

REPORT NUMBER: LA- VN-

AUTHOR(S): Rebecca S. Orfila

DATE: November 2009

TITLE: Archaeological Survey for the Southern California Edison Company: Replacement of Two Deteriorated Power Poles on the Saugus-Markell-Solemnity 66kV Line, Newhall, Los Angeles County (WO 4605-2208), One Deteriorated Power Pole on the Burdo Flats-Chatsworth-Thrust 66kV Line, Chatsworth, Ventura County (WO 4605-2352), One Deteriorated Power Pole on the Seachiff 16kV Line, Rincon Point, Ventura County (WO 6039-4800 E-4803), One Deteriorated Power Pole on the Crabtree 16kV Line, Saugus, Los Angeles County (WO 6059-4800-94881), One Deteriorated Power Pole on the Clarinet 16kV Line, Martins, Los Angeles County (WO 6059-4800-94883), and One Deteriorated Power Pole on the Guitar 16kV Line, Wayside Manor Ranch, Los Angeles County (WO 6059-4800-94885).

TYPE: (1) Arch. survey

AREA:

QUADRANGLE AND #:

- Newhall # 1381
- Whitaker Peak # 1633
- Calabasas # 1122
- Pitas Point # 1413

DEVELOPMENT TYPE: (5) Utilities

AGENCY: Southern California Edison

FIRM: TRSO Consulting

OF PAGES: 12

RESOURCES: (List all primary and trinomial numbers, or temporary resource numbers or resource "names"– if it has a primary or trinomial #, you do not need to list the others).

19-090990H	56-000730
19-000961	56-000763
19-000962	56-000467
19-002105H	56-001772

Old Ridge Route Hwy

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RSO Consulting

Cultural and Historical Resource Management

November 8, 2009

Ms. Audry Williams, Archaeologist
Biological and Archaeological Resources
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

RE: ARCHÆOLOGICAL SURVEY FOR THE SOUTHERN CALIFORNIA EDISON COMPANY:
REPLACEMENT OF TWO DETERIORATED POWER POLES ON THE SAUGUS-HASKELL-SOLEMINT 66KV
LINE, NEWHALL, LOS ANGELES COUNTY (WO 4605-2208), ONE DETERIORATED POWER POLE ON THE
BURRO FLATS-CHATSWORTH-THRUST 66KV LINE, CHATSWORTH, VENTURA COUNTY (WO 4605-
2352), ONE DETERIORATED POWER POLE ON THE SEACLIFF 16KV LINE, RINCON POINT, VENTURA
COUNTY (WO 6039-4800 E-4803), ONE DETERIORATED POWER POLE ON THE CRABTREE 16KV LINE,
SAUGUS, LOS ANGELES COUNTY (WO 6059-4800-94881), ONE DETERIORATED POLE ON THE
CLARINET 16KV LINE, MARTINS, LOS ANGELES COUNTY (WO 6059-4800-94883), AND ONE
DETERIORATED POWER POLE ON THE GUITAR 16 KV LINE, WAYSIDE HONOR RANCHO, LOS
ANGELES COUNTY (WO 6059-4800-94885).

Dear Ms. Williams:

This letter serves as the final report on the results of the Phase I inventory for the aforementioned project, conducted by personnel from RSO Consulting (RSOC), Bakersfield, California. The following briefly describes the results and offers recommendations regarding the proposed replacement of seven power pole locations; two in Ventura County (one on the Burro Flats-Chatsworth-Thrust 66KV line and one on the Seacliff 16KV line), and five in Los Angeles County (two on the Saugus-Haskell-Solemint 66 KV line, one on the Crabtree 16 KV line, one on the Clarinet 16KV line, and one on the Guitar 16 KV line).

Introduction

On October 19 and November 7, 2009, RSOC conducted a Phase I archaeological inventory for Southern California Edison Company (SCE) for the proposed replacement of seven (7) power poles in Ventura and Los Angeles counties, California. The proposed pole replacement projects consist of two in Ventura County (4761928E on the Burro Flats-Chatsworth-Thrust 66KV line [WO 4605-2352; RSOC Work Authorization No. 9]) and 2114571E on the Seacliff 16KV line [WO 6039-4800 E4803; RSOC Work Authorization No. 9], and five in Los Angeles County (827879E and 844212E on the Saugus-Haskell-Solemint 66 KV line [WO 4605-2208; RSOC Work Authorization No. 9], 647297E on the Crabtree 16 KV line [WO 6059-4800-94884; RSOC Work Authorization No. 9], 620915E on the Clarinet 16KV line [WO 6059-4800-94883; RSOC Work Authorization No. 9], and 1209340E on the Guitar 16 KV line [WO 6059-4800-94885; RSOC Work Authorization No. 9]).

Regulatory Framework

The California Environmental Quality ACT (CEQA) requires projects of this type submit to compliance requirements regarding cultural resources on lands proposed for development. The Lead Agency is required by Public Resources Code Section 21000, etc., to identify and examine any significant adverse environmental effects that may result from activities associated with such projects (Public Resources Code Sections 21083.2 and 21084.1). CEQA states that the required initial study examine whether the project may have a significant effect on "unique archaeological resources." Pursuant to these requirements, a cultural resources inventory was conducted in order to determine impacts of the proposed project on cultural resources potentially eligible for nomination to State and National Registers of Historic Places.

Project Description

SCE has initiated the deteriorated power pole replacement program in order to maintain electrical distribution lines throughout its service area. New poles are placed approximately 12 inches from an existing pole, and depending upon access, are transported via various means into the work area. SCE plans to excavate/drill new footing holes adjacent to existing poles in order to install replacement poles and anchors and to cut down existing wooden poles. The Project Area is consists of a 30-meter buffer zone around *each* wooden power pole, and comprises an area measuring approximately 0.175 acres in size.

Project Location

The Project Area consists of seven poles in various locations throughout Ventura and Los Angeles counties. All of the poles are located on private land, such as residential, agricultural, and industrial venues. The following table lists the poles, updated GPS coordinates (NAD 83), and their location on USGS topographic maps.

Table 1
WOs 4605-2208, 4605-2352, 6039-4800 E4803, 6039-4800 -94881, -94883, -94885

Pole	Easting	Northing	WO	Circuit	County	S	T	R	Topo
620915	348210	3825264	6059-4800-94883	Clarinet 16KV	LA	3	5N	16W	Whitaker Pk
647297	352400	3810870	6059-4800-94881	Crabtree 16KV	LA	?	4N	17W	Newhall
827879	359142	3812932	4605-2208	Saugus-Haskell-Solemint 66KV	LA	11	4N	16W	Newhall
844212	359119	3813060	4605-2208	Saugus-Haskell-Solemint 66KV	LA	11	4N	16W	Newhall
1209340	383787	3813979	6059-4800-94885	Guitar 16KV	LA	6	4N	16W	Newhall
2114571	275163	3806350	6039-4800 E4803	Seacliff 16KV	Ventura	1	3N	25W	Pitas Point
4761928	343072	3789372	4605-2352	Burro Flats-Chatsworth-Thrust 66KV	Ventura	30	2N	17W	Calabasas

Records Search

Records searches were performed for the Project Area(s) on October 19, 2009, at the South Central Coastal Information Center located at California State University, Fullerton (RS #9924; RSOC Project #200907-CWA9), and included a review of data within a one-half mile radius of each pole. The records search included an examination of all previously recorded prehistoric and historical archaeological sites within the Project Area (plus a research radius of one-half mile) of the *National Register of Historic Places*, the *California Register of Historical Resources*, *California Points of Historical Interest*, *California Inventory of Historic Resources*, *California State Historic Landmarks Registry*, and the HRIC files of pertinent historical and archaeological data. The results of the records search for each power pole replacement station are provided below.

Power Pole #620915E

The records search for this power pole replacement station revealed that no surveys have been performed in the Project Area, nor have any archaeological sites been recorded in the current Project Area (Fig.1). Within one-half mile of the Project Area, however, three studies have been performed with negative results for cultural resources (Davis 1990, Getchell and Atwood 2006, and SWCA Environmental Consultants 2006). One archaeological site (CA-LA-990H) has been recorded within one-half mile of the Project Area; CA-LA-990H is the Liebre Road Camp which was associated with the construction of the Old Ridge Route roadway and is “an integral part of the Old Ridge Route historic district” (Milburn/Scott 1993:1). The remains of the camp share the same trinomial as the historical Old Ridge Route roadway.

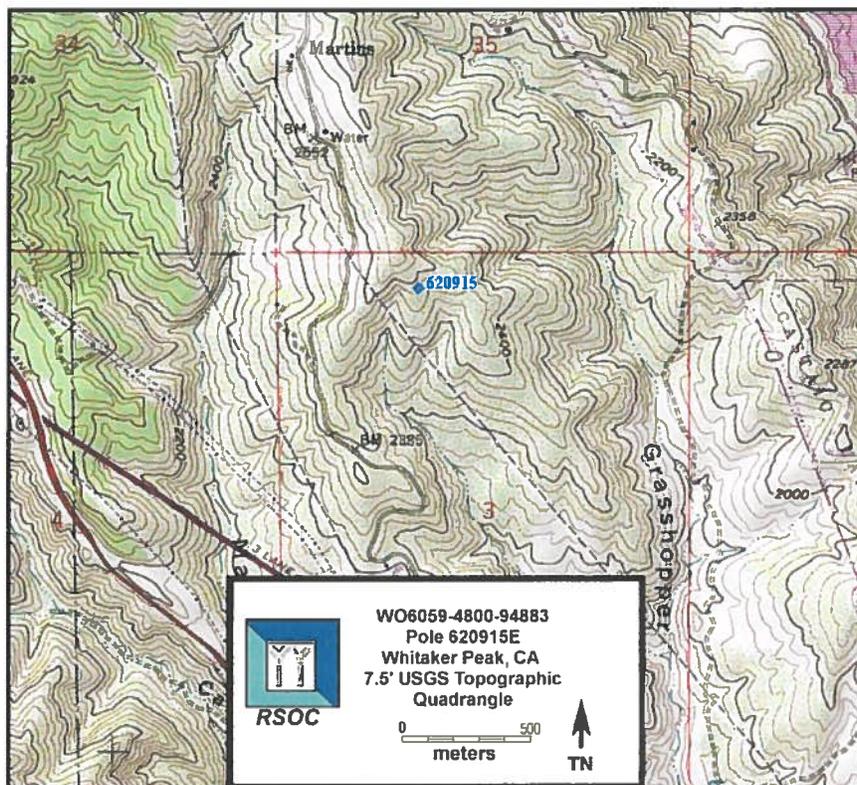


Fig. 1. Pole #620915E Location Map; adapted from Whitaker Peak, CA 7.5' USGS Topographic Quadrangle.

Power Pole #647297E

The records search for this power pole replacement station revealed that one survey has been performed in the Project Area with negative results for cultural resources (Whitley and Simon 1994); no cultural resources have been recorded with the Project Area (Fig. 2). Two surveys have been conducted within one-half mile of the Project Area (Whitley and Simon 1994 and Whitley and Simon 2002). Two sites have been recorded within one-half mile of the Project Area; CA-LAN-961 is a wood frame house built in 1878 by Henry Newhall, and CA-LAN-962 is the location of the remains of the Asistencia of Mission San Fernando (ca. 1804).

Power Pole #827879E

The records search for this power pole replacement station revealed that no surveys have been performed in the Project Area and no archaeological sites have been recorded within the Project Area (Fig. 3). Two surveys have been performed within one-half mile of the Project Area with negative results for cultural resources (Clewlow 1978 and Brandman Associates 2007). One archaeological site has been recorded within one-half mile of the #827879E Project Area; CA-LAN-2105H is a water conveyance system and part of the Los Angeles Aqueduct constructed in 1907-1913 to bring water from the Owens River, approximately 260 miles north of Los Angeles.

Power Pole #844212E

The records search for this power pole replacement station revealed that no surveys have been performed in the Project Area and no archaeological sites have been recorded within the Project Area (Fig. 3). Two surveys have been performed within one-half mile of the Project Area with negative results for cultural resources (Clewlow 1978 and Brandman Associates 2007). One archaeological site has been recorded within one-half mile of the #844212E Project Area; CA-LAN-2105H is a water conveyance system and is part of the Los Angeles Aqueduct constructed in 1907-1913 to bring water from the Owens River, approximately 260 miles north of Los Angeles.

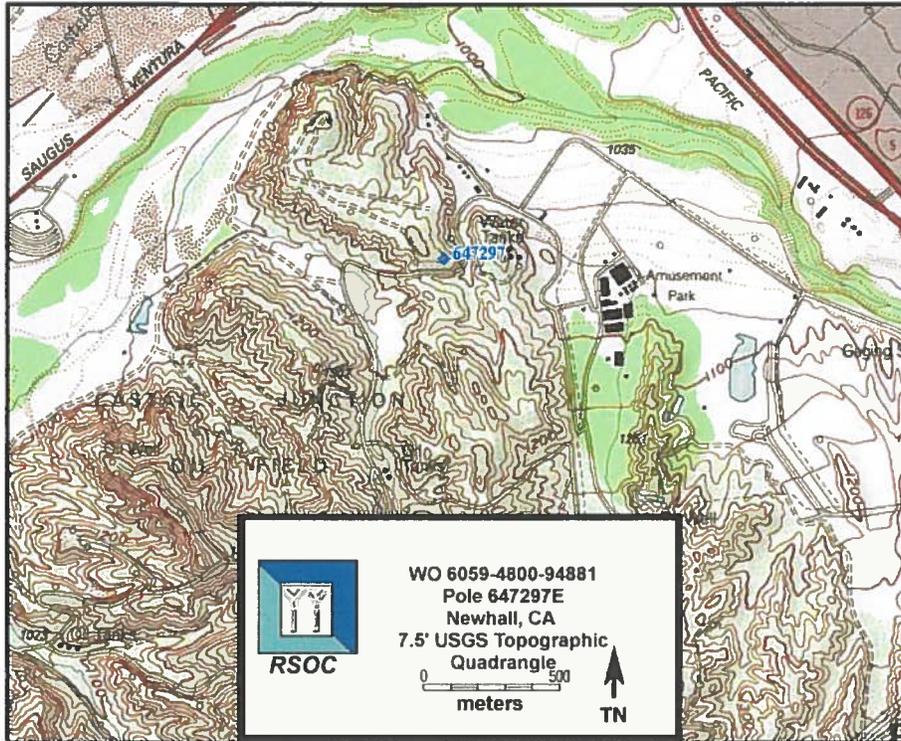


Fig. 2. Pole #647297E Location Map; adapted from Newhall, CA 7.5' USGS Topographic Quadrangle.

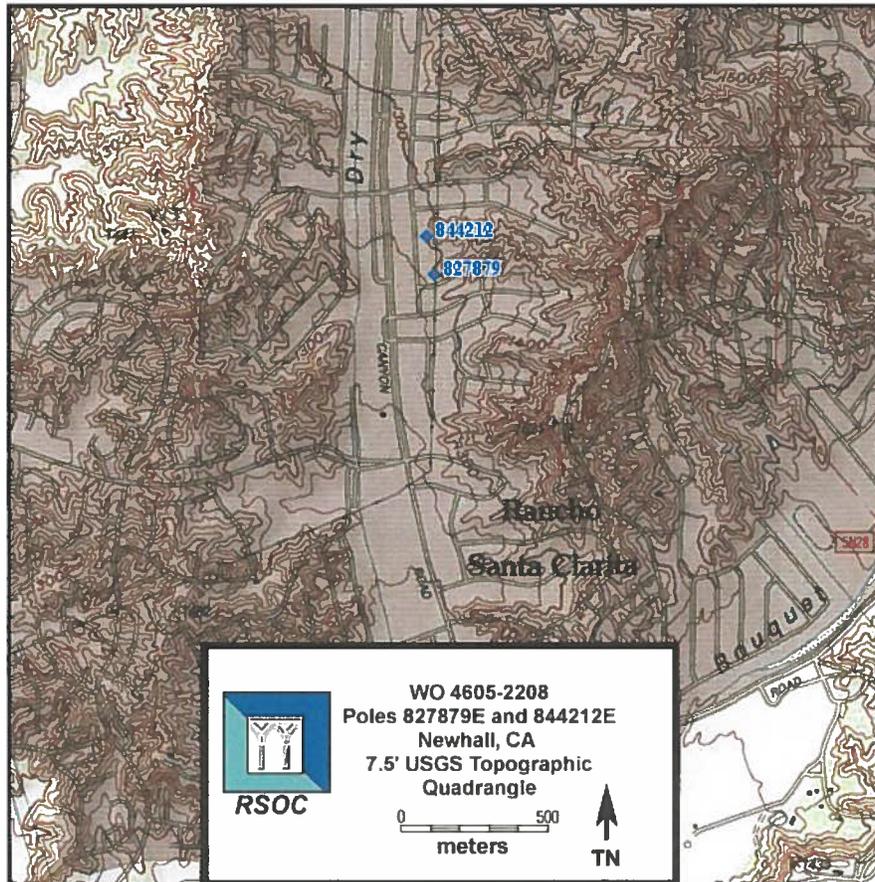


Fig. 3. Pole #827879E and 844212E Location Map; adapted from Newhall, CA 7.5' USGS Topographic Quadrangle.

Power Pole #1209340E

The records search for this power pole replacement station revealed that no surveys have been performed in the Project Area (Fig.4). One survey has been performed within one-half mile of the Project Area with negative results for cultural resources (Dillon 1993). No archaeological sites have been previously recorded in the #1209340E Project Area or within one-half mile of that location.

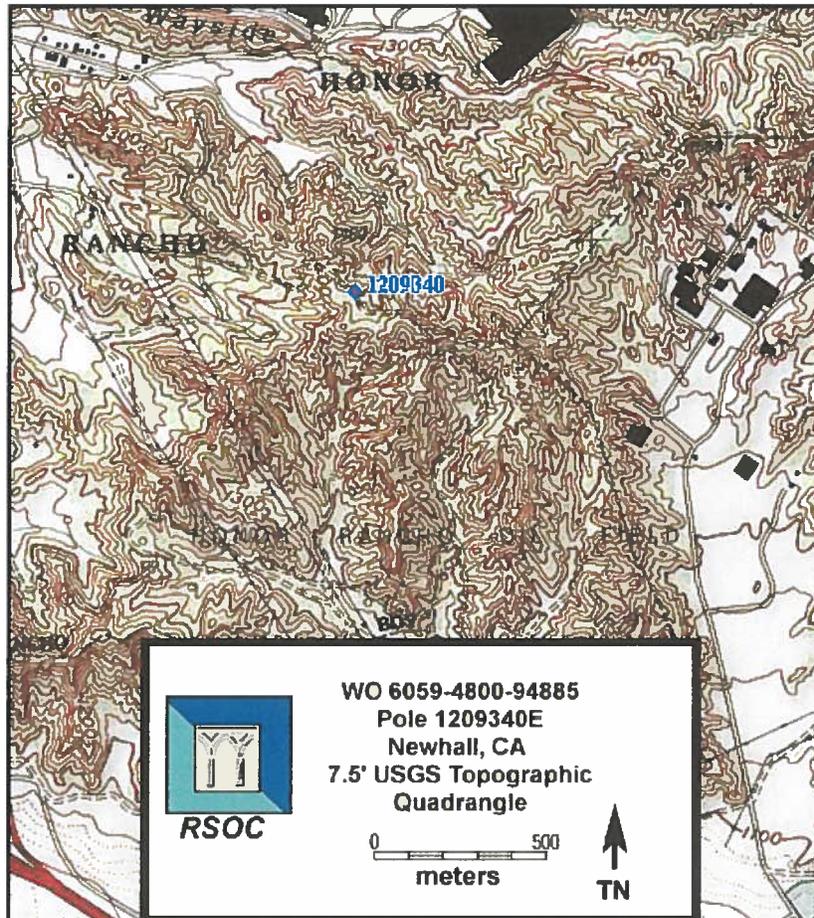


Fig. 4. Pole #1209340E Location Map; adapted from Newhall, CA 7.5' USGS Topographic Quadrangle.

Power Pole #2114571E

The records search for this power pole replacement station revealed that no surveys have been performed in the Project Area or within one-half mile of the Project Area (Fig. 5). No archaeological sites have been previously recorded in the #2114571E Project Area or within one-half mile of that location.

Power Pole #4761928E

The records search for this power pole replacement station revealed that no surveys have been performed or archaeological sites recorded within the Project Area (Fig. 6); however, two studies have been performed (Whitley 1992 and Whitley 2002) within one-half mile of the Project Area. Four archaeological sites have been recorded within one-half mile of the #4761928E Project Area. These sites include CA-VEN-730, a rockshelter with a sparse collection of lithic artifacts; CA-VEN-763, a rockshelter with a variety of quartzite tools; CA-VEN-467, a rockshelter with quartzite scrapers and flakes, manos, a black chert projectile point, and numerous burned animal bones; CA-VEN-1772, a small cave with historical pictograph, probable non-aboriginal in nature, but historical (over 50 years in age). Whitley remarked in the site record for CA-VEN-1772 that the pictograph “may be related to the name of the landform containing the Santa Susanna Field Laboratory on Burro Flats, or possibly created for one of the western feature films made on the property during the first half of the 20th century.

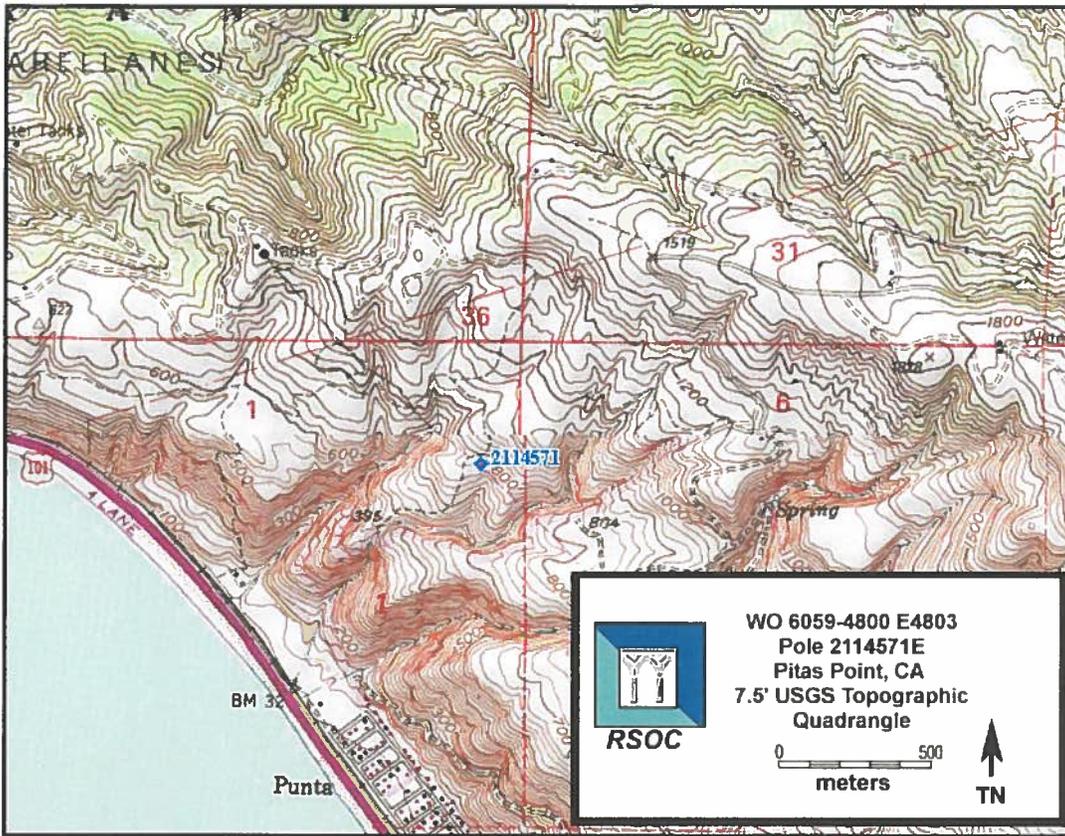


Fig. 5. Pole #2114571E Location Map; adapted from Pitas Point, CA 7.5' USGS Topographic Quadrangle.

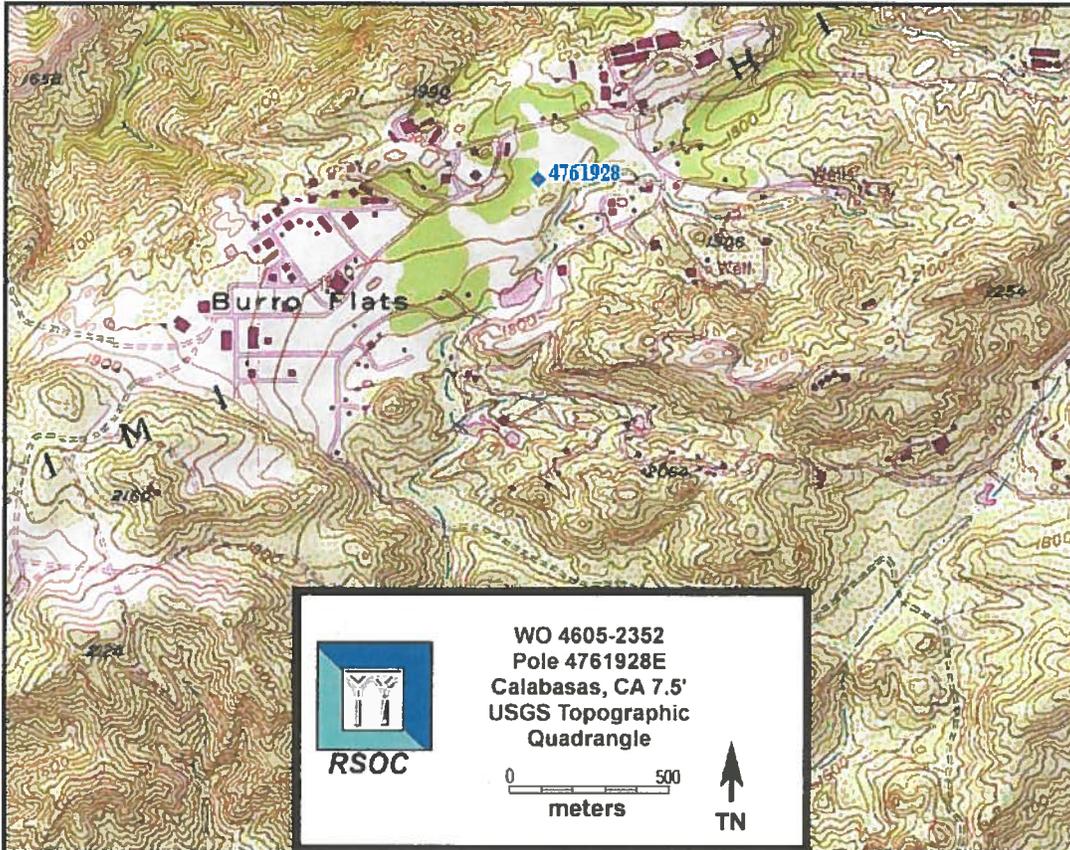


Fig. 6. Pole #4761928E Location Map; adapted from Calabasas, CA 7.5' USGS Topographic Quadrangle.

Field Methods

The field survey of the Project Area consisted of an intensive pedestrian survey of a 30-meter radius radiating out from the individual power poles with survey transects spaced approximately 2.5-meters apart. The location of each power pole was recorded with a Magellan hand-held GPS unit using the Universal Transverse Mercator, North American Datum of 1983, Zone 11, meters, as the spatial reference. RSOC archaeologist Rebecca Orfila performed the field survey on October 19 and November 7, 2009.

Survey Results

Power Pole #620915E (Clarinet 16 KV near Martins, CA)
GPS 348210mE/3825264mN, NAD 83

Power Pole #620915E is located approximately 2.5 meters south of a dirt mountain road overlooking Grasshopper Canyon in Los Angeles County (Figs. 7 and 8). Ground surface visibility was obstructed by grasses and there was evidence of small animal burrows throughout the Project Area. No cultural resources were recorded within the Project Area during this survey.

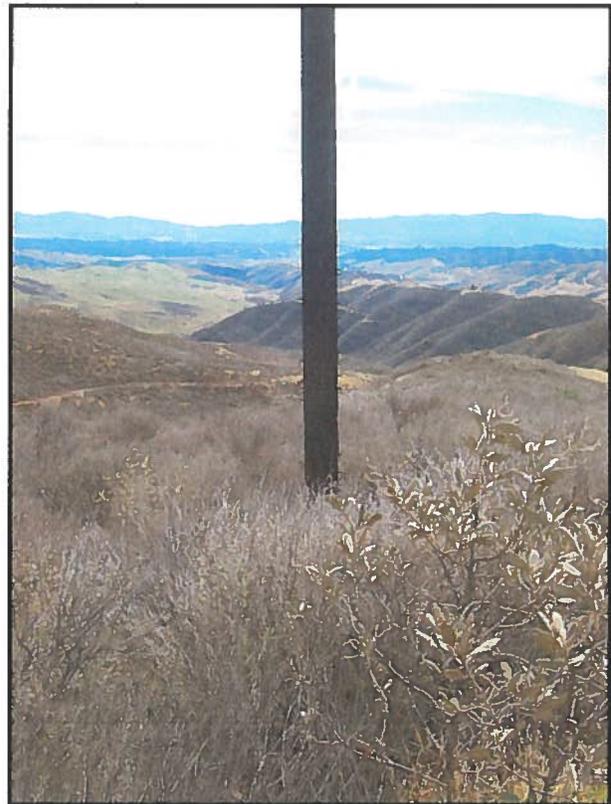


Fig. 7. (Left) View of #620915E looking south/southeast. Fig. 8. (Right) Close-up of base of 620915E.

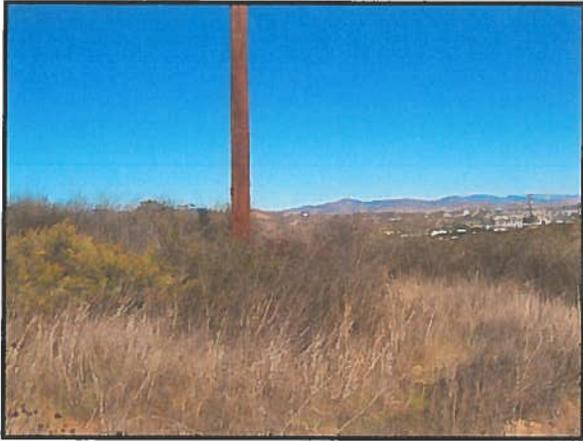
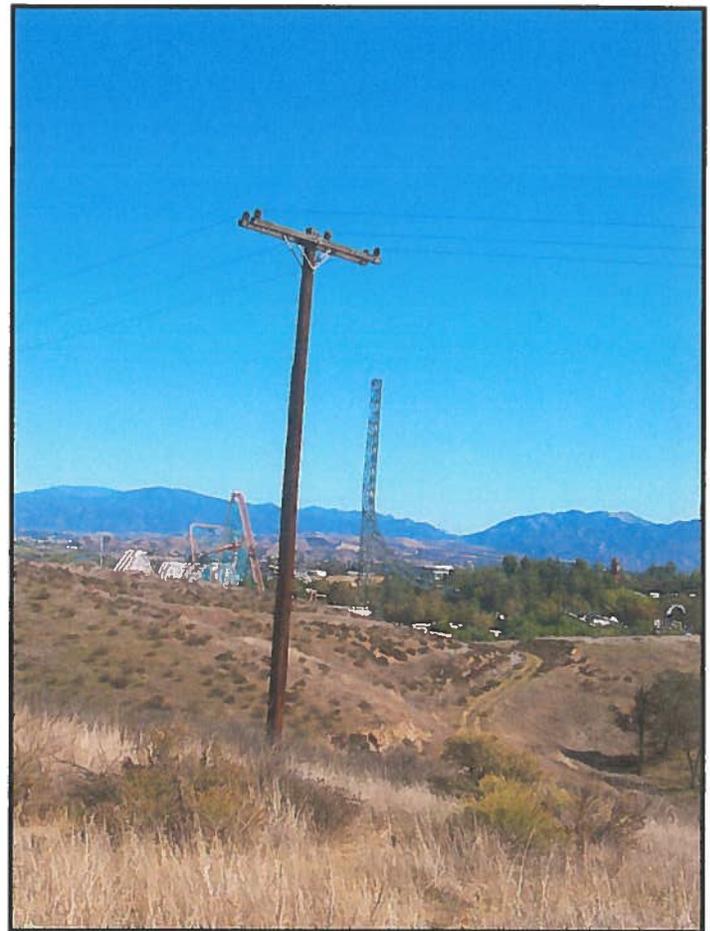


Fig. 9. (Above) View of base of #647297E looking south.
 Fig. 10. (Right) View of Pole 620915E, looking east.



Power Pole #647297E (Crabtree 16KV, Newhall, CA)
 GPS 352400mE/3810870mN, NAD 83

Power Pole #647297E is located atop a bluff overlooking the parking lot of a large amusement park in Newhall, CA (Figs. 9 and 10). Ground surface visibility was obstructed by grasses and there was evidence of small animal burrows throughout the Project Area. No cultural resources were recorded within the Project Area during this survey.

Power Pole #827879E (Saugus-Haskell-Solemint 66KV, Rancho Santa Clarita, CA)
 GPS 359142mE/3848001mN, NAD 83

Power Pole #827879E is located approximately 158 feet east of Santa Clarita Road, behind existing residential structures in a Rancho Santa Clarita neighborhood (Fig. 11). Ground surface visibility was fair, but grasses did obscure the footing of the pole. There was evidence of small animal burrows throughout the Project Area. No cultural resources were recorded within the Project Area during this survey.

Power Pole #844212E (Saugus-Haskell-Solemint 66KV, Rancho Santa Clarita, CA)
 GPS 359119mE/3813060mN, NAD 83

Access to Power Pole #844212E is located approximately 158 feet east of Santa Clarita Road, behind a home in Rancho Santa Clarita, CA (Fig. 12). Ground surface visibility was fair to good. No cultural resources were recorded within the Project Area during this survey.

Power Pole #1209340 (Guitar 16 KV, Castaic, CA)
 GPS 353889mE/3813953mN, NAD 83

Power Pole #1209340E is located immediately east of a steep, switchback dirt road (Texas Oil Company Road) on the Wayside Honor Rancho Oil Field (Fig. 13 and 14). The pole is surrounded by dense grasses and a barbed wire fence separates the pole from the dirt road. No cultural resources were recorded within the Project Area during this survey.

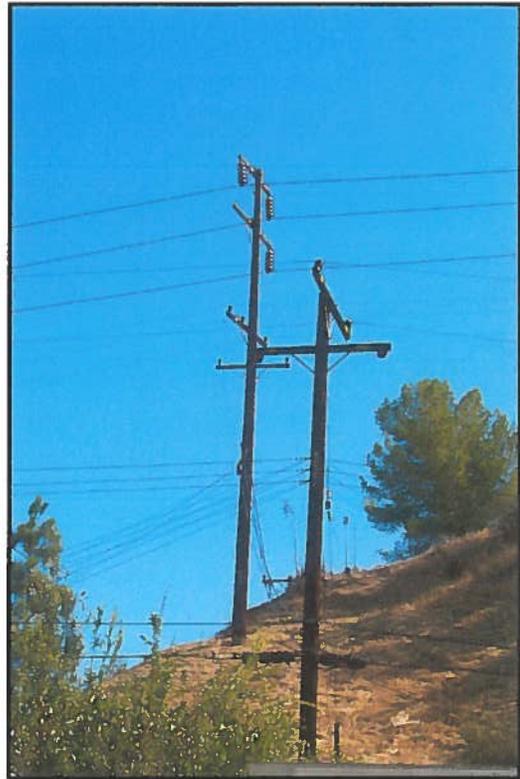
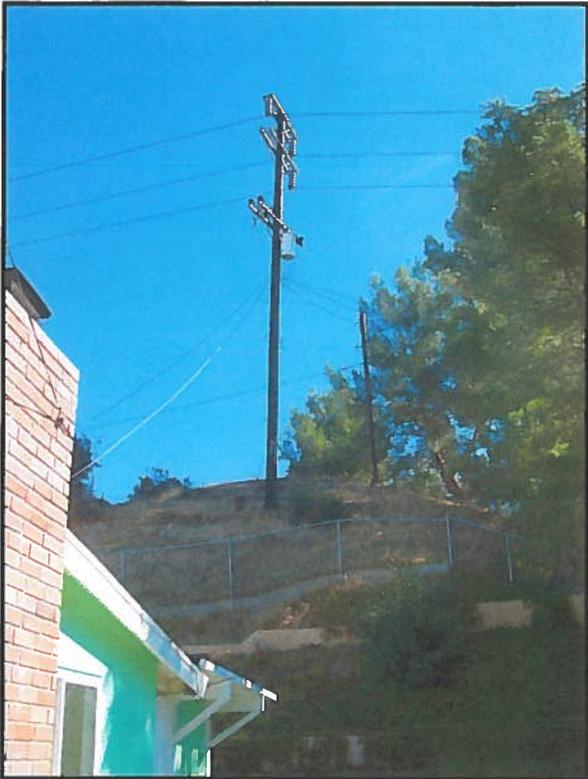


Fig. 11. (Left) Pole 827879E is located behind a residence on Santa Clarita Road. Fig. 12. (Right) View of Pole 844212E (on the left), looking south.

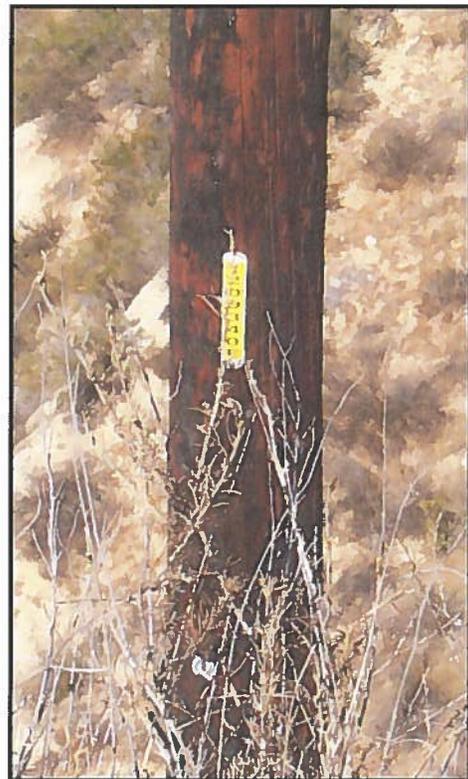
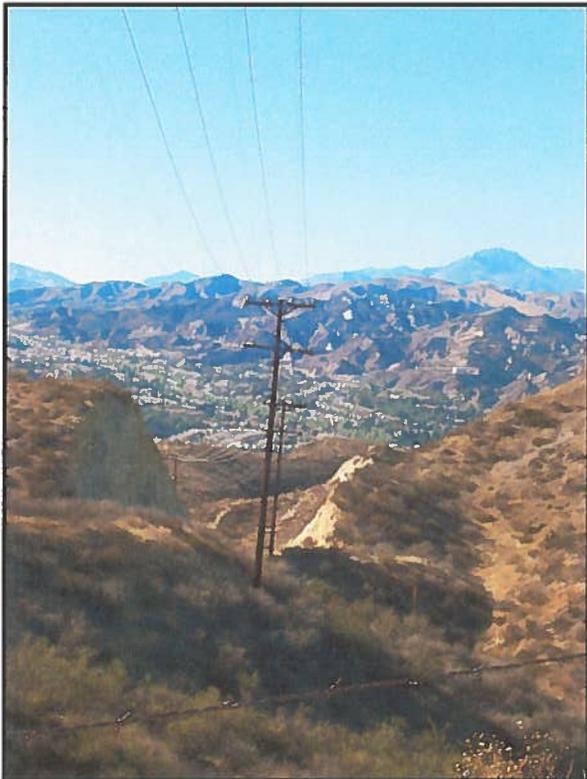


Fig. 13. (Left) Pole 1209340E is located Wayside Honor Rancho Oil Field. Fig. 14. (Right) View of Pole 1209340E marker plate.

Power Pole #2114571E (Seacliff 16KV near Rincon Point, CA)
GPS 275163mE/3806350mN, NAD 83

Power Pole #2114571E is located approximately 0.65 miles northeast of the Pacific Ocean at Rincon Point, CA, on a vineyard and orchard property (Fig. 15). The pole is located 250 feet east of a residence, and is surrounded by minimal vegetation; as such, ground surface visibility was good. No cultural resources were recorded within the Project Area during this survey.

Power Pole #4761928E (Burro Flats – Chatsworth-Thrust 66 KV near Chatsworth, CA)
GPS 343072mE/3789372mN, NAD 83

Power Pole #4761928E is located at the former Santa Susanna Field Laboratory on Burro Flats west of Chatsworth, CA (Fig. 16). The pole is situated along a dirt road and is easily accessible. Ground visibility was limited by grasses, fallen leaves, and twigs to less than 20%. No cultural resources were recorded within the Project Area during this survey.

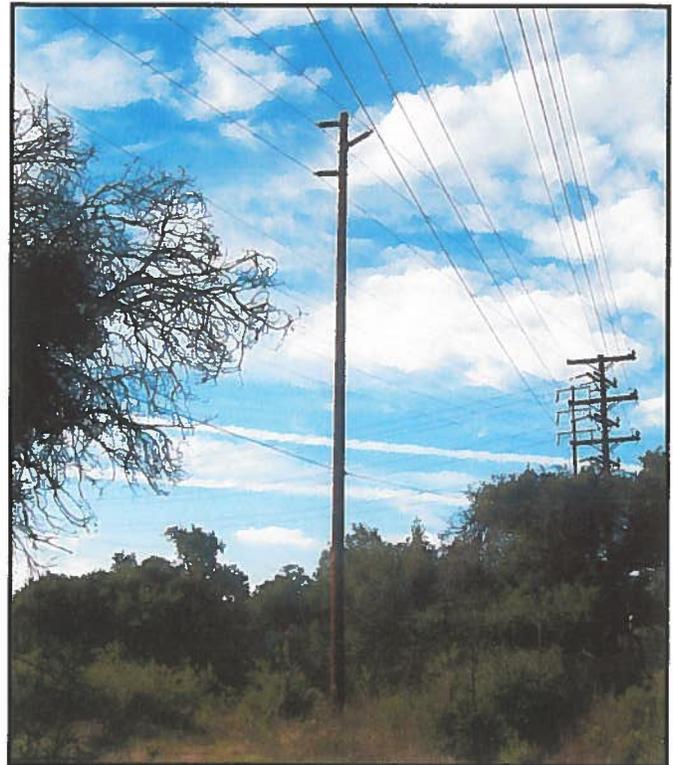
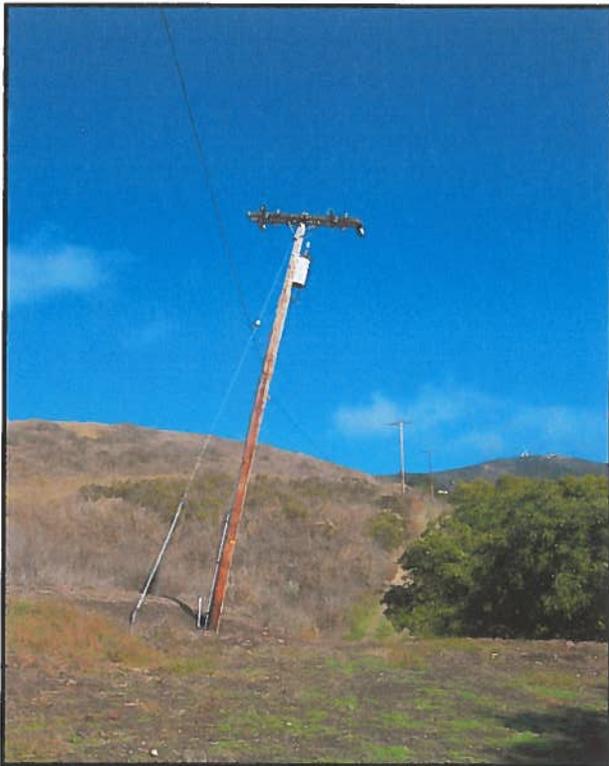


Fig. 15. (Left) Pole 2114571E on Rincon Point, looking east. Fig. 16. (Right) View of Pole 4761928E, looking southwest.

Results and Recommendations

As part of the current study, seven power pole locations were surveyed to determine whether cultural resources would be affected by the proposed replacement of the deteriorated power poles. No historical or cultural resources were observed within the 30 meter Project Areas of each pole.

If you have any questions or require further information, please do not hesitate to contact me at (661) 663-8671 or by email at rsolconsulting@gmail.com.

Sincerely,

Rebecca S. Orfila, M.A., RPA, CCRPH
Principal Archaeologist

REFERENCES

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Michael Brandman Associates

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