned by the Mystic River Ambulance Association. The Council issued a Certificate to MCF Communications bg, Inc. and Omnipoint Communications, Inc., for this facility in Docket No. 343 on March 26, 2008.

The tower currently supports T-Mobile at the 127-foot level and Verizon at the 120-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 107-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 7.0% of the applicable limit using a -10 dB off-beam adjustment.

If approved, staff recommends the following condition:

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25. **TS-T-MOBILE-046-211025** - T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 515 Morehouse Road, Easton, Connecticut.

This tower is a 149-foot monopole owned by Homeland Towers, LLC. The underlying property is also owned by the Town of Easton. The Council issued a Certificate to Homeland Towers, LLC for this facility in Docket No. 473 on September 14, 2017.

The tower currently supports Verizon at the 145-foot level and AT&T at the 135-foot level.

T-Mobile intends to install three 600/700/1900/2100 MHz antennas, three 2500 MHz antennas and six RRUs on a platform antenna mount at the 123-foot level and two cables on the tower. The proposed 600/700/1900/2100 MHz antennas and 2500 MHz antennas would be capable of providing 5G services. T-Mobile also intends to install two equipment cabinets and a 25-kilowatt diesel fueled emergency backup generator with a double walled base tank on a proposed 10-foot by 15-foot concrete pad with ice canopy within the existing fenced compound at ground level. A GPS antenna, an ice bridge, one automatic transfer switch, 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.

The site would have a cumulative worst-case power density of 24.6% of the applicable limit using a -10 dB off-beam adjustment for broadcast panel antennas and a -20 dB off-beam adjustment for highly focused parabolic antennas (i.e., 2500 MHz).

If approved, staff recommends the following condition:

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26. **TS-CING-162-211025** - New Cingular Wireless PCS, LLC (AT&T) request for an order to approve tower sharing at an existing telecommunications facility located at 32 Norfolk Road, Winchester, Connecticut.

This tower is a 150-foot stealth monopine owned by American Tower Corporation. The underlying property is owned by WIN 21, LLC. The Council issued a Certificate to Cellco Partnership d/b/a Verizon Wireless for this facility in Docket No. 361 on September 11, 2008.

The tower currently supports Verizon at the 147-foot level.

AT&T intends to install three 700/850/1900 MHz antennas, three 2100/2300 MHz antennas and nine RRUs on a platform antenna mount at the 137-foot level and two cables on the tower. AT&T also intends to install one walk-in equipment cabinet on an 8-foot 8-inch by 8-foot 8-inch concrete pad and a 15-kilowatt diesel fueled emergency backup generator with a base tank on a proposed concrete pad within the existing fenced compound at ground level. A GPS antenna, an ice bridge, one automatic transfer switch, 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.

The site would have a cumulative worst-case power density of 11.3% 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;
- The antennas, mount and associated equipment are camouflaged consistent with the existing monopine.



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27. **TS-DISH-142-211026** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 497 Old Post Road, Tolland, Connecticut.

This tower is a 150-foot guyed lattice tower owned by Clearview Tower Company II, LLC. The underlying property is also owned by Clearview Tower Company II, LLC. This facility was approved by the Town of Tolland.

The tower currently supports Sprint/T-Mobile at the 147-foot level and AT&T at the 126-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on three sector frame antenna mounts at the 113-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 13.8% 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.

28. **TS-DISH-152-211026** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 51 Daniels Avenue, Waterford, Connecticut.

This tower is a 180-foot self-supporting lattice tower owned by SBA Communications Corporation. The underlying property is owned by the Town of Waterford (Town). This facility was approved by the Town.

The tower currently supports AT&T at the 170-foot level, T-Mobile at the 160-foot level and Verizon at the 140-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 150-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 9.3% of the applicable limit using a -10 dB off-beam adjustment.



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If approved, staff recommends the following condition:

- Approval of any changes be delegated to Council staff.

29. **TS-DISH-059TA-211026** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 1294 Pleasant Valley Road North, Groton, Connecticut.

This tower is a 150-foot monopole owned by SBA Communications Corporation. The underlying property is owned by JFM Enterprises LLC. The Council issued a Certificate to Optasite Towers, LLC for this facility in Docket No. 330 on June 7, 2007.

The tower currently supports Verizon at the top level, T-Mobile at the 137-foot level and AT&T at the 127-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 117-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 14.0% 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.

30. **TS-DISH-059TB-211026** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 1662 Route 184 (a/k/a 1662 Gold Star Highway), Groton, Connecticut

This tower is a 150-foot monopole owned by SBA Communications Corporation. The underlying property is owned by Chester G. Crouch Jr. The Council issued a Certificate to Optasite Inc. and New Cingular Wireless PCS, LLC for this facility in Docket No. 319 on February 27, 2007.

The tower currently supports Verizon at the top level, T-Mobile at the 139-foot level and AT&T at the 128-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 117-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.



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The site would have a cumulative worst-case power density of 28.2% 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.

31. **TS-DISH-129-211027** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 248 Hall Hill Road, Somers, Connecticut.

This tower is a 179-foot monopole owned by Eco Site Inc. (a subsidiary of Vertical Bridge REIT, LLC). The underlying property is owned by John and Debra Romano. The Council issued a Certificate to Eco Site Inc. for this facility in Docket No. 476 on February 15, 2018.

The tower currently supports T-Mobile at the top level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 155-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 1.8% 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.

32. **TS-DISH-008-211027** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 755 Amity Road, Bethany, Connecticut.

This tower is a 151-foot monopole owned by Crown Castle. The underlying property is owned by the Town of Bethany. The Council issued a Certificate to Springwiche Cellular Limited Partnership for this facility in Docket No. 168 on July 6, 1995.

The tower currently supports AT&T at the top level, Verizon at the 138-foot level and Sprint/T-Mobile at the 130/120-foot levels.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 103-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. A GPS antenna, an ice bridge, a utility meter and an underground telco/electric line would also be installed.



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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 27.1% 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.

33. **TS-DISH-070-211029** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 133 (a/k/a 131) Little City Road, Killingworth, Connecticut.

This tower is a 302-foot self-supporting lattice tower owned by American Tower Corporation. The underlying property is also owned by American Tower Corporation. This facility was approved by the Town of Killingworth.

The tower currently supports AT&T at the 272-foot level, Sprint/T-Mobile at the 261/245-foot levels and Verizon at the 171-foot level. *The Council received a tower share request from T-Mobile for this facility on October 18, 2021. A description of T-Mobile's request is provided in item # 18.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 200-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 11.0% 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.

34. **TS-DISH-060-211029** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 201 Granite Road, Guilford, Connecticut

This tower is a 110-foot monopole owned by Crown Castle. The underlying property is owned by Winterfell Gables. The Council issued a Certificate to AT&T Wireless PCS d/b/a AT&T Wireless for this facility in Docket No. 252 on October 14, 2003.

The tower currently supports Verizon at the top level, AT&T at the 97-foot level and T-Mobile at the 87-foot level.



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Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 77-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 29.4% 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.

35. **TS-DISH-040-211029** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 60 South Main Street, East Granby, Connecticut.

This tower is a 98-foot monopole owned by Crown Castle. The underlying property is owned by Galasso Holdings, LLC. This facility was approved by the Town of East Granby.

The tower currently supports Sprint/T-Mobile at the 96/90-foot levels, AT&T at the 77-foot level and Verizon at the 67-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 48-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 51.0% 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.

36. **TS-DISH-049-211029** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 2 (a/k/a 4) Oliver Road, Enfield, Connecticut.

This tower is a 160-foot monopole owned by Crown Castle. The underlying property is owned by Oliver Road Holding, LLC. The Council issued a Certificate to Metro Mobile CTS of Hartford Inc. for this facility in Docket No. 139 on September 18, 1991.

The tower currently supports AT&T at the top level, Verizon at the 149-foot level and Sprint/T-Mobile at the 135/117-foot levels.



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Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 127-foot level and one cable on the tower. The proposed 600/1900 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 11.9% 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.

37. **TS-DISH-058-211012** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 131 Bishop Crossing Road, Griswold, Connecticut.

This tower is a 146-foot monopole owned by SBA Communications Corporation. The underlying property is owned by Harvey Polinsky. This facility was approved by the Town of Griswold.

The tower currently supports AT&T at the top level and Sprint/T-Mobile at the 117-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 132-foot level and one cable on the tower. The proposed 600/1900/2100 MHz antennas would be capable of providing 5G services. Dish also intends to install one equipment cabinet, one power protection cabinet and one proposed H-frame on a 7-foot by 5-foot steel equipment platform. 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.

The site would have a cumulative worst-case power density of 12.7% 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.