

T-Mobile

Please Reply To:
Sam Simons
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Bloomfield, CT 06002
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December 31, 2015

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

EM-T-MOBILE-135-150909
T-Mobile Site ID CT11410A
555 East Main Street, Stamford CT
Notice of Compliance with Conditions and 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 September 30, 2015. The Council imposed the following condition in its acknowledgment:

- Reinforcements shall be made in accordance with the structural analysis report and associated drawings prepared by Malouf Engineering Ind., Inc. dated June 24, 2015 and stamped by E. Mark Malouf;
- 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 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 December 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 September 25, 2015.

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

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile

Date: **December 29, 2015**

Mark Appleby
Northeast Site Solutions
T-Mobile
199 Brickyard Rd
Farmington, CT 06032

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:
Siting Council ID:

CT11410A
EM-T-Mobile-135-140912

Engineering Firm Designation:

Paul J Ford and Company Project Number: 79915-0044.001.8100

Site Data:

555 East Main St., Stamford, Fairfield County, CT 06902
Latitude 41° 3' 11.999", Longitude -73° 32' 9.999"
125 Foot – Self Support Tower

Dear Mark Appleby,

Paul J. Ford and Company is pleased to submit this **"Structural Opinion Letter"** for the structural integrity of the aforementioned tower. The purpose of the opinion letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The opinion is consistent with the guidelines as stated in 2003 IBC, TIA/EIA-222-F, and the ASCE 7-05 Standards for Steel Antenna Towers and Antenna Supporting Structures using a fastest mile wind speed of 85 mph with no ice and 63.75 mph with 0.75 inch ice thickness and 50 mph under service loads.

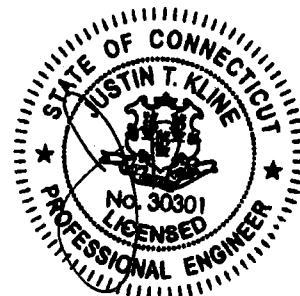
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from GPD (job number 2012814.17 Rev. 1, dated February 28, 2013) we have determined that loading is similar and should not change the opinions concluded by others.

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:


Joshua Johnson
Structural Designer **KJS**



12-28-15

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
210.0	210.0	6	ericsson	AIR21 B4A/B2P	1	1.57	1
205.0	205.0	3	rfs	ATMAA1412D-1A20			

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
234.0	250.0	1	-	6' Lightning Rod	12	1-1/4 1-5/8 5/8 3/8 2 0.3	1
	247.0	2	-	Small Beacons			
	234.0	3	KMW	AM-X-CD-14-65-00T-RET			
		6	powerwave	P65-15-XLH-RR			
		6	powerwave	LGP21401			
		6	ericsson	RRUS 11			
		1	raycap	DC6-48-60-18-8F			
		1	-	13'T Beam Mount			
		1	-	Platform			
229.0	229.0	1	-	1.5' Yagi	1	1/2	1
		1	-	Pipe Mount			
223.5	223.5	1	-	10' Dish	2	EW90	1
		1	-	Pipe Mount			
221.5	221.5	-	-	-	2	3/8	1
221	221	1	-	1' Dish	1	3/8	1
		1	-	Pipe Mount			
216.5	216.5	1	-	Platform	-	-	1
210.0	210.0	3	-	10' T-Frames	6	1-5/8	1
		3	rfs	APX16PV-16PVL	18	1-5/8	2
		6	-	13" x 6.5" x 3.5" TMA			
205.0	205.0	3	rfs	APX16DW-16DWVS	-	-	2
		3	-	10" x 9.5" x 3.5" TMA			
		3	rfs	APX16PV-16PVL	6	1-5/8	1
		3	-	10' T-Frames			
132.0	132.0	1	-	4' Yagi	1	1/2	1
		1	-	2' Sidearm			

Notes:

- 1) Existing Equipment
2) Equipment To Be Removed