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

July 12, 2016

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

EM-T-MOBILE-014-151231

T-Mobile Site ID CTNH101A 850 West Main Street, Branford CT <u>Notice of Compliance with Conditions and Construction Completion</u>

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:

- Reinforcements shall be made in accordance and consistent with the structural analysis report and modification drawings prepared by Paul J- Ford and Company dated October 2, 2015 and stamped by Justin T. Kline;
- 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 19, 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:CTNH101A
EM-T-Mobile-014-151231Engineering Firm Designation:Paul J Ford and Company Project Number:31216-0021.001.7101Site Data:850 West Main Street, Branford, New Haven County, CT
130 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 85 mph with no ice, 38 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 [project number 37515-2708.002.7700, dated October 02, 2015] we have determined that loading is similar and should not change the analysis results.

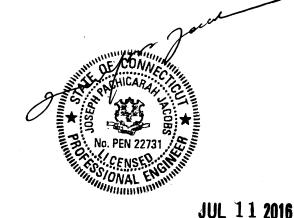
Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

Per the Paul J. Ford and Company [project number 37515-2708.002.7700, modifications to the tower were to be completed prior to installation of the antennas. Per the "Modification Inspection Report" prepared by Sinnot Gering and Schmitt Towers, Inc., dated February 5, 2016, the proposed modifications were completed per the design drawings.

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



Mounting Level (ft)	Elevation	Number of Antennas	Antenna Manufacturer	the state of the second s	Number of Feed Lines	Feed Line Size (in)	Note
128.0	130.0	3	andrew	LNX-6515DS-VTM w/ Mount Pipe	-	-	_
		3	ericsson	RRUS 11 B12			

Table 1 - Proposed Antenna and Cable Information

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	Numb er of Feed Lines	Feed Line Size (in)	Note
128.0	130.0	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			
	128.0	3	ericsson	KRY 112 144/1			
		1	tower mounts	Platform Mount [LP 305-1]			
122.0	122.0	3	alcatel lucent	TME-800MHZ RRH	-	-	1
		3	alcatel lucent	TME-1900MHZ RRH (65MHz)			
		1	tower mounts	Side Arm Mount [SO 102-3]			
118.0	124.0	1	andrew	VHLP2-11	321	1-1/4 1/2 5/8	1
		1	andrew	VHLP2-18			
	120.0	3	alcatel lucent	800 EXTERNAL NOTCH FILTER			
		3	alcatel lucent	TD-RRH8x20-25			
		9	rfs celwave	ACU-A20-N			
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe			
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe			
	118.0	1	tower mounts	Platform Mount [LP 712-1]			
110.0	114.0	1	kathrein	OG-860/1920/GPS-A	13 1	1-5/8 1/2	1
	111.0	3	alcatel lucent	RRH2X60-AWS			
		3	alcatel lucent	RRH2X60-PCS			
		6	andrew	HBXX-6517DS-A2M w/ Mount Pipe			
		3	antel	BXA-70063-6CF-EDIN-0 w/ Mount Pipe			
		6	rfs celwave	APL868013-42T0 w/ Mount Pipe			
		1	rfs celwave	DB-T1-6Z-8AB-0Z			
		6	rfs celwave	FD9R6004/1C-3L			
	110.0	1	tower mounts	Platform Mount [LP 712-1]			
50.0	52.0	1	kathrein	OG-860/1920/GPS-A		5/16	1
	50.0	1	tower mounts	Side Arm Mount [SO 701-1]	1		

Notes:

Existing Equipment
Equipment to Be Removed