

EXHIBIT 5

Exhibit 24

OZAH Case No:CU25-05

MORRIS & RITCHIE ASSOCIATES, INC.

ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS,
AND LANDSCAPE ARCHITECTS



November 12, 2024

Mr. Carl James
Verizon Wireless
10170 Junction Drive, Suite 300
Annapolis Junction, Maryland 20701

Re: Verizon Wireless – Woodside Temp Relo
Corner of I-495 and SR97
Silver Spring, MD 20910
Latitude: 39° 00' 50.66" N, Longitude: 77° 02' 34.72" W
MRA Project No. 10427.3529

Dear Carl:

The purpose of this letter is to certify that the temporary 150'-0" monopole structure (+2'-0" base assembly) will be designed by the manufacturer to meet the requirements of the 2018 International Building Code (2018 IBC) and the ANSI/TIA-222-H Standard.

Per the TIA-222-H Standard, ASCE 7-16, and 2018 IBC requirements, the monopole will be designed under the following minimum loading conditions:

DESIGN CRITERIA	
Risk Category:	II
Basic Wind Speed without Ice:	113 mph (3-sec. gust) + No Ice
Basic Wind Speed with Ice:	40 mph (3-sec. gust) + 1" Radial Ice
Exposure Category:	B
Topographic Category:	1
Ground Elevation (AMSL):	372 ft
Site Class:	D (by default)
Allowable Soil Bearing Pressure:	1,500 psf (IBC Table 1806.2)
Soil Coefficient of Friction:	0.25 (IBC Table 1806.2)

Note: The monopole shall also be designed to resist seismic loading per TIA-222-H in conjunction with site specific soil parameters determined from a geotechnical investigation.

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The proposed temporary structure consists of a 150'-0" tall monopole on a 20'W x 20'L x 2'H steel base assembly located within an open area within the Maryland State Highway Administration (MDSHA) Right of Way. This monopole will serve as a temporary structure for multiple wireless carriers to supplement coverage in the existing area while an existing telecommunications site on a nearby water tower will be temporarily offline while the water tower structure is undergoing maintenance and repairs.

We also note that in addition to the above, the temporary monopole will be designed to support a minimum of two (2) wireless carriers with centerline elevations of 146'-0" and 136'-0" above grade level as well as one (1) future carrier with a centerline elevation of 126'-0" above grade level for the reception and transmission of telecommunications.

Monopole design documents shall be submitted as part of the Building Permit submission. If you should have any questions or require any additional information, please do not hesitate to call our office.

Sincerely,
MORRIS & RITCHIE ASSOCIATES, INC.



Alexander J. Leadore, P.E.
Senior Structural Engineer



Richard J. Dyer, P.E., S.E.
Principal