·T· · ·Mobile·

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

February 10, 2016

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

EM-T-MOBILE-062-150406
T-Mobile Site ID CT11474A
101 Talmadge Road, Hamden 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:

- Install the modifications identified in the structural analysis report prepared by Stainless LLC, dated March 10, 2015 and stamped/dated March 13, 2015 by Gregg Fehrman;
- Within 45 days following completion of the modifications, 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 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 February 8, 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 December 5, 2015.

Sincerely,

Sam Simons

Samuel Simons, T-Mobile

PJF PAUL J. FORD & COMPANY | 50 Years 1965 - 2015

Date: **February 8, 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:	CT11474A
	Siting Council ID:	EM-T-MOBILE-062-150406
Engineering Firm Designation:	**Paul J Ford and Company Project Number:**	79916-0023.001.8100
Site Data:	**101 Talmadge Road, Hamden, CT**	
	907 Foot – Guyed 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, 39 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 Stainless, LLC [report number 362016 dated March 10, 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:

Kurt J. Swarts, P.E.
Project Manager

STATE OF CONNECTICUT
JUSTIN T. KLINE
No. 30301
LICENSED
PROFESSIONAL ENGINEER

2.9.16

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
315.0	315.0	3	rfs	APXV18-206517S-C-A20	12	7/8	1
		3	andrew	LNX-6515DS-VTM			
		3	-	Sector 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
840.41	840.41	1	dielectric	TCL-12A8(S)	1	6-1/8	1
803.41	803.41	1	dielectric	THP-O2-1	1	3-1/8	
768.11	768.11	1	-	Elevator Beams & Weight	-	-	1
758.0	758.0	1	-	10-Ft Whip	1	1-5/8	1
750.0	750.0	1	-	5-Ft Whip	1	7/8	1
744.0	744.0	1	-	ENG Super Quad	1	1/2	1
742.0	742.0	1	allen telecom	DB408	-	-	1
715.0	715.0	1	dielectric	TFU-31E/V-R(S)	1	WR1150	1
681.0	681.0	1	-	Ice Shield	-	-	1
678.0	678.0	1	andrew	PL6-65 (6'ø dish w/ radome)	1 1	EW63 1/2	1
652.0	652.0	1	dielectric	TFU-16DSB-B(C)	1	4-1/16	1
630.0	630.0	1	andrew	PL6-65 (6'ø dish w/ radome)	1 1	EW63 1/2	1
591.0	591.0	1	shively	6015-2/3R FM	1	4-1/16	1
529.0	529.0	2	allen telecom	DB408	2	7/8	1
510.0	510.0	1	allen telecom	DB408	1	7/8	1
458.0	458.0	1	shively	6810-2R 2 Bay FM	1	6-1/8	1
420.0	420.0	1	-	15-Ft Whip	1	1/2	1
420.0	420.0	1	-	10-Ft Whip	1	1-5/8	1
348.0	348.0	1	-	5-ft Omni	1	7/8	1
346.0	346.0	1	-	Ice Shield	-	-	1
339.0	339.0	1	-	6-Ft Grid Dish	1	7/8	1
200.0	200.0	3	rfs	APXVSPP18-C-A20	3 1	1-1/4 fiber	1
		3	rfs	APXVTM14-C120			
		3	alcatel lucent	TD-RRH8x20			
		6	-	RRHs			
		3	-	Sector Mounts	-	-	

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
166.0	166.0	1	-	Ice Shield	-	-	1
160.0	160.0	1	andrew	8-Ft ø Dish w/ radome	2	EW63	
102.0	102.0	1	-	15-Ft Whip	1	1/2	1
100.0	100.0	1	-	ASPG952	1	2-1/4	1
75.0	75.0	1	-	GSP	1	1/2	1
-	-	-	-	-	-	-	-
767.3 to 0		-	-	Support Conduits	1	1-1/2	1
758.0 to 0		-	-	Support Conduits	1	1-1/2	1
529.0 to 0		-	-	Support Conduits	1	1-1/2	1
420.0 to 0		-	-	Support Conduits	2	1-1/2	1
348.0 to 0		-	-	Support Conduits	1	1-1/2	1
315.0 to 0				Support Conduits	1	1-1/4	1
767.3 to 0		-	-	Climbing ladder w/ safety climb	-	-	1
767.3 to 0		-	-	Single Car Elevator	-	-	1
767.3 to 0		-	-	Red Lighting System	1	1-1/2	1
45 to 0					1	1	

Notes:
1) Existing Equipment