

Purpose of Application

Several years ago Verizon Wireless acquired Mohave Cellular. Since the acquisition, Verizon has worked to incorporate Mohave Cellular into the Verizon Wireless network. In an on-going effort to improve in-building coverage and capacity in Lake Havasu City, Verizon is proposing to collocate antennas on an existing SBA Communications monopole on Jamaica, about 1,000' northeast of Acoma. The main objectives of this site are to improve in-building coverage and capacity in the homes and businesses in this area.

Verizon has been receiving complaints of poor call quality, dropped calls and poor data speed from residents, travelers and workers in this region. Modifications have been made to all of the existing sites throughout Lake Havasu City and the surrounding area. Once the existing sites in the area were upgraded Verizon began working on several new sites in Lake Havasu City to improve the network. Due to foresight on the part of SBA in the early 2000's there are already poles almost ideally spaced for coverage throughout the City. Verizon is already collocated on several of the SBA monopoles. This location will be one of several more Verizon collocations to be proposed within the next few years.

Site Description

The subject parcel is just less than 5 acres and owned by Assemblies of God. It is used for a church and school facility. The portion of the parcel where the site is located has city water tanks to the north and homes to the east, south and west. It has been in use for quite some time. The communications site is closest to homes to the east and south.

The existing monopole was placed on site about 15 years ago. There have since been a couple of other carriers who have collocated on the structure under separate ZUPs. The existing pole is 105' tall.

Site History

Upon completion of network upgrades of existing Mohave Cellular sites, Verizon Wireless began working on placing a few additional sites within Lake Havasu City to improve capacity, in-building coverage and overall network reliability.

This search ring for a new site was issued by the engineer last year. It became apparent that due to elevation change and the locations of the nearest sites a new site would be needed in this part of town to help the network.

Due to the locations of the SBA sites throughout the City, the engineer was able to design his network around the existing SBA sites. This allows for the maximization of collocation and avoidance of new structures for the two additional sites Verizon will be proposing within the next few years.

Description of Proposal

The proposed site development includes placement of 12 panel antennas and associated equipment at 95' centerline on the existing 105' monopole. These antennas will not extend the height of the current structure and will not extend out beyond the existing antennas on the structure. The visibility of this structure will not be significantly increased with this collocation of antennas.

The Verizon radio equipment will be secured in a State-approved pre-manufactured equipment shelter (12' x 17'). The shelter is typically a light brown in color but could be a specified brown or gray as needed. Adjacent to the shelter will be an emergency diesel generator. The shelter and emergency generator will be inside the existing SBA block-wall compound.

Access to the site is via the existing driveway from Jamaica Blvd S. and occurs every 4-6 weeks once the site is built. Power will be supplied to the existing meter frame on site and fiber service also appears to be on site.

Conclusion

Collocation on an existing monopole meets the Purpose and Intent of Section 14.40.110 of the Lake Havasu City Zoning Ordinance. We are requesting approval of a Zoning Use Permit for this proposed collocation for the maximum length of time available. This site will benefit residents, businesses, and visitors in the area and help forego new structures in this area.