

## Project Support Statement for

### Verizon Wireless Site “Bradshaw Vintage” at 7933 Bradshaw Road, Sacramento

#### Introduction

Verizon Wireless is undertaking a large expansion project to add coverage to the residences and businesses in South Sacramento County. This project will increase the service area to Verizon’s existing network in South Sacramento. Verizon maintains a strong customer base in Sacramento and strives to expand and improve coverage for both current and potential customers. This network development will increase public safety within South Sacramento and bring wireless service to areas that are currently underserved.

Verizon proposes to construct a 55 foot light standard with 12 panel antennas. A ground lease area located at the base of the light standard will contain the associated radio equipment. This unmanned facility will provide service to the area residents and businesses 24 hours a day, 7 days a week. This site will serve as a backup to the existing landline service in the area and will provide for mobile communications so essential to modern day commerce and recreation.

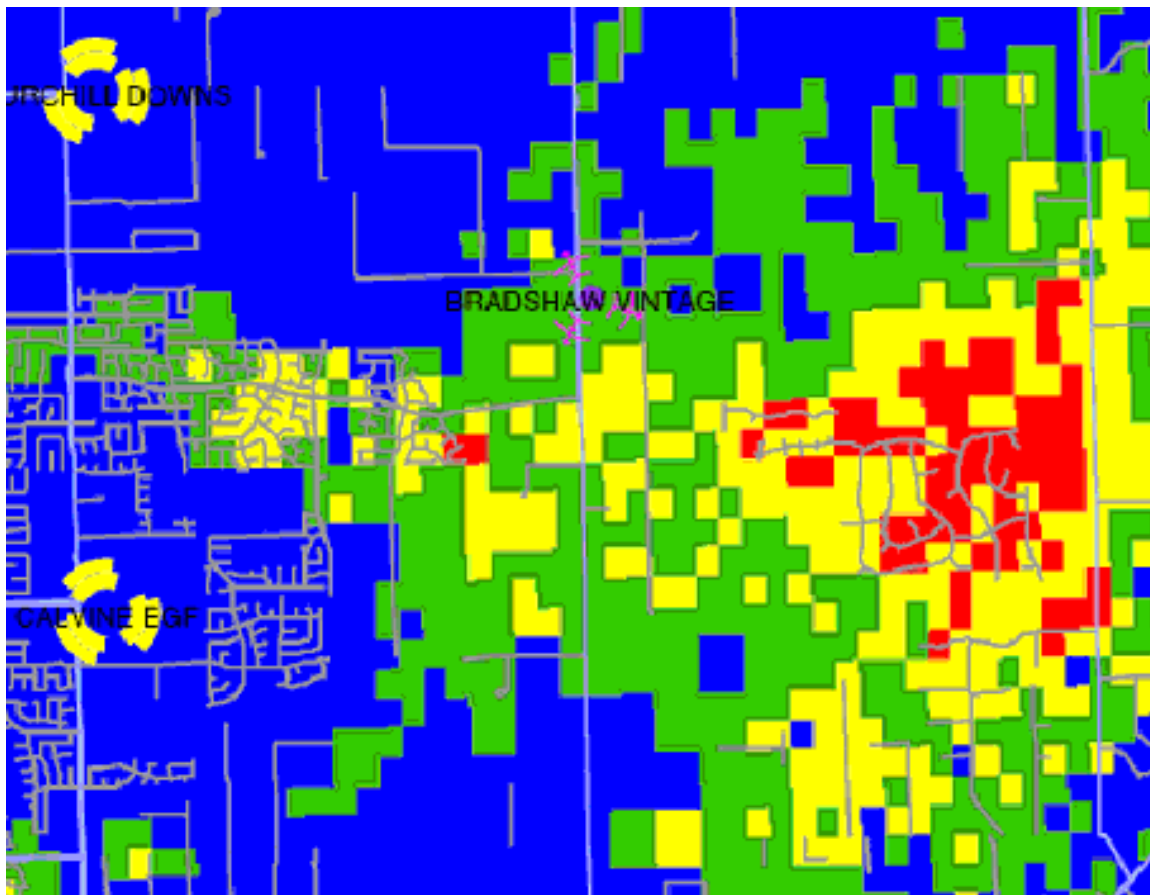
#### Coverage Area

This site has been designed to cover and enhance safety in the following areas:

- Vehicle users and businesses near the intersection at Bradshaw Road and Rogers Road
- Vehicles along Bradshaw Road
- Residents and businesses in the surrounding area
- Recreational users in the South Sacramento area.

Currently these areas lack quality service by Verizon Wireless. The attached coverage maps clearly show the need for the proposed site. Wireless service in this area is currently poor. The proposed site will improve coverage and aid surrounding sites with the large call volume they are currently experiencing. This will enhance call quality in this area, maintaining good service to the homes, businesses and travelers surrounding the intersection of Bradshaw Road and Rogers Road.





The blue areas on the coverage map demonstrate good coverage, the green areas demonstrates moderate coverage and the yellow areas demonstrate poor coverage. The red areas demonstrate extremely poor coverage.

#### **Safety Benefits of Improved Wireless Service**

Mobile phone use has become an extremely important system for public safety. Along roads and highways without public call boxes, mobile phones are often the only means for emergency roadside communication. Motorists with disabled vehicles (or worse) can use their phone to call in and request appropriate assistance. With good cellular coverage along important roadways, emergency response is just a phone call away. Furthermore, as a back up system to traditional landline phone service, mobile phones have proven to be extremely important during natural disasters and other catastrophes.

Verizon has taken the responsibility for back up service very seriously. As such, Verizon has incurred increased expense to install a back up generator at this facility to insure quality communication for the surrounding community regardless of any disaster or catastrophe.

#### **Convenience Benefits of Improved Wireless Service**

Modern day life has become increasingly dependent on instant communications. Whether it is a parent calling their child, spouse calling a spouse, or general contractor ordering materials to the jobsite, wireless phone service is no longer just a convenience. It has become a way of life and a way of business.

### **Project Location and Compliance with Zoning Ordinance**

This project is proposed on a parcel zoned AR-10, and is located in a Group I zoning designation under the Sacramento County Wireless Ordinance. The project site will be accessed from Bradshaw Road.

The proposed project meets with Sacramento County's requirements for wireless communication facilities. Under the County of Sacramento's Wireless Ordinance, the requirements for wireless communication facilities in a Group I zoning category include:

- The height of any tower shall not exceed 55 feet in a Group I zone. *The proposed light standard is 55 feet tall.*
- The facility shall be separated from any adjacent interior property boundary or public right-of-way by 25 feet or more. *The proposed facility is located 25 feet from the nearest adjacent interior property boundary.*

Therefore, the proposed project complies with the height and setback requirements of the Wireless Ordinance.

### **Alternative Locations Considered**

As part of Verizon's standard practice, the development team searched the surrounding area for potential development sites, including any existing communications sites or existing tall structures for potential collocation opportunities.

Located approximately one mile to the west of the proposed site is an existing FAA tower, and a line of PG&E transmission towers. While these were considered, they were rejected for being located too far to the west to meet Verizon's objective in improving coverage in this area.

### **Compliance with FCC Standards**

This project will not interfere with any TV, radio, telephone, satellite, or any other signals. Any interference would be against the Federal Law and would be a violation Verizon's FCC License.

### **Notices of Actions Affecting this Development Permit**

In accordance with California Government Code Section 65945(a), Verizon Wireless requests notice of any proposal to adopt or amend the: general plan, specific plan, zoning ordinance, ordinance(s) affecting building or grading permits that would in any manner affect this development permit. Any such notice may be sent to 9300 Tech Center Dr., Suite 190, Sacramento, CA 95826.

### **Temporary Service During Construction**

As part of this application, Verizon Wireless desires the ability to operate a temporary wireless site after the approval of this application. This temporary facility will supply the community with wireless service between the time the planning permit has been obtained and the construction of the facility is complete. A typical temporary facility includes a mast with three antennas located on a utility trailer that is raised to the height approved. A generator powers radio equipment on the ground. This temporary facility will be easily removed upon completion of the permanent wireless site.

### **Emergency Back-Up Generator and Batteries**

Verizon Wireless installs an emergency back-up generator and batteries at all of its cell sites. The generator and batteries serve a vital role in Verizon's emergency and disaster preparedness plan. In the event of a power outage, Verizon's communications equipment will first transition over to the back-up batteries. The batteries can run the site for a few hours depending upon the demand placed upon the equipment. Should the power outage extend beyond the capacity of the batteries, the back-up generator will automatically start and continue to run the site. This two stage back-up plan is an extremely important component of every Verizon communications site. As one of the nations largest wireless companies, Verizon is the mobile phone service of choice to many Federal, State and Local public safety agencies. While many public safety agencies employ their own two-way radio systems for intra-agency communications, Verizon phones are often the link to other agencies and the outside world. Back-up batteries and generators allow Verizon's communications sites to continue providing valuable communications services in the event of a power outage, natural disaster or other emergency.

**The emergency generator will use Low Sulfur Diesel Fuel. Hours of operation for testing and maintenance will be limited to .95 hours per week for a maximum of 49.4 hours per year.**

### **Construction Schedule**

The construction of the facility will be limited to Monday through Friday, 7:00 a.m. to 7:00 p.m. The typical duration is one month. The crew size will range from 2 to 10 individuals.

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Applicant Signature

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Property Owner Signature