

·T· ·Mobile·

Please Reply To:
Sam Simons
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December 31, 2015

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

EM-T-MOBILE-045-140908
T-Mobile Site ID CTNL010A
2 Scott Road, East Lyme CT
Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on September 29, 2014. The Council imposed the following condition in its acknowledgment:

- Install coax in accordance with the structural analysis report prepared by ATC dated May 6, 2014, stamped by William Garrett on August 27, 2014;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the Structural Analysis Report;
- 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 Northeast LLC 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 December 29, 2015, 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 February 13, 2015.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile



Date: December 29, 2015

Mark Appleby
Northeast Site Solutions
T-Mobile
199 Brickyard Rd
Farmington, CT 06032

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

Subject: Structural Opinion Letter

Carrier Designation: T-Mobile Co-Locate
Carrier Site Number: CTNL010A
Siting Council ID: EM-T-Mobile-045-140908

Engineering Firm Designation: Paul J Ford and Company Project Number: 79915-0042.001.7100

Site Data: 17 Grammer Ave, East Lyme, New London County, CT 06333-1129
Latitude 41.367028, Longitude -72.242400
150 Foot – Monopole Tower

Dear Mark Appleby,

Paul J. Ford and Company is pleased to submit this “**Structural Opinion Letter**” for the structural integrity of the aforementioned tower. The purpose of the opinion letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The opinion is consistent with the guidelines as stated in 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment and the TIA-222-G Standards for Steel Antenna Towers and Antenna Supporting Structures using a 3-second gust wind speed of 115 mph with no ice and 50 mph with 0.75 inch ice thickness.

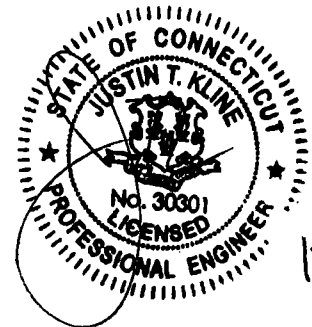
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower (job number 58044521, dated May 6, 2014) we have determined that loading is similar and should not change the opinions concluded by others.

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:

Joshua Johnson KJS
Structural Designer



12-29-15

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
142.0	142.0	3	ericsson	KRY 112 144/1	1	1-5/8	1
		3	ericsson	AIR 21, 1.3M, B2A B4P			
		3	ericsson	AIR 21, 1.3M, B4A B2P			
		1	-	Sector Frame			

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	
150.0	154.0	1	-	8' Omni	1	7/8	1	
	153.0	1	-	3' Yagi	1	1-5/8		
	152.0	152.0	6	powerwave	LGP13519	13		1-1/4 0.78 1-5/8 2" Conduit 0.39
			6	cci	DTMABP7819VG12A			
			1	raycap	DC6-48-60-18-8F			
			6	ericsson	RRUS-11 800 MHz			
			4	powerwave	7770.00			
			2	KMW	AM-X-CD-17-65-00T-RET			
	4	powerwave	P65-17-XLH-RR					
	150.	1	-	Platform w/ Handrails	1			
142.0	142.0	6	remec	S20057A1	1	3/16	2	
		-	-	-	12	1-5/8	1	
131.0	131.0	6	kathrein	RCU	12	1-5/8 3/8	1	
		6	kathrein	800 10504				
		3	-	T-Arms				
40.0	40.0	1	-	Channel Master Type 120	1	0.28	1	
		1	-	Pipe Mount				

Notes:

- 1) Existing Equipment
- 2) Equipment To Be Removed