

•T•••Mobile•

Please Reply To:
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August 5, 2015

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

EM-TMOBILE-102-140508
T-Mobile Site ID CT11266A
118 Wintechog Hill Road, North Stonington CT
Notice of 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 June 18, 2014. The Council imposed the following condition in its acknowledgment:

- Install the coax in accordance with the structural analysis report prepared by ATC, stamped by William Garrett, May 7, 2014;
- Install the coax in accordance with the structural analysis report prepared by ATC, stamped by William Garrett, May 1, 2014;
- Within 45 days following completion of the antenna installation, T-Mobile shall provide documentation certified by a professional engineer that its installation complied with the requirements of the structural analysis;
- 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 July 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 June 30, 2015.

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

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile

Date: **July 30, 2015**

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: Structural Opinion Letter

Carrier Designation: T-Mobile Co-Locate
Carrier Site Number: EM-T-MOBILE-102-140508
Carrier Site Name: CT11266A

Engineering Firm Designation: Paul J Ford and Company Project Number: 79915-0017.001.8100

Site Data: 118C Wintechog Hill Rd., off of Rt. 2, N. Stonington, CT 06359
Latitude 41° 27' 35.4", Longitude -71° 55' 38.4"
250 Foot – Self-Supported Tower

Dear Sam Simons,

Paul J. Ford and Company is pleased to submit this “**Structural Opinion Letter**” for the structural integrity of the aforementioned self-supported tower. The purpose of the opinion letter is to determine the suitability of the self-supported tower with the proposed and existing loading as specified in Tables 1 & 2 on the next two pages. The opinion 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 with no ice, 74 mph with 1/2 inch ice thickness and 50 mph under service loads.

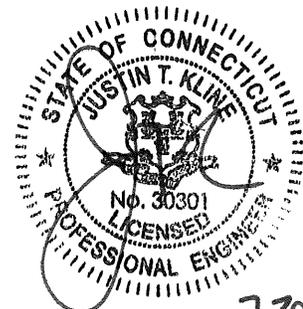
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower Corporation (job number 58044121, dated April 28, 2014) we have determined that loading is similar and should not change the opinions concluded by others.

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:



Corey McCartney, EI
Structural Designer



7-30-15

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
225.0	225.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	13	1-5/8	1
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe			
		3	ericsson	KRY 112 144/1			

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
250.0	250.0	9	decibel	DB980H90E-KL	22 1	1-5/8 1/2	1
		2	decibel	DB806-A			
		1	tower mounts	Sector Mount			
232.0	238.5	1	miscellaneous	15' FM Antenna	1	1-5/8	1
	232.0	1	tower mounts	Leg Mount			
225.0	225.0	1	tower mounts	Sector Mount	-	-	1
210.0	210.0	12	andrew	SMR08-09012-0D	12	1-5/8	1
		1	tower mounts	Sector Mount			
192.0	193.0	1	scala	OGB6-928D	3	1/2	1
	192.0	1	tower mounts	Side Arm Mount	1	7/8	
169.0	175.0	1	raycap	DC6-48-60-18-8F	12 2 1	1-5/8 19.7mm 10mm	1
		1	andrew	SBNH-1D6565C			
		1	powerwave	P65-17-XLH-RR			
		1	kmw	AM-X-CD-14-65-00T-RET			
		6	ericsson	RRUS-11 1900MHz			
		6	allgon	7770.00			
		6	powerwave	LGP21903			
	6	powerwave	LGP17201				
162.0	162.0	1	scala	PR-850	1	1/2	1
		1	tower mounts	Leg Mount			
155.0	155.0	6	kathrein	800 10504	12 6	1-5/8 3/8	1
		6	kathrein	860 10025			
		1	tower mounts	Sector Mount			
123.0	123.0	1	miscellaneous	8' Omni	1	7/8	1
		1	tower mounts	Side Arm Mount	1	0.28	
82.0	82.0	1	miscellaneous	4' Dish w/Radome	1	1/2	1
		1	tower mounts	Leg Mount	1	EW52	
75.0	75.0	1	miscellaneous	2' x 4' Grid Dish	1	7/8	1
		1	tower mounts	Leg Mount			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
61.0	61.0	1	miscellaneous	4' Dish	-	-	1
		1	tower mounts	Leg Mount			

Notes:

- 1) Existing Equipment