

February 15, 2017

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

Re: **EM-VER-169-170117– Cellco Partnership d/b/a Verizon Wireless  
40 Sherman Road, Woodstock, Connecticut**

Dear Ms. Bachman:

This letter is in response to your February 7, 2017 request for additional information and clarification regarding the above-referenced notice of exempt modification. I have confirmed that the Structural Evaluation letter submitted with the EM-VER-169-170117 filing was correct. There is currently one fiber optic antenna cable in use at this cell site and one additional fiber optic cable is proposed to be installed as a part of this facility modification proposal. Also, as requested, a stamped copy of the Structural Evaluation letter is enclosed.

Please contact me if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

Enclosure

Copy to:

Allan D. Walker, Jr., Woodstock First Selectman  
Colin G. Hallquest  
ATC  
Tim Parks

16162067-v1



**AMERICAN TOWER<sup>®</sup>**  
CORPORATION

| Structural Evaluation      |   |
|----------------------------|---|
| ATC Site Number & Name     | 415439, Woodstock Nw Pcs CT, CT   |
| Carrier Site Number & Name | N/A, Woodstock NW   |
| Site Location              | 40 Sherman Road<br>Woodstock, CT 06281-1901, Windham County<br>41.978611 N / -72.094444 W |
| Tower Description          | 140 ft Monopole   |
| Basic Wind Speed           | 101 mph (3-Second Gust, $V_{asd}$ ) / 130 mph (3-Second Gust, $V_{ult}$ )                 |
| Basic Wind Speed w/ Ice    | 50 mph (3-Second Gust) w/ 1" ice  |
| Code                       | ANSI/TIA-222-G / 2012 IBC / 2016 Connecticut State Building Code                          |

**Existing and Reserved Equipment**

| Elevation <sup>1</sup> (ft) |                         | Qty | Antenna                          | Mount Type           | Lines  | Carrier       |
|-----------------------------|-------------------------|-----|----------------------------------|----------------------|--|---------------|
| Mount                       | RAD                     |     |                                  |                      |  |               |
| 136.0                       | 137.0                   | 6   | Andrew HBXX-6517DS-A2M           | Low Profile Platform | (11) 1 5/8" Coax<br>(1) 1 5/8" Hybriflex                       | Verizon       |
|                             |                         | 1   | RFS DB-T1-6Z-8AB-OZ              |                      |  |               |
|                             |                         | 3   | Commscope LNX-8514DS-A1M         |                      |  |               |
|                             | 136.0                   | 1   | VZW Unused Reserve: 13,031 sq in |                      |  |               |
| 127.0                       | 127.0                   | 9   | RCU                              | -                    | (12) 1 5/8" Coax<br>(4) 0.78" 8 AWG 6<br>(2) 0.39" Fiber Trunk | AT&T Mobility |
|                             |                         | 9   | Powerwave TT08-19DB111-001       |                      |  |               |
|                             |                         | 2   | Raycap DC6-48-60-18-8F           |                      |  |               |
|                             |                         | 12  | Ericsson RRUS-11                 |                      |  |               |
|                             |                         | 9   | Powerwave 7770.00                |                      |  |               |
|                             |                         | 2   | KMW AM-X-CD-17-65-00T-RET        |                      |  |               |
| 1                           | Powerwave P65-17-XLH-RR |     |                                  |                      |  |               |

**Equipment to be Removed**

| Elevation <sup>1</sup> (ft) |       | Qty | Antenna   | Mount Type | Lines           | Carrier |
|-----------------------------|-------|-----|---|------------|-----------------|---------|
| Mount                       | RAD   |     |   |            |                 |         |
| 137.0                       | 137.0 | 3   | Antel BXA-70063-6CF-EDIN-X                          | -          | (1) 1 5/8" Coax | Verizon |
|                             |       | 3   | Alcatel-Lucent RRH2x60 - AWS Band 4<br>(20" Height) |            |                 |         |

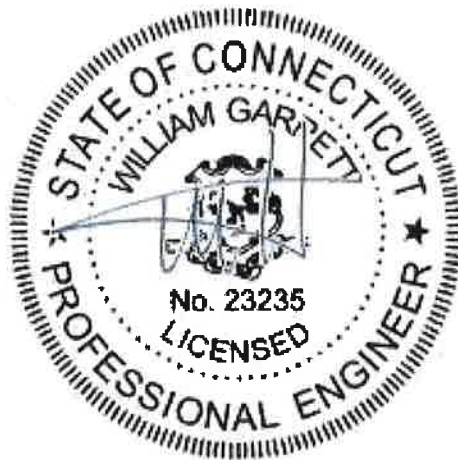
**Proposed Equipment**


| Elevation <sup>1</sup> (ft) |       | Qty                          | Antenna                     | Mount Type           | Lines                | Carrier |
|-----------------------------|-------|------------------------------|-----------------------------|----------------------|----------------------|---------|
| Mount                       | RAD   |                              |                             |                      |                      |         |
| 136.0                       | 139.0 | 3                            | Alcatel-Lucent RRH2X60-1900 | Low Profile Platform | (1) 1 5/8" Hybriflex | Verizon |
|                             |       | 1                            | RFS DB-T1-6Z-8AB-0Z         |                      |                      |         |
|                             |       | 3                            | Antel QUAD656C0000X         |                      |                      |         |
| 137.0                       | 3     | Alcatel-Lucent RRH2x60 700   |                             |                      |                      |         |
|                             | 3     | Alcatel-Lucent AWS4 4x45 RRH |                             |                      |                      |         |

<sup>1</sup>Mount elevation is defined as height above bottom of steel structure to bottom of mount, RAD elevation is defined as center of antenna above grade level (AGL).

Install proposed coax inside of the pole shaft.

The existing and proposed loads listed in the tables above are compared to the tower's current design capacity or previous structural analysis. The tower should be re-evaluated as future loads are added or if actual loads are found different from those listed in the tables. The subject tower and foundation **are adequate** to support the above stated loads in conformance with specified requirements.



Feb 9 2017 1:50 PM 

IPD/AMS