

·T· · · Mobile·

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

July 15, 2016

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

PE1133-TMOB-20151215
T-Mobile Site ID CT11528C
46 Brendan Street, Stafford 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:

- Reinforcements shall be made consistent and in accordance with the structural analysis report prepared by Paul J. Ford and Company dated October 23, 2015 (page 6 revised on January 22, 2016) and stamped by Justin 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;
- 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 the Petitioner 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 Petitioner 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 was complete as of April 8, 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: CT11528C
Siting Council ID: PE1133-TMOB-20151215

Engineering Firm Designation: Paul J Ford and Company Project Number: 31216-0018.001.7101

Site Data: 46 Brendan Street, Stafford, Tolland County, CT
129 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 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 Paul J. Ford and Company [project number 37515-0530.006.7805, dated October 23, 2015] we have determined that loading is similar and should not change the analysis 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.

Per the Paul J. Ford and Company [project number 37515-0530.005.7700, modifications to the tower were to be completed prior to installation of the antennas. Per the "Modification Inspection Report" prepared by Engineered Tower Solutions, LLC., dated March 10, 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



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
123.0	123.0	3	commscope	ATBT-BOTTOM-24V	6	1-5/8	-
		3	commscope	LNx-6515DS-VTM w/ Mount Pipe			
		3	ericsson	KRY 112 489/2			
		1	tower mounts	RMV12-3XX			

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
123.0	123.0	3	ems wireless	RR90-17-02DP w/ Mount Pipe	6	1-5/8	1
115.0	115.0	6	remec	GSM PCS 1900 MASTHEAD AMPLIFIER	-	-	3
113.0	115.0	3	alcatel lucent	RRH2X60-AWS	2	1-5/8	2
		3	alcatel lucent	RRH2X60-PCS			
		6	andrew	HBXX-6517DS-VTM w/ Mount Pipe			
		6	andrew	LNx-8513DS-VTM w/ Mount Pipe			
	2	rfs celwave	DB-B1-6C-12AB-0Z				
	113.0	1	tower mounts	Platform Mount [LP 602-1]	12	7/8	1
100.0	100.0	6	decibel	DB980H90E-M w/ Mount Pipe	6	1-5/8	1
		1	tower mounts	Platform Mount [LP 1201-1]			
92.0	94.0	3	ericsson	RRUS 11	-	-	1
		1	raycap	DC6-48-60-18-8F			
	92.0	1	tower mounts	Side Arm Mount [SO 102-3]			
90.0	90.0	6	communication components inc.	DTMABP7819VG12A	1* 2* 1* 12	3/8 3/4 1-5/8 1-1/4	1
		3	powerwave technologies	7770.00 w/ Mount Pipe			
		8	powerwave technologies	LGP13519			
		6	powerwave technologies	P65-17-XLH-RR w/ Mount Pipe			
		1	tower mounts	Platform Mount [LP 601-1]			
59.0	59.0	1	gps	GPS_A	1	1/2	1
		1	tower mounts	Side Arm Mount [SO 701-1]			

Notes:

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