Appendix D:
Cultural Resources Supporting Information
D.1 - NWIC Records Search Results
## Resource List

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<td>A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas, Vol. III. Socioeconomic Conditions, Chapter 7: Historical &amp; Archaeological Resources</td>
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Alameda Billboards
Records Search Results Map: Reports

USGS 7.5' Maps:
Hayward 2015
GLO: San Lorenzo Land Grant
NAD 1983, Zone 10 S

S-002809, S-031143, and S-030655

Cultural Resources Practitioners, LLC.
C. Mikulik 6/4/2018
Alameda Billboards
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Project Location
1/2-mile Records Search Extent
Cultural Resources

Cultural Resources Practitioners, LLC.
C. Mikulik 6/4/2018
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<td>HP02; HP06</td>
<td>2000 (Andrew Hope, Caltrans District 4); 2000 (Andrew Hope, Caltrans District 4)</td>
<td>S-030655, S-031182, S-031379</td>
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<td>Resource Name - 918 East Lewelling Blvd.; Other - Map Reference 9; Other - Map Reference 23</td>
<td>Building</td>
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<td>HP02</td>
<td>2000 (Andrew Hope, Caltrans District 4); 2000 (Andrew Hope, Caltrans District 4)</td>
<td>S-030655, S-031182, S-031379</td>
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## Resource List

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<th>Type</th>
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<th>Attribute codes</th>
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<th>Reports</th>
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<td>1989 (Anne Bloomfield, Archaeological / Historical Consultants)</td>
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</tbody>
</table>

Page 2 of 2
D.2 - NAHC and Tribal Correspondence
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May 29, 2018

Dana DePietro
First Carbon Solutions

Sent by Email: ddepietro@fcs-intl.com

Re: Out-front Media LED Billboard Project, Alameda County

Dear Mr. DePietro,

Attached is a consultation list of tribes with traditional lands or cultural places located within the boundaries of the above referenced counties. Please note that the intent of the referenced codes is to avoid and or mitigate impacts to tribal cultural resources, as defined, in the California Environmental Quality Act (CEQA).

As of July 1, 2015, Public Resources Code Sections 21080.1, 21080.3.1 and 21080.3.2 require public agencies to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose of avoiding or mitigating impacts to tribal cultural resources:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section. (Public Resources Code Section 21080.1(d))

The law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction. The NAHC believes that this is the best practice to ensure that tribes are consulted commensurate with the intent of the law.

In accordance with Public Resources Code Section 21080.1(d), formal notification must include a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation. The NAHC also believes that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the Area of Potential Effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

   - A listing of any and all known cultural resources that have already been recorded or are adjacent to the APE, such as known archaeological sites;
Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;

Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and

If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:
   - Any report that may contain site forms, site significance, and suggested mitigation measures.
     All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code Section 6254.10.

3. The results of the Sacred Lands File (SLF) check conducted through the Native American Heritage Commission with the USGS topographical information provided had negative results.

4. Any ethnographic studies conducted for any area including all or part of the potential APE; and

5. Any geotechnical reports regarding all or part of the potential APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive. A negative response to these searches does not preclude the existence of a cultural place. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the case that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we are able to assure that our consultation list remains current.

If you have any questions, please contact me at my email address: frank.lienert@nahc.ca.gov.

Sincerely,

[Signature]

Frank Lienert
Associate Government Program Analyst
Native American Heritage Commission
Tribal Consultation List
5/29/2018

Coastanoan Rumsen Carmel Tribe
Tony Cerda. Chairperson
244 E. 1st Street
Pomona, CA 91766
rumsen@aol.com
(909) 524-8041 Cell

Indian Canyon Mutsun Band of Costanoan
Ann Marie Savers. Chairperson
P.O. Box 28
Hollister, CA 95024
ams@indiancanyon.org
(831) 637-4238

Amah Mutsun Tribal Band of Mission San Juan Bautista
Irenne Zwierlein. Chairperson
789 Canada Road
Woodside, CA 94062
amahmutsuntribal@gmail.com
(650) 851-7489 Cell
(650) 851-7747 Office

North Valley Yokuts Tribe
Katherine Erolinda Perez. Chairperson
P.O. Box 717
Linden, CA 95236
canutes@verizon.net
(209) 887-3415

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra. Chairperson
P.O. Box 360791
Milpitas, CA 95036
muwekma@muwekma.org
(408) 314-1898

The Ohlone Indian Tribe
Andrew Galvan
P.O. Box 3388
Fremont, CA 94539
chochenyo@aol.com
(510) 882-0527 Cell

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 produced.

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 59 97.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable only for consultation with Native American tribes under Public Resources Code Sections 21080.1, 21080.3.1, and 21080.3.2 for Out-front Media LED Billboard Project, Alameda County
June 7, 2018

Coastanoan Rumsen Carmel Tribe  
Chairperson Tony Cerda  
244 E. 1st Street  
Pomona, CA 91766

Subject: Proposed Outfront Media LED Billboards Project

Dear Chairperson Cerda:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

The project involves the installation of a double-sided electronic LED billboards at two locations: the Arbor and Langton sites. The project also consists of billboard removal at eight locations (distributed across seven properties) near the City of Hayward, California. The existing Arbor site is located between Arbor Avenue and I-880; the site is currently vacant. However, a self-service car drying station is approved but not yet constructed on the same parcel on which the billboard is proposed. The car drying station would be located adjacent to south of the proposed billboard, and it would be owned and operated by the gas station across Arbor Avenue from the site. North of the Arbor site is a mix of single-family and multi-family residential buildings. A multi-family residential development is located to the east (the Hayward Village Senior Apartments). The existing Langton site is at the end of a cul-de-sac that is adjacent to I-238 at the northern terminus of Langton Way. The cul-de-sac is paved and has curb, gutter, sidewalk, and storm drainage inlets. A retaining wall encircles the cul-de-sac, and behind the retaining wall are a sound wall along I-238 and landscaping consisting of grass and small trees. The Langton cul-de-sac is bordered by the highway to the north, has single-family residences on its western side, and has residential and commercial land uses on its eastern side.

A Records Search map with a 0.5-mile buffer around the Arbor and the Langton sites is enclosed for your reference. The surrounding area is characterized by a mix of residential and commercial uses.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File search and a California Historical Resources Information System (CHRIS) search, neither of which produced results. FCS contacted the Native American Heritage Commission (NAHC), and they suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.
Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Project notification and consultation requirements are being handled by designated lead agencies under CEQA and NEPA. Please feel free to contact me at 925.357.2562 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc:
Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
June 7, 2018

Amah Mutsun Tribal Band of Mission San Juan Bautista
Chairperson Irene Zwierlein
789 Canada Road
Woodside, CA 94062

Subject: Proposed Outfront Media LED Billboards Project

Dear Chairperson Zwierlein:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

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Senior Scientist, Archaeology
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc:  Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
      Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
June 7, 2018

Muwekma Ohlone Indian Tribe of the SF Bay Area
Chairperson Rosemary Cambra
P.O. Box 360791
Milpitas, CA 95036

Subject: Proposed Outfront Media LED Billboards Project

Dear Chairperson Cambra:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

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Senior Scientist, Archaeology
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc: Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
June 7, 2018

The Ohlone Indian Tribe
Andrew Galvan
P.O. Box 3152
Fremont, CA 94539

Subject: Proposed Outfront Media LED Billboards Project

Dear Andrew Galvan:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

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Dana Douglas DePietro, Ph.D.
Senior Scientist, Archaeology
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc:  Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
      Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
Outfront Media • Outfront Media LED Billboard Project
Initial Study/Mitigated Negative Declaration
June 7, 2018

Indian Canyon Mutsun Band of Costanoan  
Chairperson Ann Marie Sayers 
P.O. Box 28  
Hollister, CA 95024

Subject: Proposed Outfront Media LED Billboards Project

Dear Chairperson Sayers:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

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FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Enc:  Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
      Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
Project Area

Half-Mile Radius

Outfront Media | Outfront Media Led Billboard Project
Initial Study/Mitigated Negative Declaration
Half-Mile Radius

Project Area

Source: USGS Hayward 7.5' Quadrangle / T35,R2W,sec8
June 7, 2018

North Valley Yokuts Tribe  
Chairperson Katherine Erolinda Perez  
P.O. Box 717  
Linden, CA 95236

Subject: Proposed Outfront Media LED Billboards Project

Dear Chairperson Perez:

FirstCarbon Solutions (FCS) is preparing an Initial Study for the proposed Outfront Media LED Billboards Project on the behalf of the County of Alameda. The project site is located in the central portion of Alameda County along two freeway corridors. The project site would encompass nine private properties and one public right-of-way. As a part of the environmental review process, we are conducting a cultural resources assessment.

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Senior Scientist, Archaeology
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Walnut Creek, CA 94597

Enc: Attachment A: Project location map for Outfront Media LED Billboards Project—Arbor Site
Attachment B: Project location map for Outfront Media LED Billboards Project—Langton Site
D.3 - UCMP Paleontology Report
May 30, 2018

Dana DePietro
FirstCarbon Solutions
1350 Treat Boulevard, Suite 380
Walnut Creek, CA 94597

Re: Paleontological Records Search: Alameda Billboards (5076.0001), Alameda County, California

Dear Dr. DePietro:

As per your request, I have conducted a search of the University of California Museum of Paleontology (UCMP) database for the Alameda Billboards Project in Ashland. The proposed project involves the removal of eight existing billboards and the installation of two new billboards. One of the new billboards will be at the northeast sector of the intersection of West A Street and the Nimitz (880) Freeway, while the other will be at northern end of Langton Way. Their PRS location is Sec. 35, T1S, R4W, Oakland West Quadrangle (USGS 7.5-series topographic map). The existing billboards slated for removal are already on and in disturbed earth materials, whereas the two new billboards will be emplaced where adjacent roadway construction likely disturbed the proposed sites.

Geologic Units

According to the part of the geologic map of Graymer, Jones, and Brabb (2007) shown above, the billboard sites and most of the surrounding half-mile (map section shown), are on undivided surficial deposits (Qu), which, if Pleistocene, are potentially fossiliferous deposits. Four other units occur in this area: gabbro (gb), the Cretaceous-Jurassic Knoxville (Kjk) and Joaquin Miller (Kjm) formations, and Jurassic keratophyre and quartz keratophyre (Jsv). Gabbro is a plutonic rock with no paleontological potential because it crystallizes from
magma a great depths below the biozone. Keratophyres resemble hornfels, a compact and porphyritic volcanic rock with no paleontological potential. The Knoxville and Joaquin Miller formations units are sedimentary and therefore could be fossiliferous.

Records Search
The University of California Museum of Paleontology (UCMP) database was first searched for locality and specimen records from Pleistocene alluvium in Alameda County. The results are 58 localities yielding 233 late Pleistocene (Rancholabrean) vertebrates, and six localities yielding 845 middle Pleistocene (Irvingtonian) vertebrates (see attached faunal list). Many of the specimens from both ages have been described and figured in professional publications. The only locality within the area of the map shown in this report is V5258 (“Hayward Freeway”) near the intersection of Hacienda Boulevard and the Nimitz Freeway); it yielded a thoracic vertebra of the long-horned bison, *Bison latifrons*. Although unlikely to be impacted by excavations into the subsurface of either project site, the Knoxville and Joaquin Miller formations were also searched for vertebrate localities. The Knoxville Formation is represented only by one locality in Tehama County, while no localities are listed for the Joaquin Miler Formation. Hence, only the undivided Quaternary deposits, if Pleistocene, are of concern here and their paleontological potential appears to be very low.

Recommendations
A paleontological walkover survey of the site prior to installation and removal of billboards is unwarranted because the boreholes impact very small and previously disturbed areas. Furthermore, the surficial deposits have a very low paleontological potential. I therefore do not recommend paleontological monitoring of any project activities. Although highly unlikely, should any bones or teeth be unearthed by the construction crew, all work in the immediate vicinity of the find should cease until a paleontologist evaluates the find for its scientific value. Construction workers should never attempt to remove fossils, which could readily crumble as the result of their efforts. If deemed significant by the paleontologist, fossils should be salvaged and deposited in an accredited and permanent scientific institution (e.g., UCMP) for proper curation and preservation for the benefit of current and future generations.

If I can be of further assistance on this or any other project, please do not hesitate to contact me.

Sincerely,

Ken Finger

Reference Cited
UCMP PLEISTOCENE VERTEBRATES FROM ALAMEDA COUNTY
(Asterisk denotes publication)

Younger Pleistocene (Rancholabrean fauna)

CLASS ACTINOPTERYGII (bony fish)
- Acipenser (sturgeon)
- Archoplites interruptus (Sacramento perch)
- Orthodon microlepidotus (Sacramento blackfish)*

CLASS AMPHIBIA (amphibians)
- Aneides lugubris (aboreal salamander)
- Rana (common frogs)*
- Taricha (western newts)

CLASS REPTILIA (reptiles)
- Clemmys (pond turtle)

CLASS AVES (birds)
- Branta (goose)

CLASS MAMMALIA (mammals)
- ORDER INSECTIVORA (insectivores)
  - Scapanus latimanus (broad-footed mole)*
- ORDER XENARTHA (ground sloths)
  - Glossotherium harlani (Harlan’s ground sloth)
- ORDER RODENTIA (rodents)
  - Microtus californicus (California meadow vole)*
  - Neotoma (wood rat)
  - Peromyscus (deer mice)
  - Reithrodonotomys (harvest mouse)
  - Spermophilus (ground squirrel)
  - Thomomys (gopher)
- ORDER CARNIVORA (carnivores)
  - Arctodus (short-faced bear)
  - Enhydra (sea otter)
- ORDER PROBOSCIDEA (elephants)
  - Mammut americanum (American mastodon)
  - Mammuthus columbi (Columbian mammoth)*
- ORDER PERISSODACTYLA (odd-toed ungulates)
  - Equus (horse)

Older Pleistocene (Irvingtonian fauna)

CLASS ACTINOPTERYGII (bony fish)
- Archoplites interruptus (Sacramento perch)
- Catostomus occidentalis (Sacramento sucker)
- Gasterosteus aculeatus (three-spined stickleback)

CLASS AMPHIBIA (amphibians)
- Ambystoma (mole salamander)
- Bufo (toad)*
- Rana (common frog)*

CLASS REPTILIA (reptiles)
- Clemmys (pond turtle)
- Lampropeltis (kingsnake)
- Phrynosoma (horned lizard)
- Pituophis melanoleucus (gopher snake)
- Thamnophis (garter snake)

CLASS AVES (birds)
- Anas platyrhynchos (mallard)
- Branta canadensis* (Canadian goose)

CLASS MAMMALIA (mammals)
- ORDER XENARTHA (ground sloths)
  - Glossotherium, Megalonyx
- ORDER LAGOMORPHA
  - Lepus (hare)
  - Silvilagus (cottontail rabbit)
- ORDER RODENTIA (rodents)
  - Microtus californicus (California meadow vole)*
  - Neotoma (wood rat)
  - Perognathus* (pocket mouse)
  - Peromyscus irvingtonensis (type) (deer mouse)*
  - Spermophilus bensoni* (Benson’s ground squirrel)
- ORDER CARNIVORA (carnivores)
  - Arctodus (short-faced bear)
  - Canis dirus (dire wolf)*
  - Canis latrans (type) (coyote)*
  - Canis priscolantrons (extinct coyote)*
  - Dinobastis* (saber-tooth cat)
  - Smilodon (saber-tooth cat)
  - Taxidea (badger)
  - Vulpes macrois (kit fox)

ORDER PROBOSCIDEA (elephants)
- Mammut (mastodon)
- Mammuthus columbi (Columbian mammoth)*

ORDER PERISSODACTYLA (odd-toed ungulates)
- Equus caballus (modern horse)*

ORDER ARTIODACTYLA (even-toed ungulates)
- Camelops minidoka (Minidoka camel)*
- Capromeryx (pronghorn)
- Euceratherium collinum* (extinct shrub-ox)
- Hemilauchenia* (long-legged llama)
- Odocoileus (male deer)*
- Platynus* (large peccary)
- Tetrameryx irvingtonensis (type)* (4-horned deer)