



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

July 11, 2018

Kri Pelletier
Property Specialist
SBA Communications Corporation
134 Flanders Rd., Suite 125
Westborough, MA 01581

RE: **EM-SPRINT-147-180621** – Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 497 Ekonk Hill Road, Voluntown, Connecticut.

Dear Ms. Pelletier:

The Connecticut Siting Council (Council) is in receipt of your correspondence of July 10, 2018 submitted in response to the Council's June 27, 2018 notification denying the above-referenced matter.

The Council's decision to deny this exempt modification is final. Therefore, any additional change to this facility will require explicit notice to the Council pursuant to Regulations of Connecticut State Agencies Section 16-50j-73 and a filing fee.

Thank you for your time in this matter.

Sincerely,

Melanie Bachman
Executive Director

MAB/FC/in

Enclosures



Cunliffe, Fred

From: Kri Pelletier <KPelletier@sbsite.com>
Sent: Tuesday, July 10, 2018 12:02 PM
To: Bachman, Melanie; Barton, Jenna
Cc: CSC-DL Siting Council; Rick Woods
Subject: EM-SPRINT-147-180621--RE: [External] Council Decision Letter for EM-SPRINT-147-180621-EkonkHillRd-Voluntown
Attachments: CT54XC704-PASSING-MOUNT-STRUCTURAL-ANALYSIS-REV1-06-29-18.pdf; em-sprint-147-180621-denialltr_stonehillroad_voluntown.pdf

Re: 111 Stone Hill Rd., Voluntown, CT / EM-SPRINT-147-180621

Melanie/Jenna – Good Morning,

We are in receipt of Council's letter dated June 27, 2018.

Attached, please find a revised Antenna Mount Structural Analysis dated June 29, 2018, showing load within limits established by Council.

Thank you,

Kri Pelletier

Prop Spec - Svcs

508.251.0720 x3804 + T
508.366.2610 + F
203.446.7700 + C

From: Bachman, Melanie [mailto:Melanie.Bachman@ct.gov]
Sent: Friday, June 29, 2018 11:44 AM
To: Kri Pelletier <KPelletier@sbsite.com>; Barton, Jenna <Jenna.Barton@ct.gov>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>; Rick Woods <RWoods@sbsite.com>
Subject: RE: [External] Council Decision Letter for EM-SPRINT-147-180621-EkonkHillRd-Voluntown

Good morning, Kri.

It appears there may be some confusion relative to the two pending Sprint requests for exempt modifications on towers located on Ekonk Hill Road in both Sterling (EM-SPRINT-136-180621) and Voluntown (EM-SPRINT-147-180621) that were submitted to the Siting Council on the same date.

The Sprint request for an exempt modification on Ekonk Hill Road in Sterling is being processed.

The subject denial letter relates to the Voluntown site, which is identified as 111 Stone Hill Road in the request from Sprint and on our Comprehensive List of Sites database, but is unfortunately only identified as 497 Ekonk Hill Road on our database of CSC-Approved Telecommunications Sites (which we will correct). The Sweets own both abutting parcels and as indicated on the property card properly submitted with the filing, their mailing address is 497 Ekonk Hill Road, but the tower parcel address is 111 Stone Hill Road.

The request was denied because the Antenna Mount Structural Analysis dated March 21, 2018 that was submitted with the request indicates the installation would load the antenna mount to 101% of its capacity. The Siting Council does not allow for any overstress of the tower or the antenna mount.

I hope this provides clarification. If you have any additional questions, please feel free to contact our office.

Thanks.

Melanie

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051
860-827-2951



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From: Kri Pelletier [<mailto:KPelletier@sbsite.com>]
Sent: Friday, June 29, 2018 10:29 AM
To: Barton, Jenna <Jenna.Barton@ct.gov>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>; Rick Woods <RWoods@sbsite.com>
Subject: RE: [External] Council Decision Letter for EM-SPRINT-147-180621-EkonkHillRd-Voluntown

Good Morning Jenna,

We have reviewed your correspondence and offer the following information:

The Structural Analysis is a global report that includes the cumulative contributions of all the individual antenna components and reports on the overall strength of the tower itself, inclusive of the antenna mounts. The antenna mount assessment is a local structural analysis and only analyzes these smaller components of the antenna supports. The two are stand-alone percentages, never added together.

Please additionally note that the filing addresses a site in the Town of Sterling, as opposed to Voluntown as noted in the Council's subject line above.

Thank you,

Kri Pelletier
Prop Spec - Svcs

508.251.0720 x3804 + T
508.366.2610 + F
203.446.7700 + C

From: Barton, Jenna [<mailto:Jenna.Barton@ct.gov>]
Sent: Thursday, June 28, 2018 4:08 PM
To: Kri Pelletier <KPelletier@sbsite.com>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: [External] Council Decision Letter for EM-SPRINT-147-180621-EkonkHillRd-Voluntown

Please see the attached correspondence.

Jenna Barton
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051
Jenna.Barton@ct.gov



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June 27, 2018

Kri Pelletier
Property Specialist
SBA Communications Corporation
134 Flanders Rd., Suite 125
Westborough, MA 01581

RE: **EM-SPRINT-147-180621** – Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 497 Ekonk Hill Road, Voluntown, Connecticut.

Dear Ms. Pelletier:

The Connecticut Siting Council (Council) hereby denies your request to modify the above-referenced existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The requested modification, as proposed, would load the antenna mount to a maximum of 101 percent of its capacity, which is above the 100% limit established by the Council under guidance from the Connecticut State Building Inspector.

In accordance with the Council's November 6, 2017 memorandum to telecommunications carriers and their representatives (attached), the Council will accept filings with tower overstresses "if the filing is accompanied by a formal opinion from the Connecticut State Building Inspector specifically regarding the structure in question stating that such overstress of the specific structure is allowable." The above-referenced exempt modification filing is not accompanied by a formal opinion from the Connecticut State Building Inspector.

Thus, the proposed modification is not in compliance with the exemption criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies.

Sincerely,

Melanie Bachman
Executive Director

MAB/FC/in

Enclosure

c: Tracy Hanson, First Selectman, Town of Voluntown
Peter Zvingilas, Zoning Enforcement Officer, Town of Voluntown
Thomas M. & Patricia A. Sweet, Property Owner





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MEMORANDUM

Date: November 6, 2017

To: Telecommunications Carriers and their Representatives

From: Melanie Bachman, Executive Director *MAB*

Re: Exempt Modification/Tower Share Filing
Acceptable Overstress for Communications Towers

The Connecticut Siting Council (Council) has received requests for exempt modifications to existing jurisdictional towers that include statements relating to allowable potential "overstress" in the structural analysis reports submitted with exempt modification filings. Given the statement in the Connecticut State Building Inspector's April 27, 2017 correspondence to the Council, a copy of which is attached, indicating that "the State Building Code would allow limited overstresses under certain conditions for existing towers," the Council will accept such filings if the filing is accompanied by a formal opinion from the Connecticut State Building Inspector specifically regarding the structure in question stating that such overstress of the specific structure is allowable. If the exempt modification filing with an overstress situation does not include this formal opinion specific to the structure, the filing will be denied.

Thank you in advance for your cooperation.

MAB/CMW/laf

Enclosure: State Building Inspector Letter, dated April 27, 2017

c: Joseph V. Cassidy, P.E., State Building Inspector



CONNECTICUT SITING COUNCIL
Affirmative Action / Equal Opportunity Employer



DEPARTMENT OF ADMINISTRATIVE SERVICES

April 27, 2017

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Interpretation of 2016 CT State Building Code IBC Section 3404
Acceptable Loading of Existing Structures

Ms. Bachman,

In your email of March 24, 2017 you requested an interpretation regarding the structural stresses allowed during an alteration of an existing communication tower, specifically whether an overstress up to 5% would be allowed by the State Building Code.

Answer:

These alterations are regulated by chapter 34 – Existing Buildings and Structures of the 2012 IBC portion of the 2016 State Building Code. Section 3404.3 discusses gravity loading and states in salient part “Any existing gravity load-carrying structural element for which an alteration causes an increase in design gravity load of more than 5 percent shall be strengthened...”. Section 3404.4 discusses lateral loads and includes an exception which states in salient part “Any existing lateral load-carrying structural element whose demand-capacity ratio with the alteration considered is no more than 10 percent greater than its demand-capacity ratio with the alteration ignored shall be permitted to remain unaltered.” This exception continues to require that the effects of all additions and alterations must be included in this analysis.

Therefore, the State Building Code would allow limited overstresses under certain conditions for existing towers.

Sincerely,

Joseph V. Cassidy, P.E.
State Building Inspector