

·T· · · Mobile·

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

January 29, 2016

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

EM-T-MOBILE-088-151028
T-Mobile Site ID CTNH312A
280 Elm Street, Naugatuck 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:

- T-Mobile shall remove all antennas and equipment, mounts, and feedlines associated with Metro PCS's installation at the 142-foot level in accordance with the structural analysis report by Destek Engineering, LLC dated October 1, 2015 and stamped by Ahmet Colakoglu, and consistent with modification drawings prepared by Dewberry Engineers Inc. dated October 26, 2015 and stamped by Jiang Yu prior to installing proposed loading;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation 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 January 26, 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 January 4, 2016.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

Date: **January 26, 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:

CTNH312A

Siting Council ID:

EM-T-Mobile-088-151028

Engineering Firm Designation:

Paul J Ford and Company Project Number: 79916-0010.001.7100

Site Data:

**280 Elm Street, Naugatuck, 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 TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph, 38 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 Destek [project number 1502368 dated October 1, 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:

Jared Smith, E.I.
Structural Designer

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
119.0	120.0	3	andrew	LNX-6515DS-VTM	1	1-5/8	-
		3	ericsson	ERICSSON AIR 21 B2A B4P			
		3	ericsson	ERICSSON AIR 21 B4A B2P w			
		3	ericsson	RRUS 11 B12			
	119.0	3	ericsson	KRY 112 144/1			

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
150.0	153.0	1	dragonwave	A-ANT-23G-1-C	3	1-1/4	1
	152.0	3	dragonwave	A-ANT-23G-2-C			
	150.0	3	alcatel lucent	800 EXTERNAL NOTCH FILTER			
		3	alcatel lucent	800MHZ RRH			
		3	alcatel lucent	TD-RRH8x20-25	1	1-1/4	2
		3	alcatel lucent	TME-1900MHz RRH (65MHz)	3	1/4	1
		9	rfs celwave	ACU-A20-N	3	5/16	
		3	rfs celwave	APXVSP18-C-A20	3	1/2	
		3	rfs celwave	APXVTM14-C-120	-	-	2
	1	tower mounts	Platform Mount				
	148.0	3	argus technologies	LLPX310R	-	-	1
3		samsung telecommunication	FDD_R6_RRH				
142.0	142.0	3	rfs celwave	APXV18-206517S-C	6	1-5/8	3
134.0	135.0	12	decibel	844G90VTA-SX	12	1-1/4	1
	134.0	1	tower mounts	Platform Mount			
119.0	120.0	6	ericsson	KRY 112 71	-	-	3
		6	rfs celwave	APX16DWV-16DWV-S-EACU			
	119.0	1	tower mounts	Platform Mount			
99.0	100.0	1	lucent	KS24019-L112A	1	1/2	1
	99.0	1	tower mounts	Side Arm Mount			

Notes:

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