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**ENGINEERING FINAL AFFIDAVIT**

L600 Upgrade

**CT11473A**

Waterford/RT-85/Douglas

**ADDRESS:**

45 Fargo Road  
Waterford, CT 06385

**DATE:**

March 15, 2022



March 15, 2022

**T-Mobile Northeast LLC**

15 Commerce Way, Suite B  
Norton, MA 02766

**Reference: Engineering Field Visit and Completion Affidavit  
Site CT11473D – Waterford/RT-85/Douglas  
45 Fargo Road, Waterford, CT 06385  
CEA Job Number 1815.088**

**Site Description:**

The site is located at an existing telecommunications compound in Waterford, Connecticut. The site includes ground level equipment mounted to a concrete pad, as well as antennas, RRHs & ancillary equipment mounted to the monopole on mounting frame. (1) New handrail kit, (3) New panel antennas & (3) new RRHs mounted to the modified mounting frame, replacing (3) existing antennas & (3) existing RRHs. (3) New signal cables routed along the existing cable path from the equipment area to the antenna arrays. New radio equipment was installed within the existing radio equipment cabinet mounted to the existing concrete. (1) Existing cabinet was replaced by (1) generator, plans designed by others. All the new equipment was tied into the existing ground system on site. Existing site telco & power were utilized for the upgrade.

**Engineering Field Visit**

Based on photographs taken by others during September 2021, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment described above is in general conformance to the engineering construction documents (Revision #2 "Revised Construction" dated 06/17/21). The following site photos and field visit form documents the installation, and the enclosed Final Construction Control Document is attached as requested.

Very truly yours,  
CHAPPELL ENGINEERING ASSOCIATES, LLC



Clement J. Salek, P.E.

# Final Report of Special Inspections

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Project: CT11473A - Waterford/RT-85/Douglas  
Location: 45 Fargo Road, Waterford, CT 06385  
Owner: Rudolph T. Chieka, Trustee  
Owner's Address: 199 Niantic River  
Waterford, CT 06385  
Architect of Record: N/A  
Structural Engineer of Record: Chappell Engineering Associates

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments: Based on photographs taken by others during September 2021, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment is in general conformance to the engineering construction documents (Revision #2 "Revised Construction" dated 06/17/21).

*(Attach continuation sheets if required to complete the description of corrections.)*

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,  
Special Inspector

Clement J. Salek  
(Type or print name)

\_\_\_\_\_  
Signature 03/15/22  
Date



# Final Report of Special Inspections

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## Agent's Final Report

Project: *CT11150D - Norwich/I-395 X83*

Agent: *Clement J. Salek*

Special Inspector: *Christopher Wilson*

To the best of my information, knowledge and belief, the Special Inspections or testing required for this project, and designated for this Agent in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved other than the following:

Comments: *Based on photographs taken by others during September 2021, Chappell Engineering Associates, LLC (CEA) has verified the newly installed T-Mobile equipment is in general conformance to the engineering construction documents (Revision #2 "Revised Construction" dated 06/17/21).*

*(Attach continuation sheets if required to complete the description of corrections.)*

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,  
Agent of the Special Inspector

*Clement J. Salek*  
\_\_\_\_\_  
(Type or print name)

\_\_\_\_\_  
Signature

*03/15/22*  
\_\_\_\_\_  
Date



Licensed Professional Seal or Certification



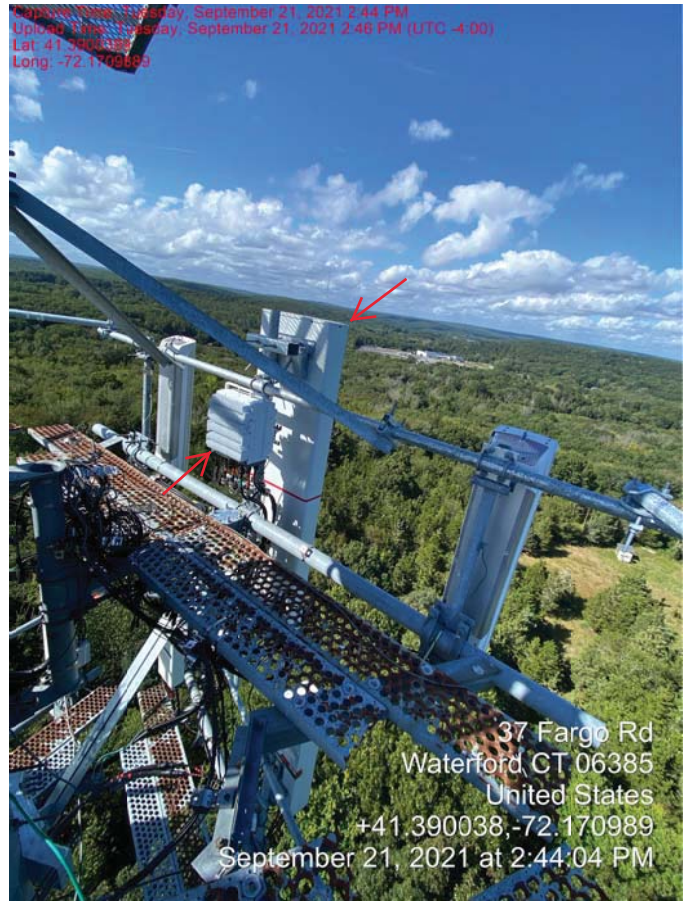
New Radio Equipment Installed Within Existing Cabinet On Existing Concrete Pad  
(Generator Add Plans Done By Others)



(3) New Signal Cables Run Along Existing Ice Bridge From Existing Cabinet On Existing Concrete Pad Antenna Array



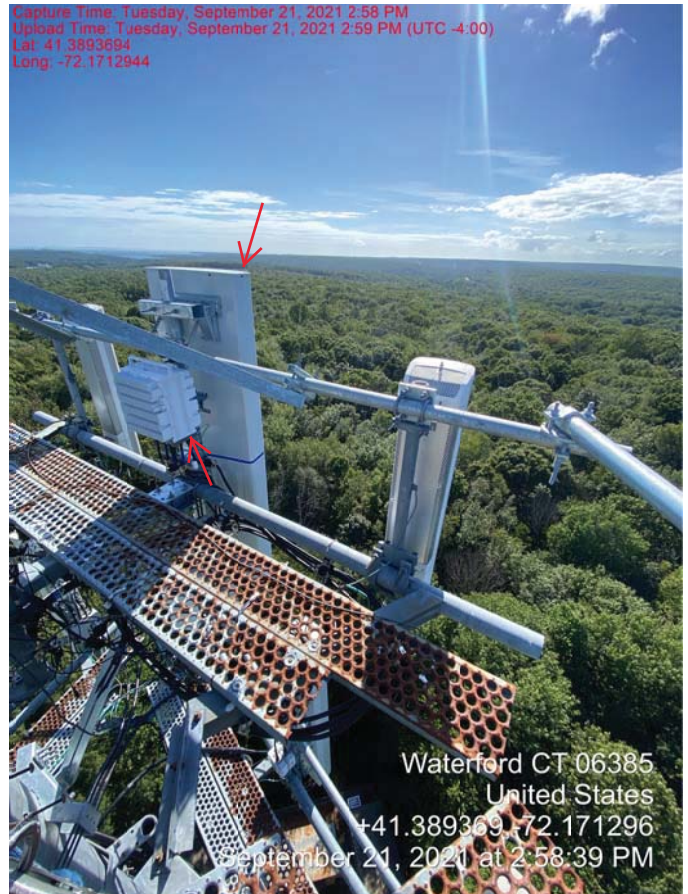
(1) New Handrail Kit, (3) New Antennas & (3) New RRHs Mounted To Existing Frame On Existing Monopole



Alpha Sector: (1) New Antenna & (1) New RRH Mounted To Existing Frame On Existing Monopole



Beta Sector: (1) New Antenna & (1) New RRH Mounted To Existing Frame On Existing Monopole



Gamma Sector: (1) New Antenna & (1) New RRH Mounted To Existing Frame On Existing Monopole