



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

September 13, 2021

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

RE: Construction Close Out – BU 881541 APP 479806
700 Grassy Hill Road, Orange, Connecticut
EM-T-MOBILE-107-201123

Dear Attorney 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 21, 2020**. Furthermore, enclosed please find the review and approval of Raphael I. Mohamed, P.E. which provides that the installation occurred in conformance with the subject mount analysis and construction drawings provided.

Please contact me should you have any questions.

Sincerely,

Anne Marie Zsamba

Anne Marie Zsamba
Project Manager – Site Acquisition
Crown Castle USA, Inc.
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com

The Foundation for a Wireless World.

CrownCastle.com



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
Web Site: www.ct.gov/csc

VIA ELECTRONIC MAIL

December 21, 2020

Richard Zajac
Network Real Estate Specialist
Crown Castle USA
4545 East River Road, Suite 320
West Henrietta, NY 14586

RE: **EM-T-MOBILE-107-201123** – T-Mobile notice of intent to modify an existing telecommunications facility located at 700 Grassy Hill Road, Orange, Connecticut.

Dear Mr. Zajac:

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. Antennas to be installed on the tower shall be on a T-bar antenna platform or flush mounted consistent with Condition No. 1 of the Council's Decision and Order in Docket No. 262;
2. Prior to T-Mobile's antenna installation, the antenna mount modifications shall be installed in accordance with the Mount Analysis prepared by Mastec Network Solutions, dated June 3, 2019 and stamped and signed by Raphael Mohamed;
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 Analysis;
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 23, 2020. 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,

s/ Melanie A. Bachman

Melanie A. Bachman
Executive Director

MAB/IN/emr

c: The Honorable James M. Zeoli, First Selectman, Town of Orange (jzeoli@orange-ct.gov)
Jack Demirjian, Zoning Administrator & Enforcement Officer, Town of Orange
(jdemirjian@orange-ct.gov)

July 7, 2021

Craig Koppang

12 Gill Street, Suite 5800
Woburn, MA 01801
Tel (617) 816-1620
Craig.Koppang@crowncastle.com

Mastec Network Solutions

507 Airport Blvd,
Suite 111, Morrisville, NC 27560
Tel (919) 674-5895
MNS.Engineering@mastec.com

Subject:

Close Out Letter

Carrier Designation:

Carrier:

T-Mobile

Site Name:

Rogers Property

BU Number:

881541

Engineering Firm Designation:

MasTec Network Solutions

Project Number:

27052-PEL1

Site Data:

700 Grassy Hill Road, Orange, New Haven County, CT 06477
Latitude 41° 17' 7.7994", Longitude -73° 2' 33"

Dear Mr. Koppang,

Mastec Network Solutions is pleased to submit this **Close Out Letter** in order to verify the installation of the above mentioned project.

Some of the following documentation was reviewed in order to assess the proper installation of the aforementioned equipment:

- Site Visit completed: 3/22/2021
- Mount Modification Drawings Number 18545-MOD1 by MasTec Network Solutions, dated 6/3/2019
- Construction As-Built Drawings Rogers Property by Kimley-Horn, dated 7/23/2019

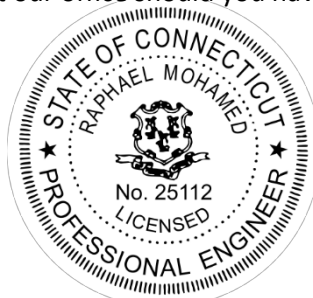
Upon review, it was deemed that the installation of the line and antenna telecommunication and mount modifications as satisfactorily installed and **PASSED** in terms of the original design intent of the drawings prepared for this site.

This Close Out Letter is consistent with the guidelines as stated in the *2015 International Building Code and ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas*.

We at MasTec Network Solutions appreciate the opportunity of providing continued specialty services. Please do not hesitate to contact our office should you have any questions.

Prepared By:

Jason Benson
Senior Structural Designer



Reviewed By:

Raphael I. Mohamed, PE, PEng
Senior Director of Engineering
CT PE License No. 25112