



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

March 30, 2021

Attorney Bachman  
Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

**RE: Construction Close Out – T-Mobile**

EM-T-MOBILE-130-190722    EM-T-MOBILE-044-190820    EM-T-MOBILE-139-190829  
EM-T-MOBILE-014-190717    EM-T-MOBILE-030-190829    EM-T-MOBILE-014B-190801  
EM-T-MOBILE-035-190731

Dear Attorney 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.

Site Address	Town	CX Complete	Account Number	Decision Date
214 Russian Village Rd	Southbury	6/24/2020	EM-T-MOBILE-130-190722	8/12/2019
259 Commerce Street	East Haven	9/1/2020	EM-T-MOBILE-044-190820	9/9/2019
2715 Mountain Rd	Suffield	10/16/2019	EM-T-MOBILE-139-190829	9/16/2019
10 Sylvia Street	Branford	1/14/2021	EM-T-MOBILE-014-190717	8/5/2019
14 Thompson Hill Rd	Columbia	10/21/2020	EM-T-MOBILE-030-190829	9/30/2019
850 West Main St	Branford	9/22/2020	EM-T-MOBILE-014B-190801	8/26/2019
126 Ledge Road	Darien	10/16/2020	EM-T-MOBILE-035-190731	9/19/2019

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

Enclosures



# 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)

September 9, 2019

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

RE: **EM-T-MOBILE-044-190820** - T-Mobile notice of intent to modify an existing telecommunications facility located at 259 Commerce Street, East Haven, 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, antenna mount modifications shall be installed in accordance with the Mount Analysis prepared by MasTec Network Solutions, dated May 13, 2019 and stamped and signed by Raphael Mohamed;
2. Within 45 days following the completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the Mount 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 August 19, 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/RDM/laf

- c: The Honorable Joseph Maturo, Jr., Mayor, Town of East Haven
- Christopher Soto, Planning & Zoning Enforcement Officer, Town of East Haven
- Stephen J. Viglione, Property Owner

**March 16, 2021**

**Christian P. Harrington**  
12 Gill Street, Suite 5800  
Woburn, MA 01801  
Tel (781) 970-0054  
Christian.Harrington@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:** East Haven South  
**BU Number:** 842862

**Engineering Firm Designation:** **MasTec Network Solutions**  
**Project Number:** 18527-PEL1

**Site Data:** **259 Commerce Street, East Haven, New Haven County, CT 06512**  
**Latitude: 41° 15' 22.88" Longitude: -72° 52' 32.80"**

Dear Mr. Harrington,

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:

- Mount Analysis Number 18527-MNT3 by MasTec Network Solutions, dated 5/13/2019
- Construction As-Built Drawings Number 842862 by Crown Castle, dated 8/15/2019

Upon review, it was deemed that the installation of the line and antenna telecommunication 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:

Elisa Mathon, EI  
Structural Engineer II



Reviewed By:

Raphael I. Mohamed, PE, PEng  
Senior Director of Engineering

**Raphael Mohamed**

Digitally signed by Raphael Mohamed  
DN: CN=Raphael Mohamed,  
OU=A01410C0000017063447410000032D6,  
O=Mastec Network Solutions, C=US  
Date: 2021.03.16 15:46:05-04'00'





# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

APP 494420

September 16, 2019

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

RE: **EM-T-MOBILE-139-190829** - T-Mobile notice of intent to modify an existing telecommunications facility located at 2715 Mountain Road, Suffield, 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, antenna mount modifications shall be installed in accordance with the Mount Analysis Report prepared by B+T Group, dated July 28, 2019 and stamped and signed by Scott Vance;
2. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with 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 August 28, 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/MP/lm

- c: The Honorable Melissa Mack, First Selectman, Town of Suffield  
William Hawkins, AICP, Director of Planning and Development, Town of Suffield

March 17, 2021

Christian Harrington  
Crown Castle  
2000 Corporate Drive  
Canonsburg, PA 15317  
(724) 416-2000



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

**Subject:** Post Modification Inspection Report

**Carrier Designation:** T-Mobile Equipment Change-Out  
**Carrier Site Number:** CT11545A  
**Carrier Site Name:** CT545/Crown Suffield

**Crown Castle Designation:** **Crown Castle BU Number:** 801485  
**Crown Castle Site Name:** CT Suffield 1 CAC 801485  
**Crown Castle JDE Job Number:** 576458  
**Crown Castle Order Number:** 494420, Rev.0

**Engineering Firm Designation:** B+T Group Report Designation: 84855.015.01\_REV

**Site Data:** 2715 Mountain Rd, Suffield, CT 06093, Hartford County  
Latitude 42° 0' 41.80" Longitude -72° 43' 43.60"

**Structure Information:** **Tower Height & Type:** 190.5 ft. Monopole  
**Mount Elevation:** 180 ft.  
**Mount Type:** 13 ft. T-Arm Mount

Dear Christian Harrington,

B+T Group is pleased to submit this “**Post Modification Inspection Report**” (PMI Report) to Crown Castle for the mount modification at the above-mentioned site. The purpose of this PMI Report is to confirm that the mount modification and workmanship are in accordance with the contract document(s) listed in Table 1. The PMI Report is not a review of the adequacy or effectiveness of the modification/reinforcement solution.

**Table 1 – Documents**

Document	Remarks	Source
Mount Modification Report by B+T Group	Job #: 84855.013.01 Dated: 07/28/2019	On File
Mount Analysis by B+T Group	Job #: 84855.010.01 Dated: 07/11/2019	
Site Visit Photos	Dated: 01/04/2021	--

**Based on our inspection, B+T Group determines this project:**

**PASSING PMI**

The configuration, materials and/or workmanship of the modifications are installed in accordance with the Contract Documents and no deficiencies were found.

**PASS AS NOTED PMI**

The configuration, materials and/or workmanship of the modifications are accepted as noted. (See detail below).

**FAILED PMI**

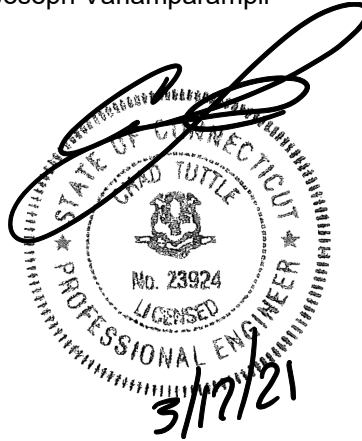
The configuration, materials and/or workmanship of the modifications are NOT installed in accordance with the Contract Documents (Ref. POST MODIFICATION PHOTOGRAPHS).

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.

Post Modification Inspection Report prepared by: Joseph Variamparampil

Respectfully submitted by: B&T Engineering, Inc.  
COA: PEC.0001564 Expires: 2/10/2022

Chad E. Tuttle, P.E.





# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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APP 479795

August 5, 2019

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

RE: **EM-T-MOBILE-014-190717** – T-Mobile notice of intent to modify an existing telecommunications facility located at 10 Sylvia Street, Branford, 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 B+T Group, dated May 9, 2019 and stamped and signed by Scott S. Vance;
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 16, 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 James B. Cosgrove, First Selectman, Town of Branford  
Harry Smith, Town Planner, Town of Branford  
322 East Main Street, LLC, Property Owner





Date: March 24, 2021

Christian Harrington  
Crown Castle  
2000 Corporate Drive  
Canonsburg, PA 15317  
(724) 416-2000

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

**Subject:** **Post Modification Inspection Report**

**Carrier Designation:** **T-Mobile Equipment Change-Out**  
**Carrier Site Number:** CT11025B  
**Carrier Site Name:** Brandford/I-95/X55/Dtn1

**Crown Castle Designation:** **Crown Castle BU Number:** 822765  
**Crown Castle Site Name:** Branford/ I-95/ X55/ Dtn1  
**Crown Castle JDE Job Number:** 559227  
**Crown Castle Order Number:** 479795, Rev.0

**Engineering Firm Designation:** **B+T Group Report Designation:** 101126.006.01

**Site Data:** **10 Sylvia St., Branford, CT, New Haven, 06405**  
**Latitude 41° 17' 38.16" Longitude -72° 47' 8.54"**

**Structure Information:** **Tower Height & Type:** **125 ft. Monopole**  
**Mount Elevation:** **122 ft.**  
**Mount Type:** **17 ft. Platform Mount**

Dear Christian Harrington,

B+T Group is pleased to submit this “**Post Modification Inspection Report**” (PMI Report) to Crown Castle for the mount modification at the above-mentioned site. The purpose of this PMI Report is to confirm that the mount modification and workmanship are in accordance with the contract document(s) listed in Table 1. The PMI Report is not a review of the adequacy or effectiveness of the modification/reinforcement solution.

**Table 1 - Documents Provided**

Document	Remarks	Reference	Source
CCI Order	Existing Loading Proposed Loading	Date: 04/30/2019	Crown Castle
Mount Analysis Report	B+ T Group	Date: 05/09/2019	On File
4511902_1610659988018_Redlined CD's CT11025B_BU822765_BRANFORD_I- 95_X5_5_DTN1_T-Mobile	Existing Loading Proposed Loading	Date: 01/14/2021	Crown Castle

**Based on our inspection, B+T Group determines this project:**

**X PASSING PMI**

The configuration, materials and/or workmanship of the modifications are installed in accordance with the Contract Documents and no deficiencies were found.

— **PASS AS NOTED PMI**

The configuration, materials and/or workmanship of the modifications are accepted as noted.  
(See detail below).

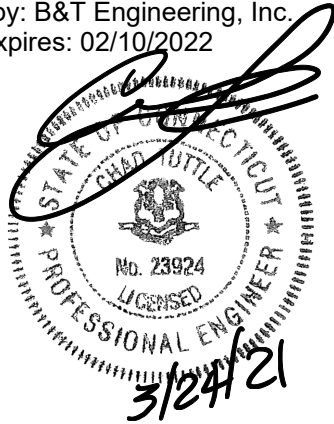
— **FAILED PMI**

The configuration, materials and/or workmanship of the modifications are NOT installed in accordance with the Contract Documents (Ref. POST MODIFICATION PHOTOGRAPHS).

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.

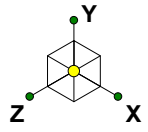
Post Modification Inspection report prepared by: Suman Rana, E.I.T.

Respectfully submitted by: B&T Engineering, Inc.  
COA: PEC.0001564 Expires: 02/10/2022



Chad E Tuttle, P.E.

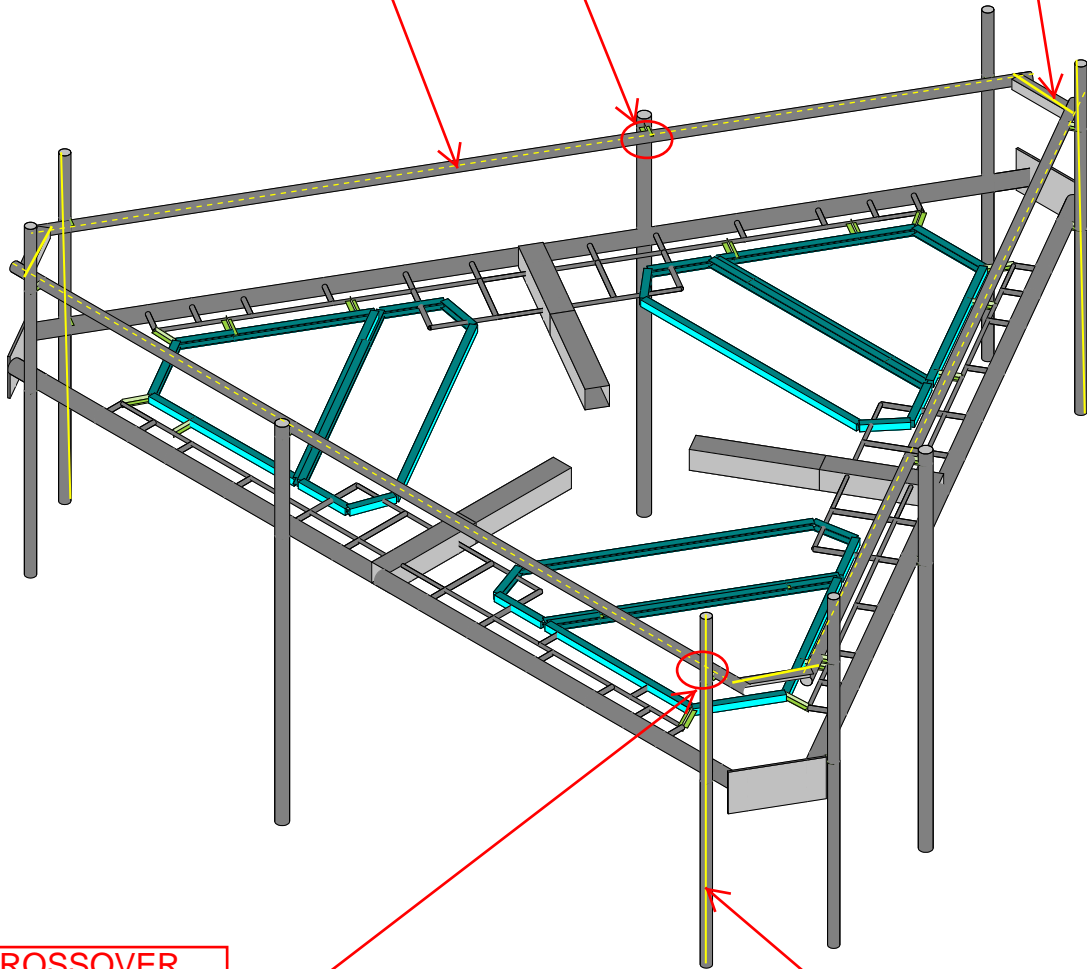
## **MOUNT MODIFICATION DRAWINGS**



NEW 2" STD PIPE x 17'-0"  
LONG  
TYP. 3 PLACES

NEW CROSSOVER  
PLATE KIT  
(SITEPRO #SCX2-K)  
TYP.3 PLACES

NEW HANDRAIL  
CORNER KIT,  
SITEPRO #AHCP




NEW CROSSOVER  
PLATE KIT  
(SITEPRO #SCX1-K)  
TYP.6 PLACES

REPLACE EXISTING AT POS. 1 IN  
ALL SECTORS WITH  
NEW 2" X-STRONG PIPE (2.38" x  
0.218" thick) x 7'-0" LONG  
TYP. 3 PLACES

Envelope Only Solution

B+T Group	822765 - Branford/ I-95/ X55/ Dtn1	SK - 1
AS		May 9, 2019 at 5:15 PM
101126.003.01		101126_003_01_Branford I-95 X5...

## **POST MODIFICATION PHOTOGRAPHS**

Photo	Remarks
 <p>1/12/21, 9:14 AM 41° 17' 38" N, 72° 47' 8" W 10 Sylvania St Branford CT 06405 United States</p>	<p><b>The modification has been completed per the mount analysis report and revised construction drawing</b></p>





# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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APP 479837

September 30, 2019

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

RE: **EM-T-MOBILE-030-190829** - T-Mobile notice of intent to modify an existing telecommunications facility located at 14 Thompson Hill Road, Columbia, 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, prepared by Paul J. Ford and Company, dated June 19, 2019 and stamped and signed by Justin T. Kline;
2. Within 45 days following the completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the Mount 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.

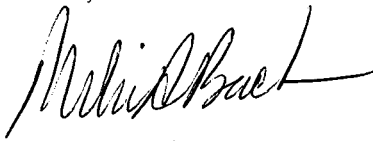
The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated August 28, 2019 and additional information received on September 11, 2019. The modifications are in compliance with the 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/MP/lm

c: The Honorable Steven M. Everett, First Selectman, Town of Columbia  
Mark Walter, Town Administrator, Town of Columbia  
Paula Stahl, Town Planner, Town of Columbia  
Joshua & Eileen Lanati, property owners





# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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APP 479851

August 26, 2019

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

RE: **EM-T-MOBILE-014B-190801** – T-Mobile notice of intent to modify an existing telecommunications facility located at 850 West Main Street, Branford, 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 Engineered Tower Solutions, PLLC, dated April 29, 2019 and stamped and signed by Frederic G Bost;
2. Within 45 days following the completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with 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 31, 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

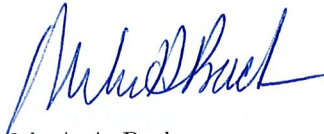




boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully 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 James B. Cosgrove, First Selectman, Town of Branford  
Harry Smith, Town Planner, Town of Branford  
SBC Real Estate Group, Property Owner



Engineered Tower Solutions, PLLC  
3227 Wellington Court  
Raleigh, NC 27615  
(919) 782-2710  
[Doug.Kosiba@ets-pllc.com](mailto:Doug.Kosiba@ets-pllc.com)

Date: **March 25, 2021**

Christian Harrington  
Crown Castle  
12 Gill Street, Suite 5800  
Woburn, MA 01801  
(781) 970-0054

**Subject:** Construction Close Out Letter

**Carrier Designation:** T-Mobile Equipment Change Out  
**Carrier Site Number:** CTNH101A  
**Carrier Site Name:** NH101/GlobalSignal/Bran

**Crown Castle Designation:** Crown Castle BU Number: 876322  
**Crown Castle Site Name:** TARTAGLIA PROPERTY  
**Crown Castle JDE Job Number:** 559324  
**Crown Castle Order Number:** 479851 Rev. 1

**Engineering Firm Designation:** ETS, PLLC Report Designation: 21088917.STR.6611

**Site Data:** 850 West Main Street, Branford,, New Haven County, CT 06405  
Latitude 41° 16' 40.19" Longitude -72° 50' 12.70"

**Structure Information:** Tower Height & Type: 130.0 ft Monopole  
Mount Elevation: 128.0 ft  
Mount Type: 12.5 ft Platform Mount

Dear Christian Harrington,

ETS, PLLC is pleased to submit this “**Construction Close Out Letter**” in order to verify that the mount modifications per ETS, PLLC Mount Analysis dated 04/29/2019 were installed correctly.

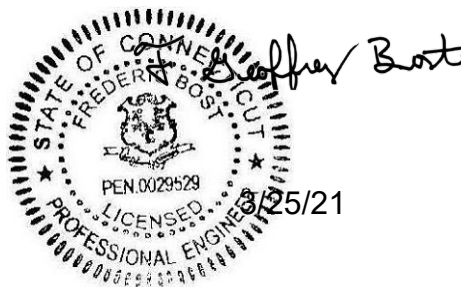
Upon review, it was deemed that the installation of the mount modifications was satisfactorily installed and PASSED in terms of the original design intent of the analysis prepared for this site.

This Close Out Letter is consistent with the guidelines as stated in the 2018 Connecticut State Building Code and ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas.

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

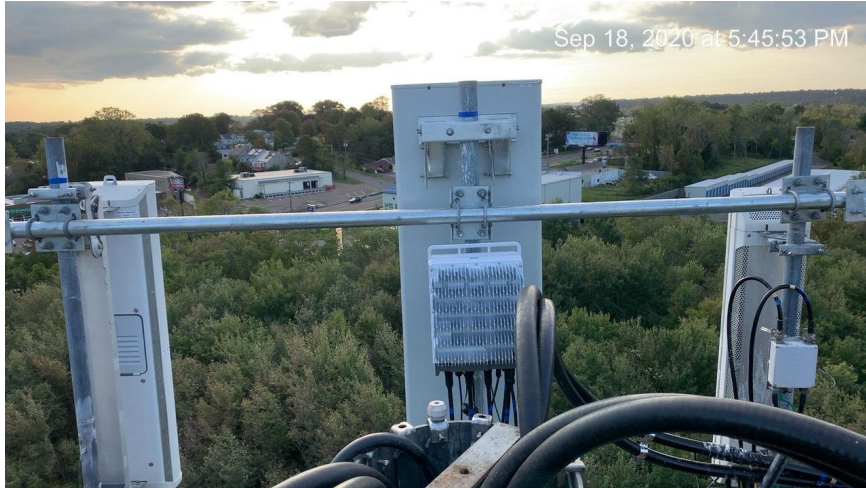
Respectfully Submitted by:

Frederic Geoffrey Bost, PE  
President/Owner  
(919) 782-2710  
[Geoff.Bost@ets-pllc.com](mailto:Geoff.Bost@ets-pllc.com)





**APPENDIX 1**  
**CLOSE OUT PHOTOS**







# 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)

APP 479843

August 19, 2019

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

RE: **EM-T-MOBILE-035-190731** - T-Mobile notice of intent to modify an existing telecommunications facility located at 126 Ledge Road, Darien, 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 Kimley Horn, dated May 20, 2019 and stamped and signed by Steven C. Ball;
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 30, 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 Jayme J. Stevenson, First Selectman, Town of Darien
- Kathleen Clarke Buch, Town Administrator, Town of Darien
- Jeremy Ginsberg, Planning & Zoning Director, Town of Darien

# Final Report of Special Inspections

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Project: *CT11851C / 806352: T-Mobile Technology Upgrade*

Location: *126 Ledge Rd., Darien, CT 06820*

Owner: *Crown Castle (Tower Asset Owner)*

Owner's Address: *2000 Corporate Drive  
Canonsburg, PA 15317*

Engineer of Record: *Kimley-Horn and Associates, Inc. (COA#: PEC.0000738) – Civil Design Plans*

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

*Comments: The scope of this project consisted of the removal and replacement of T-Mobile owned antennas at 110' on the existing tower structure in addition to the removal and replacement of equipment within existing ground based cabinet facilities.*

*Upon reviewing construction drawings by Kimley-Horn and Associates, Inc. with the installed final configuration of all antennas and equipment it is our opinion that all proposed construction activities have been installed in accordance with plans. Due to the limited scope of work, only a post installation review was performed.*

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,  
Special Inspector

*Brian Brewer*

(Type or print name)

*Brian Brewer*

Signature

11/10/2020

Date





# 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)

APP 479810

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-130-190722** – T-Mobile notice of intent to modify an existing telecommunications facility located at 214 Russian Village Road, Southbury, 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 Modification Analysis prepared by Mastec Network Solutions, dated May 30, 2019 and stamped and signed by Raphael Mohamed;
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 Modification 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 July 19, 2019, and additional information received July 24, 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 Jeff Manville, First Selectman, Town of Southbury
- Chris McGinness, Zoning Enforcement Officer, Town of Southbury
- Thomas & Mieke Crider, Property Owner

March 16, 2021

**Christian P. Harrington**  
12 Gill Street, Suite 5800  
Woburn, MA 01801  
Tel (781) 970-0054  
Christian.Harrington@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:** AT&T  
**Site Name:** Horse Hill  
**BU Number:** 876314

**Engineering Firm Designation:** **MasTec Network Solutions**  
**Project Number:** 18543-PEL1

**Site Data:** **214 Russian Village Road, Southbury, New Haven County, CT 06488**  
**Latitude 41° 27' 7.97", Longitude -73° 15' 1.25"**

Dear Mr. Harrington,

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: 6/24/2020
- Mount Modification Drawings Number 18543-MOD1 by MasTec Network Solutions, dated 5/31/2019
- Construction As-Built Drawings Number 136923.001.01 by B+T GRP, dated 7/18/2019

Upon review, it was deemed that the installation of the line and antenna telecommunication 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:

Elisa Mathon, EI  
Structural Engineer II



Reviewed By:

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

Raphael Mohamed

Digitally signed by Raphael Mohamed  
DN: CN=Raphael Mohamed,  
OU=A01410C0000017063447410000032D6,  
O=Mastec Network Solutions, C=US  
Date: 2021.03.16 15:30:36-04'00'