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

October 6, 2015

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

EM-T-MOBILE-169-150519
T-Mobile Site ID CTNL181A
215 Coatney Hill Road, Woodstock, Connecticut.
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:

- Install coax and TMAs in accordance with the structural analysis report prepared by Velocitel Inc., stamped/ dated May 6, 2015 by Dennis Abel;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation 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 September 30, 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 August 25, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile



Date: **September 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: CTNL181A
Siting Council ID: EM-T-Mobile-169-150519

Engineering Firm Designation: Paul J Ford and Company Project Number: 79915-0041.001.7100

Site Data: 215 Coatney Hill Road, Woodstock, Windham County, CT
190 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 tower. The purpose of the opinion letter is to determine the suitability of the 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 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 1 inch ice thickness and 50 mph under service loads.

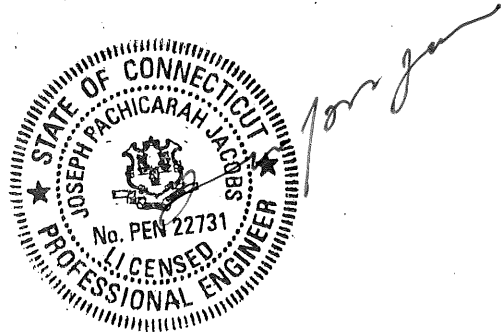
Based on a comparison of the verified proposed loading (shown Table 1 & 2) versus the previous analysis loads (including wind speeds) from FDH (project number 15BFGC1400 (R2) dated May 6, 2015) we have determined that loading is similar and should not change the opinions concluded by others.

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:

Jared Smith, EI
Structural Designer *KJS*



OCT 01 2015

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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
178	177.5	3	commscope	LNx-6515DS-VTM	-	-	1
		3	ericsson	KRY 112 489/2			
		3	kathrein	782 11056 Bias T			

Notes:

- 1) Verified antenna/coax installation heights and quantities

Table 2 – Existing and Reserved 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
186.0	187.5	6	powerwave	7770.00	12 2 1	1-5/8 3/4 7/16	1
		3	kmw	AM-X-CD-17-65-00T			
		6	powerwave	LGP21401			
		6	ericsson	RRUS-11			
		6	powerwave	LGP21903			
		6	adc	CG-1900W800-FULL-DIN			
	1	raycap	DC2-48-60-18-8F				
	186.0	1	-	Platform Mount			
178.0	177.5	3	ems	RR90-17-02DPL2	-	-	2
		6	ems	RR90-17-02DPL2	18	1-5/8	1
	178.0	1	-	Platform Mount			
167.0	167.0	3	antel	BXA-70063-6CF	12	1-5/8	1
		6	antel	LPA-80080/6CF			
		3	antel	BXA-171085/12BF			
		6	rfs	9R6004/2C-3L			
		1	-	Platform Mount			
110.0	110.0	2	antenex	Y1505	2	7/8	1
		2	-	Pipe Mounts			
100.0	120.0	2	decibel	DB212-1	2	7/8	1
	100.0	2	-	Standoffs			
80.0	86.0	2	telewave	ANT450D6-9	2	7/8	1
	80.0	2	-	Standoffs			

Notes:

- 1) Existing Equipment
 2) Equipment to be Removed