

•T•••Mobile•

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

August 5, 2015

Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council Ten
Franklin Square
New Britain, CT 06501

EM-T-MOBILE-104-140514
T-Mobile Site ID CT11463C
202 North Wawecus Hill Road, Norwich CT
Notice of Construction Completion

Dear Attorney Bachman:

The Connecticut Siting Council ("Council") acknowledged the above referenced T-Mobile Northeast LLC ("T-Mobile") notice of exempt modification on July 15, 2014. The Council imposed the following condition in its acknowledgment:

- The coax shall be installed in accordance with the recommendations made in the Structural Analysis Report prepared by ATC and stamped by William Garrett on March 11, 2014;
- Not more than 45 days following completion of the antenna installation, T-Mobile shall provide documentation certifying that its installation complied with the engineer's recommendation;
- 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 July 29, 2015, 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 2, 2015.

Please don't hesitate to contact me with any questions.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile

Date: July 30, 2015

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: Structural Opinion Letter

Carrier Designation: T-Mobile Co-Locate
Carrier Site Number: EM-T-MOBILE-104-140514
Carrier Site Name: CT11463C

Engineering Firm Designation: Paul J Ford and Company Project Number: 79915-0016.001.7100

Site Data: 202 N Wawecus Hill Rd, Norwich, CT 06360
Latitude 41° 31' 37.4", Longitude -72° 7' 21.3"
140 Foot – Monopole Tower

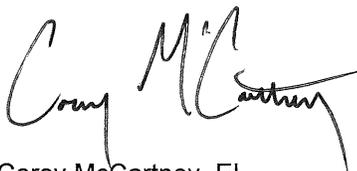
Dear Sam Simons,

Paul J. Ford and Company is pleased to submit this "Structural Opinion Letter" for the structural integrity of the aforementioned monopole tower. The purpose of the opinion letter is to determine the suitability of the monopole tower with the proposed and existing loading as specified in Tables 1 & 2 on the next two pages. The opinion is consistent with the guidelines as stated in the ANSI/TIA-222-G-2005 Standard, "Structural Standard for Antenna Supporting Structures and Antennas", with ANSI/TIA-222-G-1-2007 and ANSI/TIA-222-G-2-2009 Addenda using a 3-second gust wind speed of 110 mph with no ice, 50 mph with 3/4 inch ice thickness and 60 mph under service loads, Exposure Category B with Topographic Category 1 and crest height of 0 feet.

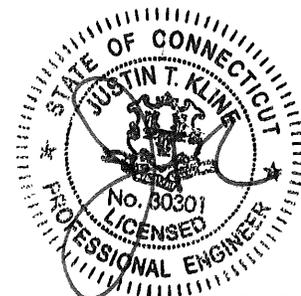
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from American Tower Corporation (job number 58044312, dated April 10, 2014) we have determined that loading is similar and should not change the opinions concluded by others.

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:



Corey McCartney, EI
Structural Designer



7-30-15

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
137.0	137.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	1	1-5/8	1
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe			
		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
137.0	137.0	1	tower mounts	Low Profile Mount	12	1-5/8	1
126.0	127.0	6	kathrein	800 10504	6 1	1-5/8 3/8	1
	126.0	3	miscellaneous	RCU			
		1	tower mounts	Low Profile Mount			
116.0	116.0	3	alcatel lucent	RRH2x40-07-U	12	1-5/8	1
		3	alcatel lucent	RRH2x40-AWS			
		6	antel	BXA-171063-12CF-EDIN-X			
		1	rfs	DB-T1-6Z-8AB-0Z			
		6	antel	BXA-70063-6CF-EDIN-X			
		1	tower mounts	Side Arm Mount			

Notes:

- 1) Existing Equipment