



10 INDUSTRIAL AVENUE, SUITE 3
MAHWAH, NJ 07430

PHONE: 201.684.0055
FAX: 201.684.0066

October 27, 2016

Attorney Melanie Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: EM-T-Mobile-025-160503
T-Mobile Site Id CTNH303A
229 Chesire Road, Prospect, CT
Notice of Construction Complete

Dear Attorney Bachman,

This office represents T-Mobile Northeast LLC ("T-Mobile") and has been retained to notify the Connecticut Siting Council ("Council") that the exempt modification decision conditions have been met and constructed in accordance with the documentation provided at the time of filing.

The Council acknowledged the above referenced T-Mobile notice of exempt modification on May 20, 2016.

The Council imposed the following condition in its acknowledgment:

- 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 Report.

The attached Statement of Special Inspections provides evidence of compliance with the conditions outlined by the Council.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jennifer Dupont', is written over a light blue horizontal line.

Jennifer Dupont
Project Coordinator
Transcend Wireless LLC on behalf of T-Mobile
10 Industrial Ave, Suite 3
Mahwah, NJ 07430

Final Report of Special Inspections

Project: *T-Mobile 700MHz – CTNH303A*
Building Permit: *7570*
Exempt Mod. No. *EM-T-MOBILE-025-160503*
Location: *229 Cheshire Road*
Prospect, CT 06712
Owner: *T-Mobile Northeast, LLC*
Owner's Address: *35 Griffin Road South*
Bloomfield, CT 06002
Engineer of Record: *Thomas E. Johnson (Civil)*
ProTerra Design Group, LLC

To the best of my information, knowledge and belief, no special inspections were required for this project. A general visual inspection from ground level of completed construction has been performed as noted in the attached field inspection report and all discovered discrepancies have been reported and resolved.

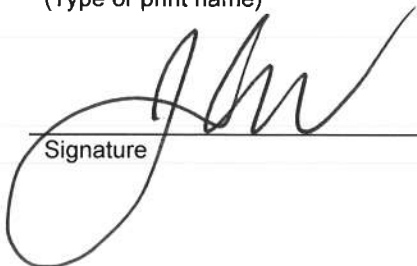
Based on my knowledge, information and belief the completed construction substantially conforms to the following:

1. Final Construction Drawings prepared by ProTerra Design Group, LLC revised through February 29, 2016.
2. Passing Post-Mod Structural Analysis prepared by Tower Engineering Solutions dated April 5, 2016.
3. Passing Post-Mod Inspection Report prepared by Tower Engineering Solutions dated July 25, 2016.

All deviations from the approved plans do not endanger the intended occupancy of the facility and equipment substitutions are approved as equivalent to the original specifications. Construction has been satisfactorily completed.

Respectfully submitted,
ProTerra Design Group, LLC

Jesse M. Moreno, P.E.
(Type or print name)


Signature

10-21-16
Date





PREPARED BY: ProTerra Design Group, LLC
 4 Bay Road
 Building A; Suite 200
 Hadley, MA 01035

SUBMITTED: Mr. Bryan Bakis, P.E.
TO: Design and A&E
 Implementation Manager
 SBA Communications Corp.
 134 Flanders Rd., Suite 125
 Westborough, MA 01581

FIELD INSPECTION REPORT		
<u>INSPECTION DATE</u> September 29, 2016		<u>JOB NO.</u> 15-001
<u>REPORT ISSUE DATE</u>	<u>REVISION</u>	<u>COMMENTS</u>
10/13/2016	0	Punchlist
10/21/2016	1	FINAL – Deficiencies Resolved
<u>PROJECT</u>		
T-Mobile L700 Alteration (Permit No.: 7570)		
T-Mobile Site Name: EAST PROSPECT		
T-Mobile Site No.: CTNH303A		
229 Cheshire Road		
Prospect, CT 06712		
<u>CONTRACTOR</u>		<u>OWNER</u>
Northeast Towers, Inc.		T-Mobile Northeast, LLC
<u>WEATHER</u>		<u>TIME</u>
Clear, 70° F		12:00 PM
<u>PRESENT AT SITE</u>		<u>ORGANIZATION</u>
Victor Moreno		Contractor of ProTerra Design Group, LLC

The following report documents a visual inspection from ground level of completed construction for general conformance with **T-Mobile L700 Alteration** construction drawings prepared by ProTerra Design Group, LLC revised through 2/29/2016.

The following items have been completed in general conformance to plans:

- 1) One alternate three sector T-Arm antenna mount assembly kit was installed and secured to existing monopole. The new mount appears to be a SitePro1 UDS-NPL which is an acceptable substitution at this site and has been approved by the tower owner. The existing antenna mount has been removed.
- 2) Three T-Mobile L700 panel antennas (one per sector) have been installed on new pipe mounts.
- 3) Three T-Mobile AIR antennas (one per sector) have been installed on new pipe mounts.
- 4) One T-Mobile RRU has been installed behind each of the six new antennas (six RRUs total).
- 5) Three existing T-Mobile antennas (one per sector) have been removed.
- 6) The existing twelve coax cables have been removed and one new hybrid cable has been run from the ground level equipment up the exterior of the existing monopole up to the antenna level.

- 7) The existing 50A-2P breaker proposed to be removed and replaced as shown in the construction drawings has not been replaced. The 50A breaker remains in the breaker panel and has been turned off. A new additional 80A-2P breaker has been installed to feed the 6131 cabinet upgrade in-lieu of replacing the existing 50A breaker. The existing 60A-2P breaker feeding the S12000 cabinet has been turned off. It is assumed that the electrical work was completed by a licensed electrician, conductors have been sized and upgraded accordingly, and a permit has been pulled and signed off on by the authority having jurisdiction as required.

The following item requires additional information / corrective action as required: *Acceptable contractor resolution denoted below in bold green italic print below.*


- 1) The existing 50A breaker remaining in the off position noted previously appears to have fed the 3106 cabinet which has been upgraded to the 3161 configuration. Conductors are still connected to the 50A breaker and could be accidentally energized. It appears this cabinet is fed via two sets of conductors that are connected to the existing 50A and new 80A breakers respectively.

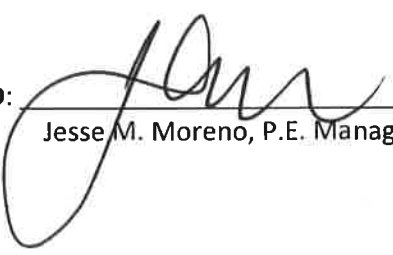
The contractor shall verify the conductors connected to the 50A breaker are not in use and confirm their termination location. If not in use, the conductors fed via the 50A breaker shall be disconnected. The 50A breaker and associated conductors shall be removed and knockout covers shall be installed within the breaker panel. The contractor shall provide photographs and confirmation of repairs as required.


Contractor returned to the site and removed the 50 amp breaker and installed knock blank covers in the existing breaker panel. The contractor provided a photograph of the completed repair. This is acceptable, deficiency was resolved.

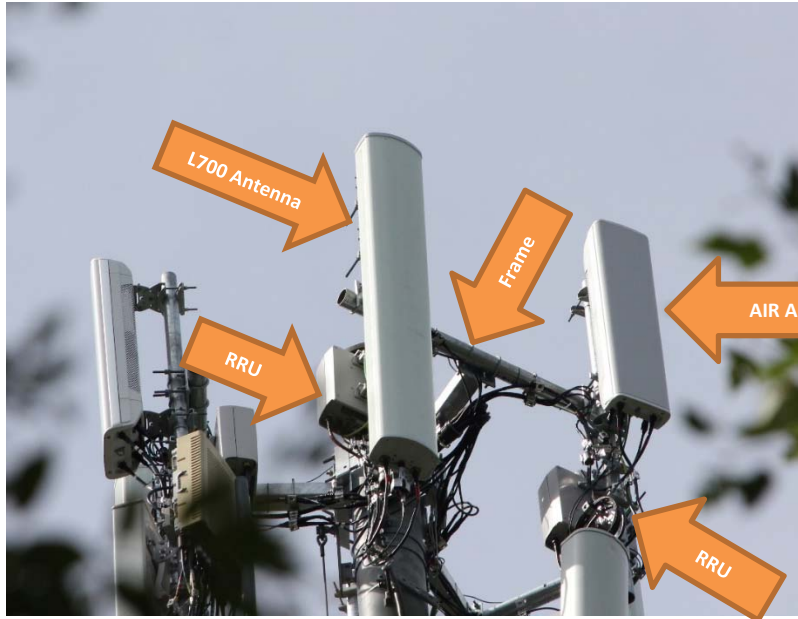
The comments in this field report are a record of observations made on site. If there are any errors or omissions please notify ProTerra Design Group, LLC in writing or all comments and all parties shall consider this report factual and acceptable.

COPIES TO: File

SUBMITTED: 
James Gruber, Project Engineer

REVIEWED: 
Jesse M. Moreno, P.E. Managing Partner





Typical T-Mobile sector



T-Mobile Equipment Area



T-Mobile Breaker Panel - BEFORE



3106 with 6131 upgrade



50A Breaker Removed – AFTER (Contractor Photo)

TOWN OF PROSPECT, CONN.
BUILDING PERMIT
DEMOLITION PERMIT

NUMBER: 7570

Estimated Cost

(structural, painting, etc.) \$15,000.00

Fee \$135.00

Date: Wednesday, May 18, 2016

Permission is hereby granted to Northeast Towers, Inc.

At 229 Cheshire Road

to Install 6 Newer Cell Antennas - remove 3 old ones


Owner of Building SBA Towers

Contractor: Northeast Towers, Inc.

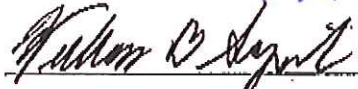
Home Improvement Contractor's Lic.#

The recipient of this permit accepts this permit on the condition that he, as owner or as representing the owner, agrees to comply with all building and zoning regulations of the Town of Prospect and the State Statutes of the State of Connecticut regarding the use, occupancy and type of building to be constructed.

Owner of Building or Agent

 - 6/2/16

Signed



BUILDING DEPARTMENT, TOWN OF PROSPECT, CONN.

Building Official