



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

January 7, 2022

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 January 13, 2022. 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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TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NOS. 9 - 32

9. **TS-DISH-113-211029** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 191 Middle Haddam Road, Portland, Connecticut.

This tower is a 138-foot monopole owned by American Tower Corporation. The underlying property is owned by Verizon Wireless. The Council issued a Certificate to Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless, for this facility in Docket No. 206 on July 11, 2002.

The tower currently supports T-Mobile at the top level, Verizon at the 131-foot level and AT&T at the 119-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 69-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 24.9% 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.

10. **TS-DISH-104-211105** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 202 North Wawecus Hill Road, Norwich, Connecticut.

This tower is a 140-foot monopole owned by American Towers. The underlying property is owned by Michael Grenier and Cheryl Hyatt. The Council issued a Certificate to Wireless Solutions X, LLC for this facility in Docket No. 270 on September 28, 2005.

The tower currently supports T-Mobile at the 137-foot level and Verizon at the 116-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 104-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 33.3% 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.

11. **TS-DISH-146-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 777 Talcottville Road, Vernon, Connecticut.

This tower is a 160-foot monopole owned by American Tower. The underlying property is owned by 777 Realty, LLC. This facility was approved by the Town of Vernon.

The tower currently supports Sprint/T-Mobile at the top level and 130-foot level, Verizon at the 150-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 107-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 29.6% 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.

12. **TS-DISH-132-211118** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 300 Governors Highway, South Windsor, Connecticut

This tower is a 169-foot monopole owned by Crown Castle. The underlying property is owned by Electron Technologies Corporation. This facility was approved by the Town of South Windsor.

The tower currently supports Sprint/T-Mobile at the 165/148-foot levels, AT&T at the 156-foot level, Sigfox at the 119-foot level and Verizon at the 111-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a platform antenna mount at the 138-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 30.2% 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.

13. **TS-DISH-154-211118** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 798 Toby Hill Road, Westbrook, Connecticut.

This tower is a 150-foot monopole owned by Crown Castle. The underlying property is owned by Toby Hill Farm, LLC. This facility was approved by the Town of Westbrook.

The tower currently supports Sprint/T-Mobile at the top level, Verizon at the 140-foot level and AT&T at the 130-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a three T-arm antenna mounts at the 120-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 25.9% 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.

14. **TS-VER-129-211118** - Cellco Partnership d/b/a Verizon Wireless 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 180-foot monopole owned by Eco-Site, Inc. 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 175-foot level and DISH at the 155-foot level.

Verizon intends to install three 700/850/1900 MHz antennas, three 700/850/2100/3500 MHz antennas, three 3700 MHz antennas and nine RRUs on a platform antenna mount at the 165-foot level and two cables on the tower. The proposed 3700 MHz antennas would be capable of providing 5G services. Verizon also intends to install a 50-kilowatt propane-fueled emergency backup generator, a 500-gallon propane tank, two equipment cabinets, and one proposed H-frame with utility cabinets on a 17-foot by 12-foot concrete pad with ice shield. 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.

The site would have a cumulative worst-case power density of 8.4% 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.

15. **TS-DISH-014A-211119** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 171 Short Beach Road, Branford, Connecticut.

This tower is a 119-foot monopole owned by American Tower. The underlying property is owned by 171 Short Beach Road Realty, LLC. The Council issued a Certificate to North Atlantic Towers, LLC for this facility in Docket No. 427 on December 13, 2012.

The tower currently supports AT&T at the top level and Verizon at the 100-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 110-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 27.6% 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.

16. **TS-DISH-102-211119** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 118C Wintechog Hill Road, North Stonington, Connecticut.

This tower is a 250-foot self-supporting lattice tower owned by American Tower. The underlying property is also owned by American Tower. This facility was approved by the Town of North Stonington.

The tower currently supports Sprint/T-Mobile at the 246/225-foot levels, Sigfox at the 236-foot level and AT&T at the 175-foot level.

Dish intends to remove the existing abandoned antennas and associated equipment at the 155-foot level and install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 165-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 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.

17. **TS-DISH-106-211119** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 77 Springbrook Road, Old Saybrook, Connecticut.

This tower is a 175-foot monopole owned by American Tower. The underlying property is owned by Crossroads Communications of Old Saybrook, LLC. This facility was approved by the Town of Old Saybrook.

The tower currently supports Verizon at the 173-foot level and T-Mobile at the 162/152-foot levels.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 140-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 10.0% 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.

18. **TS-DISH-020-211122** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 87 Monce Road, Burlington, Connecticut.

This tower is a 119-foot monopole owned by American Tower. The underlying property is owned by Insite Towers Development, LLC. This facility was approved by the Town of Burlington.

The tower currently supports AT&T at the 110-foot level, T-Mobile at the 100-foot level and Verizon at the 91-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 70-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 26.3% 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.

19. **TS-T-MOBILE-168-211124** – T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 85 Paper Mill Road, Woodbury, Connecticut.

This tower is a 150-foot monopole owned by Crown Castle. The underlying property is owned by Jodie Bryan. The Council issued a Certificate to New Cingular Wireless PCS, LLC for this facility in Docket No. 375 on August 27, 2009.

The tower currently supports AT&T at the 148-foot level.

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 128-foot level and four 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 240-gallon 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 21.2% 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.

20. **TS-DISH-047-211124** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 50 Plantation Road, East Windsor, Connecticut.

This tower is a 133-foot water tank tower owned by Plantation Properties, LLC. The underlying property is also owned by Plantation Properties, LLC. This facility was approved by the Town of East Windsor.

The water tank tower currently supports, Sprint/T-Mobile at the 126/120-foot level and AT&T at the 114-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three stand-off pipe mounts attached to the legs of the water tank tower at the 85-foot level and three cables 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 33.0% 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.

21. **TS-DISH-023-211201** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 540 Cherry Brook Road, Canton, Connecticut.

This tower is a 150-foot monopole owned by SBA Communications Inc. The underlying property is owned by the Town of Canton (Town). This facility was approved by the Town.

The tower currently supports Verizon at the top level, AT&T at the 138-foot level and T-Mobile at the 129-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 105-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 11.1% 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.

22. **TS-DISH-009-211130** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 64 Codfish Hill Road, Bethel, Connecticut.

This tower is a 150-foot monopole owned by Tarpon Towers. The underlying property is also owned by Tarpon Towers. The Council issued a Certificate to Florida Partners, LLC d/b/a North Atlantic Towers for this facility in Docket No. 458 on September 17, 2015.

The tower currently supports Verizon at the top level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 135-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 5.8% 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.

23. **TS-DISH-144-211130** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 98 Jeffrey Place, Trumbull, Connecticut.

This tower is a 150-foot monopole owned by Tarpon Towers. The underlying property is owned by the Town of Trumbull (Town). This facility was approved by the Town.

The tower currently supports Verizon at the 140-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 130-foot level and one cable on the tower. The proposed 600/1900/2100 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 17.3% 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.

24. **TS-DISH-079-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 73 North Main Street, Marlborough, Connecticut.

This tower is a 155-foot monopole owned by Crown Castle. The underlying property is owned by Advantage Properties, LLC. The Council issued a Certificate to Bell Atlantic Nynex Mobile Inc., for this facility in Docket No. 169 on October 25, 1995.

The tower currently supports Verizon at the top level, AT&T at the 144-foot level and Sprint/T-Mobile at the 130/100-foot level.

Dish intends to install three 600/1900 MHz antennas and six RRUs on a three T-arm antenna mounts at the 116-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 41.6% 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.

25. **TS-DISH-096-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at Canterbury Road (a/k/a 4 Elington Farm Road), New Milford, Connecticut.

This tower is a 150-foot monopole owned by American Tower. The underlying property is owned by Canterbury School Inc. The Council issued a Certificate to SNET Cellular Inc., for this facility in Docket No. 138 on November 26, 1990.

The tower currently supports AT&T at the 154-foot level, Sprint/T-Mobile at the 141/75-foot levels and Verizon at the 132-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 122-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 18.8% 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.

26. **TS-DISH-132-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 391 Niederwerfer Road, South Windsor, Connecticut.

This tower is a 75-foot monopole owned by American Tower. The underlying property is owned by Carolcliff Hill, LLC. The Council issued a Certificate to Southern New England Telephone for this facility in Docket No. 40 on May 15, 1984, with the condition that “construction activities shall take place during daylight working hours”.

The tower currently supports AT&T at the top level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 63-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 39.7% 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.
- Construction activities shall take place during daylight working hours in accordance with condition No. 8 of the Council’s Decision and Order in Docket No. 40.

27. **TS-DISH-006-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 401-411 Lopus Road, Beacon Falls, Connecticut.

This tower is a 149-foot monopole owned by American Tower. The underlying property is owned by the Town of Beacon Falls (Town). This facility was approved by the Town.

The tower currently supports AT&T at the 145-foot level, T-Mobile at the 135/127-foot levels and Verizon at the 115-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 105-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 33.7% 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.

28. **TS-DISH-048-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 101 Burbank Road, Ellington, Connecticut.

This tower is a 180-foot self-supporting lattice tower owned by SBA Communications Corporation. The underlying property is owned by Bernard and Jane Asumadu. This facility was approved by the Town of Ellington.

The tower currently supports T-Mobile at the top level, Verizon at the 177/78-foot levels and AT&T at the 157-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 147-foot level and one cable on the tower. The proposed 600/1900/2100 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 6.5% 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.

29. **TS-DISH-054-211202** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 175 Dickinson Road, Glastonbury, Connecticut.

This tower is a 176-foot monopole owned by SBA Communications Corporation. The underlying property is owned by Randall Chapman. This facility was approved by the Town of Glastonbury.

The tower currently supports Sprint/T-Mobile at the 176/157-foot level, Verizon at the 167-foot level and AT&T at the 137-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 147-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 14.7% 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.

30. **TS-DISH-077-211203** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 60 Adams Street, Manchester, Connecticut.

This tower is a 141-foot monopole owned by SBA Communications Corporation. The underlying property is owned by Pom-Pom Gali, LLC. This facility was approved by the Town of Manchester.

The tower currently supports Sprint/T-Mobile at the 117/135-foot levels, AT&T at the 125-foot level and Verizon at the 90-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 100-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 31.1% 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.

31. **TS-DISH-084-211206** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 528 Wheelers Farm Road, Milford, Connecticut.

This tower is a 120-foot monopole owned by Crown Castle. The underlying property is owned by The Village Foundation Inc. This facility was approved by the City of Milford.

The tower currently supports Sprint/T-Mobile at the 122/105-foot levels, Verizon at the 113-foot level and AT&T at the 96-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 86-foot level and one cable on the tower. The proposed 600/1900/2100 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 80.2% 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.

32. **TS-DISH-088-211208** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 641 Maple Hill Road, Naugatuck, Connecticut.

This tower is a 180-foot monopole owned by Tarpon Towers. The underlying property is owned by the Borough of Naugatuck (Town). This facility was approved by the Town.

The tower currently supports T-Mobile at the 167-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 157-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 3.2% 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.