

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

November 14, 2017

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

EM-T-MOBILE-103-160921
T-Mobile Site ID CT11356C
2 Willruss Street, Norwalk 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:

1. Prior to commencement of installation, T-Mobile shall provide one copy of the Structural Analysis Report to the Council referencing Revision G of the Structural Standards for Steel Antenna Towers and Antenna Supporting Structures as adopted by the Connecticut State Building Code effective October 1, 2016;
2. Reinforcements shall be installed in accordance with the Structural Analysis Report and associated drawings prepared by Paul J. Ford and Company dated August 29, 2016 and stamped by James R. Antoszewski or subsequent Structural Analysis Report in accordance with Revision G as stated in the condition above;
3. Within 45 days following completion of equipment installation, T-Mobile shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the structural analysis;
4. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
5. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. 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;
8. The validity of this action shall expire one year from the date of this letter; and
9. 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 November 13, 2017 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 June 28, 2017.

Sincerely,



Samuel Simons, Engineering Development - Connecticut

cc: Mark Richard, Engineering and Operations

Date: November 13, 2017

Sheldon Freinle
Project Manager
Northeast Site Solutions
199 Brickyard Road
Farmington, CT 06032

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: CT11356C
CT Siting Council ID: EM-T-Mobile-103-160921

Engineering Firm Designation: Paul J Ford and Company Project #: 79917-0001.001.6100
Re: 31216-0025.002.6125

Site Data: 2 Willruss St, Norwalk, Fairfield County, CT
94 Foot – CL&P Transmission Tower #1102

Dear Sheldon Freinle,

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, ANSI/TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, and the National Electrical Safety Code (NESC) C2-2007.

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

Per the Paul J. Ford and Company structural analysis referenced herein, modifications to the tower were to be completed prior to installation of the equipment. The proposed modifications were detailed in structural design drawings prepared by Paul J. Ford and Company, [project no. 31216-0025.002.6125, dated August 29, 2016]. As-built redlines and project photos have been provided by Northeast Site Solutions for review. Based on the documentation provided, the proposed modifications have been installed as specified in the design drawings with the following deviation.

1. Per detail 3/S-1, the horizontal member L2 ½ x 2 ½ x 3/16" was designed to have a 1 bolt connection at the leg member. Based on photos provided, 2 bolts were installed at the connection to the leg member. PJF has reviewed this deviation and determined that it is acceptable per the loading conditions evaluated.

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:

Chad Hines, P.E., S.E.
Engineering Manager
chines@pjfweb.com



11/13/2017

Table 1 – Proposed Antenna and Cable Information

Mounting Level (feet)	Center Line Elevation (feet)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (inches)	Note
114	114	3	Commscope	RV4PX306R (Penta)	18	1-1/4	1

Notes:

- 1) South Mast

Table 2 – Existing and Reserved Antenna and Cable Information

Mounting Level (feet)	Center Line Elevation (feet)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (inches)	Note
114	114	3	RFS	APX16DWV-16DWV-S-E-A20	12	1-1/4	2
114	114	-	-	-	6	1-1/4	1
114	114	1	Microflex	Tri-Sector Mount	-	-	1
105	105	3	KMW	AM-X-CD-14-65	6	1-1/4	1
105	105	3	Powerwave	TTAW-07BP111-001 (TMA)	-	-	1
105	105	1	Microflex	Tri-Sector Mount	-	-	1
104	104	3	Powerwave	7770	6	1-1/4	2
104	104	3	Powerwave	TT19-08BP111-001 (TMA)	-	-	2
104	104	1	Microflex	Tri-Sector Mount	-	-	2

Notes:

- 1) South Mast
- 2) North Mast