

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

August 3, 2016

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

EM-T-MOBILE-049-160309
T-Mobile Site ID CT11534A
77 Town Farm Road, Enfield 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 with the structural analysis report prepared by American Tower Corporation dated February 19, 2016 and stamped by Scott A. Wirgau and consistent with the modification drawings ATC Job #613768312 dated February 02, 2016;
- 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 Northeast, 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 July 31, 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 June 15, 2016.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile



Date: July 31, 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: CT11534A
Siting Council ID: EM-T-Mobile-049-160309

Engineering Firm Designation: Paul J Ford and Company Project Number: 31216-0027.001.7101

Site Data: 77 Town Farm Road, Enfield, Haven, Hartford County, 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, 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 ANSI/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 95 mph with no ice, 50 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 American Tower Corporation [Engineering Number 613768Z14, dated February 19, 2016] 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 American Tower Corporation [Engineering Number 613768Z14], modifications to the tower were to be completed prior to installation of the antennas. Per the "Tower- Post Modification Inspection Report" prepared by Tower Engineering Professionals, dated June 22, 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

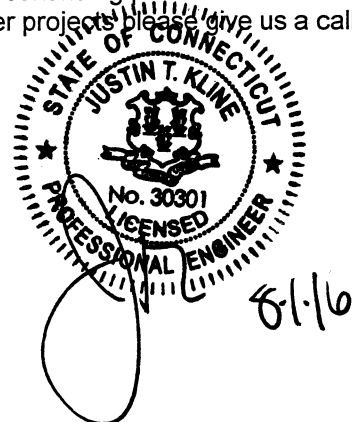


Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
140.0	140.0	3	andrew	LNX-6515DS-VTM w/ Mount Pipe	-	-	1
	139.0	3	ericsson	RRUS-11			

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	Lines	Feed Line Size (in)	Note
150.0	154.0	6	-	Diplexer / Coupler	13	1-5/8 Coax 0.78 8 AWG 6 0.51 Hybrid	1
		3	-	ADC DD1900			
		2	raycap	DC6-48-60-18-8F			
		3	kaelus	TMA2093FxxV1-1			
		3	ericsson	RRUS A2 B2			
		3	ericsson	RRUS 11 (Band 12)			
		3	ericsson	RRUS 32 B30			
		3	ericsson	RRUS 11			
		3	ericsson	RRUS E3 B29]			
		3	ericsson	RRUS-12 B2			
		3	powewave	7770.00			
		6	CCI	HPA-65R-BUU-H8			
1	-	Platform w/ handrails					
149.0	155.0	1	-	12' Omni	1	1-5/8 Coax	1
		1	-	flush mount			
144.0	145.0	1	-	Diamond XA	2	1/2 Coax	1
		1	-	Stand-offs			
122.0	122.0	1	rfs celwave	DB-T1-6Z-8AB-0Z	-	-	1
140.0	139.0	3	ericsson	KRY 112 144/1	6	1-5/8 Coax 1-1/4 Hyriflex	1
		3	ericsson	AIR 21, 1.3M, B2A B4P			
		3	ericsson	AIR 21, 1.3M, B4A B2P			
		1	-	Low Profile Platform			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Lines	Feed Line Size (in)	Note	
126.0	128.0	3	alcatel lucent	RRH2x40-AWS	12 1	1-5/8 Coax 1-5/8 Hybriflex	1	
		1	rfs	DB-T1-6Z-8AB-0Z				
	127.0			rfs				FD9R6004/2C-3L
		6	antel	BXA-171085-8BF-EDIN-X				
		3	antel	BXA-70063-4CF-EDIN-10				
		3	antel	BXA-171085-12BF-EDIN-X				
		3	antel	BXA-80080-6CF-EDIN-X				
-	-	-	Low Profile Platform					
104.0	111.0	2	dragonwave	Horizon Compact	6 4 2	5/16 Coax 1/2 Coax 2 Conduit	1	
		2	dragonwave	A-ANT-11G-2-C				
	110.0	1	-	24" X 24" Junction Box				
	108.0	3	Nextnet	BTS-2500				
		3	Argus	LLPX310R				
56.0	56.0	1	Channel Master	Type 120	1	1/2 Coax	1	
		1	-	Flush				
40.0	40.0	-	-	-	1	0.28 RG-6	1	

Notes:

- 1) Existing Equipment