

December 10, 2021

TO: Council Members

FROM: Melanie Bachman, Executive Director

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 16, 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

Contact Information:

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

TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NOS. 13 - 44

13. **TS-DISH-061-210920** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 539 Plains Road, Haddam, Connecticut.

This tower is a 180-foot self-supporting lattice tower owned by Crown Castle. The underlying property is owned by 539 Plain Road, LLC. 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 178-foot level, AT&T at the 165-foot level and Sprint/T-Mobile at the 150-foot level.

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 14.5% 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; and
- Construction activities shall take place during daylight working hours in accordance with Condition No. 14 of the Council’s Decision and Order in Docket No. 58.

14. **TS-DISH-137-211105** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 166 Pawcatuck Avenue, Stonington, Connecticut.

This tower is a 119-foot monopole owned by American Tower. The underlying property is owned by Alan D JR & Jill N M & Alan D SR. This facility was approved by the Town of Stonington.

The tower currently supports Sprint/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 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 14.3% 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.

15. **TS-DISH-105-211105** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 61-1 Buttonball Road, Old Lyme, Connecticut.

This tower is a 100-foot monopole owned by American Tower. The underlying property is owned by Landmark Dividend, LLC. The Council issued a Certificate to T-Mobile Northeast, LLC (T-Mobile for this facility in Docket No. 393 on September 23, 2010.

The tower currently supports T-Mobile 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 74-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 12.2% 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.

16. **TS-DISH-160-211027** – Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 109 Schofield Road, Willington, Connecticut.

This tower is a 149-foot guyed lattice tower owned by Tarpon Towers II, LLC (Tarpon). The underlying property is also owned by Tarpon. This facility was approved by the Town of Willington.

The tower currently does not support any carriers.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 145-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 1.42% 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-CING-162-211027** – New Cingular Wireless PCS, LLC (AT&T) notice of intent to modify an existing telecommunications facility located at 428 Platt Hill Road, Winchester, Connecticut.

This tower is a 225.5-foot self-supporting lattice tower owned by American Tower (AT). The underlying property is also owned by AT. This facility was approved by the Town of Winchester.

The tower currently supports Sprint/T-Mobile at the 196-foot level.

AT&T intends to install three 700/850/1900 MHz antennas, three 2100/2300 MHz antennas and nine RRUs on three sector frame antenna mounts at the 170-foot level and four cables on the tower. The proposed 2100/2300 MHz antennas would be capable of providing 5G services. AT&T also intends to install one walk in equipment cabinet on an 8-foot by 8-foot concrete pad and a 30-kilowatt diesel-fueled emergency backup generator on a 4-foot by 8-foot concrete pad. 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 7.4% 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.

18. **TS-CING-053-211028** - New Cingular Wireless PCS, LLC (AT&T) request for an order to approve tower sharing at an existing telecommunications facility located at 89 Dr. Nott Road, Franklin, Connecticut.

This tower is 300-foot guyed lattice tower owned by American Tower. The underlying property is owned by Victoria Penske Aitchison. This facility was approved by the Town of Franklin.

The tower currently supports Sprint/T-Mobile at the 180-foot level, Verizon at the 169-foot level and Sigfox at the 160-foot level.

AT&T intends to install three 700/850/1900 MHz antennas, three 2500 MHz antenna and nine RRUs on three sector frame antenna mounts at the 196-foot level and six cables on the tower. The proposed 2500 MHz antennas would be capable of providing 5G services. AT&T also intends to install one walk in equipment cabinet on an 8-foot by 8-foot concrete pad and a 15-kilowatt diesel-fueled emergency backup generator on a 5-foot 2-inch by 3-foot 9-inch concrete pad. 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 13.7% 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.

19. TS-DISH-130-211029 - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 214 Russian Village Road, Southbury, Connecticut.

This tower is a 130-foot monopole owned by Crown Castle. The underlying property is owned by Mieke and Thomas S. Crider. This facility was approved by the Town of Southbury.

The tower currently supports AT&T at the 130-foot level and Sprint/T-Mobile at the 100/118/120-foot levels.

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 16.8% 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.

20. TS-DISH-121-211105 - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 399 West Road, Salem, Connecticut.

This tower is a 177-foot monopole owned by American Tower. The underlying property is owned by Jason Clark. The Council issued a Certificate to Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless for this facility in Docket No. 198 on July 25, 2001.

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 167-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 4.2% 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.

21. **TS-DISH-101-211112-** Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 50 Devine Street, North Haven, Connecticut.

This tower is a 129-foot monopole owned by American Tower. The underlying property is owned by 424 Chapel Street, LLC. The Council issued a Certificate to Phoenix Partnership, LLC for this facility in Docket No. 384 on February 25, 2010 with the condition that “All ground equipment associated with antennas installed on the tower shall be installed at a level above the 100-year flood elevation”.

The tower currently supports Verizon at the top level, T-Mobile at the 119-foot level and AT&T at the 107-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 96-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 37.9% 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; and
- All ground equipment associated with antennas installed on the tower shall be installed at a level above the 100-year flood elevation in accordance with condition No. 3 of the Council’s Decision and Order in Docket No. 384.

22. **TS-DISH-007-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 286 (a/k/a 260) Beckley Road, Berlin, Connecticut.

This tower is a 151-foot monopole owned by American Tower. The underlying property is owned by John & Elaine Matulis. The Council issued a Certificate to the 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, Sprint/T-Mobile at the 127/142-foot levels 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 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 32.3% 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; and
- 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.

23. **TS-DISH-060A-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 10 Tanner Marsh Road, Guilford, Connecticut.

This tower is a 191-foot self-supporting lattice tower owned by American Tower (AT). The underlying property is owned by the Town of Guilford. The Council issued a Declaratory Ruling to AT for this facility in Petition No. 1021 on February 16, 2012.

The tower currently supports T-Mobile at the 177-foot level and AT&T at the 166-foot level,

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts 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 14.9% 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.

24. **TS-DISH-060B-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 79 Moose Hill Road, Guilford, Connecticut.

This tower is a 109-foot monopole owned by American Tower. The underlying property is owned by Leetes Associates, LLC. The Council issued a Certificate to T-Mobile Northeast, LLC for this facility in Docket No. 417 on October 6, 2011.

The tower currently supports T-Mobile at the 108-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 97-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 11.2% 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.

25. **TS-DISH-049-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 77 Town Farm Road (a/k/a Ecology Drive), Enfield, Connecticut.

This tower is a 190-foot guyed lattice tower owned by American Tower. The underlying property is owned by the Town of Enfield. The Council issued a Certificate to Continental Cablevision of Connecticut Incorporated for this facility in Docket No. 38 on March 18, 1984.

The tower does not currently support any carriers.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts 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 1.2% 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.

26. **TS-DISH-054-211112-** Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 577 Bell Street, Glastonbury, Connecticut.

This tower is a 104-foot self-supporting lattice tower owned by American Tower. The underlying property is owned by 577 Bell Street, LLC. The Council issued a Certificate to the Greater Hartford CATV, Inc. for this facility in Docket No. 16 on January 11, 1980.

The tower currently supports Verizon at the 102-foot level, AT&T at the 90 level and T-Mobile at the 65-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 55-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 43.5% 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

27. **TS-DISH-056-211112-** Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 8 (a/k/a 49) Upper Meadow West, Granby, Connecticut.

This tower is a 151-foot monopole owned by American Tower. The underlying property is owned by Tower Meadow, LLC. The Council issued a Certificate to AT&T Wireless PCS, LLC d/b/a AT&T Wireless for this facility in Docket No. 263 on December 22, 2003.

The tower currently supports Verizon at the 150-foot level and AT&T at the 134-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 125-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 4.4% 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.

28. **TS-DISH-023A-211112**- Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 309 East Hill Road (a/k/a 4 Hoffmann) Road, Canton, Connecticut.

This tower is a 150-foot monopole owned by American Tower. The underlying property is owned by James H. & Katherine E. Hart. The Council issued a Certificate to the Southern New England Telephone Company for this facility in Docket No. 62 on August 4, 1986, with the condition that “construction activities shall take place during daylight working hours”.

The tower currently supports AT&T at the top level, T-Mobile at the 140-foot level and Verizon at the 118-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 108-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 22.8% 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; and
- 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. 62.

29. **TS-DISH-023B-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 650 Albany Turnpike, Canton, Connecticut.

This tower is a 120-foot monopole owned by American Tower. The underlying property is owned by Perry W. Lansford. The Council issued a Certificate to Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless for this facility in Docket No. 204 on February 14, 2002.

The tower currently supports Verizon at the top level, AT&T at the 110-foot level and T-Mobile 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 89-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 17.8% 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.

30. **TS-DISH-023C-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 14 Canton Springs Road, Canton, Connecticut.

This tower is a 140-foot monopole owned by American Tower. The underlying property is owned by the Canton Volunteer Fire Company Inc. This facility was approved by the Town of Canton.

The tower currently supports AT&T at the 130-foot level, Verizon at the 120-foot level and Sprint/T-Mobile at the 100/90-foot levels.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 80-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 28.4% 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.

31. **TS-DISH-139-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 174 South Grand Street, Suffield, Connecticut.

This tower is a 139-foot monopole owned by American Tower. The underlying property is owned by Robert G. Paganelli. The Council issued a Certificate to Cellco Partnership d/b/a Verizon Wireless for this facility in Docket No. 403 on December 2, 2010.

The tower currently supports AT&T at the 135-foot level and Verizon at the 121-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 9.5 % 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.

32. **TS-DISH-088-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 880 Andrew Mountain Road, Naugatuck, Connecticut.

This tower is a 119-foot monopole owned by American Tower. The underlying property is owned by Andrew B. Russell Sr. The Council issued a Declaratory Ruling to North Atlantic Towers, LLC and New Cingular Wireless PCS, LLC for this facility in Petition No. 973 on April 28, 2011.

The tower currently supports AT&T at the top level and Verizon at the 106-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 96-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 31.2% 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.

33. **TS-DISH-016-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 111 Second Hill Road, Bridgewater, Connecticut.

This tower is a 160-foot monopole owned by American Tower. The underlying property is owned by Robert J. Riebe. The Council issued a Certificate to New Cingular Wireless PCS, LLC for this facility in Docket No. 437 on September 5, 2013.

The tower currently supports AT&T at the 156-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 145-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 4.9% 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.

34. **TS-DISH-168-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 478 Good Hill Road, Woodbury, Connecticut.

This tower is a 147-foot monopole owned by American Tower. The underlying property is owned by Roxbury Land Trust Inc. The Council issued a Certificate to Litchfield Acquisition Corporation d/b/a AT&T Wireless Services for this facility in Docket No. 183 on May 13, 1998.

The tower currently supports Verizon at the top level and AT&T at the 124-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 101-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 10.6% 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.

35. **TS-DISH-092-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 20 Antolini Road, New Hartford, Connecticut.

This tower is a 145-foot monopole owned by American Tower. The underlying property is owned by the South End Fire District. The Council issued a Certificate to Litchfield Acquisition Corporation d/b/a AT&T Wireless Services for this facility in Docket No. 184 on June 25, 1998.

The tower currently supports Sprint/ T-Mobile at the top level and the 125/52-foot levels, Verizon at the 142 level and AT&T at the 82-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 114-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 25.5% 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.

36. **TS-DISH-064-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 99 Meadow Street, Hartford, Connecticut.

This tower is a 148-foot monopole owned by American Tower. The underlying property is owned by the Meadow Street Realty LLC. This facility was approved by the City of Hartford.

The tower currently supports AT&T at the 137-foot level, Sprint/T-Mobile at the 123/98-foot levels and Verizon at the 79-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 74.3% 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.

37. **TS-DISH-120-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 377 Southbury Road, Roxbury, Connecticut.

This tower is a 170-foot monopole owned by American Tower. The underlying property is owned by Apex Acres, LLC. The Council issued a Certificate to New Cingular Wireless PCS, LLC (AT&T) for this facility in Docket No. 428 on March 21, 2013.

The tower currently supports AT&T at the 166-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 136-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 14.9% 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.

38. **TS-DISH-156-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 668 Jones Hill Road, West Haven, Connecticut.

This tower is a 149-foot monopole owned by American Tower (AT). The underlying property is also owned by AT. The Council issued a Certificate to Omnipoint Communications for this facility in Docket No. 293 on May 11, 2005.

The tower currently supports Sprint/T-Mobile at the top level and the 143/115-foot levels, Verizon at the 134-foot level and AT&T at the 125-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 106-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 47.4% 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.

39. **TS-DISH-130-211112** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 111 Upper Fish Rock Road, Southbury, Connecticut.

This tower is a 99-foot monopole owned by American Tower. The underlying property is owned by Carl Ferencek. The Council issued a Certificate to Cellco Partnership d/b/a Verizon Wireless for this facility in Docket No. 325 on April 10, 2007.

The tower currently supports Verizon at the top level and AT&T 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 78-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 13.2% 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.

40. **TS-DISH-040-211116** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 54 (a/ka 56) Floydville Road, East Granby, Connecticut.

This tower is a 120-foot monopole owned by SBA Properties, LLC. The underlying property is owned by D I Paine & Sons LLC. This facility was approved by the Town of East Granby.

The tower currently supports Verizon at the 117-foot level, T-Mobile at the 107-foot level and AT&T at the 87-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 97-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 24.6% 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.

41. **TS-DISH-134-211117** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 51 Stony Lane, Stafford, Connecticut.

This tower is a 118-foot monopole owned by SBA Properties, LLC. The underlying property is owned by the Susan A. Cashman Revocable Living Trust. The Council issued a Certificate to Sprint Spectrum d/b/a Sprint PCS for this facility in Docket No. 213 on March 21, 2002.

The tower currently supports Sprint/T-Mobile at the top level and Verizon at the 108-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 98-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 29.0% 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.

42. **TS-DISH-102-211117** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 267 Norwich Westerly Road, North Stonington, Connecticut.

This tower is a 150-foot monopole owned by SBA. The underlying property is owned by the North Stonington Volunteer Fire Company Inc. This facility was approved by the Town of North Stonington.

The tower currently supports Sprint/T-Mobile at the 147/117-foot levels, Verizon at the 137-foot level and AT&T at the 107-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 127-foot level and one cable on the tower. The proposed 600/1900/2100 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 18.5% 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.

43. **TS-DISH-104-211117** - Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 292 Plain Hill Road, Norwich, Connecticut.

This tower is a 180-foot monopole owned by SBA. The underlying property is owned by Kelvin H. & Frances S. Stott. This facility was approved by the City of Norwich.

The tower currently supports Sprint/T-Mobile at the 177-foot level, Verizon at the 159-foot level and AT&T at the 147-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on a platform antenna mount at the 137-foot level and one cable on the tower. The proposed 600/1900/2100 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 14.6% 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.

44. **TS-DISH-081-211118-** Dish Wireless LLC request for an order to approve tower sharing at an existing telecommunications facility located at 1021 Straits Turnpike (a/k/a 1 Service Road), Middlebury, Connecticut

This tower is a 195-foot self-supporting lattice tower owned by Phoenix Tower International. The underlying property is owned by the Town of Middlebury (Town). This facility was approved by the Town.

The tower currently supports Sprint/T-Mobile at the 195/153-foot levels, AT&T at the 185-foot level and Verizon at the 169-foot level.

Dish intends to install three 600/1900/2100 MHz antennas and six RRUs on three sector frame antenna mounts at the 138-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 17.6% 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.