

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

October 14, 2016

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

EM-T-MOBILE-106-14112
T-Mobile Site ID CT11327A
44 Ford Drive, Old Saybrook 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:

- The tower shall be reinforced in accordance with the structural analysis report prepared by Tectonic Engineering, stamped on October 22, 2014 by Antonio Gualtieri;
- 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 October 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 29, 2016.

Sincerely,



Samuel Simons, Engineering Development - Connecticut

cc: Mark Richard, Engineering and Operations



Date: **October 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: CT11327A
Siting Council ID: EM-T-Mobile-106-141120

Engineering Firm Designation: **Paul J Ford and Company Project Number:** 31216-0036.001.7101

Site Data: **44 Ford Drive, Old Saybrook, Middlesex 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. 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 95 mph with no ice, 82 mph with 1/2 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 Tectonic [W.O. 6421.CT11327A, dated October 22, 2014] 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 Tectonic structural analysis, modifications to the tower were to be completed prior to installation of the antennas. The proposed modifications were detailed in structural design drawings prepared by Tectonic, [project no. 6421.CT11327A, dated January 20, 2015]. Per the "Post Installation Inspection" report prepared by HighTower Solutions, Inc., dated October 4, 2016, the proposed modifications appear to be installed as specified in the Tectonic 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
kswarts@pjfweb.com

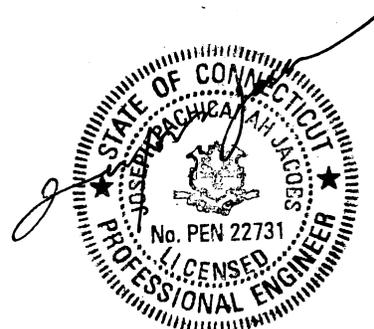


Table 1 - Proposed Antenna and Cable Information

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
150.0	150.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	12 1 3	1-5/8 7/8 Hybriflex	1
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe			
		3	commscope	LNx-6515DS-VTM			
		3	ericsson	RRUS 11 B12			
		3	AWS	ddB4			

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	150.0	1	-	6' x 1.5" Omni Antenna	-	-	2
		1	-	MA0245-19AN	2 1	7/8 1/2	
		2	decibel	DB874G45A-XY			
		1	-	20' x 2" Omni Antenna			
		1	-	16-Ft Low Profile Platform			
101.0	101.0	1	-	10' x 2" Omni Antenna	1 1 1	1/2 1/4 5/16	
		2	-	MT-404067/ND			
		2	-	WIN7237			
		1	-	3' Standoff Mount			
99.0	99.0	1	-	4' Walkway	-	-	2
76.0	76.0	1	-	20' x 2" Omni Antenna	1	7/8	2
		1	-	4' x 2" Std Pipe			
		1	-	3' Standoff Mount			
51.0	51.0	1	-	20' x 2" Omni Antenna	1	7/8	2
		1	-	4' x 2" Std Pipe			
		1	-	3' Standoff Mount			

Notes:

- 2) Existing Equipment