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April 4, 2019

PROJECT REQUEST LETTER

Crown Castle Small Cell
3757 KERNER BLVD, SAN RAFAEL
Crown Castle Project ID: [SFB002m1](#) / [SF90XS3T6](#)

Nature of Request

On behalf of Crown Castle Fiber, this letter and attached materials are to apply for a Cellular Telecommunications Facility Use Permit to install a small cell wireless facility at the above-mentioned location.

The following is a project description of the designed facility, the project purpose and justifications in support of this proposal.

Property Location

The Project site is located at on the west side of Kerner Blvd. This is public Right of way within City of San Rafael.

Project Description

The proposed location for our facility currently consists of a 42'-3" utility pole on the west side of Kerner Blvd. This is an existing wooden JPA pole that will house the new facility.

Crown Castle proposes to place an antenna, within a radome, and affix the antenna at 27'-10" making the centerline of the antenna 29'-0". The antenna is 8" in diameter by 2 feet tall and will be mounted on a 7'-4" supporting arm. The facility will have one radio unit, one Fiber panel box, one power disconnect and one meter. The equipment will be mounted between 7'-4" off the ground up to approximately 16 feet above ground level. All of this equipment will be painted to match the color of the existing utility pole. All work will be done on the pole; there will be no ground equipment or ground disturbance. Our proposal is depicted in the attached design drawings.

This is an unmanned facility that will operate at all times (24 hours per day, seven days per week) and will be serviced about once per year by a technician. Our proposal will greatly benefit the area by improving wireless telecommunications service as detailed below.

Emergency Response and E911 Coverage

E911 coverage is a major concern for Crown Castle. 80% of all 911 calls are made by mobile phones and 50% of all Americans have no landline phone connection. If there is no coverage in the area, those calls may not be able to connect placing lives in danger. Emergency services also uses wireless technology to communicate with dispatch, colleagues, and other services. In short, the seamless and uninterrupted coverage provided by Crown at the Project site is a matter of health, safety and welfare, not merely one of convenience.

Statement of Operations

The WCF only requires power and fiber optic services. No nuisances will be generated by the Project, nor will the Project injure the public health, safety, morals or general welfare of the community. Crown technology does not interfere with any other forms of communication devices whether public or private.

Upon completion of the proposed installation, fine-tuning of the Project may be necessary, meaning the Project will be adjusted once or twice a month by a service technician for routine maintenance. The Project is also self-monitored and connects directly to a central office where sophisticated computers alert personnel to any equipment malfunction or breach of security.

Because the Project will be unmanned, there will be no regular hours of operation and no impact to existing traffic patterns. Existing public roads will provide ingress and egress allowing access for the technician who arrives periodically to service the site. No on-site water or sanitation services will be required as a part of this proposal.

Zoning Analysis

Crown is submitting the accompanying complete application to install its telecommunications network facilities in accordance with your code, ordinances and regulations. Please be advised the Federal Communications Commission (FCC) has adopted Rules and Regulations that impact how you must process this application. In addition, state law also limits your regulation of Crown's access to the public rights of way.

Compliance with Federal Regulations

Crown (as the owner of the facility) will not only comply with all FCC rules governing construction requirements, technical standards, interference protection, power and height limitations, and radio frequency standards, but ensure our respective tenants do as well. In addition, the company will comply with all FAA rules on site location and operation. Attached to this application is a letter detailing the new regulations, time lines and requirements that we are now following.

Noise Study

The radios are passively cooled so there are no conditioning units or cooling fans. The equipment does not make any noise or sounds. The equipment specifications are in the drawings.