May 7, 2018

City of Simi Valley
Department of Environmental Services
2929 Tapo Canyon Road
Simi Valley, CA 93065

Attn: Ms. Lauren Funaiole, Senior Planner

Subj: Phase I Cultural Resources Assessment of Tapo Street/Alamo Street EIR, Simi Valley Mixed Use Project, California (*Envicom Project #57-805-001)*

Dear Ms. Funaiole:

In May of 2018, Envicom Corporation (Envicom) completed a Phase I cultural resource assessment **Tapo/Alamo EIR Project, Simi Valley,** California. The Project property is currently a developed commercial space, with a number of commercial buildings, paved parking areas, and landscaping elements (**Figure 1, Figure 2, Figure 3**, **Figure 4**, and **Figure 5)**. The project intends to redevelop an infill site by removing the majority of an existing commercial retail center and associated parking lot, to construct a multi-family residential structure. The project would also retain and remodel a portion of the existing commercial space. Construction activities would include demolition, grading, foundation work, utilities placement, and landscaping. The project is fully contained on the Simi Valley East USGS quad. The general location is as follows:

Latitude: 34°17'13.00"N
Longitude: 118°42'27.89"W
Township: 3N
Range: 19W
Quad: Simi Valley East

The Phase I Cultural Resource Assessment included a cultural resource record search conducted by the South Central Coastal Information Center (SCCIC), and a Native American cultural resource record search conducted by the California Native American Heritage Commission (NAHC). Both record searches examined the Project property, plus a 0.25-mile study area surrounding the property (see **Figure 1**). The Phase I Cultural Resource Assessment of the Project did not include a physical survey of the project property due to the urban and built-out nature of the property.

Additional databases examined during the Phase I assessment included historic regional maps, historic USGS maps, and historic Google Earth images. The purpose of the record searches is to identify any known cultural resources that have been previously recorded within the proposed project area, to provide cultural resource context for the project, and to assess the overall cultural resource sensitivity of the project region. A cultural resource is often defined as any building, structure, object, or archaeological site older than 50-years in age, and can include historic or prehistoric locations of human habitation.

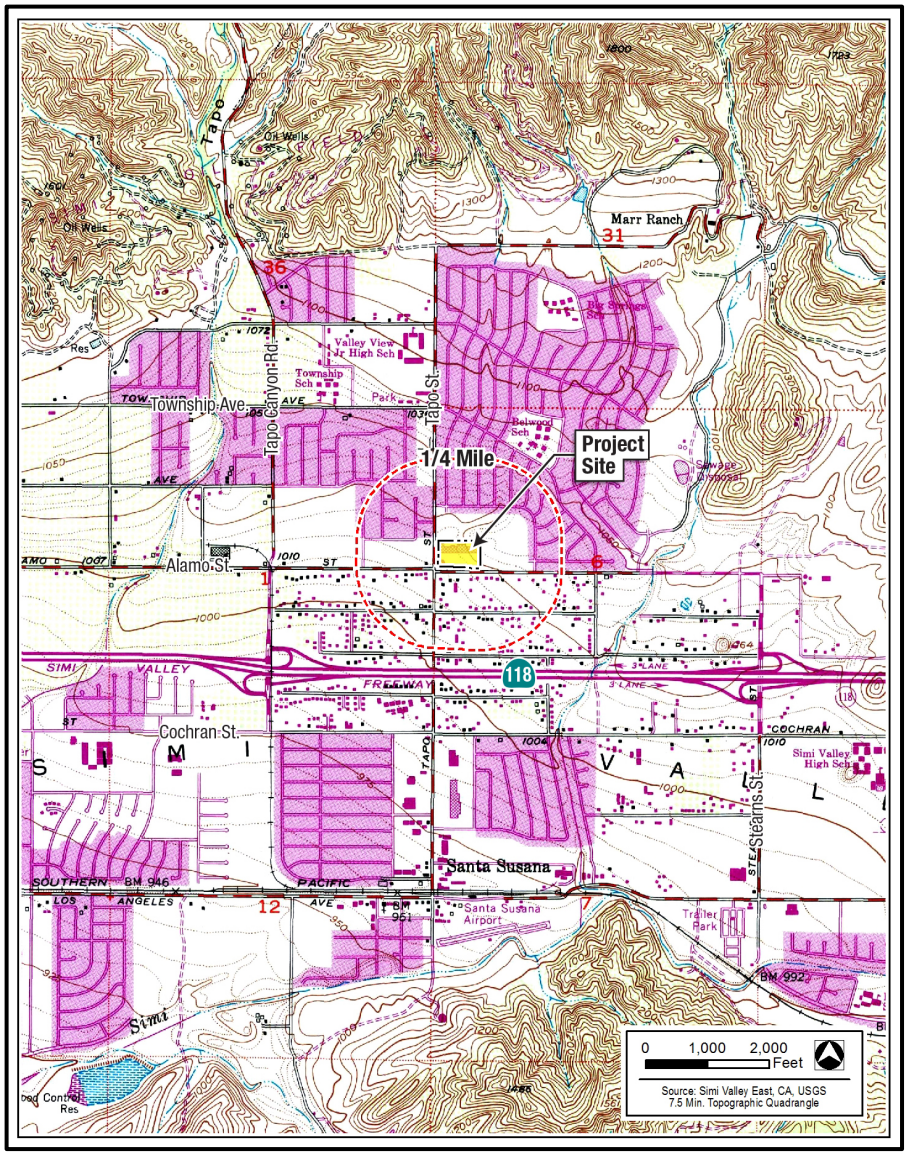


Figure 1: Project Property in* Simi Valley, *California
(1981 USGS Simi Valley East Quadrangle Topographic Map).

Figure 2: Project Property in* Simi Valley*, California (2017 Google Earth Map).

Figure 3: Tapo at Alamo Property, facing northeast, the location of a previous gas station.

Figure 4: Tapo at Alamo Property, Showing Urban Development.

Figure 5: Tapo at Alamo Property, Again Showing Urban Development.

SCCIC and NAHC Record Searches

On March 21, 2018, Envicom contacted the SCCIC with a request to search their database for cultural resources within the project property, plus a 0.25-mile study area for regional context (see **Figure 1**). The record search included a request for all complete site records for cultural resources within the project property, as well as copies of any cultural resource technical reports that intersect the property location. The NAHC was also contacted on March 21, 2018, with a similar record search request.

Envicom received the cultural resource records search results from the SCCIC on April 6, 2018. The record search provided a map of all known cultural resources that are located within the project property and within the 0.25-mile study area, as well as all previously published cultural resource reports.

Further, the SCCIC record search identified that no previously completed cultural resource reports involved the Project property. However, one report, VN-00280, was partially located adjacent to the Project property. A further seven cultural resource reports were located partially within the 0.25-mile Project study area. None of these reports identified cultural resources that required further study as part of the Project. All of the cultural resource reports are provided in **Appendix A** of this letter report.

The results from the 2017 NAHC record search were received on May 2, 2018, with negative findings. The SCCIC and NAHC findings, therefore, determined that ***no previously identified prehistoric or historic cultural resources*** were located within the Project property boundaries, and that the project area should be considered as being ***not-sensitive for prehistoric or early historic cultural resources***.

Copies of the request letter to the SCCIC and to the NAHC are included in **Appendix B** of this report. The response letter from the NAHC is also included in Appendix B. The author's resume is provided in **Appendix C**. Envicom did not contact Native American groups on the NAHC list, as communications with Tribal Group representative under Assembly Bill-52 is the responsibility of the Lead/Permitting Agency (in this case the City of Simi Valley) if required as part of this project. The findings from the SCCIC provided to lead agencies as to a cultural resource's physical location and details are considered confidential by state law and are, therefore, not included in this report.

Historical Map Database Search

Examination of historic maps that contain the project property included thirteen (13) historic USGS maps, dating between 1900 and 1980, and two local Santa Susanna maps from 1903 and 1941. The 1941 USGS Santa Susanna map shows development in the general region, as well as multiple orchards (**Figure 6**). The project area (red "cross" at center of map) is shown to still not be developed at that time, though structures appear to have been located west of the property across Tapo Street and south of the property on across Alamo Street. The 1941 local Santa Susanna map appears to be the same map, with only slight differences.

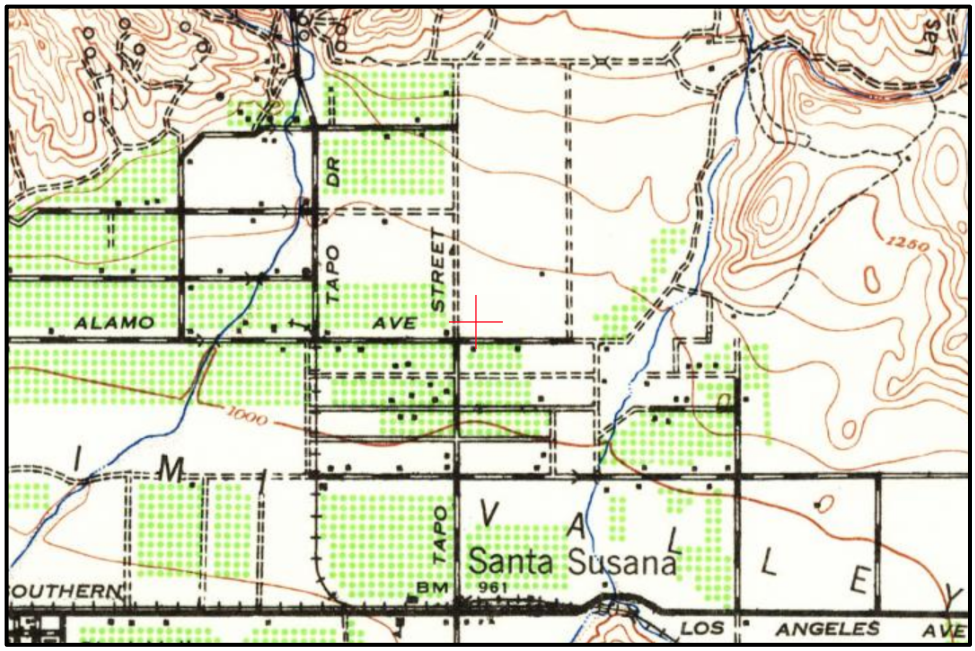


Figure 6: 1941 USGS Santa Susanna Map, Showing Tapo Street at Alamo Location (red "cross" at center of image).

Development of the Project property was first shown on the 1969 Simi Valley East (Santa Susanna) USGS map, including a large structure that appears consistent with the existing commercial structure along the northern boundary of the site, and smaller structures in the southwest corner of the site, which is currently vacant (**Figure 7**). An extension of the commercial building along the eastern boundary, and an additional commercial structure in the western portion of the site, were added later and remain on the site. Google Earth images dating back to 1990 show structures on the southwest corner of the site, previously associated with a gas station, that were removed by 2002. Since historic cultural resources that date to the post-World War II or later time period are not normally considered to be sensitive resources in Southern California, the historic maps and aerial images indicated that the Project property and surrounding area should be considered as ***not-sensitive for older historic cultural resources***, mostly due to the lack of development until the 1940s locally, and the late 1960s for the actual property.

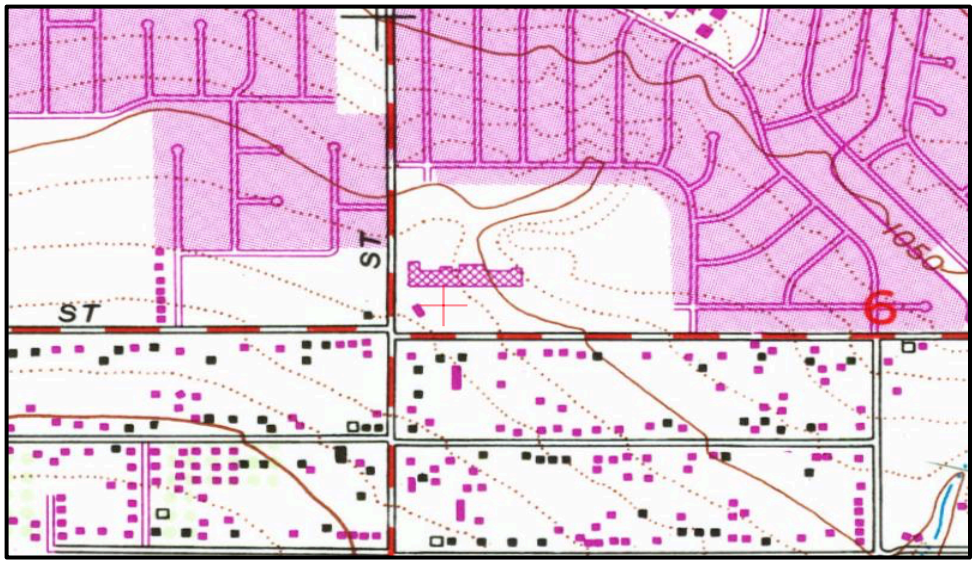


Figure 7: **1969 *USGS* Simi Valley *Map***
(red cross in center shows the property location)

Paleontological Assessment

The project is located within the Transverse Ranges of Southern California, which consist of generally east-west trending mountains and valleys created by north-south compressive deformation linked to the movement of the San Andreas Fault and the motion of the Pacific Plates. More specifically, the project is located between the Simi Foothills and the Santa Susanna Mountains, which are both dominated by sandstone rock formations. Compacted alluvial material, which has migrated from these mountain ranges, make up most of the underlying material of the Simi Valley floor, which is where the Project is located.

Examination of the 2005 Yerkes and Campbell USGS map shows that the Project is entirely within later alluvial material (Qa) (**Figure 8**). This material is not considered as being sensitive for paleontological resources. The project property is, therefore, located within an area that should be considered ***not-sensitive for paleontological fossil resources***.

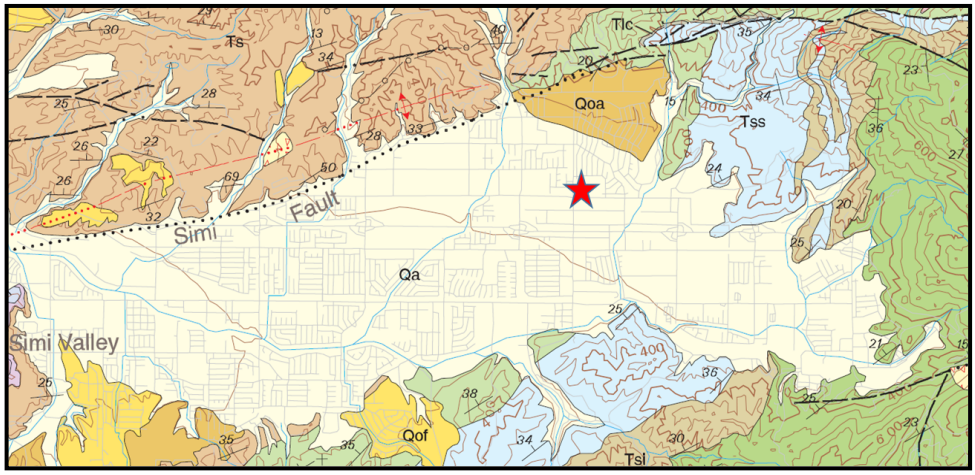


Figure 8: The 2005 Yerkes and Campbell Geological Map of Simi Valley (project area is marked)

CONCLUSION

The results of the SCCIC, NAHC, and Historic maps and images record searches were all negative for cultural resources within, adjacent, or near to the Project property. Further, the surrounding area was not found to be sensitive for either prehistoric or early historic cultural resources. These findings do not warrant archaeological monitoring during construction. However, Envicom does recommend the following precautions take place during grading:

Inadvertent Discovery Protocol for Archaeological or Paleontological Resources

The inadvertent discovery of archaeological resources is always a possibility during ground disturbances; California Penal Code Section 622.5 addresses these findings. Older alluvial material can also lead to the discovery of paleontological resources during ground disturbance. If buried materials of potential significance are inadvertently discovered within an undisturbed context during any earth-moving operation associated with the proposed project, then all work in that area shall be halted or diverted away from the discovery to a distance of 50-feet until a qualified senior archaeologist/paleontologist can evaluate the nature and/or significance of the find(s). If, upon assessment by a qualified senior archaeologist/paleontologist, the find is not determined to be significant, then construction may resume.

If the find is determined to be potentially significant, then the Lead/Permitting Agency will be immediately notified of the discovery. Construction will not resume in the locality of the discovery until consultation between the senior archaeologist/paleontologist, the project manager, the Lead/Permitting Agency, the Applicant's representative, and all other concerned parties, takes place and a reaches a conclusion approved by the Lead Agency.

If a significant cultural or paleontological resource is discovered during earth-moving, complete avoidance of the find is preferred. However, further survey work, evaluation tasks, or data recovery of the significant resource may be required by the Lead Agency if the resource cannot be avoided. In response to the discovery of significant cultural or paleontological resources, the Lead Agency may also add additional regulatory compliance for use during further site development, which may include Native American monitoring (if appropriate).

Any monitoring required will be outlined in a Construction Phase Monitoring Plan, which will also be submitted to the Lead Agency for review prior to the recommencement of ground-disturbance activities. Any Evaluation, Data Recovery, Site Management, or Monitoring Plans or Reports generated in response to the discovery of a significant cultural resource will be submitted to the Lead Agency for review and final curation as part of the project record. All such documents associated with the discovery of cultural resources will be transmitted to the appropriate State of California information centers at the end of the Project.

Inadvertent Discovery of Human Remains

The inadvertent discovery of human remains is always a possibility during ground disturbances; State of California Health and Safety Code Section 7050.5 addresses these findings. This code section states that in the event human remains are uncovered, no further disturbance shall occur until the County Coroner has made a determination as to the origin and disposition of the remains pursuant to PRC Section 5097.98. The Coroner must be notified of the find immediately, together with the Lead Agency and the property owner.

If the human remains are determined to be prehistoric, the Coroner will notify the NAHC, which will determine and notify a Most Likely Descendant (MLD). The MLD shall complete the inspection of the site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials and an appropriate re-internment site. The Lead Agency and a qualified archaeologist shall also establish additional appropriate measures for further site development, which may include archaeological and Native American monitoring or subsurface testing, conducted and paid for by the applicant. All responses to the discovery of human remains will be outlined in a Recovery and/or Management Plan submitted to the Lead Agency for review. Any required monitoring will be outlined in a Construction Phase Monitoring Plan, which will also be submitted to the Lead Agency for review prior to the recommencement of ground-disturbance activities.

Envicom appreciates the opportunity to complete this Phase I Cultural Resource Assessment for the Project. Should you have any questions, don't hesitate to contact me.

Sincerely,

Dr. Wayne Bischoff
Director of Cultural Resources

ATTACHMENTS:

Appendix A: List of previous completed cultural resource reports within the project study area.
Appendix B: NAHC and SCCIC request letters and NAHC response letter.
Appendix C: Resume of Dr. Wayne Bischoff (author).

Appendix A
List Of Previous Completed Cultural Resource Reports Within the Project Study Area

envicom
CORPORATION

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
VN-00079		1976	Ivie, Pamela J.	An Archaeological Record Search of the "Freeway Land Use Study" Area	University of California, Los Angeles Archaeological Survey	56-000226, 56-000341, 56-000342, 56-000343, 56-000344, 56-000345
VN-00280		1980	Kuhn, Michael W.	Response Letter of April 21, 1980 Map of Simi Valley Showing the Areas Which Have Been Surveyed	City of Simi Valley	56-000511, 56-000550, 56-000562, 56-000655, 56-000675, 56-000678
VN-00703		1989	Kuhn, Michael W.	Archaeological Reconnaissance Report: Pd-s-763/ld-s-423	City of Simi Valley	
VN-01483		1994	Anonymous	The Rancho Tapo and its History	History Associates Incorporated	
VN-01989		2001	Whitley, David S.	Phase I Archaeological Survey of APN 616-062-095, City of Simi Valley, Ventura County, California	W&S Consultants	
VN-01991		2000	Whitley, David S.	Phase I Archaeological Survey of APN-625-010-02, 26, 38, & 39 City of Simi Valley, Ventura County, California	W&S Consultants	
VN-02173		2001	Brown, Joan C.	Cultural Resources Literature Review and Reconnaissance for the Simi Valley Towne Center	RMW/SWCA, Inc. Environmental Planners	
VN-02371		2004	Gust, Sherri	Archaeological Evaluation Report and Mitigation Plan for the Tapo Street Office Project, City of Simi Valley, California	Cogstone Resource Management, Inc.	

Appendix B
NAHC and SCCIC Request Letters and NAHC Response Letter

May 21, 2018

Native American Heritage Commission
1550 Harbor Boulevard, Room 100
West Sacramento, CA 95691

Subj: **Proposal for a Phase I(a) Cultural Resources Assessment and Biological Inventory of Tapo Street/ Alamo Street, Simi Valley, California (*Envicom Project #57-805-001***

Greeting,

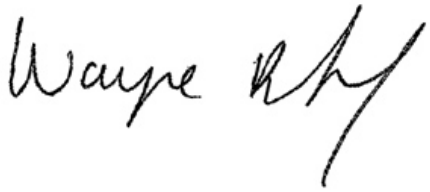
Envicom is requesting a record review of your records for cultural resources for the Project area, plus a **0.25-mile buffer**. We also request a list of Tribal Group representatives for the area in case we need to contact their offices.

The Project is located at:

Latitude: 34°17'13.00"N
Longitude: 118°42'27.89"W
Township: 3N
Range: 19W
Quad: Simi Valley East

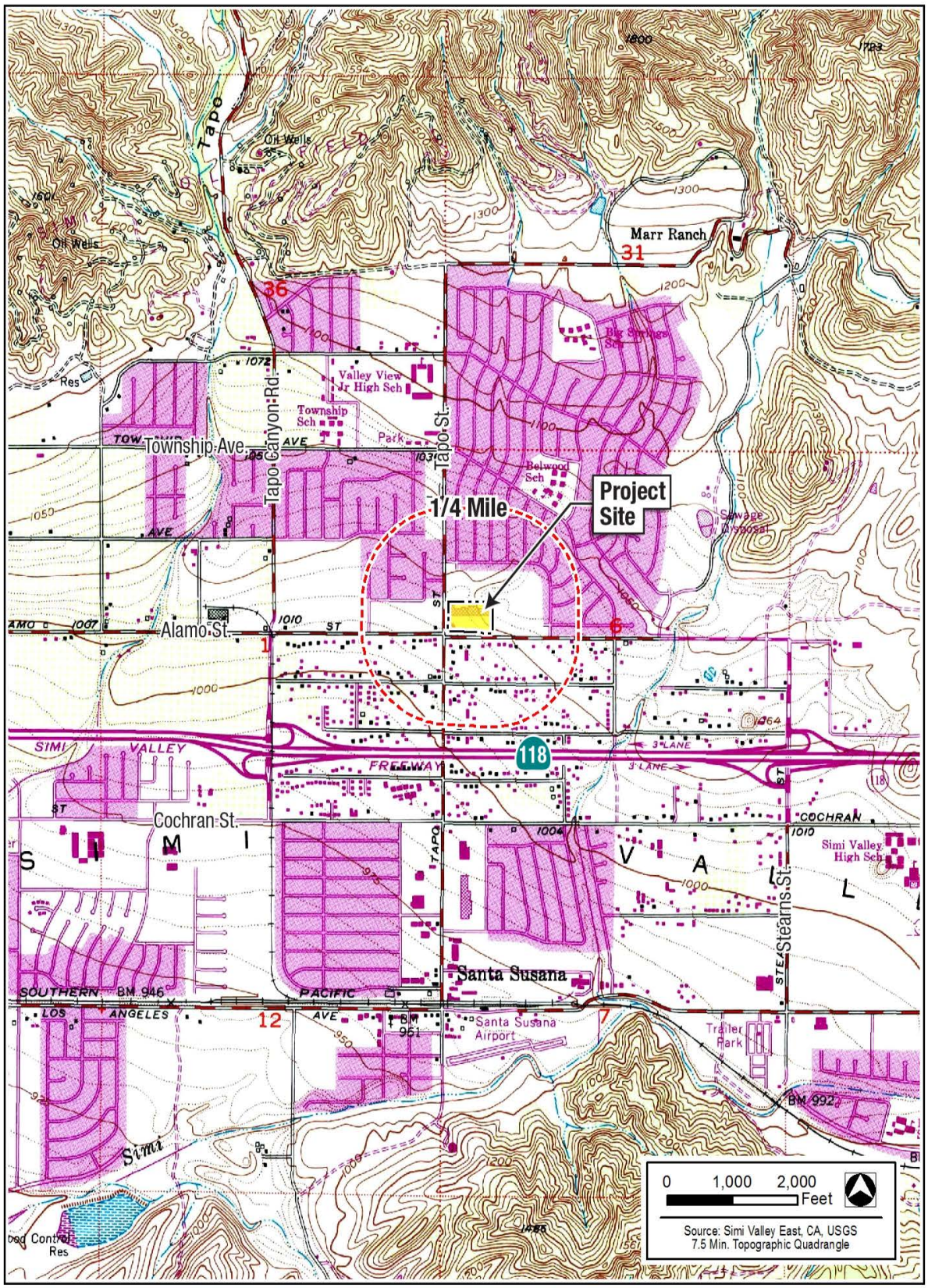
Envicom appreciates the NAHC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 (wbischoff@envicomcorporation.com).

Sincerely,



Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



Project Site
1/4 Mile
Township Ave.
Tapo Canyon Rd.
Tapo St.
Alamo St.
Cochran St.
Stearns St.
Marr Ranch
Valley View Jr High Sch
Township Sch
Belwood Sch
Big Springs Sch
Sewage Disposal
Simi Valley High Sch
Santa Susana
Santa Susana Airport
Trailer Park
SIMI VALLEY FREEWAY
118
SOUTHERN PACIFIC
LOS ANGELES AVE
Oil Wells
Res
Simi
0 1,000 2,000 Feet
Source: Simi Valley East, CA, USGS
7.5 Min. Topographic Quadrangle

March 21, 2018

Stacy St. James, Coordinator
South Central Coastal Information Center
C.S.U.F, Dept. of Anthropology, MH 426
800 N. State College Blvd.
Fullerton, CA 92834-6846

Attn: Ms. St. James

Subj: **Proposal for a Phase I(a) Cultural Resources Assessment and Biological Inventory of Tapo Street/ Alamo Street, Simi Valley, California (*Envicom Project #57-805-001)***

Dear Ms. St. James:

Envicom is requesting an **EXPEDITED** record search of the SCCIC database for cultural resources within the attached Project area, plus a **0.25-mile buffer**. The Project is located at:

Latitude: 34°17'13.00"N
Longitude: 118°42'27.89"W
Township: 3N
Range: 19W
Quad: Simi Valley East

We are requesting to receive the following: Resource Database Printout (list), Resource Database Printout (details), Resource Digital Database (spreadsheet), Report Database Printout (list), Report Database Printout (details), Historical Maps.

We also request the complete reports and/or site records for any cultural resources found within the project area only.

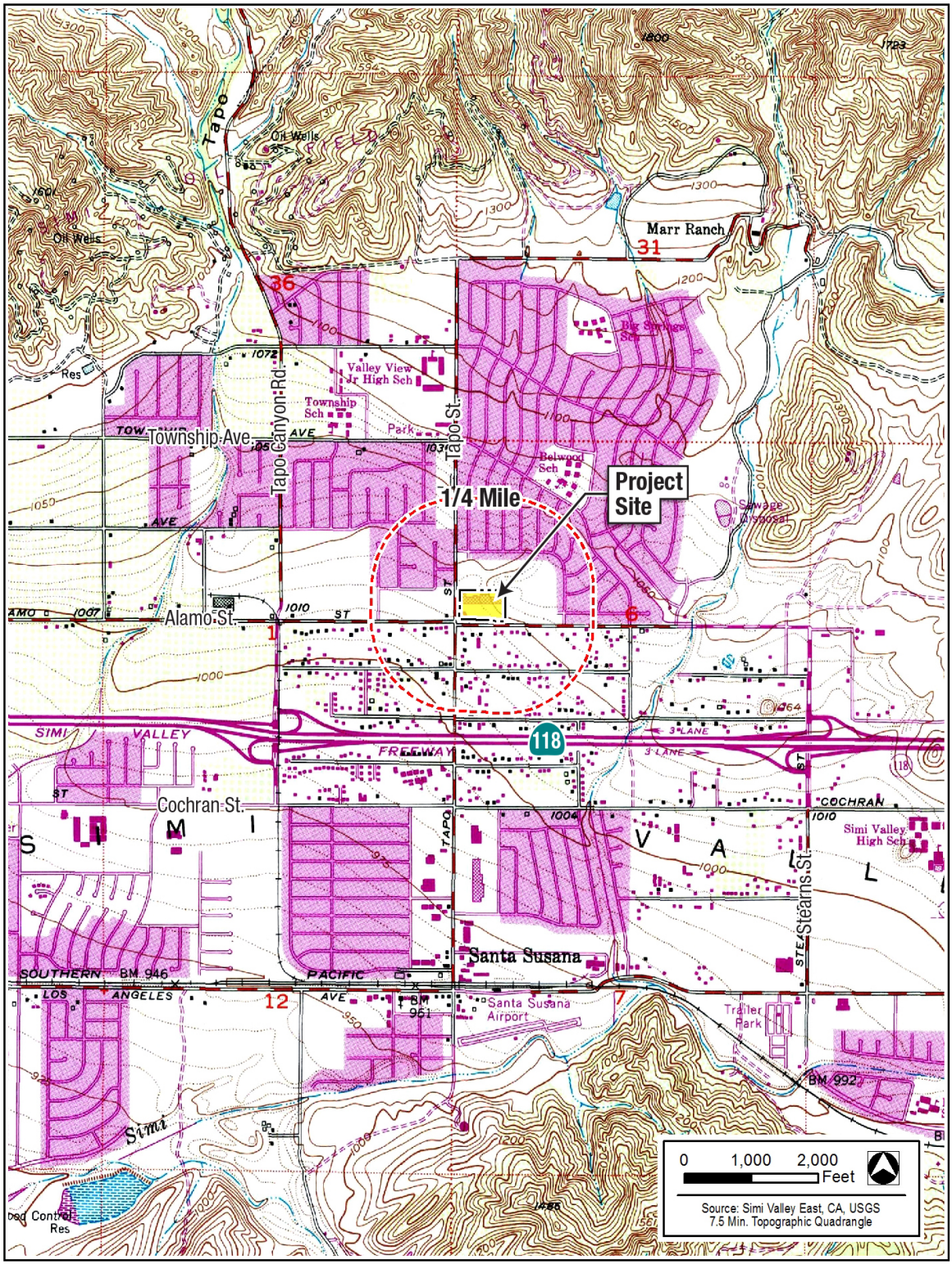
Envicom appreciates the SCCIC's help with this request. For correspondence or questions regarding this Project, please contact Wayne Bischoff at 818-879-4700 (wbischoff@envicomcorporation.com).

Sincerely,

Wayne Bischoff

Dr. Wayne Bischoff
Director of Cultural Resources

Attachment:
Project vicinity map on 1:24,000 topographic map



Project Site
1/4 Mile
Township Ave.
Tapo Canyon Rd.
Tapo St.
Alamo St.
Cochran St.
Stearns St.
Marr Ranch
Valley View Jr High Sch
Township Sch
Belwood Sch
Big Springs Sch
Sewage Disposal
Simi Valley High Sch
Santa Susana
Santa Susana Airport
Trailer Park
SIMI VALLEY FREEWAY
118
SOUTHERN PACIFIC
LOS ANGELES AVE
Oil Wells
Res
Simi
0 1,000 2,000 Feet
Source: Simi Valley East, CA, USGS
7.5 Min. Topographic Quadrangle

STATE OF CALIFORNIA Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-5471

April 23, 2018

Dr. Wayne Bischoff
Envicom Corp.

Email to: wbischoff@envicomcorporation.com

RE: Tapo Street Alamo Street Simi Valley, Ventura County

Dear Dr. Bischoff,

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not preclude the presence of cultural resources in any project area. Other sources for cultural resources should also be contacted for information regarding known and/or recorded sites.

Enclosed is a list of Native Americans tribes who may have knowledge of cultural resources in the project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these tribes, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at 916-573-1033 or frank.lienert@nahc.ca.gov.

Sincerely,

Frank Lienert
Associate Governmental Program Analyst

Native American Heritage Commission
Native American Contacts
4/23/2018

Santa Ynez Band of Chumash Indians
Kenneth Kahn, Chairperson
P.O. Box 517 Chumash
Santa Ynez , CA 93460
kkahn@santaynezchumash.org
(805) 688-7997

(805) 686-9578 Fax

Barbareno/Ventureno Band of Mission Indians
Julie Lynn Tumamait-Stenslie, Chair
365 North Poli Ave Chumash
Ojai , CA 93023
jtumamait@hotmail.com
(805) 646-6214

Barbareno/Ventureno Band of Mission Indians
Patrick Tumamait
992 El Camino Corto Chumash
Ojai , CA 93023
(805) 216-1253 Cell

Coastal Band of the Chumash Nation
Mia Lopez
, Chumash
No Contact Information
(805) 324-0135

Barbareno/Ventureno Band of Mission Indians
Eleanor Arrellanes
P.O. Box 5687 Chumash
Ventura , CA 93005
(805) 701-3246

Barbareno/Ventureno Band of Mission Indians
Raudel Joe Banuelos, Jr.
331 Mira Flores Court Chumash
Camarillo , CA 93012
(805) 427-0015

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was pr oduced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
Tapo Street Alamo Street Simi Valley, Ventura County

Appendix C
Resume of Dr. Wayne Bischoff (author)

Wayne Bischoff, Ph.D.

Director of Cultural Resources

Dr. Bischoff has over 20 years of experience managing cultural resource projects and ensuring compliance with Section 106 of the National Historic Preservation Act (NHPA), the California Environmental Quality Act (CEQA), the National Environmental Protection Act (NEPA), and state, county, city, and local government cultural laws, guidelines, and procedures. He has managed cultural, paleontological, and built environment projects throughout Southern California, including the Counties of Los Angeles, Kern, Ventura, Imperial, San Diego, Orange, Santa Barbara, Riverside, and San Bernardino. Dr. Bischoff has been the principal or project manager for hundreds of cultural resource projects in California, including literature searches, surveys, evaluations, and data recoveries, built environment and historic architectural inventories, HABS projects, paleontological surveys, and historic structure evaluations.

Dr. Bischoff's project experience includes extensive experience with transmission lines, renewable energy projects, and public works projects, including storm and sewer projects, recharge basins, wetlands restoration, highways and bridges, dams and levees, park and trail development, and educational facilities. He also has broad experience with residential and commercial developments projects, Department of Defense projects (Army, Navy, Marines, and National Guard), telecommunication lines, and projects with Army Corps of Engineers (ACOE) and California Coastal Commission (CCC) oversight.

Dr. Bischoff's experience includes consultation with state and federal agencies, including the State Historic Preservation Office, the Bureau of Land Management (BLM), the GSA, the USDA, Fish and Wildlife, the California Public Utilities Commission (CPUC), the National Park Service (NPS), the U.S. Forest Service (USFS), Federal Highway Administration (FHA), and CALTRANS. He has also written sections of CEQA and NEPA documents, MNDs, and Memorandums of Agreements/Understanding (MOA/MOU), and is a Native American AB-52/SB-18 consultation expert. Dr. Bischoff has worked with all the Tribal Groups Southern California, and has provided Native American consultation for the City of Los Angeles, numerous project clients, and many cities and municipalities throughout Southern California.

Development Projects

- **Conrad N. Hilton Foundation Trails Project Cultural Assessment, Agoura Hills, Los Angeles County, CA.** Project Manager for the assessment of new pedestrian access trails linking off-site office space with the Foundation campus buildings. (Spring 2016)
- **Pepperdine University Campus Life Project: Cultural Resource Monitoring, Los Angeles, CA.** Principal and Project Manager for cultural resource monitoring of Phase I of the Pepperdine Campus Life housing, facilities, and trail development project. (Spring 2016)
- **Deer Lake Residential Development Cultural Monitoring, Los Angeles, CA.** Principal and Project Manager for the cultural monitoring of eight cultural resources within the project development boundary. Included the writing of a Construction Phase Management and Monitoring Plan. (Spring 2016)
- **Canyon Park Homes, Sylmar, Los Angeles County, CA.** Native American Tribal Group consultation and pre-construction monitoring for this 80-acre residential property development, as well as EIR section writing. (February 2015 – Current)

- **Paradise Valley Development Project Environmental Impact Report and Impact Statement, Riverside County, CA.** Author of the cultural section for this EIR for a housing and mixed use development of over 2200-acres east of Indio, California. Also reviewed original technical documents, and incorporated legal and agency comments. Mitigation measures included the management and monitoring of dozens of cultural resources, sensitive soils, and paleontological resources. (October 2014 – Current)
- **Floral Canyon Residential Development Cultural Resource Survey, North Hollywood, CA.** Principal and Project Manager for this Phase Ia cultural resource survey of an 8-acrea property. (September – December 2015).
- **Lynn Road Residential Development Project, Newbury Park, CA.** Principal and Project Manager for the Phase Ia and Phase Ib survey of this 10-acre parcel. A large Middle-Period seasonal settlement was discovered, which required subsurface testing and extensive mapping of surface hearths, yucca roasters, and dwelling features. (September – October 2015).
- **Marinette Road Residential Development, Pacific Palisades, Los Angeles County, CA.** Principal and project manager for this development project, which included a record search, site survey, Tribal Group scoping letters, and agency consultation. The major challenge was that the project property was within the Will Rogers State Monument and National Register site boundary. (February 2015 – May 2015)
- **Village at Los Carneros, City of Goleta, Santa Barbara County, CA.** Reviewed all previous technical studies and wrote part of the cultural sections of the Environmental Impact Report for this residential house development project. (March 2014 – April 2014)
- **3121 Old Topanga Canyon Road Phase I Survey and Literature Search, City of Calabasas, Los Angeles County, CA.** Principal and Project manager for this residential development project, including NAHC letters, literature review, site survey, paleontological survey and literature search, final technical report, and the writing of the cultural resources section of the Environmental Impact Report. (March 2013 – April 2013)
- **Newport Beach Yacht Club Evaluation, Community Development Department, City of Newport Beach, Orange County, CA.** Principal for this historic architecture project involving the built environment evaluation of the Newport Beach Yacht House. (October 2013 – October 2013)
- **Blossom Plaza Historic Structure Evaluation, China Town, City of Los Angeles, CA.** Principal for this historic architecture project involving the updating of technical reports and a standing structure evaluation. (July 2013 – September 2013)
- **Moreno Valley Residential Building Evaluation, City of Moreno Valley, Riverside, CA.** Principal for the architectural assessment of the J. Langdon Ranch located at 11761 Davis Street, in the city of Moreno Valley, Riverside County, California. (April 2013)
- **Scripps Hospital Paleontological and Archaeological Monitoring, Worley-Parsons, City of Encinitas, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the cultural and paleontological monitoring of this large development project. (2011 - 2013)

Energy Projects

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Environmental Intelligence / Southern California Edison, Kern County, CA.** Principal and Project Manager. This two-year project included cultural resource surveys, the evaluation of numerous cultural sites, and cultural and paleontological monitoring for the construction of over 130-miles of new power poles and fiber optics lines to service Tehachapi Mountain wind farms. (January 2013 – October 2013)
- **Pure Source Power, Victorville, San Bernardino, CA.** Principal and Project Manager for a cultural survey and record search of 140-acres north of Palm Springs for solar development. (September 2013 – October 2013)
- **Dry Ranch Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 64-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. This project included coordination with Southern California Edison for a gen-tie line and telecom attachments. (March - April 2013)
- **Plainview Solar Project, Silverado Power, Los Angeles County, CA.** Principal. Dr. Bischoff managed this 114-acre solar project near Lancaster, which included a record search, field survey, and cultural report to meet CEQA compliance. (April - May 2013)
- **Silverleaf Solar Project, Cultural and Paleontological Survey, Agile Energy, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided general review and quality control for a large solar project south of San Diego. This project involved an over 2,000-acre survey of proposed solar fields and 5-miles of electrical transmission gen-tie lines. The Bureau of Land Management was the principal federal agency. (November 2011 - July 2012)
- **Desert Harvest Solar Project, Build Environment Survey, eneXco Energy, Riverside County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 1,600-acre solar field and 12-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - June 2012)
- **Silverleaf Solar Project, Built Environment Survey, Agile Energy, Imperial County, CA.** Project Manager. Dr. Bischoff was the project manager for the built environment survey of 2,000-acre solar field and 5-miles of electrical transmission gen-tie lines. This included the production of a separate technical report for the Bureau of Land Management that included a historic structure inventory, assessment of significance, and an indirect effects analysis. (November 2011 - July 2012)
- **IVSC2 Solar Project, County of Imperial, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff provided oversight of the 140-acre solar project east of the Salton Sea. This project was notable for the quick response time required to field a survey crew and complete a draft report for the County. (Sept-Oct 2012)
- **Tehachapi Renewable Transmission Project (TRTP), Southern California Edison, Kern, Los Angeles, and San Bernardino Counties, CA.** Principal and Project Manager. Dr. Bischoff was responsible for all office and field operations that ensured the successful inventory and management of cultural resources related to this 300-mile transmission line project, including the management of standing historical structures and paleontological resources. He managed an annual budget in excess of $4 million, a staff of up to 40 persons, wrote compliance documents (Programmatic Agreement Appendices, ARPA permits, Project Agency Yearly Reports, and Management Plans), and managed

hazmat situations. Dr. Bischoff completed over 150 individual projects in southern California including survey, evaluation, mitigation, and resource monitoring. (November 2009 - June 2011)

- **East Kern Wind Resource Area (EKWRA) Power Pole Replacement Project, Southern California Edison, Kern County, CA.** Principal and Project Manager. Dr. Bischoff managed original technical studies for a project designed to replace hundreds of power poles in the Tehachapi Mountains area in support of new wind farm construction. He conducted large area surveys, some on BLM properties, and developed a management plan for dozens of archaeological sites. Bureau of Land Management was the principal federal agency. (February 2010 - June 2011)
- **Operations and Maintenance Contract, Southern California Edison. Southern California.** I acted as the Principal for all work orders issued to our office under the O/M contract. A major task under this contract was the response to the Crown Fire in 2010. I worked directly with SCE during and immediately after the fire to evaluate and protect cultural resources. (Jan 2010 - June 2011)

Telecommunication Projects

- **AT&T Fiber-optics Renewal Project, Evaluations, Mitigations, and Monitoring, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff will provide project management, technical writing, and quality control for the cultural and paleontological evaluations, data recoveries, and monitoring efforts for the AT&T fiber renewal project. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal federal agencies. (July 2013 – October)
- **San Diego Churches and Public Building Historic Structure Evaluations, DePratti Inc., City of San Diego, CA.** Principal Investigator. Dr. Bischoff acted as Principal and QA/QC manager for this project, which involved the evaluation of dozens of historic structures as part of the DePratti Communication telecommunication attachment project in the City of San Diego. (November 2011 – October 2013)
- **AT&T Fiber-optics Renewal Project, Surveys, Literature Searches, and Technical Studies, AT&T, San Bernardino County, CA.** Cultural Principal and Project Manager. Dr. Bischoff provided general project management and quality control for the cultural, paleontological, and ethnographic surveys, literature searches, and technical studies. This project involved the survey of over 90 miles of proposed new fiber-optic line between Barstow and Las Vegas, NV, and the management of over 100-cultural sites. Bureau of Land Management and Mojave National Preserve were the principal federal agencies. (April 2012 – July 2013)
- **Digital 395 Broadband Stimulus Project, Praxis and California Broadband Corporation, California and Nevada.** Cultural Director. Dr. Bischoff acted as the California report manager of the cultural division, directed fieldwork, and authored management documents and reports. This project involved the new installation of over 650 miles of fiber-optic line across California and Nevada. The programmatic agreement of this complex project included 10 federal, state, and tribal agencies, with another seven acting as interested parties, and the management, evaluation, and monitoring of over 170 cultural sites. NTIAA was the principal federal agency, but also involved twelve other California and Nevada state and federal agencies and Tribal Groups. (November 2011 – April 2012)

Defense Projects

- **Edwards Airforce Base Telecommunication Cultural Monitoring, Team Fischel Company, Edwards AFB, Kern County, CA.** Project Manager and Principal for the cultural monitoring of 40-miles of telecommunication trenching on Edwards AFB, including pre-construction meetings and a final monitoring report. (May 2013 – Sept. 2013)
- **Fort Irwin Cell Tower Surveys and Monitoring, Northrop-Grumman and Fort Irwin Army Post, San Bernardino County, CA.** Principal. This project involves the cultural and paleo survey of over 24 new cell tower locations and associated access roads on Fort Irwin, as well as construction phase monitoring. (April 2013 – October 2013)
- **Marine Corps Base, Camp Pendleton, Cultural Resources Consultation, Marine Corps Base, Pendleton, San Diego County, CA.** On-Call Senior Cultural Resources Consultant. Dr. Bischoff provided senior-level cultural resource consultation related to Camp Pendleton's Basewide Utilities Infrastructure Improvements project. He provided consulting on cultural resource management for several waste treatment and utility line systems as part of the Camp's "Grow the Force" initiative. (2011 – October 2013)

Water Projects

- **Pacoima Spreading Grounds Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record search and CEQA cultural section mitigation measures of an EIR for the improvement of the Pacoima spreading grounds and related canal resources. (April 2013 – October 2013)
- **Devil's Gate Reservoir Sediment Removal and Management Project, LACDPW, Los Angeles County, CA.** Principal of Cultural Resources. This project involved removal of sediment within the Devil's Gate Reservoir area, which required a preliminary cultural survey and record search under CEQA, as well as an EIR. Dr. Bischoff served as the cultural principal for the project and provided a recommended plan for dealing with sedimentary soils vs. native soils, monitoring criteria, and potential discovery situations. Dr. Bischoff helped write Environmental Impact Report sections, and worked with the Gabrieliño Tribal Group in the protection of archaeological and tribal cultural resources. (2011 – October 2013)
- **Peck Road Spreading Basin Improvement Project, LACDPW, Los Angeles County, CA.** Cultural Principal. Dr. Bischoff managed the cultural resources record searches, field survey, paleontological survey, and CEQA cultural section mitigation measures of an MND for the improvement of the Peck Road Spreading Basin, including a related new water discharge pipe. (June 2013 – September 2013)
- **Marina Del Rey Waterline Replacement Project Cultural Monitoring, LACDPW, Los Angeles County, CA.** Cultural Principal. This project with the Los Angeles Department of Public Works involved the cultural monitoring for the Marina Del Rey 18-inch Waterline Replacement. Chambers Group also provided a qualified archaeological monitor at the project site during excavation activities during construction. (March - May 2013)
- **Dieguito Wetlands Restoration Monitoring, Southern California Edison, Del Mar, San Diego County, CA.** Principal Investigator and Project Manager. This project involved the extensive rehabilitation of Southern California Edison property as part of the Dieguito Wetlands Restoration project. (April 2012 - January 2013)

- **Los Penasquitos Wetlands Monitoring, AMEC, Del Mar, San Diego County, CA.** Principal Investigator. Dr. Bischoff managed the monitoring tasks, budgets, and professional standards for this project near the City of Del Mar as part of the Torrey Pines State Nature Reserve restoration. (October - December 2012)
- **San Gorgonio Creek Water Recharge Basin Construction Monitoring, Beaumont Cherry Valley Water District, Cherry Valley, Riverside County, CA.** Principal and Project Manager. This project involved paleontological and archaeological construction monitoring during construction, including emergency evaluation and monitoring when early 19Th Century structures and materials were unexpectedly encountered during earth moving. (February 2012 – April 2012)
- **Penmar Golf Course Water Quality Improvement Project, Pacific Hydrotech and City of Santa Monica, Santa Monica, CA.** Principal Investigator. Dr. Bischoff managed QA/QC review, budgets, and professional standards for the project in the City of Venice. Penmar was a multi-year waterline and tank improvement project in which evidence of ethnic Japanese barrios and fossil Pleistocene animal bones were discovered. (November 2011 - November 2012)
- **Oxford Retention Basin Flood Protection Project, LACDPW, Los Angeles County, CA.** Principal and Project Manager. The Oxford Basin in Marina Del Rey was receiving enhancement, and Dr. Bischoff managed the completion of the cultural survey, literature review, and construction monitoring for the project. (2011 - 2012)
- **San Jose Salt Barge HAER Documentation Project, USACE and Santa Clara Valley Water District, City of San Jose, CA.** Principal. Dr. Bischoff consulted on the excavation and evaluation of a shallow-water shipwreck discovered during a wetlands rehabilitation project. This project involved USACE, San Francisco District as lead agency and the Water District as client. (January – February 2011)

Public Works Projects

- **Oakwood Schools Built Environment and Archaeological Assessment.** Principal and Project Manager for the Phase I built environment and archaeological assessment of the project property prior to the construction of a new middle and high school campus. Challenging tasks were assessing indirect effects of the project on an adjacent historic district, and addressing a modern human cremation garden in the report. (November 2015 – February 2016)
- **CEQA Services for Improvements to Polytechnic and Wilson High Schools, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight and incorporation of the historic architecture technical reports into the project CEQA documents. (June 2013 – August 2013)
- **Mill Creek Crew Room Cultural Monitoring, Angeles National Forest (ANF), Los Angeles County, CA.** The County of Los Angeles Department of Public Works proposed to replace the crew room building within the Angeles Forest Mill Creek Summit Maintenance Yard facility. This CEQA/NHPA project involved the preparation of a treatment and discovery plan document, ARPA permitting, constant consultation with the ANF, construction monitoring, and a final monitoring report. (April – July 2013)
- **Roosevelt School, LBUSD, City of Long Beach, CA.** Cultural Principal. Dr. Bischoff provided oversight, authorship, and counsel on the EIR for the demolition of the Roosevelt Elementary School in Long Beach. This proved to be a complex project, involving an historic built environment resource evaluation and mitigation plan, legal investigation, and extensive responses to public comments. This process resulted in a HABS/HAER mitigation project. (November 2011 - June 2012)

Transportation Projects

- **Foothill Toll Road Cultural and Paleontological Monitoring, Ghiradelli and Associates, Orange County, CA.** Principal and Project Manager for cultural monitoring related to the upgrade of all toll road payment stations in Orange County. (October 2013 – October 2013)
- **9th Street Extension Historic Structure Inventory and Evaluation, City of Holtville, Imperial County, CA.** Principal and Project Manager. Dr. Bischoff managed and provided QA/QC for this project involving a Caltrans inventory of project APE historic built environment resources, and the historic evaluation of a canal feature. Final deliverables included a Historic Resources Evaluation Report and a Historic Property Survey Report to CALTRANS standards. (June 2013 – August 2013)
- **Francisquito Bridges Replacement (3-Total), LADWP/CALTRANS, Los Angeles County, CA.** Principal. Dr. Bischoff managed and oversaw the completion of this project in the Angeles Forest. This project involved the replacement of three existing bridges on San Francisquito Canyon Road over San Francisquito Canyon Creek. The proposed improvement project involved widening the two lane bridges, improvement of approachment roadway, and the placement and installation of retaining walls, concrete barriers with tubular-steel handrails, and metal beam guardrails. (2011 – September 2013)
- **Murrieta Whitewood Road Extension, City of Murrieta, Riverside County, CA.** Principal and Project Manager. This road extension project involved a cultural resource survey and records search, a paleontological field study, and Native American Consultation due to the historic use of the nearby Murrieta Hot Springs by local Native Americans. (April – June 2012)