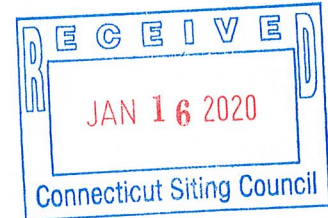




Crown Castle  
3 Corporate Park Dr  
Clifton Park, NY 12018

January 14, 2020

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



**RE: Construction Close Out – BU 806362 APP 446207  
347 East Street, Wolcott, Connecticut  
EM-T-MOBILE-166-181114**

ORIGINAL

Dear Ms. Bachman:

This letter is to confirm that all construction activity has been completed pursuant to the conditions of approval as stated in the Council's decision dated **December 10, 2018**. Furthermore, enclosed please find the modification inspector report pursuant to conditions of approval numbers one and two.

Please contact me should you have any questions.

Sincerely,

A handwritten signature in dark ink that reads 'Anne Marie Zsamba'.

Anne Marie Zsamba  
Network Real Estate Specialist  
3 Corporate Park Drive, Suite 101  
Clifton Park, NY 12065  
(201) 236-9224  
AnneMarie.Zsamba@crowncastle.com

Engineered Tower Solutions, PLLC  
 3227 Wellington Court  
 Raleigh, NC 27615  
 Office: (919) 782-2710  
 Kyle.Evans@ets-pllc.com



**Date:** March 19, 2019

Dan Vadney  
 Crown Castle USA, Inc.  
 3 Corporate Park Drive Suite 101  
 Clifton Park, NY 12065

**Subject:** Modification Inspection Report

**Crown Castle Designation:** Crown Castle BU Number: 806362  
 Crown Castle Site Name: NHV 108 943133  
 Crown Castle JDE Job Number: 512700

**Engineering Firm Designation:** Engineered Tower Solutions, PLLC Project Number: 190162

**Site Data:** Intersection of RTE 322/Meridian Rd Wolcott Site, Wolcott,  
 New Haven County, CT  
 Latitude 41° 33' 34.41", Longitude -72° 56' 49.10"  
 185 Foot – Self Support Tower

Engineered Tower Solutions, PLLC 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, Contract Documents, and Crown Castle Purchase Order number 1679470. The purpose of this MI is to confirm that the modification installation configuration and workmanship are in accordance with the contract document(s) listed in Table 2. The MI is not a review of the adequacy or effectiveness of the modification/reinforcement solution.

Table 1 – General Information

	Company	Contact	Dates on Site
MI Vendor	Engineered Tower Solutions, PLLC	Kyle Evans, PE, CWI	N/A
MI Crew Lead	Engineered Tower Solutions, PLLC	Matthew Crowley, EI	3/8/2019
Assistant Inspector	Engineered Tower Solutions, PLLC	Grimaldi Garcia	3/8/2019
		<input checked="" type="checkbox"/> Independent	<input type="checkbox"/> EOR

Table 2 – Documents

Document(s)	Remarks	Source
Tower Modification drawings, 10/10/2018; JACOBS Job #: 1628360	Paul L. Mucci, PE; WO#: 1628360 Application ID: 446207 Rev.1	CCI Sites Doc Number: 7904718

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 and no deficiencies were found.

**FAILING MI**

The configuration, materials and/or workmanship of the modifications are NOT installed in accordance with the Contract Documents. The rejection is based on non-conformance in the following area(s):

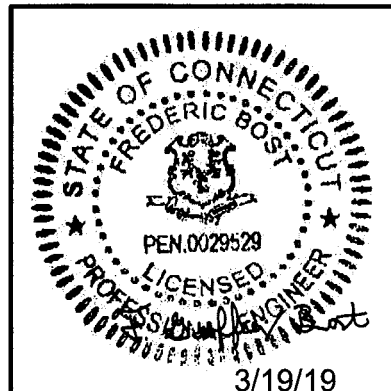
- Materials (see detail below)
- Workmanship (see detail below)
- Configuration (see detail below)

ANY DEVIATIONS FROM ORIGINAL DESIGN OR MI CHECKLIST REQUIREMENTS THAT HAVE BEEN APPROVED SHALL BE NOTED HERE:

- Bottom of safety climb served with tape (EOR Approved).
- Safety does not extend to the top of the tower. The Anchors from the top of the SC to the top of the tower are acceptable (EOR Approved).
- Gussets in the tower extension are 5"x3-1/4"x1/4", while the plans specify 3-1/4"x3-1/2"x1/4" (EOR Approved).
- Coax jumpers have been installed where they wrap around the diagonals (Crown Approved).
- Cold Galv in-progress photo Waived (Crown approved)
- Used A53 Gr A (30ksi) extension legs in lieu of ASTM A618 (50Ksi). The tower leg capacity rating increases from 9.5% to 14.1% when considering the lower grade pipe steel used. This is approved, provided Crown approval is also received for the stress rating increase (EOR/Crown Approved)

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,



PE Seal



# 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](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

December 10, 2018

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

RE: **EM-T-MOBILE-166-181114** – T-Mobile notice of intent to modify an existing telecommunications facility located at 347 East Street, Wolcott, 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 equipment installation, the tower reinforcement and modifications shall be performed in accordance with the Structural Modification Report and Tower Reinforcement Drawings both prepared by Jacobs Engineering Group, both dated October 10, 2018, and stamped and signed by Paul L. Mucci;
2. Within 45 days following completion of equipment installations, T-Mobile shall provide documentation that its installation complied with the recommendations of the Structural Modification Report and Tower Reinforcement Drawings;
3. Construction activities shall take place during daylight working hours consistent with condition no. 14 of the Decision and Order in Docket No. 56;
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 November 9, 2018, and



additional information received November 21, 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 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 Thomas G. Dunn, Mayor, Town of Wolcott  
David Kalinowski, Zoning Inspector, Town of Wolcott  
Agostinho and Joanne Rodrigues, Property Owners