## ·T· · · Mobile·

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

February 10, 2016

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

## EM-METROPCS-043-140903

T-Mobile Site ID CTHA515A 310 Prestige Park Rd, East Hartford 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:

- Install coax in accordance with the structural analysis report prepared by American Tower dated August 28, 2014 and stamped by Wm. Garrett on August 29, 2014;
- Within 45 days following completion of the equipment installation, MetroPCS shall provide documentation that its installation complied with the recommendations of the Structural Analysis Report;
- 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 MetroPCS Massachusetts, LLC 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 5, 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 9, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile





Date: February 5, 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:

CTHA515A

Siting Council ID:

EM-METROPCS-043-140903

SOONAL EN

Engineering Firm Designation:

Paul J Ford and Company Project Number: 79916-0018.001.7100

Site Data:

310 Prestige Park Rd, East Hartford, CT

150 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. The review is consistent with the guidelines as stated in the 2005 Connecticut Building Code and the ANSI/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 95 mph, 50 mph with 1 inch ice thickness and 60 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 American Tower [project number 59130822 dated August 28, 2014] 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:

Jared Smith, E.I. Structural Designer

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Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Elevation	Number of Antennas	Antenna Manufacturer		Number of Feed Lines	Feed Line Size (in)	Note
128.0	129.0	3	Ericsson	AIR 21, 1.3M, B4A B2P	1	1-5/8	1
		3	Ericsson	AIR 21, 1.3M, B2A B4P			

Notes:

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
150.0	155.0	6	Kathrein	860 10025	12 2 1 1 1	7/8 0.78 3/8 0.39 3" Conduit 1-5/8	1
		1		6' Omni			
		12	ADC	DD1900			
		6	CSS	DUO4-8670			
		3	KMW	AM-X-CD-16-65-00T-RET			
	151.0	1	Raycap	DC6-48-60-18-8F			
		6	Ericsson	RRUS 11			
	150.0	1	_	Platform Mount			
. 138.0	138.0	3	RFS	IBC1900BB-1	4	1-1/4	1
		3	RFS	IBC1900HG-2A			
		6	Alcatel	4X40W RRH			
		3	Alcatel	800MHz RRH w/ Notch Filter			
		3	Alcatel	TD-RRH8x20-25 w/ S. S.			
		3	RFS	APXVTM14-C-l20			
		2	RFS	APXV9ERR18-C-A20			
		1	RFS	APXVSPP18-C-A20			
		3		T-Arm Mount			
128.0	128.0	3	RFS	APXV18-206517S-C	-	-	2
		1	_	Sector Frame	6	1-5/8	1
118.0	118.0	3	Dragon Wave	Horizon Compact	6 3 1	5/16 1/2 2" Conduit	1
		1		12"x12" Junction Box			
		1	Dragon Wave	A-ANT-23G-1-C			
		3	NextNet	· BTS-2500			
		3	Argus	LLPX310R			
		2	Dragon Wave	A-ANT-23G-2-C			
		1	_	Pipe Mount			
35.0	35.0	1	_	GPS	1	1/2	1
		1	_	Stand Off Mount			
34.0	34.0	1	-	GPS	1	1/2	1
		1	-	Stand Off Mount			

Notes: 1) 2)

Existing Equipment Equipment to be Removed

Verified antenna/coax installation heights and quantities