



Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

February 11, 2021

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

RE: Construction Close Out – T-Mobile

EM-T-MOBILE-001-190627	EM-T-MOBILE-025-181227	TS-T-MOBILE-097-181228
EM-T-MOBILE-011-190308	EM-T-MOBILE-034-190124	EM-T-MOBILE-084-180911
EM-T-MOBILE-156-181107	EM-T-MOBILE-054b-190718	EM-SPRINT-118-190502

Dear Ms. Bachman:

This letter is to confirm that all construction activity has been completed for the below exempt modifications on the dates indicated below pursuant to the conditions of approval as stated in the applicable Council decision letters enclosed. Please contact me should you have any questions.

Street Address	Town	CC	Account Number	Decision Date
Jonathan Trumbull Highway (Route 1)	Andover	6/18/2020	EM-T-MOBILE-001-190627	7/15/2019
1121 Summit Road	Cheshire	8/29/2019	EM-T-MOBILE-025-181227	1/14/2019
24 Dinglebrook Lane	Newtown	5/29/2020	TS-T-MOBILE-097-181228	1/18/2019
28 Brewer Drive	Bloomfield	7/11/2019	EM-T-MOBILE-011-190308	4/22/2019
41 Padanaram Road	Danbury	12/2/2020	EM-T-MOBILE-034-190124	2/11/2019
434 Boston Post Road	Milford	5/31/2019	EM-T-MOBILE-084-180911	10/1/2018
85 Plainfield Avenue	West Haven	6/28/2019	EM-T-MOBILE-156-181107	11/26/2018
115 Birch Mountain Road	Glastonbury	7/10/2020	EM-T-MOBILE-054b-190718	8/12/2019
845 Ethan Allen Highway	Ridgefield	11/22/2019	EM-SPRINT-118-190502	5/28/2019

Sincerely,

Anne Marie Zsamba

Anne Marie Zsamba
Project Manager – Site Acquisition
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com

The Foundation for a Wireless World.

Enclosures

CrownCastle.com



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

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www.ct.gov/csc

July 15, 2019

Anne Marie Zsamba
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-T-MOBILE-001-190627** - T-Mobile notice of intent to modify an existing telecommunications facility located at 122 Jonathan Trumbull Highway (a/k/a Route 6), Andover, Connecticut.

Dear Ms. Zsamba:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. The proposed installation shall be installed in accordance with the Mount Analysis Report prepared by Paul J. Ford and Company, dated April 26, 2019 and signed and stamped by Joseph Pachicarrah Jacobs;
2. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the Mount Analysis Report;
3. Site preparation and construction activities shall occur during the time period of November 1 through March 31 to reduce potential impacts to populations of the Wood Turtle (*Clemmys insculpta*), a State Species of Special Concern;
4. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
5. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
8. The validity of this action shall expire one year from the date of this letter; and
9. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated June 26, 2019. The

modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/IN/emr

- c: The Honorable Robert Burbank, First Selectman, Town of Andover
John Valente, Zoning Agent, Town of Andover
ASC Real Estate, Inc., Property Owner

August 31, 2020

Mr. Jason Smith
Crown Castle
3200 Horizon Drive, Suite 150
King of Prussia, PA 19406
(610) 635-3225



B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
btwo@btgrp.com

Subject: Construction Completion Letter

Carrier Designation: Site Name: CT501/ ATT Andover-Prime

Engineering Firm Designation: B+T Group Project Number: 135726.003.01

Site Data: 122 Jonathan Trumbull Hwy (Route 6), Andover, CT 06232
Latitude 41.75012°, Longitude -72.402707°
Monopole

Dear Mr. Smith,

B+T Group is pleased to submit this "Construction Completion Letter" regarding the above mentioned Monopole.

We reviewed the photographs of the telecommunications equipment installed on the Monopole, taken on June 18, 2020. Based on the photographs provided and the construction drawings by B+T Group dated June 18, 2019, this telecommunications site has the following antennas and associated equipment installed in three sectors on the Monopole.

- (3) New Antennas
- (3) New RRHs
- (1) New Hybrid Cable

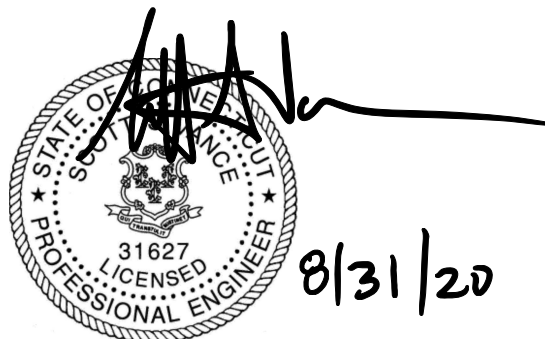
The quantities and types of antennas and associated equipment from the photographs are in compliance, therefore, it is our opinion that the antennas and associated equipment were properly installed.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects, please give us a call.

Construction Control Inspection Letter prepared by: Sam Cody

Respectfully submitted by: B+T Engineering, Inc. (COA 31627 Exp. 1/31/21)

Scott S. Vance, P.E.
Engineer of Record





STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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January 14, 2019

William Stone

Real Estate Specialist

Crown Castle

3 Corporate Park Drive, Suite 101

Clifton Park, NY 12065

RE: **EM-T-MOBILE-025-181227** – T-Mobile notice of intent to modify an existing telecommunications facility located at 1119 Summit Road, Cheshire, Connecticut.

Dear Mr. Stone:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to T-Mobile's antenna installation, the antenna mount modifications shall be installed in accordance with the Mount Modification Design Report prepared by Maser Consulting, dated October 15, 2018 and stamped and signed by Petros E. Tsoukalas;
2. Within 45 days following completion of equipment installations, T-Mobile shall provide documentation that its installation complied with the recommendations of the Mount Modification Design Report;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated November 9, 2018. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured



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at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

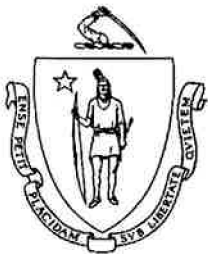
Sincerely,



Melanie A. Bachman
Executive Director

MAB/FOC/emr

- c: The Honorable Robert Oris, Jr., Chairman, Town of Cheshire ✓
Sean M. Kimball, Town Manager, Town of Cheshire ✓
William S. Voelker, AICP, Town Planner, Town of Cheshire ✓
Thomas & M. Joanne Didomizio, Property Owners ✓



Final Construction Control Document

To be submitted at completion of construction by a
Registered Design Professional
for work per the ninth edition of the
Massachusetts State Building Code, 780 CMR, Section 107

Project Title: CT11352C/T-Mobile Antenna Upgrade - L700 **Date:** 03/13/2020 **Permit No.** 19-30

Property Address: 1119 Summit Road, Cheshire CT 06410

Project: Check (x) one or both as applicable: **New construction** **Existing Construction** (x)

Project description: Replacing (6) existing antennas with new models. Removing (1) coax, adding (1) hybrid. Adding (3) RRUs. Removing (3) BIAS T.

I, John S. Stevens, MA Registration Number: 49647 Expiration date: 06/30/20, am a **registered design professional**, and I have prepared or directly supervised the preparation of all design plans, computations and specifications concerning:

Architectural
Fire Protection

Structural
Electrical

Mechanical
Other: Telecommunications

for the above named project. I, or my designee, have performed the necessary professional services and was present at the construction site on a regular and periodic basis. To the best of my knowledge, information, and belief the work proceeded in accordance with the requirements of 780 CMR and the design documents approved as part of the building permit and that I or my designee:

1. **Have reviewed**, for conformance to this code and the design concept, shop drawings, samples and other submittals by the contractor in accordance with the requirements of the construction documents.
2. **Have performed** the duties for registered design professionals in 780 CMR Chapter 17, as applicable.
3. **Have been present** at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the work and to determine if the work was performed in a manner consistent with the construction documents and this code.

Nothing in this document relieves the contractor of its responsibility regarding the provisions of 780 CMR 107.

Enter in the space to the right a "wet" or electronic signature and seal:

John S. Stevens



Phone number: 518-690-0790

Email: mstevens@infinigy.com

Building Official Use Only

Building Official Name:

Permit No.:

Date:



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January 18, 2019

William Stone
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **TS-T-MOBILE-097-181228** – T-Mobile Northeast LLC request for an order to approve tower sharing at an existing telecommunications facility located at 24 Dinglebrook Lane, Newtown, Connecticut.

Dear Mr. Stone:

At a public meeting held on January 17, 2019, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures with the following conditions:

1. Prior to T-Mobile's antenna installation, the tower modifications shall be installed in accordance with the Tower Modification Drawings as shown in Appendix D of the Structural Modification Report prepared by FDH Infrastructure Services, LLC, dated September 18, 2018 and stamped and signed by Dennis D. Abel;
2. Within 45 days following completion of equipment installations, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Structural Modification Report;
3. Approval of any minor changes be delegated to Council staff;
4. Any deviation from the proposed installation as specified in the original tower share request and supporting materials with the Council shall render this decision invalid;
5. Any material changes to the proposed installation as specified in the original tower share request and supporting materials filed with the Council shall require an explicit request for modification to the Council pursuant to Connecticut General Statutes § 16-50aa, including all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65;
6. Not less than 45 days after completion of the proposed installation, the Council shall be notified in writing that the installation has been completed;
7. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function.
8. The validity of this action shall expire one year from the date of this letter; and
9. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council and applies only to this request for tower sharing dated December 27, 2018. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower. Any deviation from the approved tower sharing request is enforceable under the provisions of Connecticut General Statutes § 16-50u.



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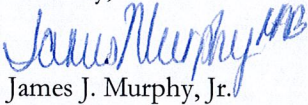
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The proposed shared use is to be implemented as specified in your letter dated December 27, 2018 including the placement of all necessary equipment and shelters within the tower compound.

Please be advised that the validity of this action shall expire one year from the date of this letter.

Thank you for your attention and cooperation.

Sincerely,



James J. Murphy, Jr.
Acting Chairman

JM/MAB/emr

- c: The Honorable Daniel C. Rosenthal, First Selectman, Town of Newtown
George Benson, Director of Planning and Land Use, Town of Newtown
Genesis TT, LLC, Property Owner

Date: July 1, 2019
Engineered Tower Solutions, PLLC
3227 Wellington Court
Raleigh, NC 27615
(919) 782-2710



Modification Inspection Report

Crown Castle Site Information

Crown POC: Dan Vadney
3 Corporate Park Drive Suite 101
Clifton Park, NY 12065
BU Number: 857525
Site Name: NEWTON DINGLEBROOK
Site Address: 24 Dinglebrook Lane, Newtown, Connecticut 06470
Latitude 41° 28' 1.01", **Longitude** -73° 20' 2.05"

150 Foot – Monopole Tower

Engineered Tower Solutions, PLLC is pleased to submit this "**Modification Inspection Report**" to Crown Castle for the modification/reinforcement to the subject structure. This Modification Inspection (MI) was performed in accordance with CED-SOW-10007 Modification Inspection SOW.

Based on our inspection, Engineered Tower Solutions, PLLC determines this project:

☒ **PASSING MI**

The configuration, materials and/or workmanship of the modifications are installed in accordance with the Contract Documents. If additional information or the full report are required, please contact Crown Castle.

Modification Design Information:

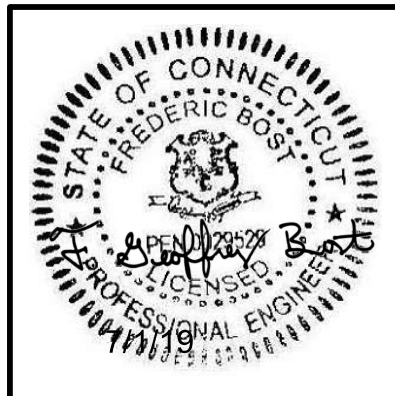
SDD Vendor: FDH Infrastructure Services
SDD Date: 9/18/2018
Vendor Job Number: 18SWZL1400 ; WO# 1621394
Name of EOR: Dennis D. Abel, PE
Source of SDD: 7839699

MI Vendor Information:

Dates on Site: 6/5/2019
MI Crew Lead: Hunter Thomas, EI, CWI

We at Engineered Tower Solutions, PLLC appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted,





STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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April 22, 2019

William Stone
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-T-MOBILE-011-190308** – T-Mobile notice of intent to modify an existing telecommunications facility located at 28 Brewer Drive, Bloomfield, Connecticut.

Dear Mr. Stone:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to T-Mobile's antenna installation, the tower modifications shall be installed in accordance with the Structural Modification Report prepared by Paul J. Ford and Company, dated March 22, 2019 and stamped and signed by Justin T. Kline;
2. Prior to T-Mobile's antenna installation, the antenna mount modifications shall be installed in accordance with the Mount Modification Design and Analysis Report prepared by Maser Consulting, dated March 29, 2018 and stamped and signed by Petros Tsoukalas;
3. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Mount Modification Design and Analysis Report;
4. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
5. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
8. The validity of this action shall expire one year from the date of this letter; and
9. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

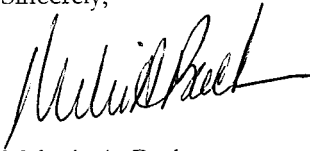
The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated October 22, 2018, and additional



information received April 4, 2019. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/IN/emr

- c: The Honorable Suzette DeBeatham-Brown, Mayor, Town of Bloomfield
- Philip K. Schenck, Jr., Town Manager, Town of Bloomfield
- Jose Giner, Director of Planning, Town of Bloomfield
- Bloomfield Cemetery Association, Property Owner

INFINIGY®

FROM ZERO TO INFINIGY
the solutions are endless

1033 WATERVLIET SHAKER RD, ALBANY, NY 12205

03/17/2020

To: Christian Harrington
Crown Castle
12 Gill Street, Suite 5800
Woburn, MA 01801
T: 781-970-0054
Christian.harrington@crowncastle.com

RE:	PE Closeout Letter	
	Project:	T-Mobile Antenna Upgrade – L700
	T-Mobile Modification Site #:	CT11278A
	T-Mobile Site Name:	Bloomfield/DTWN
	Crown BU#:	876329
	Address:	28 Brewer Drive, Bloomfield, CT 06002

To Mr. Harrington,

INFINIGY has conducted a post construction review of the above-mentioned site. INFINIGY has also prepared the construction drawings for this site. As such, we have conducted a final review of the proposed installation for the sole purpose to verify that the installation was completed in accordance with the site plans.

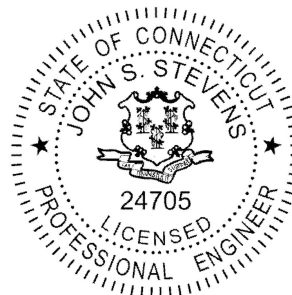
Based on our review of the Signed and Sealed Engineering Drawings for this site completed by INFINIGY (Revision 0, Dated 09/11/2018), contractor provided redlined drawings, dated 08/29/2019 and contractor-provided as-built closeout photos, it is the opinion of INFINIGY that the site was built in general conformance with the site plans.

For any additional information or questions, please feel free to reach out directly. My contact is below. Thank you!

Sincerely,



John S. Stevens
Professional Engineer, CT
INFINIGY Engineering, PLLC
Email: mstevens@infinigy.com



AZ CA CO FL GA IL MD NC NH NJ NY TN TX WA

INFINIGY®

City of Danbury – Department of Buildings
Attn: Dave Newland – Building Inspector
155 Deer Hill Ave
Danbury, CT 06810

January 8, 2021

**RE: CONSTRUCTION CERTIFICATION LETTER
BUILDING PERMIT # 19-220
T-MOBILE SITE NAME: CT896/M&M CONCRETE POLE
SITE ADDRESS: 41 PADANARAM RD, DANBURY, CT 06811
TECTONIC W.O.: 9166.25 & 9810.823531**

Dear Mr. Newland,

Tectonic Engineering & Surveying Consultants, P.C. (Tectonic)) has reviewed post-construction photos (dated November 25, 2020) and as-built drawings provided by the general contractor. The purpose of Tectonic's review was to ensure the work completed under this permit was performed in general conformance with the Construction Drawings (dated January 22, 2019) prepared by Tectonic. The conclusion of our review is that, to the best of my knowledge, the antenna have been installed in accordance with the approved drawings. The deviation from the antenna supports was approved by Structural Engineering Company Paul J. Ford & Company.

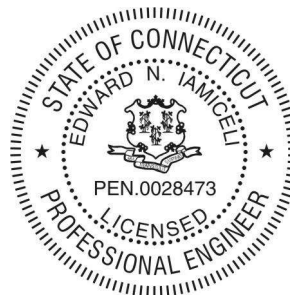
If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

Tectonic Engineering & Surveying Consultants, P.C.



Edward Iamiceli, PE
Managing Director-Structural



Project Contact Info

36 British American Boulevard, Suite 101 | Latham, NY 12110
518.783.1630 Tel | 518.783.1544 Fax

tectonicengineering.com
Equal Opportunity Employer



STATE OF CONNECTICUT

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

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www.ct.gov/csc

October 1, 2018

William Stone
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-T-MOBILE-084-180911** – T-Mobile notice of intent to modify an existing telecommunications facility located at 434 Boston Post Road, Milford, Connecticut.

Dear Mr. Stone:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to T-Mobile's antenna installation, the antenna mount modifications shall be installed in accordance with the Mount Structural Analysis prepared by Infinigy dated June 22, 2018 and stamped and signed by Joseph R. Johnston;
2. Within 45 days following completion of equipment installations, T-Mobile shall provide documentation that its installation complied with the recommendations of the Mount Structural Analysis.
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated September 6, 2018. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured



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at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/FC/emr

- c: The Honorable Benjamin G. Blake, Mayor, City of Milford
David Sulkis, City Planner, City of Milford

Statement of Special Inspections

Project: CT11018F

Location: 434 Boston Post Road, Milford, CT 06460

Owner: Crown Castle, 2000 Corporate Drive, Canonsburg, PA 15317

Design Professional in Responsible Charge: B&T Engineering, Inc
1717 S. Boulder Ave
Suite 300, Tulsa, Ok, 74119

Scott S Vance
CT PE# 31627

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

☐ Structural ☐ Mechanical/Electrical/Plumbing

☐ Architectural ☒ Other: Removal and Installation of Antennas

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

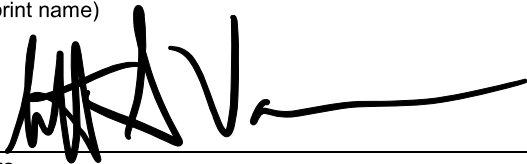
Interim Report Frequency:

Final – at project completion
or ☒ ~~per attached schedule.~~

Prepared by:

Sam Cody

(type or print name)


Signature

5/13/20
Date



Owner's Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- | | |
|--|--|
| <input type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input checked="" type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator Jason Smith	Crown Castle	Crown Castle, 2000 Corporate Drive, Canonsburg, PA 15317
2. Inspector		
3. Inspector		
4. Testing Agency		
5. Testing Agency		
6. Other		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category

Quality Assurance Plan Required (Y/N) *No*

Description of seismic force resisting system and designated seismic systems:

Quality Assurance for Wind Requirements

Ultimate Wind Speed (3 second gust) *125 mph*

Wind Exposure Category *C*

Quality Assurance Plan Required (Y/N) *No*

Description of wind force resisting system and designated wind resisting components:

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Agency # (Qualif.)	Scope
Remove/Add Antennas		Remove: (3) Antennas (4) Coax Proposed: (3) Antennas (1) HCS Fiber Modify existing mounts per mount analysis by Mastec Network Solutions dated 7/26/19.



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

November 26, 2018

William Stone

Real Estate Specialist

Crown Castle

3 Corporate Park Drive, Suite 101

Clifton Park, NY 12065

RE: **EM-T-MOBILE-156-181107** – T-Mobile notice of intent to modify an existing telecommunications facility located at 85 Plainfield Avenue, West Haven, Connecticut.

Dear Mr. Stone:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to T-Mobile's antenna installation, the non-carrier equipment is removed, consistent with section 4.1) Recommendations of the Structural Analysis Report prepared by B+T Group, dated October 3, 2018 and stamped and signed by Scott S. Vance;
2. Within 45 days following completion of equipment installations, T-Mobile shall provide documentation that its installation complied with the recommendations of the Structural Analysis Report;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated November 6, 2018. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured

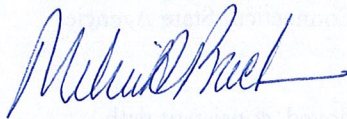


CONNECTICUT SITING COUNCIL
Affirmative Action / Equal Opportunity Employer

at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/FOC/emr

- c: The Honorable Nancy R. Rossi, Mayor, City of West Haven
Fred A. Messorre, Commissioner of Planning and Development, City of West Haven
Sprint, Property Owner

June 29, 2020

RE: Carrier Information: CTNH506A-876323
Crown Castle Site Name: Hillside
Crown Castle BU#: 876323
Site Address: 85 Plainview Ave, West Haven, CT 06516
Tectonic Work Order #: 8570.CTNH506A
SIGNOFF LETTER – MOUNT REPLACEMENT

To Whom It May Concern,

Tectonic Engineering & Surveying Consultants, P.C. (Tectonic) has reviewed the documents provided of the equipment installation at the above referenced site. The following information has been provided for the purpose of this review:

- Mount Replacement Analysis Report by Tectonic, WO# 9500.876323, dated 9/08/18.
- Closeout Photos of the new mount installation, dated 8/20/19.
- Structural Bolt Inspection Letter by D&A Construction, dated 6/2/20.

Upon our review of the documents provided, we believe that the mount replacement performed on 8/20/19 was constructed in accordance with the Mount Replacement Analysis Report by Tectonic, dated 9/8/18. Furthermore, based on the bolt inspection letter referenced above, we believe that D&A Construction installed the new mount per the manufacturer specifications and inspected the structural bolts in accordance with the AISC Steel Construction Manual.

This review is based solely on the information provided. Tectonic has not performed a site visit as part of this assessment.

Should you have any questions, please do not hesitate to contact us at 845-567-6656.

Sincerely,

Tectonic



Antonio A. Gualtieri, P.E.
Executive Vice President



Antonio A. Gualtieri
I have reviewed this document
2020-06-30 11:38-04:00

Project Contact Info

1279 Route 300 | Newburgh, NY 12550
845.567.6656 Tel | 845.567.8703 Fax

tectonicengineering.com
Equal Opportunity Employer



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

August 12, 2019

Anne Marie Zsamba
Real Estate Specialist
Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-T-MOBILE-054b-190718** – T-Mobile notice of intent to modify an existing telecommunications facility located at 115 Birch Mountain Road, Glastonbury, Connecticut.

Dear Ms. Zsamba:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to T-Mobile's antenna installation, the antenna mount modifications shall be installed in accordance with the Mount Analysis Report prepared by Paul J. Ford and Company, dated May 2, 2019 and stamped and signed by Justin T. Kline;
2. Within 45 days following the completion of equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the Mount Analysis Report;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated July 17, 2019. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site

boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/IN/emr

- c: The Honorable Thomas P. Gullotta, Chairman, Town of Glastonbury
Richard J. Johnson, Town Manager, Town of Glastonbury
Khara Dodds, Director of Planning and Land Use Services, Town of Glastonbury
Scarrone Park, LLC c/o Maria A. Toczyska, Property Owner

September 16, 2020

Mr. Jason Smith
Crown Castle
3200 Horizon Drive, Suite 150
King of Prussia, PA 19406
(610) 635-3225



B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630
btwo@btgrp.com

Subject: Construction Completion Letter

Carrier Designation: Site Name: Glastonbury/ RT-94 & Fern

Engineering Firm Designation: B+T Group Project Number: 121186.004.01

Site Data: 115 Birch Mtn. Road, Glastonbury, CT 06033
Latitude 41.708914°, Longitude -72.473450°
Self-Support Tower

Dear Mr. Smith,

B+T Group is pleased to submit this "Construction Completion Letter" regarding the above mentioned Self-Support Tower.

We reviewed the photographs of the telecommunications equipment installed on the Self-Support Tower, taken on July 23, 2020. Based on the photographs provided and the construction drawings by B+T Group dated July 17, 2019, this telecommunications site has the following antennas and associated equipment installed in three sectors on the Self-Support Tower.

- (3) New Antennas
- (3) New RRUs
- (1) New SSC
- (3) New Hybrid Cables
- Modify Existing Mounts per Mount Analysis by Paul J. Ford dated 5/2/19

The quantities and types of antennas and associated equipment from the photographs are in compliance, therefore, it is our opinion that the antennas and associated equipment were properly installed.

We at B+T Group appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects, please give us a call.

Construction Control Inspection Letter prepared by: Sam Cody

Respectfully submitted by: B+T Engineering, Inc. (COA PEC.0001564 Exp. 2/10/21)

Scott S. Vance, P.E.
Engineer of Record





STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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E-Mail: siting.council@ct.gov

www.ct.gov/csc

May 28, 2019

Jeffrey Barbadora
Real Estate Specialist
Crown Castle
12 Gill Street, Suite 5800
Woburn, MA 01801

RE: **EM-SPRINT-118-190502** – Sprint notice of intent to modify an existing telecommunications facility located at 845 Ethan Allen Highway, Ridgefield, Connecticut.

Dear Mr. Barbadora:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

1. Prior to Sprint's antenna installation, the tower modifications shall be installed in accordance with the Structural Modification Report prepared by Paul J. Ford and Company, dated February 7, 2019, and stamped and signed by Joseph Pachicarah Jacobs;
2. Within 45 days following completion of equipment installation, Sprint shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Structural Modification Report;
3. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by Sprint shall be removed within 60 days of the date the antenna ceased to function;
7. The validity of this action shall expire one year from the date of this letter; and
8. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated May 1, 2019 and additional information received May 14, 2019. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies

electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,

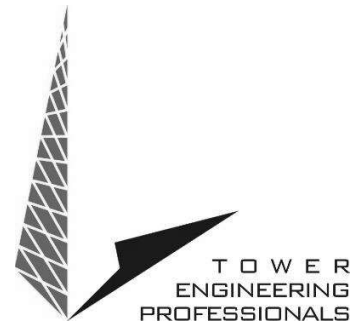


Melanie A. Bachman
Executive Director

MAB/IN/emr

- c: The Honorable Rudolph P. Marconi, First Selectman, Town of Ridgefield
Richard S. Baldelli, Director of Planning and Zoning, ZEO, Town of Ridgefield
845 Wireless Investments, LLC, Property Owner

Date: September 18, 2019
Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351 (Office)



Modification Inspection Report

Crown Castle Site Information

Crown POC: Dan Vadney
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
BU Number: 826927
Site Name: Redding Rt7
Site Address: 845 Ethan Allen Highway, Ridgefield, CT 06877
Latitude N 41° 18' 46.86", **Longitude W** 73° 28' 20.48"
100 Foot – Monopole Tower

Tower Engineering Professionals is pleased to submit this "**Modification Inspection Report**" (MI Report) to Crown Castle for the modification/reinforcement to the subject structure. This Modification Inspection (MI) was performed in accordance with Crown Castle CED-SOW-10007 Modification Inspection SOW.

Based on our inspection, Tower Engineering Professionals determines this project:

☒ **PASSING MI**

The configuration, materials and/or workmanship of the modifications are installed in accordance with the Contract Documents. If additional information or the full report are required, please contact Crown Castle.

Modification Design Information:

SDD Vendor: Paul J. Ford and Company
SDD Date: March 29, 2019
Vendor Job Number: 37519-0244.001.7700
Name of EOR: Joseph P. Jacobs, P.E.
Source of SDD: 8307484

MI Vendor Information:

Dates on Site: 9/11/2019 & 9/12/19
MI Crew Lead: James Harms, C.W.I.

We at Tower Engineering Professionals appreciate the opportunity of providing our continuing professional services to you and Crown Castle. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted,



Kevin R. Arnett, P.E., C.W.I.