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

December 29, 2015

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

**EM-T-MOBILE-104-150424**  
T-Mobile Site ID CTNL100G  
39 Maennerchor Ave., Taftville 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 May 18, 2015. The Council imposed the following condition in its acknowledgment:

- Install coax and TMAs in accordance with the structural analysis report prepared by FDH Velocity, stamped and dated April 16, 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 December 15, 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 10, 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 15, 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: Post Construction Review**

**Carrier Designation:** *T-Mobile Co-Locate*  
**Carrier Site Number:** CTNL100G  
**Siting Council ID:** EM-T-Mobile-104-150424

**Engineering Firm Designation:** **Paul J Ford and Company Project Number:** 79915-0048.001.7100

**Site Data:** **39 Maennerchor Ave., Taftville (Norwich), CT**  
**119 Foot – Monopole Tower**

Dear Sam Simons,

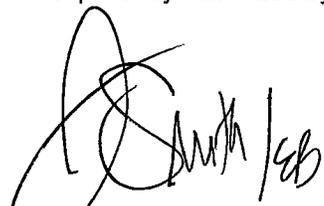
*Paul J. Ford and Company* has completed a post-construction review per the requirements of the Connecticut Siting Council. The purpose of the letter is to verify that the proposed antennas listed in Table 1 (next page) have been installed. The review is consistent with the guidelines as stated in the 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 3/4 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 15BKDX1400, dated April 16, 2015) we have determined that loading is similar and should not change the analysis concluded by others.

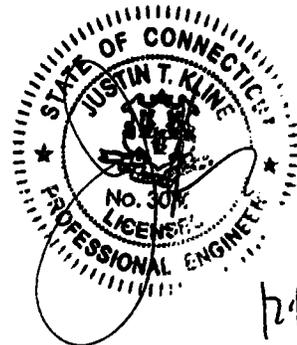
Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

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



12/17/15

**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
113.25	117.0	3	rfs	APXV18-206517S-C-A20	-	-	1
		3	commscope	LNx-6515DS			
		6	allen	FE15501P77/75			
		3	kathrein	782 11056			

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
128.0	128.0	6	andrew	SBNH-1D6565C	6 5	5/8 3/8	1
		3	kmw	AM-X-CD-16-65-00T-RET			
		1	-	Platform Mount			
		12	ericsson	RRUS-11 RRU's			
		3	raycap	DC6-48-60-18-8F			
113.25	117.0	3	-	72"x13" Panel	18	1-5/8	1
	113.25	1	-	Platform Mount			
108.3	110.5	6	kathrein	742 351	12	7/8	1
	108.3	3	-	T-Arm Mount	1	3/8	
100.0	100.0	6	antel	BXA-70063-6CF 2	12 2	1/2 1-5/8	1
		6	antel	BXA-171063-12CF 2			
		3	alcatel lucent	RRH 2x40 AWS RRH			
		3	alcatel lucent	RRH2x40 07-U RRH			
		1	rfs	DB-T1-6Z-8AB-0Z			
		1	-	Platform Mount			

Notes:

- 1) Existing Equipment