·T· · · Mobile·

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

February 16, 2016

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

EM-MetroPCS-060-140801

T-Mobile Site ID CTNH510A 201 Granite Road, Guilford 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:

- Remove antennas at 90 feet as specified within the structural analysis report prepared by B+T Group, stamped by Chad Tuttle on February 11, 2015;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the Structural Engineer;
- 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 February 9, 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 March 6, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile





CTHA510A Date: February 9, 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:
 CTNH510A EM-METROPCS-060-140801

 Engineering Firm Designation:
 Paul J Ford and Company Project Number:
 79916-0014.001.8100

 Site Data:
 201 Granite Road, Guilford, CT 109 Foot – Monopole
 Top Foot – Monopole

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. 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, 37.6 mph with 3/4 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 GRP [project number 93996.002.01 dated February 11, 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.

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)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
90.0	86.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	1	1 5/8	
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe			
		3	commscope	LNX-6515DS-A1M			
	90.0	1	tower mounts	T-Arm Mount [TA 602-3]			

Table 1 - Proposed Antenna and Cable Information

Notes:

Verified antenna/coax installation heights and quantities Proposed coax installed on outside of pole shaft. 1) 2)

,

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
» 110.0	110.0	3	alcatel lucent	RRH2X40-07-U	14	1 5/8	1
		3	alcatel lucent	RRH2X40-AWS			
		6	amphenol	BXA-171063-12CF-EDIN- X w/ Mount Pipe			
		6	amphenol	BXA-70063-6CF-EDIN-X w/ Mount Pipe			
		1	rfs celwave	DB-B1-6C-8AB-0Z			
		1	tower mounts	Platform Mount [LP 301-1]			
98.0	98.0	6	ericsson	RBS 6601	3 12	1/2 1 1/4	1
		3	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe			
		6	powerwave	7770.00 w/ Mount Pipe			
		6	powerwave	LGP21401			
		1	raycap	DC6-48-60-18-8F			
		1	tower mounts	Platform Mount [LP 303-1]			
90.0	90.0	3	rfs celwave	APXV18-206517S-C w/ Mount Pipe			2
		1	tower mounts	Pipe Mount [PM 601-3]			
					6	7/8	1

Notes:

Existing Equipment Equipment To Be Removed 1) 2)