

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

July 27, 2015

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

EM-T-MOBILE-107-140102
T-Mobile Site ID CT11084B
800 Ogg Meadow Rd., Orange 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 January 21, 2014. The Council imposed the following condition in its acknowledgment:

- The coax and TMAs must be installed in accordance with the Structural Analysis Report prepared by Paul J. Ford and Company, dated October 30, 2013
- 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;
- 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 27, 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 November 19, 2014.

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

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile

Date: July 27, 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-107-140102
Carrier Site Name: CT11084B

Engineering Firm Designation: Paul J Ford and Company Project Number: 79915-0004.001.7100

Site Data: Ogg Meadow Rd., Orange, CT 06098
Latitude 41° 18' 28.4", Longitude -73° 1' 56.2"
161 Foot – Monopole Tower

Dear Sam Simons,

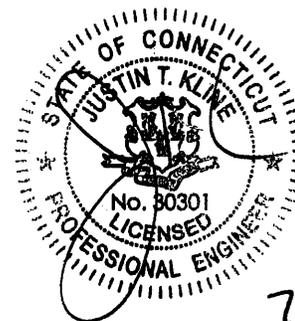
Paul J. Ford and Company is pleased to submit this "Structural Opinion Letter" for the structural integrity of the aforementioned monopole tower. The purpose of the opinion letter is to determine the suitability of the monopole tower with the proposed, existing, and reserved loading as specified in Tables 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, 37.6 mph with 0.75 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 Paul J. Ford and Company (job number 37513-2007 R2, dated October 30, 2013) we have determined that the monopole's tower and foundation ARE sufficient.

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.



7-27-15

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
127.0	129.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	1	1-5/8	1
		3	ericsson	KRY 112 144/1			

Notes:
 1) Verified antenna/coax installation heights and quantities

Table 2 - Existing and Reserved 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
158.0	162.0	3	antel	BXA-70040/6CF w/ Mount Pipe	-	-	2
		2	antel	LPA-80063/4CF w/ Mount Pipe	12 1	1-5/8 1/2	1
		2	antel	LPA-80063/6CF w/ Mount Pipe			
		2	antel	BXA-171063-12BF w/ Mount Pipe			
		1	antel	BXA-171063-8BF-2 w/ Mount Pipe			
		1	gps	GPS_A			
	2	swedcom	SC-E 6014 rev2 w/ Mount Pipe				
	158.0	6	rfs celwave	FD9R6004/2C-3L			
		1	tower mounts	Platform Mount [LP 713-1]			
156.0	170.0	3	ems wireless	RR90-17-00DP w/ Mount Pipe	6	1-5/8	1
		4	nokia	CS72993.07			
	156.0	1	tower mounts	Pipe Mount [PM 601-3]			
147.0	152.0	6	ericsson	RRUS-11	12 2 1	1-1/4 3/8 5/8	1
		3	kathrein	800 10121 w/ Mount Pipe			
		6	powerwave	P65-16-XLH-RR w/ Mount Pipe			
		6	powerwave	TTAW-07BP111-001			
		1	raycap	DC6-48-60-18-8F			
	147.0	1	tower mounts	Platform Mount [LP 713-1]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note		
138.0	138.0	1	tower mounts	Side Arm Mount [SO 102-3]	3	1-1/4	2		
		3	alcatel lucent	1900MHz RRH (65MHz)					
		3	alcatel lucent	800MHZ RRH					
137.0	137.0	3	alcatel lucent	800 EXTERNAL NOTCH FILTER	6	1-5/8 1/2	1		
		9	rfs celwave	ACU-A20-N					
		3	rfs celwave	APXVSP18-C-A20 w/ Mount Pipe					
	140.0	140.0	1	tower mounts	Platform Mount [LP 713-1]	1	1-5/8 1/2	1	
			1	andrew	VHLP2-11				
			2	decibel	DB950F85E-M w/ Mount Pipe				
127.0	127.0	4	decibel	DB980H90E-M w/ Mount Pipe	12	1-5/8	4		
		1	dragonwave	Horizon DUO					
	6	ems wireless	RR90-17-02DP w/ Mount Pipe	-				-	3
	1	tower mounts	Platform Mount [LP 713-1]	-				-	1
107.0	110.0	12	decibel	DB844H90-XY w/ Mount Pipe	3	5/8 1/2	1		
		1	andrew	PX2F-52					
		1	andrew	VHLP2-11					
		3	argus technologies	LLPX310R w/ Mount Pipe					
		2	dragonwave	HORIZON COMPACT					
	3	samsung	WIMAX DAP HEAD						
107.0	107.0	1	tower mounts	Side Arm Mount [SO 101-3]					
100.0	100.0	3	rfs celwave	APXV18-206517S-C w/ Mount Pipe	6	1-5/8	1		
		1	tower mounts	Pipe Mount [PM 601-3]					
80.0	81.0	1	kathrein	OG-860/1920/GPS-A	1	1/2	1		
	80.0	2	tower mounts	Side Arm Mount [SO 701-1]					

- Notes:
- 1) Existing Equipment
 - 2) Reserved Equipment
 - 3) Equipment To Be Removed
 - 4) Verified antenna/coax installation heights and quantities