



# 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)

February 25, 2016

Sam Simons  
Engineering Development - Connecticut  
T-Mobile  
35 Griffin Road South  
Bloomfield, CT 06002

RE: **EM-T-Mobile-076-140508: 135 New Road, Madison**  
**EM-T-Mobile-105-140409: 8 Old Bridge Road, Old Lyme**  
**EM-T-Mobile-118-140529: 76 East Ridge Road, Ridgefield**  
**EM-T-Mobile-097-140514: 6 Fairfield Drive, Newtown**  
**EM-T-Mobile-012-141010: 130 Vernon Road, Bolton**

Dear Mr. Simons:

The Connecticut Siting Council (Council) is in receipt of your letters dated February 24, 2016, submitted on behalf of T-Mobile, requesting an extension of time to submit notices of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications.

The Council hereby grants a six-month extension of time until August 25, 2016 to submit notices of completion of construction and associated post modification inspection reports for the above-referenced exempt modifications.

This extension is granted with the understanding that the Council will be notified should T-Mobile need additional time to submit notices of completion and associated post modification inspection reports or decides not to proceed with construction.

Thank you for your attention to this matter.

Sincerely,

Melanie A. Bachman  
Acting Executive Director

MAB/cm



*T-Mobile USA  
35 Griffin Road South  
Bloomfield, CT 06002*

February 24, 2016

Attorney Melanie Bachman  
Acting Executive Director  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06501

Dear Attorney Bachman,

The following T-Mobile exempt modification, EM-T-MOBILE-097-140514, 6 Fairfield Drive Newton CT was recently closed out in error.

We would like to revoke the previous close out letter dated February 16, 2016 submitted by Northeast Site Solutions. Please see attached.

As such, we would like to request an extension of the original approval for this exempt modification originally dated.

Please contact Denise Sabo at (860)209-4690 with any questions or concerns.

Sincerely,

*Sam Simons*

Samuel Simons, Development Manager

cc: Mark Richard, Site Development Manager

**-T-Mobile-**

Please Reply To:  
Sam Simons  
35 Griffin Road South  
Bloomfield, CT 06002  
203-482-5156  
Sam.Simons@T-  
Mobile.com

February 16, 2016

Attorney Melanie Bachman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06501

**EM-T-MOBILE-097-140514**  
T-Mobile Site ID CT11105F  
6 Fairfield Drive, Newton CT  
Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

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:

- The coax shall be installed in accordance with the recommendations made in the Structural Analysis report prepared by ATC and stamped by William Garrett on March 1, 2014;
- Not more than 45 days following completion of the antenna installation, T-Mobile shall provide documentation certifying that its installation complied with the engineer's recommendation;
- Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- 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;
- The validity of this action shall expire one year from the date of this letter; and
- 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 attached PE Closeout Letter dated February 11, 2016 provides evidence of compliance with the conditions outlined by the Council.

In addition, T-Mobile hereby notifies the Council that construction of the acknowledged modifications were complete as of March 31, 2015.

Sincerely,

*Sam Simons*

Samuel Simons, T-Mobile



Date: February 11, 2016

Sam Simons  
Engineering Development - Connecticut  
T-Mobile  
35 Griffin Road South  
Bloomfield, CT 06002

Paul J Ford and Company  
250 E. Broad St., Suite 600  
Columbus, OH 43215  
614-221-6679

**Subject: Post Construction Review**

**Carrier Designation:** *T-Mobile Co-Locate*  
**Carrier Site Number:** CT11105F  
**Siting Council ID:** EM-T-MOBILE-097-140514

**Engineering Firm Designation:** **Paul J Ford and Company Project Number:** 79916-0026.001.8100

**Site Data:** **6 Fairfield Drive, Newton, CT**  
**152-Ft Monopole**

Dear Sam Simons,

*Paul J. Ford and Company* has completed a post-construction review per the requirements of the Connecticut Siting Council. The purpose of the letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The review is consistent with the guidelines as stated in the 2005 Connecticut Building Code and the TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph, 74 mph with 1/2 inch ice thickness and 50 mph under service loads.

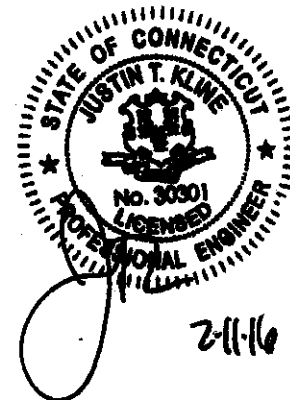
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower Corporation [engineering number 58043821 dated April 15, 2014] we have determined that loading is similar and should not change the analysis concluded by others.

Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

We at *Paul J. Ford and Company* appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:

Kurt J. Swarts, P.E.  
Project Manager



**Table 1 - Proposed Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
152.0	163.0	3	ericsson	KRY 112 144/1	8	1-5/8	1
		3	ericsson	AIR 21, 1.3M, B2A B4P	1	1-5/8	

**Notes:**

- 1) Verified antenna/coax installation heights and quantities

**Table 2 - Existing Antenna and Cable Information**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
152.0	162.0	3	-	-	4	1-5/8	1
		1	-	Flush Mount			
150.0	149.0	6	powerwave	LGP21901	12	1-5/8 0.74 0.28	1
		1	raycap	DC6-48-60-18-8F			
		6	powerwave	LGP21401			
		6	ericsson	RRUS 11 (Band 12)			
		6	powerwave	7770.0			
	152.0	1	powerwave	P65-16-XLHH-RR	1	7/8	
	150.0	1	-	Low Profile Platform	-	-	
140.0	142.0	6	rfs	FD9R6004/1C-3L	12	1-5/8	1
		3	rymsa	MGD3-800T0	12	1-5/8	
		6	andrew	DB846H80-E-SX			
		3	powerwave	P65-16-XL-2			
	140.0	1	-	Low Profile Platform	-	-	
134.0	134.0	6	kathrein	860-10025	12	1-5/8	1
		3	kathrein	800 10504			
		3	kathrein	742 351			
		1	-	Low Profile Platform			
30.0	30.0	1	-	2" x 4" GPS	1	1/2	1

**Notes:**

- 1) Existing Equipment