

**VERIZON WIRELESS
COMMUNICATIONS FACILITY**

RECHE

**731 S. STAGECOACH LANE
Fallbrook, CA 92028**

ALTERNATE SITE ANALYSIS

SITE SELECTION/ PREFERRED SITES PER SECTION 6986

The proposed project site is zoned RR-2, rural residential, which is classified as a residential zone, a non-preferred zone as defined in the County Zoning Ordinance Section 6986A.1.(a). The proposed project is new 35-foot high cross tower with 12 antennas and 12 remote radio units (RRU) mounted at the 30-foot level; a microwave dish will be mounted at the 21.5-foot level. The project site is at a ground elevation of 764 feet above mean sea level (AMSL). This report on potential alternate sites is required to identify sites that may have served the geographical service area and the reasons the sites were rejected.

The proposed site was chosen because of the coverage afforded by its strategic location and lack of nearby obstructions to allow a signal to penetrate the geographical service area. The project location also provides the technical ability to control the frequencies of the site within a defined geographical area and provide connectivity to its neighboring sites in the local network. The proposed site allows the applicant to provide coverage to Reche Road, east and west, to Stagecoach Lane, north and south, and the surrounding rural residential area.

The project site is currently operated as a church.

Evaluation of Existing Facilities and Previously Approved Wireless Facilities

- 1. P75-093; ZAP96-041, AT&T Building, 717 S. Stagecoach Lane.** There are two previously approved sites at this AT&T telephone switch building immediately north of the project site, identified as number 1 in the aerial photo following this report. Both AT&T Mobility and T-Mobile have wireless facilities on the AT&T building. A lack of space both inside and outside the building for additional equipment cabinets eliminated the property as a viable project site.
- 2. & 3.** Are discussed below in the section for County and Other Government Facilities.
- 4. S03-018, AT&T, 1055 S. Main Fallbrook St., Fallbrook**
AT&T has a project at this shopping center site in the Village area of Fallbrook. Verizon also has a site located on an adjacent building here and is discussed in number 5 below.
- 5. S08-016, Verizon, 1071 S. Main St., Fallbrook.**
Verizon has site at this location, which is approximately 1.5 miles from the project site. Typically, the distance between sites may be more or less than this distance, depending upon intervening terrain that may block the

line of sight of the signal broadcast. In this case, the project site is needed to supplement the coverage in the area.

6. NCFPD Towers, Ivy St., Fallbrook.

There are several wireless carriers at this location, including Verizon, AT&T, T-Mobile, and Sprint PCS, which is owned by the North County Fire Protection District. This site is 1.4 miles from the project site and is part of the Verizon network in the Fallbrook area. The project numbers on this property are P03-073, ZAP00-013, ZAP00-165, ZAP03-051, and P09-022.

7. 1907 Carriage Lane, Fallbrook.

This property has four existing carriers, including Nextel, Sprint, T-Mobile and AT&T. The site is approximately 1.5 miles east of the project site and 150 feet lower in ground elevation than the project site. Verizon is not located here; however, there is no more space for another cell site on this residential property zoned A-70, limited agriculture. County permits P03- 006, P01- 113, ZAP00-110, and P11-002 were approved for these cell sites.

Preferred Sites in the Geographical Service Area

There are no preferred sites in the geographical service area; most all zoning designations in the area are RR, rural residential, or RS, residential, single family, or A-70 further east on Reche Rd.

Water Tanks

8. ZAP 00-116, FPUD water tank, Dickey Street. This water tank is approximately .62 mile to the east of the project site, owned by the Fallbrook Public Utility District. Because of the area topography, including intervening ridgelines and changes in elevation, this location will not provide coverage to the target geographical service area; one of the primary coverage objectives is Reche Road and Stagecoach Lane; this site only provides partial coverage to Reche Road and limited coverage on Stagecoach Lane. The existing cell site is a Nextel site that has approximately four antennas mounted on the tank; Verizon would need at least 12 antennas and would have to build a free standing structure to support the antennas, similar to the project site. This location will not satisfy the coverage needs of the project site.

Utility Towers, Poles, traffic lights, street lights

There are no lattice-style utility towers in the area; there are wooden utility poles along Stagecoach Lane and Reche Road. There is a traffic signal at the intersection of Stagecoach Lane and Reche Road adjacent to the project site.

None of these alternatives are technically feasible due to the need for 12 antennas and the accompanying remote radio units (RRUs), which need more than the wooden pole to support their weight. The proposed monopine structure will provide camouflage for any visual impact made by the antennas as well as provide the structural integrity for the weight of the antennas and equipment.

Commercial and Industrial Buildings-the AT&T telephone switch building immediately north of the project property is the closest commercial or office-type use in the area, although the underlying zone of the property is RR, rural residential, and is discussed in number 1,above.

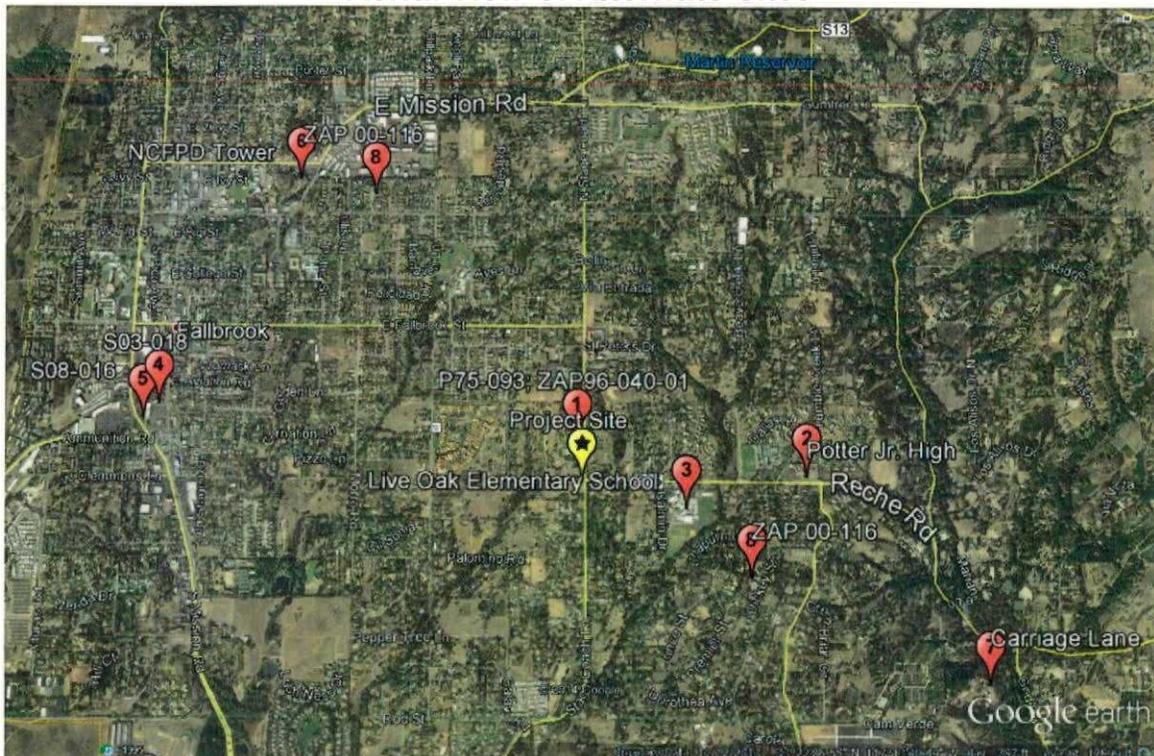
8. ZAP 00-116, 333 Industrial Way, Fallbrook.

An existing cell site is located at 333Industrial Way, approximately 1.2 miles northwest of the project site. It is a former Nextel site, and the current status is unknown. This location will not cover the target area provided by the project site.

County or Other Government Facilities

2. Potter Junior High, Reche Rd. & 3. Live Oak Elementary School. The closest government facilities are two schools on Reche Road approximately one-third mile and one-half mile east of the project site. The closest school is an elementary school and the other a junior high school. Neither of the school sites can duplicate the coverage that is obtained at the project site due to lower ground elevation, 660 feet AMSL and 700 feet AMSL, respectively. The coverage from either of the two sites will be limited to the small valley location along this portion of Reche Road.

Aerial View of Alternate Sites



1. P75-093; P96-040-01,AT&T Telephone Switch Building, Stagecoach Lane
2. Potter Junior High
3. Live Oak Elementary School
4. 503-018, ATT, 1055 S. Main, Fallbrook
5. 508-016, Verizon, 1071 S. Main, Fallbrook
6. NCFPD Property, Ivy St., Fallbrook; P00-013; P03-073; P00-165; P03-051; P09-022.
7. Carriage Lane Residence,ZAP00-110; ZAPOI-113; ZAP03-006; PI -002, Nextel, Sprint, T-Mobile & ATT
8. ZAP 00-116, FPUd water tank, Dickey St., Fallbrook