

Please Reply To:
Sam Simons
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Bloomfield, CT 06002
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July 13, 2016

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

EM-T-MOBILE-040-151218
T-Mobile Site ID CT11542A
60 South Main Street, East Granby 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 in accordance and consistent with the structural analysis report and modification drawings prepared by GPD Engineering and Architecture dated November 12, 2015 and July 29, 2015 respectively 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 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:
Siting Council ID:**

CT11542A
EM-T-Mobile-040-151218

Engineering Firm Designation:

Paul J Ford and Company Project Number: 31216-0022.001.7101

Site Data:

**60 South Main Street, East Granby, Hartford County, CT
98 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, 28 mph with 1.0 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 GPD [project number 2016777.876399.02, dated November 12, 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 GPD project number 2015777.876399.01, modifications to the tower foundation were to be completed prior to installation of the antennas. Per the "Modification Inspection Report" prepared by Engineered Tower Solutions, PLLC, dated March 16, 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



JUL 12 2016

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
89.0	90.0	3	commscope	ATBT-BOTTOM-24V	6	7/8	1
		3	commscope	LNx-6515DS-VTM w/ Mount Pipe			
		3	rfs celwave	APXV18-209014-c			

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
94.0	96.0	1	andrew	HBX-6516vtm	2 6	7/8 1-1/4	
		1	antel	BXA-80063/4CF			
		4	decibel	DB980H65E-M			
	94.0	1		Platform Mount [LP 601-1]			
89.0	90.0	3	ems wireless	RR90-17-02DP	6	7/8	1
		3	rfs celwave	ATMPP1412D1CWA			
	89.0	1		Platform Mount [LP 305-1]			
81.0	82.0	3	andrew	ATM200-A20	1 6	5/16 7/8	2
		3	andrew	HBX-6516DS-VTM			
	81.0	1		T-Arm Mount [TA 601-3]			
74.0	76.0	3	ericsson	RRUS-11	1 2 12	3/8 3/4 7/8	1
		6	powerwave	7770.0			
		6	powerwave	LGP21401			
		6	powerwave	LGP21903			
		3	powerwave	P65-17-XLH-RR			
		1	raycap	DC6-48-60-18-8F			
	74.0	1		Platform Mount [LP 303-1]			
67.0	67.0	2	antel	BXA-70063/6CF	18	1-5/8	3
		1	antel	BXA-70063/6CFx2			
		3	antel	BXA-171063/12BF			
		6	antel	LPA-80063/6CFx2			
		1		Platform Mount [LP 303-1]			
52.0	54.0	1	lucent	KS24019-L112A	1	1/2	
	52.0	1		Side Arm Mount [SO 701-1]			

Notes:

- 1) Existing Equipment to Be Removed; not considered in the analysis
- 2) Existing Equipment to Be Removed; per the proposed modification design; not considered in the analysis
- 3) Reserved Equipment; considered in the analysis