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Please Reply To:
Sam Simons
35 Griffin Road South
Bloomfield, CT 06002
203-482-5156
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October 6, 2015

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

EM-T-MOBILE-161-150421
T-Mobile Site ID CT11346C
160 Deer Run Road, Wilton, 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 in accordance structural analysis report prepared by CENTEK Engineering, dated November 6, 2014 and stamped by Timothy Lynn;
- Within 45 days following completion of the equipment installation, T-Mobile shall provide documentation that its installation complied with the Structural Engineer's recommendations;
- 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 Northeast LLC 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 28, 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 17, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

CC: Mark Richard, T-Mobile



Date: **September 28, 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: CT11346C
Siting Council ID: EM-T-Mobile-161-150421

Engineering Firm Designation: **Paul J Ford and Company Project Number:** 79915-0032.001.8100

Site Data: **160 Deer Run Rd., Wilton, Fairfield County, CT**
118 Foot – Self Support 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 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 15BFPK1400, dated April 10, 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 *KJS*
Structural Designer



Date: **September 28, 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
118.0	118.0	3	commscope	LNX-6515DS-VTM	-	-	-
		3	ericsson	S11B12			
		3	tower mounts	T-Arm Mounts			

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	
118.0	124.0	1	-	12' Omni	2	7/8	2	
	123.0	2	tower mounts	Pipe Mounts				
		1	-	10' Omni				
	118.0	118.0	3	ericsson	AIR 21 B2A/B4P	13	1-5/8	1
			3	ericsson	AIR 21 B4A/B2P			
			3	ericsson	KRY 112/71			
3			tower mounts	Pipe Mounts	-	-	2	
110.0	110.0	6	powerwave	7770	12 1	1-5/8 3" Conduit	1	
		3	powerwave	P65-16-XLH-RR				
		5	powerwave	LGP 21401				
		1	andrew	E15Z01P13				
		6	ericsson	RRUS-11				
		2	raycap	DC6-48-60-18-8F				
		3	tower mounts	Sector Frame				
98.0	98.0	3	antel	BXA-185085/12CF	12	1-5/8	1	
		3	antel	80090/8CF				
		3	rfs	APX75-866512				
		6	rfs	RD9R6004/2C-3L				
		3	tower mounts	T Frame				
87.0	87.0	3	-	60" Panels	9	1-5/8	1	
		3	tower mounts	Side Arms				
65.0	70.0	1	-	8' Omni	1	1/2	1	
	65.0	1	tower mounts	Side Arm				
62.0	68.0	1	-	10' Omni	2	7/8	1	
	62.0	1	tower mounts	Side Arm				
	56.0	1	-	10' Omni				
56.0	60.0	1	scala	PR-850	2	7/8	1	
	56.0	1	tower mounts	Pipe Mount				
	52.0	1	scala	PR-850				
58.0	58.0	1	scala	PR-850	1	7/8	1	

Notes:

- 1) Existing Equipment