



March 19, 2015



400 Friberg Parkway
Westborough, MA 01581

RE: **Structural Assessment**
Site Name: Monument Square
Site Address: 1 Monument Square
Portland, ME 04101

To Whom It May Concern:

Hudson Design Group LLC (HDG) has been authorized by Verizon Wireless to perform a structural assessment on the existing/proposed antenna mounts located at the above referenced site.

Based on our evaluation, we have determined that the existing/proposed antenna mounts **ARE CAPABLE** of supporting the proposed antenna/RRH loading at or near the proposed locations. Reference the latest HDG construction drawings for the antenna locations and the minimum ballast requirements.

This assessment was conducted in accordance with the EIA/TIA-222-G, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, the International Building Code 2009, and the ASCE 7-05.

This determination was based on the following limitations and assumptions:

1. Equipment and locations should not deviate from the construction drawings without written approval of the engineer.
2. HDG is not responsible for any modifications completed prior to and hereafter which HDG was not directly involved.
3. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.
4. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer requirements.
5. All components supporting the Verizon equipment are assumed to be designed to all applicable codes and design for identical to or larger than the current loads.
6. HDG is under the assumption that the antenna ballast mounts have been located over adequate structural supports.

Please feel free to contact our office should you have any questions.

Respectfully Submitted,
Hudson Design Group LLC

Michael Cabral
Structural Dept. Head



Daniel P. Hamm, PE
Principal