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Please Reply To:
Sam Simons
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July 13, 2016

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

EM-T-MOBILE-077-150930

T-Mobile Site ID CT11365D
239 East Middle Turnpike, Manchester CT
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:

- Structural modifications shall be made in accordance with the structural analysis report prepared by Hudson Design Group LLC dated August 4, 2015 and stamped by Gi Kai Wang, and consistent with the construction drawings prepared by EBI Consulting dated July 30, 2014;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations 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 11, 2016 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 17, 2016.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile



Date: July 11, 2016

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: Post Construction Review

Carrier Designation: T-Mobile Co-Locate
Carrier Site Number: CT11365D
Siting Council ID: EM-T-Mobile-077-150930

Engineering Firm Designation: Paul J Ford and Company Project Number: 31216-0016.001.7101

Site Data: 239 East Middle Turnpike, Manchester, Hartford County, CT
183 Foot – Monopole Tower

Dear Sam Simons,

Paul J. Ford and Company has completed a post-construction review per the requirements of the Connecticut Siting Council. The purpose of the letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed, and to verify that the proposed tower modifications have been completed. The review 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, 69.3 mph with 0.50 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 Hudson Design Group, LLC [dated September 25, 2015] we have determined that loading is similar and should not change the analysis results.

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

Per the Hudson Design Group analysis report, modifications to the tower were to be completed prior to installation of the antennas. The tower modifications were detailed in drawings prepared by Hudson Design group dated November 10, 2015. Per the "Final Report of Special Inspections" prepared by Hudson Design Group, dated January 1, 2016, the proposed modifications were completed per the approved plans.

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:

Kurt J. Swarts, P.E.
Project Manager

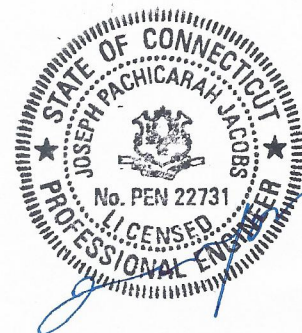


Table 1 – Existing and Proposed Antenna

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Note
163	163	3	ericsson	Air 21 B2A B4P	1
		3	ericsson	Air 21 B4A B2P	
		3	rfs	ATMAP1412D TMA	
		3	commscope	LNx-6515DS-VTM	
		3	ericsson	RRUS 11	
		1	-	Low Profile Platform	

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	Note
184	184	2	-	20-Ft Dipoles	
		1		Low Profile Platform	
153	153	3	rfs celwave	APXVSPP18	
		3	-	RRH-800	
		6	-	RRH-1900	
		3	rfs celwave	APXVTM14-C-120	
		3	kathrein	840 10054	
		3	kathrein	860-10025 RCU	
		1		Panel Antenna	
		1		Low Profile Platform	
151	151	3	-	RRH8X20-25	
		1	-	Ring Mount	
150	150	2	-	2-ft Dishes	
		1	-	1-ft Dish	
143	143	3	kathrein	800-10121	
		2	cci	OPA-65R-LCUU-H6	
		4	cci	OPA-65R-LCUU-H8	
		12	-	RRU	
		3	-	A2 Modules	
		2	-	Surge Arrestors	
		1		Low Profile Platform	
123	129	2	-	20-ft Omni Antennas	
	126	1	-	20-ft Dipole	
	126	2	-	3-ft Yagi	
	123	1	-	Low Profile Platform	

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Note
110	110	6	andrew	LNX 6514DS-VTM	
		6	andrew	HBX 6517DS-VTM	
		3	alu	RRH 2x40-AWS	
		3	alu	RRH 2x40-07U	
		3	alu	RRH 2x40-PCS	
		2	-	DB-T1-6Z-8AB-0Z	
		1	-	Low Profile Platform	
54	54	1	-	GPS	
38.9	38.9	4	andrew	VHLPX2-18	