SEQUOIA
DEPLOYMENT SERVICES, INC.

Wireless Telecommunication Facility

Project Description

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COMMUNITY DEVELOPMENT
PLANNING DEPT

Applicant: Sprint PCS Assets, LLC (Sprint)
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Irvine, CA 92602

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Site No.: LA03XC198 (2.5GHz Mod)

Location: 24900 Calabasas Road, Calabasas, CA 91302

Project Description

Sprint PCS Assets, LLC (Sprint) is requesting the review and approval of a WTF Modification for the modification of an existing wireless telecommunications facility mounted on the roof top of an existing building located at 24900 Calabasas Road. The modification to the facility will consist of the removal and replacement of antennas, the addition of remote radio units ("RRU") and fiber optic cables, and the upgrade and replacement of radio equipment cabinets, utility connections and other equipment that is part of the facility. The modification is an "Eligible Facilities Request" as defined in Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012.

The modification will consist of the installation of three (3) new panel antennas, three (3) new RRH's, three (3) new hybrid cables, four (4) new batteries within the existing battery rack located inside of the equipment shelter, one (1) new base band unit within the existing MMBTS cabinet located inside of the equipment shelter, and new FRP screen boxes to screen the proposed panel antennas. The new panel

antennas and RRH's will be placed immediately adjacent to the existing equipment on the roof top of the existing building and housed within FRP enclosures that will be painted and textured to match the existing antenna screens as well as the existing building. The proposed equipment, as stated above will be located within the existing equipment enclosure, and all proposed cabling will run along the existing utility routes inside of the cable tray already installed on site. The proposed modification will not drastically alter the aesthetics of the existing facility, as it will remain consistent with the wireless use currently located, and in operation on the subject property. All of the proposed work will take place behind the proposed FRP screening, and will therefore be imperceptible to the general public once the work is complete.

The Property and Permit Background

The property is zoned CL (Commercial Limited) and is home to commercial and wireless uses. The project site is currently developed with a golf course, driving range, and clubhouse on the property. It is fully developed with structures, pavement, landscaping, and drainage, with access to both the golf course and telecommunications uses from the public right-of-way. The existing wireless facility has been in operation since 1998 without causing any negative impact(s) to the existing or surrounding uses. Sprint's facility will continue operating, and continue complying with the standards set forth by the Federal Communications Commission with regards to Radio Frequency Emissions.

On March 17, 1998 the City of Calabasas permitted the use of the existing wireless facility under Site Plan Review 98-02. The approval allowed for the installation of eight (8) panel antennas in two (2) sectors, not exceed an overall height of 22'-0" above grade level (AGL). A subsequent approval was granted on July 16, 2013 by the Communications and Technology Commission to allow the installation of three (3) new panel antennas, and six (6) new RRH's under Resolution No. 2013-006. A copy of both of these approvals has submitted with this application for your reference.

Objective

The facility modification is needed to enable Sprint to remain competitive within the wireless industry and to provide data bandwidth meeting customer expectations. Sprint is adding LTE/AWS equipment to many of the existing sites within the Los Angeles Metro market footprint. This will provide customers increased data throughput, upgrading customer speed from the current 3G/4G technology. Initially

the modifications will deliver up to 50mb/s, nominally 15-20mb/s and within 2 years using software updates only, approaching 100mb/s to customer devices.

Sprint is working to meet the demand generated by the changing way that the public uses wireless telecommunications services. This demand is generated by the increasing number of people that use wireless telecommunications services not only for phone calls but for other types of communication such as texting and video conferencing as well as to receive all sorts of information and entertainment. In many cases wireless phones and devices have replaced "traditional" landline phones and have become the primary device and service used for communication including contacting emergency services in the form of 911 calls. Sprint is committed to providing quality and reliable service to meet this user demand. The RF propagation maps included with this application show the areas of deficient coverage that will be enhanced as a result of the operation of this facility.

About Sprint

As a licensee authorized by the Federal Communications Commission to provide wireless services in this region, Sprint must establish and maintain a network of wireless telecommunications facilities in the metropolitan area and beyond. Each wireless telecommunications facility, or base station, consists of transmitting and receiving antennas mounted on a communication tower or other suitable structure and electronic equipment cabinets. Each facility consists of radios for receiving and transmitting wireless communications and complex electronic equipment to operate the radios, interface with other cellular sites, provide connections to the landline telephone network, and link the facility with the main switching center.

Sprint will operate this facility in full compliance with the regulations and licensing requirements of the FCC, FAA, and CPUC as governed by the Telecommunications Act of 1996 and other applicable laws.

In order to meet the basic level of operational radio signal coverage, radio frequency (RF) engineers have designed a network of wireless telecommunications facilities for the area and routinely maintains and modifies the facilities to ensure they use the most up to date equipment and technology to provide the most reliable and high quality service possible. Due to increases in demand for wireless telecommunications services modifying the existing facilities does not always fix network coverage and capacity issues resulting in the need for the development of new wireless telecommunications facilities. However, the modification of existing facilities to meet demand is pursued first to minimize the overall number of facilities.

The wireless telecommunications facility is a passive use and will continue to have no negative impact on other properties in the surrounding area. The facility is unstaffed, and therefore will generate no additional foot traffic from customers or patrons associated with other types of commercial uses. After an initial modification construction period of 30 to 45 days, the only traffic generated will be for routine maintenance visits, typically once a month. There are no activities that will produce airborne emissions, odor, vibration, heat, glare, or noxious and toxic materials. All equipment and materials needed to operate the site are located in the equipment cabinets. The cellular site does not require water or sanitary facilities and therefore will generate no wastewater.

Maintenance Plan

Sprint uses a combination of remote monitoring and on site activity to maintain their wireless facilities. The remote monitoring is operational twenty-four hours a day, seven days a week, three hundred sixty-five days a year, continuously and monitors for the proper function of the facility as well as various silent alarms. In addition to the off-site monitoring a technician visits the site approximately once per month for maintenance. When a problem is found or maintenance is required the technician schedules the work appropriately in compliance with conditions of approval and lease agreements regarding maintenance timing and scope

Alternative Site Analysis

The City of Calabasas code requires that wireless telecommunications service providers supply a detailed alternative analysis that demonstrates that there are no feasible alternative sites available to eliminate or substantially reduce significant gaps in the applicant service provider's coverage or network capacity when a new site or a modification is proposed. The proposed project is not a new site and is a modification to an existing wireless telecommunications facility. The modification is an "Eligible Facilities Request" as defined in Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012, thus no further discussion is needed to address this topic. Further, all other properties within a quarter mile radius of the subject property are single and multi-family residential uses and therefore cannot be considered viable candidates.

Additionally, based on the findings as stated in the approvals for Site Plan Review 98-02 and Resolution No. 2013-006 the Communications and Technology Commission has agreed that this is in fact the most desirable location for placement of a wireless telecommunications facility in the area. The proposed location is consistent with the

City of Calabasas General Plan, and not detrimental or incompatible with the other permitted uses in the vicinity. Further, the proposed modification will not result in conditions or circumstances contrary to the public health, safety, and general welfare.