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Please Reply To:  
Sam Simons  
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Bloomfield, CT 06002  
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October 6, 2015

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

**EM-T-MOBILE-164-150327**  
T-Mobile Site ID CT11063B  
340 Bloomfield Ave., Windsor 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:

- o Prior to the installation of T-Mobile's equipment, modify the tower in accordance with structural analysis report prepared by B+T Group, dated October 8, 2015 and stamped by Chad Tuttle;
- o 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;
- o Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
- o Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- o Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- o 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;
- o The validity of this action shall expire one year from the date of this letter; and
- o 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 May 20, 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:** CT11063B  
**Siting Council ID:** EM-T-Mobile-164-150327

**Engineering Firm Designation:** Paul J Ford and Company Project Number: 79915-0027.001.7100

**Site Data:** 340 Bloomfield Ave., Windsor, Hartford County, CT  
148 Foot – Monopole Tower

Dear Sam Simons,

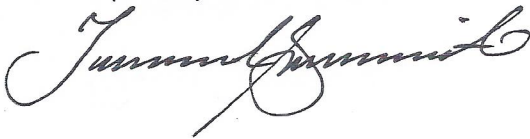
Paul J. Ford and Company is pleased to submit this "Structural Opinion Letter" for the structural integrity of the aforementioned tower. The purpose of the opinion letter is to determine the suitability of the tower with the proposed and existing loading as specified in Tables 1 & 2 on the next two pages. 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 80 mph with no ice, 37.6 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 B+T Group (project number 91728.004.01, dated October 8, 2014) 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



**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
142.0	143.0	3	commscope	LNx-6515DS-VTM	1	1-5/8	1
		3	ericsson	AIR 21 B2A B4P			
		3	ericsson	AIR 21 B4A B2P			
	142.0	3	ericsson	RRUS-11 B12			

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	
147.0	152.0	1	rfs	PD320-2	12 3 1	1-5/8 1-1/4 7/8	1	
	149.0	3	ericsson	RRUS-11				
		1	raycap	DC6-48-60-18-8F				
	147.0	1	-	Platform Mount				
	145.0	145.0	6	kathrein				800 10121
			12	kathrein				860 10025
			2	kmw				AM-X-CD-16-65-00T-RET
			12	powerwave				LGP 13519
		1	powerwave	P65-15-XLH-RR				
142.0	142.0	3	ems	RR90-17-02DP	12	1-5/8	1	
		6	remec	G20045A1				
		3	rfs	APX16DWV-16DWVS-C				
		3	ericsson	KRY 112 144/1				
		1	-	Platform Mount				
125.0	127.0	3	alcatel	RRH2X40-AWS	1	1-5/8	2	
		3	andrew	HBX-6516DS-VTM				
		3	andrew	HBX-6517DS-VTM				
		1	rfs	DB-T1-6Z-8AB-0Z				
		1	antel	BXA-70080-6CF-4				
		6	decibel	DB844G65ZAXY				
		2	powerwave	P65-16-XL-R				
	6	rfs	FD9R6004/2C-3L					
125.0	1	-	Platform Mount					
111.0	113.0	3	alcatel	TME-800MHz 2X50W RRH W/FILTER	-	-	1	
	111.0	3	alcatel	PCS 1900MHz 4X45W-65MHz				
		1	-	Pipe Mount				

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note	
109.0	118.0	1	decibel	DB205-L	-	-	1	
		1	sinclair	SD212-SF3P2SNM				
	113.0	1	sinclair	SRL-227				
	110.0	110.0	3	alcatel	TD-RRH8X20-25	3	5/16	2
			3	rfs	APXVTM14-C-120	1	5/8	
			4	rfs	APXVSP18-C-A20	3	1-1/4	1
	109.0	1	-	Platform Mount	3	7/8		
107.0	1	-	Kicker Support	-	-	2		
81.0	83.0	1	sinclair	SRL-227	2	7/8	1	
	81.0	1	-	Side Arm Mount				
	76.0	1	sinclair	SD212				
74.0	75.0	1	radiowaves	HP2-23	1	1/4	1	
	74.0	1	-	Pipe Mount				
50.0	51.0	1	pctel	GPS-TMG-HR-26N	1	1/2	1	
	50.0	1	-	Side Arm Mount				

Notes:

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