



September 22, 2022

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

EM-T-MOBILE-066-220603

T-Mobile Site ID CT11367C

123 Campville Hill Road Harwinton, CT

Notice of Compliance with Conditions and Construction Completion

Dear Attorney Bachman:

The T-Mobile site referenced above was approved by The Connecticut Siting Council (Council) on July 18, 2022 as an Exempt Modification. T-Mobile is now requesting the close out of the approval and hereby acknowledges the following conditions were met:

1. Prior to T-Mobile's antenna installation, antenna mount modifications shall be installed in accordance with the Mount Analysis prepared by Trylon, dated April 11, 2022 and stamped and signed by Cliff Abernathy;
2. 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 Mount Analysis;
3. Any deviation from the proposed modification as specified in this notice and supporting materials submitted to the Council shall render this acknowledgement invalid;
4. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;



5. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
6. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
7. Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable;
8. Any nonfunctioning antenna and associated antenna mounting equipment, or other equipment at this facility owned and operated by T-Mobile shall be removed within 60 days of the date the antenna or equipment ceased to function;
9. The validity of this action shall expire one year from the date of this letter; and
10. 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 September 19, 2022 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 was completed as of September 25, 2022.

Sincerely,

Victoria Masse

Victoria Masse
Zoning and Permitting
Northeast Site Solutions



Post Inspection Letter

Trylon Project # 215844

September 19, 2022

Project Information	
Client	Northeast Site Solutions
Carrier Name	T-Mobile
Carrier Site ID	CT11367C
Carrier Site Name	LITCHFIELD1/RT 8
Site Address	123 Campville Hill Rd., Harwinton, CT 06791
Site Coordinates	41.736746, -73.097065
Structure Type	Monopole
Structure Height	177.0 ft

STRUCTURE RATING =

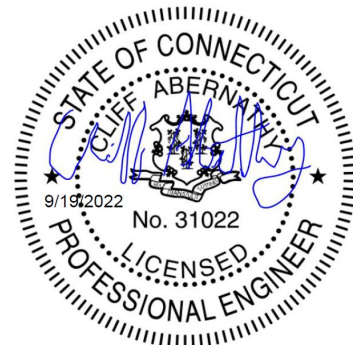
ADEQUATE

Analysis Performed by:

Arienna Lee Wilson-Muller, E.I.

Reviewed and Approved by:

Cliff Abernathy, P.E.



Post Inspection Letter

Subject: Assessment of the Existing 177.0 ft Monopole Mount Equipment Installation.

Dear Northeast Site Solutions,

We have been provided with RF information, photos and sketches of the structure for the above referenced sites. T-Mobile is proposing to change the equipment configuration on the Existing mounting hardware.

A revised antenna, coax and miscellaneous equipment schematic have been provided to us. We have been asked to evaluate this information to determine whether the Monopole is adequate to safely support the proposed loading change. The structural assessment refers to the building located at specified address.

This assessment is an opinion only, based on a review of the information provided. This opinion shall not be construed as a full structural analysis of the existing structure or mounting hardware. The purpose of this assessment is to provide consulting services and advise whether the Existing Monopole should be further investigated for structural integrity. A further structural investigation would consist of actual calculations and computer modeling of the existing mounting hardware in accordance with the latest building code.

1. Source Data

Document Type	Source	Reference	Date
RFDS	T-Mobile	Site ID: CT11367C	March 9, 2022
Structural Analysis	B+T Group	Project No: 83609.012.01	April 14, 2022
Mount Analysis	Trylon		

2. Analysis Criteria

Adopted Codes and Site Parameters	
Building Code / Local Code	2015 IBC / 2018 Connecticut State Building Code
Code Standard	TIA-222-H
Design Wind Speed (mph)	117
Design Wind Speed with Ice (mph)	50
Design Ice Thickness (in)	1.5
Risk Category	II
Exposure Category	B
Topographic Factor, K_{zt}	1.0
Seismic Response Acceleration, S_s (g)	0.184
Seismic Response Acceleration, S_1 (g)	0.065

3. Assumptions

- 1) We assume that the structure has been studied for structural integrity and that the carrier equipment has been included in any structural study indicating that the building is adequate to support its overall and total load.
- 2) The mount hardware has appropriate strength and that it has been proven adequate to support the existing loading.
- 3) All structural members and their connections are in good condition and are free of defects with no deterioration to their structural capacities.

This assessment may not be valid if any of the assumptions and statements are found not to be accurate and Trylon should be contacted immediately.

4. Conclusions and Recommendations

The mount and antennas detailed in the mount analysis by Trylon, dated April 11, 2022, and the structural analysis by B+T Ground dated April 14, 2022, were installed correctly according to the photos dated July 22, 2022.

Should you have any questions, comments, or require additional information, please do not hesitate to call.

Sincerely,

Assessment Performed by:

Arienna Lee Wilson-Muller, E.I.

Reviewed and Approved by:

Cliff Abernathy, P.E.