

Please Reply To:  
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December 28, 2015

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

**EM-T-MOBILE-083-150401**  
T-Mobile Site ID CT11247E  
1279 Long Hill Road, Middletown 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 April 23, 2015. The Council imposed the following condition in its acknowledgment:

- Install coax and TMAs in accordance with the structural analysis report prepared by FDH Engineering, dated March 12, 2015 and stamped by Dennis Abel;
- Install antennas and monopole reinforcements as noted on Hudson Design Group Site Plan A-2, dated March 9, 2015 and stamped by Daniel Hamm;
- 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 22, 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 July 22, 2015.

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

Sincerely,

*Sam Simons*

Samuel Simons, T-Mobile

Date: December 22, 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:** CT11247E  
**Siting Council ID:** EM-T-Mobile-083-150401

**Engineering Firm Designation:** Paul J Ford and Company Project Number: 79915-0031.001.8100

**Site Data:** 1279 Long Hill Rd., Middletown, Middlesex County, CT  
158 Foot – Monopole Tower

Dear Mark Appleby,

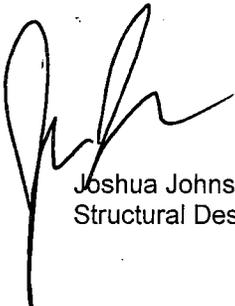
Paul J. Ford and Company is pleased to submit this “**Structural Opinion Letter**” for the structural integrity of the aforementioned tower. The purpose of the opinion letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The opinion is consistent with the guidelines as stated in 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 with no ice, 38 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 FDH (job number 15BFZB1400, dated March 12, 2015) 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.

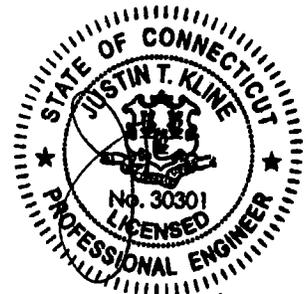
We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you. If you have any questions or need further assistance on this or any other projects please give us a call.

Respectfully submitted by:



Joshua Johnson  
Structural Designer

KJS



12-23-15

**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
136.0	136.0	3	rfs	APXV18-206517S	12	1-5/8	1
		3	commscope	LNx-6515DS-A1M			
		3	kathrein	782-11066			
		1	Site Pro – Mount Support	PRK 1245			

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
156.0	158.0	3	antel	BXA-70063-6CF	12 1	1-5/8 1/2	1
		2	antel	BXA-171063-8BF-2			
		2	antel	LPA-80063-6CF-4			
		4	rfs	APL866513-42-TO			
		1	Antel	BXA-171063-12BF-2			
		6	rfs	FD9R6004/2C-3L			
		1	-	GPS			
		1	tower mounts	Low Profile Platform			
151.0	151.0	1	andrew	VHLP 2.5	1	1/2	1
		1	-	ODU			
		1	tower mounts	Pipe Mount			
144.0	146.0	3	rfs	APXVSP18-C-A20	4	1-1/4	1
		3	rfs	APXVTM14-C-120			
		3	alcatel	TD-RRH8X20-25-RRHs			
		3	alcatel	1900MHz RRH			
		3	alcatel	800MHz			
		3	alcatel	800 MHz Filters			
		4	rfs	ACU-A20-N			
		1	-	GPS			
		3	kathrein	840 10054			
		3	-	RRU			
		1	tower mounts	Low Profile Platform			
136.0	137.0	6	ems	RR90-17-02DP	-	-	2
		1	tower mounts	Low Profile Platform	6	1-5/8	1
126.0	126.0	12	decibel	DB844H90E-XY	12	1-1/4	1
		1	tower mounts	Low Profile Platform			
116.0	116.0	3	kathrein	742 213	6	1-5/8	1
105.0	107.0	6	kmw	AM-X-CD-16-65-00T	12	1-5/8	1
		3	powerwave	7770			
		3	powerwave	LGP21401			
		3	cci	DTMABP7819VG12A			
		1	tower mounts	Low Profile Platform			
103.0	103.0	6	ericsson	RRU-11	1	3/8 7/16	1
		1	raycap	DC6-48-60-18-8F	3		
		1	tower mounts	Collar Mount			

Notes:

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