

Please Reply To:
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February 29, 2016

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

EM-T-MOBILE-114-151204
T-Mobile Site ID CT11441A
389 Route 2, Preston 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:

- T-Mobile shall remove all antennas, feed lines, and mounts at the 110-foot level in accordance with the structural analysis report prepared by Paul J. Ford & Company dated October 28, 2015 and stamped by Justin T. Kline;
- Reinforcements shall be made in accordance and consistent with the structural analysis report and modification drawings prepared by Paul J. Ford & Company dated October 28, 2015 and stamped by Justin T. Kline;
- 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 February 16, 2016 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 January 23, 2016.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

Date: **February 16, 2016**

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: CT11441A
Siting Council ID: EM-T-MOBILE-114-151204

Engineering Firm Designation: **Paul J Ford and Company Project Number:** 79916-0032.001.7100

Site Data: **389 Route 2, Preston, CT**
147 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, 37.6 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 Paul J. Ford and Company [engineering number 37515-0448.007.7700 dated October 28, 2015] we have determined that loading is similar and should not change the analysis concluded by Paul J. Ford and Company.

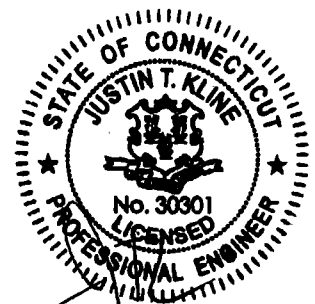
Based upon a review of the photos provided, it appears that the antennas and equipment listed in Table 1 have been installed.

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, E.I.
Structural Designer



2-25-16

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
129.0	129.0	3	andrew	LNx-6515DS-VTM w/ Mount Pipe	2	1-5/8	--
		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	147.0	6	decibel	DB978H90T2E-M w/ Mount Pipe	6	1-5/8	1
		1	tower mounts	Platform Mount [LP 601-1]			
136.0	138.0	3	alcatel lucent	RRH2X60-PCS	--	--	2
		6	andrew	HBXX-6517DS-VTM w/ Mount Pipe			
		6	andrew	LNx-6514DS-VTM w/ Mount Pipe			
		6	rfs celwave	FD9R6004/2C-3L			
		6	rfs celwave	FD9R6004/2C-3L			
	1	tower mounts	Platform Mount [LP 601-1]	12	1-5/8	1	
129.0	129.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	5	1-5/8	1
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe			
		3	ericsson	KRY 112 144/1			
		1	tower mounts	Platform Mount [LP 403-1]			
		--	--	--			
120.0	120.0	6	ericsson	TME-RRUS-11	--	--	1
		1	tower mounts	Side Arm Mount [SO 102-3]			
118.0	118.0	1	andrew	SBNH-1D6565C w/ Mount Pipe	3 6	3/8 1-1/4	1
		3	powerwave technologies	7770.00 w/ Mount Pipe			
		6	powerwave technologies	LGP21401			
		2	powerwave technologies	P65-17-XLH-RR w/ Mount Pipe			
		1	raycap	DC6-48-60-18-8F			
		1	tower mounts	Platform Mount [LP 303-1]			
110.0	110.0	3	kathrein	800 10504 w/ Mount Pipe	6	1-5/8	3
		3	kathrein	860 10025			
		1	tower mounts	T-Arm Mount [TA 602-3]			

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
50.0	51.0	1	lucent	KS24019-L112A	1	1/2	1
	50.0	1	tower mounts	Side Arm Mount [SO 701-1]			
48.0	49.0	1	lucent	KS24019-L112A	1	1/2	1
	48.0	1	tower mounts	Pipe Mount [PM 601-1]			

- Notes:
- 1) Existing Equipment
 - 2) Reserved Equipment
 - 3) Equipment To Be Removed