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Please Reply To:  
Sam Simons  
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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-011-140408  
T-Mobile Site ID CT11278A  
28 Brewer Street, Bloomfield 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 May 2, 2014. The Council imposed the following condition in its acknowledgment:

- Modify tower in accordance With the structural analysis report prepared by Paul J. Ford and Company, stamped by Kevin Bauman on March 19, 2014;
- Within 45 days following completion of the antenna installation -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 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 October 3, 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 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-011-140408  
**Carrier Site Name:** CT11278A

**Engineering Firm Designation:** Paul J Ford and Company Project Number: 79915-0008.001.7101

**Site Data:** 28 Brewer Dr., BLOOMFIELD, Hartford County, CT  
Latitude 41° 50' 6.57", Longitude -72° 44' 28.2"  
120 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, 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 80 mph with no ice, 37.6 mph with 1 inch ice thickness and 50 mph under service loads.

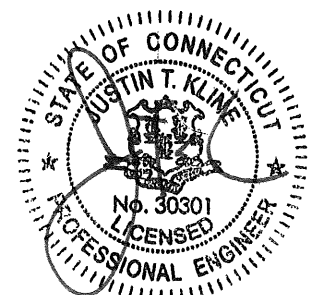
Based on a comparison of the previous analysis loads (including wind speeds) from the Paul J. Ford and Company job number 37513-2485 BP A, dated March 18, 2014, we have determined the monopole tower and foundation ARE sufficient for the verified proposed loading installation.

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



**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
107.0	108.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	1	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 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
118.0	120.0	3	alcatel lucent	TD-RRH8x20-25	1	5/8	2
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe			
		3	kathrein	840 10054 w/ Mount Pipe			
		1	rfs celwave	APXV9ERR18-C-A20 w/ Mount Pipe			
		2	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe			
	3	samsung telecom	WIMAX DAP HEAD	3	1-1/4	1	
	118.0	1	tower mounts	Platform Mount [LP 501-1]	6		5/16
	116.0	1		A-ANT-18G-1-C	2		1/2
		1		A-ANT-18G-2-C			
		2	dragonwave	HORIZON COMPACT			
3		rfs celwave	IBC1900BB-1				
3	rfs celwave	IBC1900HG-2A					
114.0	115.0	3	alcatel lucent	PCS 1900MHz 4x45W-65MHz	-	-	1
	114.0	1	tower mounts	Pipe Mount [PM 601-3]			2
	113.0	3	alcatel lucent	800MHz 2X50W RRH W/FILTER			1
107.0	108.0	3	andrew	ONEBASE TWIN DUAL DUPLEX TMA	-	-	3
		3	ems wireless	DR65-18-02DPL2Q w/ Mount Pipe			
		3	rfs celwave	APX16DWV-16DWV-S-E-ACU w/ Mount Pipe			
	107.0	1	tower mounts	Platform Mount [LP 712-1]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note	
99.0	100.0	2	kmw com	AM-X-CD-14-65-00T-RET w/ Mount Pipe	12 1 2	7/8 3/8 3/4	1	
		2	kmw com	AM-X-CD-16-65-00T-RET w/ Mount Pipe				
		3	powerwave technologies	7770.00 w/ Mount Pipe				
		2		P65-17-XLH-RR w/ Mount Pipe				
	99.0	99.0	3	comm comp inc.				DTMABP7819VG12A
			6	ericsson				RRUS-11
			6	powerwave technologies				LGP13519
			1	raycap				DC6-48-60-18-8F
59.0	63.0	1	decibel	DB536	1	7/8	1	
	59.0	1	tower mounts	Side Arm Mount [SO 702-1]				
48.0	50.0	1	lucent	KS24019-L112A	2	1/2	1	
		1	unknown	GPS				
	48.0	1	tower mounts	Pipe Mount [PM 601-1]				

Notes:

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