

10/14/2020

Nick Johnson  
Planner, City of Bloomington  
1800 West Old Shakopee Road  
Bloomington, MN 55431

RE: Formal CUP Submittal Application for a 30-foot pole install -10801 Bush Lake Road, Bloomington, MN Verizon Network Facility

Dear Nick Johnson,

Enclosed please find an application, site sketch, and drawings detailing a proposed installation of a 30' pole at the Verizon Wireless facility located at 10801 Bush Lake Road – PID 3211621330113. Verizon is seeking a conditional use permit (CUP) to proceed to building permit application for the proposed project.

Verizon proposes installing a 30' ballasted pole to hold small-cell testing antennas and radios. The intent of the testing antennas will be to transmit and receive only to antennas located on the facility property. There is no anticipated benefit to cellular customers in the area. This proposed installation will not generate any noise, and all base equipment is located interior. This application is not related whatsoever to the facility expansion application managed by a different department within Verizon. The applicant believes the pole request meets the requirements of a CUP. Per the code, the applicant provides the following responses to the co-location requirements.

(c) Co-location requirements. All commercial wireless telecommunication towers erected, constructed or located within the city shall comply with the following requirements.

(1) A proposal for a new commercial wireless telecommunication service tower shall not be approved unless the City Council finds that the telecommunications equipment planned for the proposed tower cannot be accommodated on an existing or approved tower or building within a one-mile search radius (one-half mile search radius for towers under 120 feet in height, one-quarter mile search radius for towers under 80 feet in height) of the proposed tower due to one or more of the following reasons:

(a) The planned equipment would exceed the structural capacity of the existing or approved tower or building, as documented by a qualified and licensed professional engineer, and the existing or approved tower cannot be reinforced, modified or replaced to accommodate planned or equivalent equipment at a reasonable cost;

***Applicant response:*** *The amount of equipment Verizon requires for this small cell antenna-testing pole prohibits the use of an existing light pole, and an adequate height rooftop area is not available. A light pole would not be structurally suitable to hold the amount of equipment. This proposed pole contains more antennas and radios than a typical small cell project. Not only is there not a light pole in the area Verizon would need one, a replacement light pole built to structurally hold the quantity of*

*antennas and radios is cost prohibitive. There are no existing cellular towers in ¼-mile radius of the proposed.*

(b) The planned equipment would cause interference materially impacting the usability of other existing or planned equipment at the tower or building as documented by a qualified and licensed professional engineer and the interference cannot be prevented at a reasonable cost;

***Applicant response:*** *Not applicable.*

(c) Existing or approved towers and buildings within the search radius cannot accommodate the planned equipment at a height necessary to function reasonably as documented by a qualified and licensed professional engineer; and/or

***Applicant response:*** *The height of nearby rooftops will not be suitable for locating antennas due to the lack of height required and general location. Specifically for antenna-testing purposes, Verizon needs to be a precise distance between testing antennas in order to produce accurate testing results. The pole antennas are wirelessly connecting to garage rooftop antennas, of which a development plan is currently under review PL202000173.*

(d) Other unforeseen reasons that make it infeasible to locate the planned telecommunications equipment upon an existing or approved tower or building.

***Applicant response:*** *Verizon requires this small cell pole for antenna testing purposes. Due to the proprietary equipment used, the need for 24 hour a day 7 day a week attention, the number of testing scenarios in sequence, and the precise location needed between testing antennas Verizon needs the tower to be located on Verizon property and within a certain area in order to produce accurate testing results.*

The attached site sketch and drawings include the size details of all equipment. Also included is an artist rendering on sheet SS-3 and a photo simulation set.

The work will start immediately upon receipt of the conditional use permit and building permit.

I welcome a phone call or video meeting to answer any questions. Thank you for your time to review this proposal.

Respectfully,



Julie Plante | Wireless Real Estate

PLANTE CONSULTING

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