

Santa Rosa Peak Communication Site

Overview

The site is located at an existing County communication facility, on a County-owned parcel in the Santa Rosa Mountains within the San Bernardino National Forest (SBNF), approximately 0.50 mile northwest of Santa Rosa Spring and 2.75 miles south of Pinyon Flat and Highway 74. The proposed project will replace the existing County facility and replace it with a new tower and equipment shelter.

Table 1: Santa Rosa Peak Communication Site

Latitude ¹	Longitude ¹	Elev ²	Address	T/R/S ³	APN ⁴	USGS Quadrangle
33°32'42.4"	116°28'09.9"	7,494	No address assigned. The site is adjacent to Forest Route 7S02.	7S, 5E, Sec. 21	636-210-010	Toro Peak
1 – All coordinates utilize NAD83 datum 2 – All elevations in feet above mean sea level 3 – Township/Range/Section (San Bernardino Base Meridian)				4 – All Assessors Parcel Numbers are located in Riverside County, unless noted: OC = Orange County; SD = San Diego County; SB = San Bernardino County		

Surrounding Land Uses

The site is located in a rural forested area in a remote portion of the Santa Rosa Mountains and is located adjacent to Forest Route 7S02. The site is approximately eight miles from where the Forest Route begins at Highway 74, near Pinyon Flat. Santa Rosa Peak proper is located 0.75 mile to the southeast, and is situated at an elevation nearly 600 feet higher than the proposed Santa Rosa Peak site. An existing County communication facility is present at the proposed site. The proposed project will replace the existing 60-foot tall tower and existing prefabricated shelters with upgraded facilities. No commercial power is available to the site, so the existing site utilizes diesel-powered generators that run continuously to provide power. The site utilizes a dual-generator system, with each generator operating for one week at a time and alternating between the two units. Two 2,000-gallon aboveground concrete bunker-type fuel tanks hold fuel for the generators. A smaller, amateur radio repeater-antennae site is located approximately 300 feet west of the site.

The site is located on a County-owned inholding within the SBNF. The surrounding area is used primarily for low-intensity outdoor recreation activities, such as hiking, camping, and hunting. The SBNF Santa Rosa Spring campground facility is located 0.50 mile southeast of the site. The facility is in very poor condition, is rarely used, and is scheduled for closure. Forest Route 7S02 provides access to both the County facility and the campground, and then continues for several miles up the mountain before terminating at Toro Peak. The peak is a major communication facility situated on lands that are under the ownership of the Santa Rosa Indian Reservation.

Topography and Vegetation

The site is located in a heavily forested area atop a prominent ridge below Santa Rosa Peak. Typical species include ponderosa pine, Jeffrey pine, pinyon pine, and oak. The site itself is disturbed by the existing communication facilities, but the surrounding areas are undisturbed.

Land Ownership and Applicable Habitat/Land Management Plan

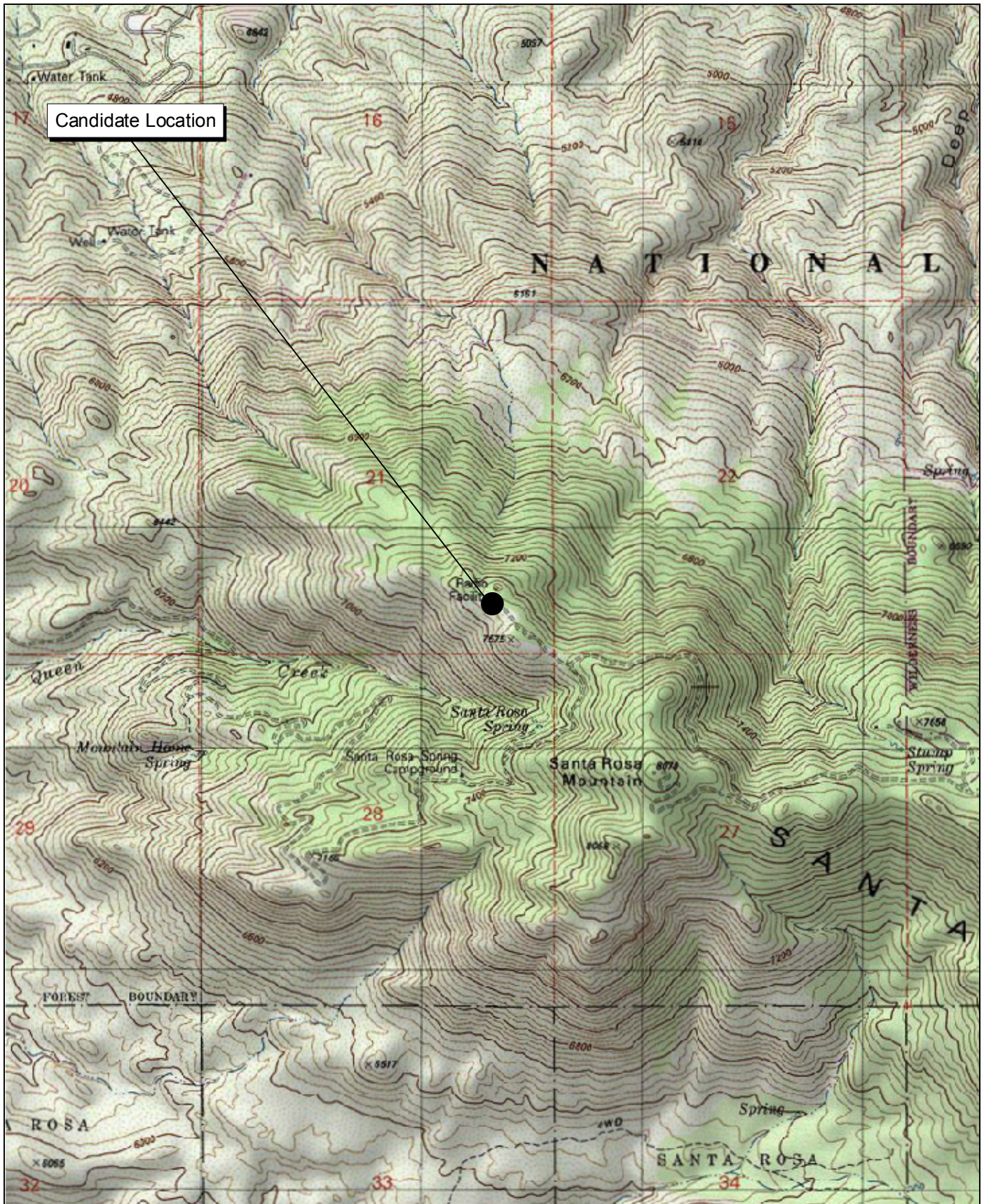
The site is located on a County-owned inholding within the SBNF, and therefore not subject to the SBNF Land Management Plan. It is located within the CVMSHCP area, but is not within a conservation area.

Road Access

A spur road leads from Forest Route 7S02 to the site, and is secured by a locked gate.

Commercial Power Access

Commercial power is not available in the area. The nearest commercial power is located at the community of Pinyon Pines, approximately 12 road miles from the site. Electrical power is provided by onsite, diesel-powered generators. The proposed project will utilize this existing system.



Source: USGS Toro Peak 7.5' Topographic Map.



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Santa Rosa Peak Communication Site Local Vicinity Topographic Map

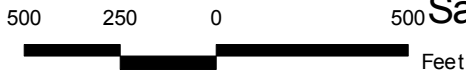
COUNTY OF RIVERSIDE
PUBLIC SAFETY ENTERPRISE COMMUNICATION PROJECT



Legend

● Candidate Location

Source: Riverside County NAIP, 2005.



Santa Rosa Peak Communication Site Local Vicinity Aerial Map



Photograph 1: View toward Santa Rosa Peak candidate location, facing east.



Photograph 2: View toward Santa Rosa Peak candidate location, facing northwest.



Photograph 3: View toward Santa Rosa Peak candidate location, facing south.



Photograph 4: View toward Santa Rosa Peak candidate location, facing northeast.

Source: Michael Brandman Associates, 2008.



Michael Brandman Associates

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Santa Rosa Peak Candidate Photographs 1 to 4 PSEC Project



Photograph 5: View from Santa Rosa Peak candidate location, facing southeast.



Photograph 6: View from Santa Rosa Peak candidate location, facing southwest.



Photograph 7: View from Santa Rosa Peak candidate location, facing northeast.



Photograph 8: View from Santa Rosa Peak candidate location, facing northwest.

Source: Michael Brandman Associates, 2008.



Michael Brandman Associates

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Santa Rosa Peak Candidate Photographs 5 to 8 PSEC Project