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

September 22, 2015

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

**EM-T-MOBILE-052-140414**  
T-Mobile Site ID CTHA233B  
130 Birdseye Road, Farmington, Connecticut  
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:

- Modify the tower in accordance with the structural analysis report prepared by B+T Group, stamped by Chad Tuttle on March 27, 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;
- 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 September 17, 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 March 10, 2015.

Sincerely,

*Sam Simons*

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile



Date: **September 17, 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:** CTHA233B  
**Siting Council ID:** EM-T-Mobile-052-140414

**Engineering Firm Designation:** Paul J Ford and Company Project Number: 79915-0019.001.7100

**Site Data:** 3 A Birdseye Rd., Farmington, Hartford County, CT  
Latitude 41° 42' 56.94", Longitude -72° 48' 37.42"  
140 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 tower. The purpose of the opinion letter is to determine the suitability of the 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 verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from B+T Group (job number 77969.12.01, dated March 27, 2014) we have determined that loading is similar and should not change the opinions concluded by others.

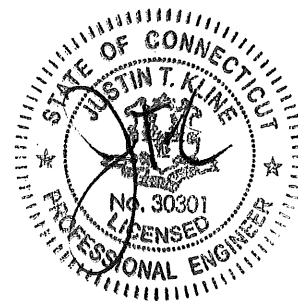
Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

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:

Jared Smith, EI  
Structural Designer

KSS



9/21/15

**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
100.0	100.0	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			
		1	tower mounts	T-Arm Mount			

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
139.0	139.0	3	rfs celwave	APXV9ERR18-C-A20	3	1-1/4	1
		1	tower mounts	Platform Mount			
137.0	140.0	3	alcatel lucent	800MHz 2x50W RRH W/FILTER	-	-	1
	137.0	3	alcatel lucent	PCS 1900MHz 4x45W-65MHz			
		1	tower mounts	Side Arm Mount			
129.0	130.0	6	ericsson	RRUS 11	-	-	1
	129.0	1	tower mounts	Side Arm Mount			
128.0	130.0	3	ericsson	RRUS 11	9 2 1	7/8 3/4 3/8	1
		2	kmw	AM-X-CD-16-65-00T-RET			
		1	andrew	SBNH-1D6565C			
		3	powerwave	7770.00			
		1	raycap	DC6-48-60-18-8F			
	128.0	6	powerwave	LGP21401			
		1	tower mounts	T-Arm Mount			
120.0	120.0	12	swedcom	ALP 9212-N	12	7/8	1
		1	tower mounts	Platform Mount			
110.0	110.0	1	raycap	TME-DB-T16Z-8AB-0Z	-	-	2
		1	tower mounts	Side Arm Mount			
108.0	109.0	3	antel	BXA-171063-12CF-EDIN-2	1	1-5/8	2
		3	antel	BXA-70063-4CF-EDIN-X			
		1	kathrein	800 10735V01			
		3	antel	BXA-185060/8CFX2			
		2	antel	BXA-70063-6CF-EDIN-4			
		6	rfs celwave	FD9R6004/2C-3L			
	108.0	1	tower mounts	Platform Mount	12	1-5/8	1
		3	alcatel lucent	RRH2X40-AWS			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
100.0	100.0	3	Ericsson	KRY 112 144/1	12	7/8	1
		3	Ericsson	KRY 112 89/5			
		3	rfc celwave	APX16DWV-16DWV-S-E-A20	-	-	3
		1	tower mounts	Side Arm Mount			
90.0	90.0	3	kathrein	742 213	6	7/8	1
		1	tower mounts	Pipe Mount			
70.0	72.0	2	alcatel lucent	KS24019-L112A	2	5/16	1
	70.0	2	tower mounts	Side Arm Mount			
49.0	51.0	1	alcatel lucent	KS24019-L112A	1	1/2	1
	49.0	1	tower mounts	Side Arm Mount			

Notes:

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