

**APPENDIX C:
CULTURAL RESOURCE DATA**

.....

**A Cultural Resources Study for the
Millbrae Station Area Specific Plan Update
Millbrae, San Mateo County, California**

Eileen Barrow, M.A.

September 22, 2014



**A Cultural Resources Study for the
Millbrae Station Area Specific Plan Update
Millbrae, San Mateo County, California**

Prepared by:



Eileen Barrow, M.A.

Tom Origer & Associates
Post Office Box 1531
Rohnert Park, California 94927
(707) 584-8200

Prepared for:

PlaceWorks
1625 Shattuck Avenue, Suite 300
Berkeley, California 94709

September 22, 2014

ABSTRACT

Tom Origer & Associates conducted a cultural resources study for the Millbrae Station Area Specific Plan Update in Millbrae, San Mateo County. The study was completed in compliance with the requirements of the California Environmental Quality Act and the City of Millbrae, at the request of Steve Noack of PlaceWorks.

This study included archival research at the Northwest Information Center, Sonoma State University (NWIC File No. 14-0205), examination of the library and files of Tom Origer & Associates, contact with the Native American Heritage Commission and local Native American groups, and windshield inspection of the Specific Plan Area. This study resulted in the identification of no prehistoric cultural resources and three historic-period cultural resources within the Millbrae Station Area. Documentation pertaining to this study is on file at the offices of Tom Origer & Associates (File No. 2014-046).

Synopsis

Project:	Millbrae Station Area Specific Plan Update
Location:	Millbrae, San Mateo County
Quadrangles:	Montara Mountain 7.5' series
Study Type:	Archival research and windshield survey
Scope:	116 acres
Finds:	Three historic-era cultural resources

CONTENTS

ABSTRACT	i
Synopsis	i
INTRODUCTION	1
Resource Definitions	2
Significance Criteria	2
PROJECT SETTING	3
Study Location and Description	3
Cultural Setting	3
STUDY PROCEDURES	6
Archival Study Procedures	6
Native American Consultation	6
Field Survey Procedures	6
STUDY FINDINGS	7
Archival Study Findings	7
Field Survey Findings	8
RECOMMENDATIONS	8
Accidental Discovery	8
SUMMARY	9
MATERIALS CONSULTED	9

APPENDIX A: Native American Contact Efforts

FIGURES

Figure 1. Project vicinity	1
Figure 2. Study location	4

INTRODUCTION

This report describes a cultural resources study conducted for the Millbrae Station Area Specific Plan Update, Millbrae, San Mateo County. The study area consists of approximately 116 acres of land located in the eastern portion of the city of Millbrae. The Millbrae Station Area is bounded by the Bayside Manor Neighborhood and the San Francisco International Airport on the north, by the City of Burlingame on the east and south, and by Downtown Millbrae and the Mills Estate Neighborhood on the west (Figure 1). A Plan was developed and approved in 1998, but recently the City has been approached with development proposals that have prompted the City of Millbrae to update the Plan. The study was requested by Steve Noack of PlaceWorks. Documentation pertaining to this study is on file at Tom Origer & Associates (File No. 2014-046).

REGULATORY CONTEXT

The California Environmental Quality Act (CEQA) requires that cultural resources be considered during the environmental review process. This is accomplished by an inventory of resources within a study area and by assessing the potential that cultural resources could be affected by development.

This cultural resources survey was designed to satisfy environmental issues specified in the CEQA and its guidelines (Title 14 CCR §15064.5) by: (1) identifying all cultural resources in the project area; (2) offering a preliminary significance evaluation of the identified cultural resources; (3) assessing resource vulnerability to effects that could arise from project activities; and (4) offering suggestions designed to protect resource integrity, as warranted.



Figure 1. Project vicinity (adapted from the 1980 San Francisco 1:250,000-scale USGS maps).

Resource Definitions

Cultural resources are classified by the State Office of Historic Preservation (OHP) as sites, buildings, structures, objects and districts, and each is described by OHP (1995) as follows.

Site. A site is the location of a significant event, a prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possesses historic, cultural, or archaeological value regardless of the value of any existing structure.

Building. A building, such as a house, barn, church, hotel, or similar construction, is created principally to shelter any form of human activity. "Building" may also be used to refer to a historically and functionally related unit, such as a courthouse and jail, or a house and barn.

Structure. The term "structure" is used to distinguish from buildings those functional constructions made usually for purposes other than creating human shelter.

Object. The term "object" is used to distinguish from buildings and structures those constructions that are primarily artistic in nature or are relatively small in scale and simply constructed. Although it may be, by nature or design, movable, an object is associated with a specific setting or environment.

District. A district possesses a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united historically or aesthetically by plan or physical development.

Significance Criteria

When a project might affect a cultural resource, the project proponent is required to conduct an assessment to determine whether the effect may be one that is significant. Consequently, it is necessary to determine the importance of resources that could be affected. The importance of a resource is measured in terms of criteria for inclusion on the California Register of Historical Resources (Title 14 CCR, §4852) listed below. A resource may be important if it meets any one of the criteria below, or if it is already listed on the California Register of Historical Resources or a local register of historical resources.

An important historical resource is one which:

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. Is associated with the lives of persons important in our past.
3. Embodies the distinctive characteristics of a type, period, region or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
4. Has yielded, or may be likely to yield, information important in prehistory or history.

Additionally, the OHP advocates that all historical resources over 45 years old be recorded for inclusion in the OHP filing system (OHP 1995:2), although professional judgment is urged in determining whether a resource warrants documentation.

PROJECT SETTING

Study Area Location and Description

The study area is located in the city of Millbrae, in northern San Mateo County. The Millbrae Station Area is located in the eastern portion of Millbrae and is bounded by the Bayside Manor Neighborhood and the San Francisco International Airport on the north, by the City of Burlingame on the east and south, and by Downtown Millbrae and the Mills Estate Neighborhood on the west. The Millbrae Station Area totals approximately 116 acres of mostly developed land, as shown on the Montara Mountain, California 7.5' USGS topographic quadrangle (Figure 2).

Soils mapped for the Millbrae Station Area are a combination of Orthents and Urban land (Kashiwagi and Hokholt 1991; USDA 2014). Orthents soils are very shallow to very deep, well draining soils, formed on alluvial fans, costal terraces, and hills and derived from sandstone. Urban land is formed when 85% of the soil surface is covered with asphalt, concrete, buildings, and other structures. Most locations in San Mateo County containing Orthents soils are used for homesite development, urban development, or recreation (Kashiwagi and Hokholt 1991:29, 35, and 36).

Green Hills Creek, Millbrae Creek and several unnamed drainages once flowed into and near the Millbrae Station Area and would have supplied fresh water to the area. In addition, the edge of San Francisco Bay once lay just northeast of where the Southern Pacific Railway runs through the Millbrae Station Area (Helley and LaJoie 1979).

Based on analysis of the environmental setting, the southwestern half of the Millbrae Station Area would have been well situated for prehistoric occupants of the region to live or gather resources. Its surroundings include nearby fresh water sources and well-drained soils that would have supported a variety of plants that in turn could have served as food and cover for animals. Research has shown that prehistoric sites tend to be found in locations such as this where these and other natural attributes aggregate. The northeastern half would have been marshland and subject to tidal flooding, therefore would be unlikely to contain prehistoric sites.

Cultural Setting

Archaeological evidence indicates that human occupation of California began at least 11,000 years ago (Erlandson *et al.* 2007). Early occupants appear to have had an economy based largely on hunting, with limited exchange, and social structures based on the extended family unit. In the greater San Francisco Bay Area, earliest sites can date to 7,000-8,000 B.C., though sites dating to this time period have not yet been found in the west Bay Area (Fitzgerald 1993; Hylkema 2002; Meyer and Rosenthal 1997; Moratto 2004:264-268; Schwaderer 1992). Typically sites on the west side of the Bay do not predate 5,000 years ago. Moratto hypothesized that bay shore sites that date to this time would have not been found due to the rise in sea level and the likelihood that these older sites would be buried under five meters or more of sediments (Moratto 2004:266).

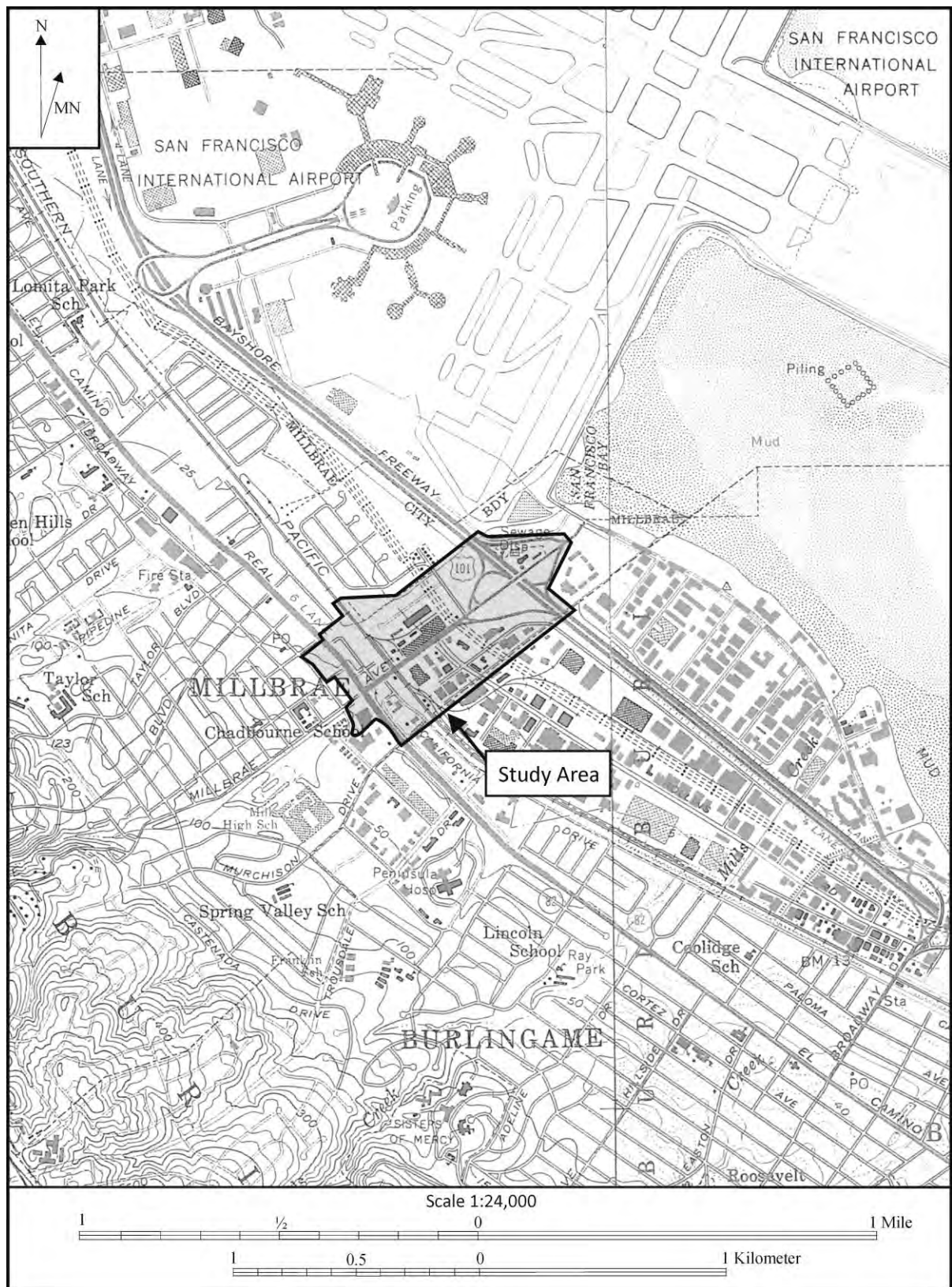


Figure 2. Study Area (adapted from the 1980 Montara Mountain and San Mateo 7.5' USGS maps).

Linguistic evidence shows that between 8,000 and 6,000 B.C. inhabitants in the area were Pre-Hokan speakers but by 4,000 B.C. Hokan languages had developed in the Millbrae area (Moratto 2004:543-551).

Between 2000 B.C. and A.D. 1 Penutian speakers began to migrate into the area from the lower Sacramento Valley (Moratto 2004:552-557). These Penutian speakers were the ancestors of the Costanoans who inhabited the San Francisco Peninsula when it was first visited by Europeans (Levy 1978:485).

The Costanoans were hunter-gatherers who lived in rich environments that allowed for dense populations with complex social structures (Kroeber 1925; Levy 1978). They settled in large, permanent villages about which were distributed seasonal camps and task-specific sites. Primary village sites were occupied throughout the year, and other sites were visited in order to procure particular resources that were especially abundant or available only during certain seasons. Sites often were situated near fresh water sources and in ecotones where plant life and animal life were diverse and abundant.

Spanish settlers began arriving in the late 1760s, though the land containing Millbrae was under the jurisdiction of Mission San Francisco de Asis or Mission Dolores. In 1835, under Mexican domain, the land containing Millbrae was granted to Jose Antonio Sanchez. This land grant was known as the Buri Buri land grant (Alexander and Hamm 1916:31). After Jose Antonio Sanchez's death, the family divided the land grant equally into portions for each of his ten children (Harris 1972).

Darius Ogden Mills, a California Gold Rush pioneer, bought a portion of the Rancho Buri Buri land from Sheriff James Wilson in 1860 for \$20,000 and then built his estate on a portion of the land, which he named "Mill's *brae*," or "Mills' rolling hills" (Millbrae Historical Society 2007:33). In Darius Ogden Mill's honor, the city later adopted the name of his estate because he greatly influenced the development of the area. During its early growth the region containing and surrounding Millbrae became occupied predominantly by farmers and other agriculturalists. In line with its founder Darius Ogden Mills' business ventures, Millbrae soon came to embrace and encourage small business life (Millbrae Historical Society 2007:85). As the town became more industrialized and business-centered, transportation systems played a key role in its future.

The location of Millbrae in the middle of the San Francisco peninsula allowed the city to become well connected with neighboring areas. The Southern Pacific Railroad line built through Millbrae around the 1860s and Millbrae received its own depot, the Millbrae Station, in 1890. The Millbrae depot is currently the Millbrae Train Museum. Another popularly used transportation system built in 1890 was the #40 interurban streetcar line that ran between San Francisco and San Mateo. The powerhouse for the #40 streetcar was located just off of Millbrae Avenue in the same location as the modern day Millbrae BART station. The streetcars' efficiency are considered almost equivalent to the modern day BART system (Millbrae Historical Society 2007:57). After San Francisco outlawed gambling, people came in on the streetcars to Millbrae, making it a center for gambling until its incorporation in the late 1940s. Even after incorporation gambling was still not eradicated until the 1950s (City of Millbrae). The streetcar lines were dismantled after Millbrae's incorporation, cutting off a source of public transportation for city.

From the late 1930s until Millbrae's incorporation, the neighbor city of Burlingame attempted to annex the town of Millbrae, but the decision was overturned (Chun 2013). The city was successfully incorporated with the approval of Sacramento in 1948 (Millbrae Historical Society 2007:36). A municipal election in 1946 elected W.F. Leutenegger to be the first mayor of Millbrae, but the seating of the council was delayed due to Burlingame's lawsuit until 1948 (Millbrae Historical Society 2014).

STUDY PROCEDURES

Archival Study Procedures

Archival research included examination of the library and project files at Tom Origer & Associates. A review (NWIC File No. 14-0205) was completed of the archaeological site base maps and records, survey reports, and other materials on file at the Northwest Information Center (NWIC), Sonoma State University, Rohnert Park. Sources of information included but were not limited to the current listings of properties on the National Register of Historic Places (National Register), California Historical Landmarks, California Register of Historical Resources (California Register), and California Points of Historical Interest as listed in the Office of Historic Preservation's *Historic Property Directory* (OHP 2012).

The Office of Historic Preservation has determined that structures in excess of 45 years of age should be considered potentially important historical resources, and former building and structure locations could be potentially important historic archaeological sites. Archival research included an examination of historical maps to gain insight into the nature and extent of historical development in the general vicinity, and especially within the study area. Maps ranged from hand-drawn maps of the 1800s (e.g., GLO) to topographic maps issued by the United States Geological Survey (USGS).

In addition, ethnographic literature that describes appropriate Native American groups, county histories, and other primary and secondary sources were reviewed. Sources reviewed are listed in the "Materials Consulted" section of this report.

Native American Consultation

Information regarding the presence of sacred sites or other cultural use sites was sought from the Native American Heritage Commission. A response was received from the Native American Heritage Commission indicating that they had no knowledge of any cultural resources within or immediately adjacent to the study location.

The Amah Mutsun Tribal Band of Mission San Juan Bautista, the Costanoan Rumsen Carmel Tribe, the Indian Canyon Mutsun Band of Costanoan, the Muwekma Ohlone Indian Tribe of the San Francisco Bay Area, the Ohlone Indian Tribe, the Trina Marine Ruano Family, Jakki Kehl, and Linda G. Yamane were also contacted.

On July 10, 2014, Anne Marie Sayers of the Indian Canyon Mutsun Band of Costanoan called to ask about the Millbrae Station Area Specific Plan. We told her at the moment there are no proposed project activities planned within the area. Ms. Sayers stated that the tribe would like to be notified if projects within the Specific Plan Area are proposed because they have knowledge of archaeological sensitive areas within and adjacent to the Specific Plan Area. A communication log and copies of correspondence are appended to this report.

Field Survey Procedures

No archaeological survey was completed during this study.

On September 18, 2014 a survey was made of buildings within the Millbrae Station Area. This survey was conducted to look at previously documented resources, and to look at the built

environment to see if there were any distinctive individual buildings, or groups of buildings that could represent a district, within the Millbrae Station Area.

STUDY FINDINGS

Archival Study Findings

The 17 Mile House and the Lauer & Lovegreen grocery store (which also served as the post office after 1906) both once stood near the intersection of Millbrae Avenue and El Camino Real (Harris 1972). These were two buildings of the oldest buildings representing Millbrae's early history; however they are no longer present. The original Southern Pacific Depot burnt down and was rebuilt twice. The second time in 1906. This building still stands today and is used as the Millbrae Train Museum. It is located within the Millbrae Station Area at the intersection South Irwin Place and California Drive. This building has been listed on the National Register of Historic Places.

Archival research indicated that there are three recorded cultural resources within the Millbrae Station Area. However, only portions of the Millbrae Station area have been subject to a cultural resources study. These three cultural resources include the Southern Pacific Depot and two sections of the Southern Pacific Railroad (originally known as the Peninsula Commute Service or the San Francisco and San Jose Railway). The majority of the studies that have been conducted within the Millbrae Station Area were linear surveys for utilities, road projects, or trails (Archaeological Consulting and Research Services, Inc. 1978; Ballard and Holson 1997; Basin Research Associates, Inc. 2002a, 2002b; BioSystems Analysis, Inc. 1989; Brown *et al.* 2003; Chavez 1977; Hatoff *et al.* 1995; Holson *et al.* 2002; Loveland-Anastasio and Garaventa 1988; Nelson 2002; Science Applications International Corporation 2000; SWCA Environmental Consultants 2006). Some areas have been surveyed within the Millbrae Station Area. These are primarily at the northeast end of the Millbrae Station Area. One of the studies involved the Millbrae Avenue/Highway 101 on-ramps, and two studies involved an undeveloped lot on Aviator Avenue, and one study included the portion of the Millbrae Station Area northeast of Highway 101 (Chavez and Hupman 1991; Rice 1994a, 1994b; Scott 1974; Thomas and Baker 2012). One additional study was conducted on the intersection of El Camino Real and Millbrae Avenue (Byrd *et al.* 2012).

The Southern Pacific Depot is listed in the National Register of Historic Places (Baxter 1977). There are three properties listed on the Office of Historic Preservation's *Historic Property Directory* (2012). These properties are located at 100 El Camino Real, 190 El Camino Real, and 150 Serra Avenue. These properties all have a status code of 6Y which means that they have been, "Determined ineligible for National Register by consensus through Section 106 process – Not evaluated for California Register or Local Listing." There are no other local, state, or federally recognized historic properties within or near the study area (OHP 2012; State of California Department of Parks and Recreation 1976).

No ethnographic villages or camps are reported within or near the study area (Levy 1978:485).

The intersection of what is now know as Millbrae Avenue and El Camino Real served as a hub for the early beginnings of Millbrae and there have been buildings within the Millbrae Station Area since 1835 when Jose Antonio Sanchez constructed two adobe buildings (Bromfield 1894; GLO 1858; Harris 1972; USACE 1939; USGS 1896, 1899, 1915, 1949).

Study Findings

Archaeology

No archaeological resources have been discovered within the Millbrae Station Area.

Built Environment

Several buildings within the Millbrae Station Area date to the mid-20th century with a few older individuals, and substantial more modern infill. The older buildings within the Millbrae Station Area do not reflect any type of district; however, as individuals these buildings have the potential to meet criteria for inclusion on the CRHR.

RECOMMENDATIONS

Archaeology

The NWIC has no record of prehistoric or historical archaeological sites with the study area, however, only approximately 35% of the Millbrae Station Area has been surveyed for the presence of archaeological resources. As specific projects are proposed in the future, each should be reviewed for its archaeological potential and a pedestrian survey conducted by an archaeologist who meets the *Secretary of the Interior's Professional Qualification Standards* if it is deemed necessary.

Built Environment

Based on their age, there are individual building within the Millbrae Station Area that have the potential to meet criteria for inclusion on the California Register of Historic Resources. As specific projects are proposed in the future, each should be reviewed for its potential to affect historical buildings. Buildings that appear eligible for inclusion on the California Register of Historic Resources should be subjected to a formal evaluation by an architectural historian who meets the *Secretary of the Interior's Professional Qualification Standards*.

Accidental Discovery

There is the possibility that buried archaeological materials could be found. If buried materials are encountered, all soil disturbing work should be halted at the location of any discovery until a qualified archaeologist completes a significance evaluation of the find(s) pursuant to Section 106 of the National Historic Preservation Act (36CFR60.4). Prehistoric archaeological site indicators expected within the general area include: chipped chert and obsidian tools and tool manufacture waste flakes; grinding and hammering implements that look like fist-size, river-tumbled stones; and for some rare sites, locally darkened soil that generally contains abundant archaeological specimens. Historic remains expected in the general area commonly include items of ceramic, glass, and metal. Features that might be present include structure remains (e.g., cabins or their foundations) and pits containing historic artifacts.

The following actions are promulgated in Public Resources Code 5097.98 and Health and Human Safety Code 7050.5, and pertain to the discovery of human remains. If human remains are encountered, excavation or disturbance of the location must be halted in the vicinity of the find, and the county coroner contacted. If the coroner determines the remains are Native American, the coroner will contact the Native American Heritage Commission. The Native American Heritage Commission will identify the person or persons believed to be most likely descended from the deceased Native

American. The most likely descendent makes recommendations regarding the treatment of the remains with appropriate dignity.

SUMMARY

Tom Origer & Associates completed a cultural resources study for the Millbrae Station Area Specific Plan Update, Millbrae, San Mateo County. The study was requested by Steve Noack of PlaceWorks. Three cultural resources were found within the study area. Recommendations have been provided for future projects within the Millbrae Station Area.

MATERIALS CONSULTED

Alexander, P. and C. Hamm

- 1916 *History of San Mateo County: From the Earliest Times with a Description of its Resources and Advantages; and the Biographies of its Representative Men.* Press of Burlingame Publishing Co., Burlingame, California.

Archaeological Consulting and Research Services, Inc.

- 1978 *Report of an Archaeological Reconnaissance of The City of Millbrae's Madrone Street Sewage Lift Station and Interceptor Sewer Project, Project Number C-06-1440-010.* Document S-3057 file at the Northwest Information Center, Rohnert Park.

Arnold, T.

- 1874 *Map Exhibiting the Salt Marsh, Tide, and Submerged Lands Disposed of by the State of California in and Adjacent to the Bays of San Francisco and San Pablo and now Subject to Reclamation.* Board of State Harbor Commissioners.

Ballard, H. and J. Holson

- 1997 *Cultural Resources Survey for the San Francisco International Airport/Bay Trail Extension Project, Bay Trail Alignment Plan.* Document S-19885 file at the Northwest Information Center, Rohnert Park.

Basin Research Associates, Inc.

- 2002a *Archaeological Survey Report Route 101 Auxiliary Lanes Project, Third Avenue to Millbrae Avenue, San Mateo County, California 04-SM-101 KP 21.7/28.8 (PM 13.5/17.9) EA 26420K.* Document S-26298 file at the Northwest Information Center, Rohnert Park.
- 2002b *Historic Properties Survey Report Route 101 Auxiliary Lanes Project, Third Avenue to Millbrae Avenue, San Mateo County, California 04-SM-101 KP 21.7/28.8 (PM 13.5/17.9) EA 26420K.* Document S-26297 file at the Northwest Information Center, Rohnert Park.

Bean, L.

- 1978 *The Ohlone Past and Present.* Ballena Press Anthropological Papers No. 40. Ballena Press, Menlo Park.

BioSystems Analysis, Inc.

- 1989 *Technical Report of Cultural Resources Studies for the Proposed WTG-West, Inc. Los Angeles to San Francisco and Sacramento, California, Fiber Optic Cable Project.* Document S-11396 file at the Northwest Information Center, Rohnert Park.

Brown, K., A. Marlow, J. Allan, and W. Self

2003 *Cultural Resource Assessment of Alternative Routes for PG&E's Jefferson-Martin Transmission Line, San Mateo County, California*. Document S-27930 file at the Northwest Information Center, Rohnert Park.

Byrd, B., J. Berg, and P. Kaijankoski

2012 *Archaeological Investigations for the State Route 82 Signal Interconnect and Intersection Modification Project, San Mateo County, California*. Document S-39104 file at the Northwest Information Center, Rohnert Park.

Chavez, D.

1977 Letter report regarding a Cultural Resources Assessment of the Eucalyptus Project. Document S-3046 file at the Northwest Information Center, Rohnert Park.

Chavez, D. and J. Hupman

1991 *Cultural Resources Evaluation for the San Francisco International Airport Master Plan EIR, San Mateo County, California*. Document S-12201 file at the Northwest Information Center, Rohnert Park.

Chun, Jason

2013 Millbrae's Rich History: How Our City Has Changed Throughout the Years. *The Thunderbolt*, May 3, 2013. <http://www.millsthunderbolt.org/2013/05/features/millbraes-rich-history-how-our-city-has-changed-throughout-the-years/> (accessed June 12, 2014)

City of Millbrae

2014 *History of the City*. <http://www.ci.millbrae.ca.us/index.aspx?page=36> (accessed June 12, 2014)

Erlandson, J. T. Rick, T. Jones, J. Porcasi

2007 One if by Land, Two if by Sea: Who Were the First Californians? In: *California Prehistory: Colonization, Culture, and Complexity*. (pp 53-62) T. Jones and K. Klar, editors. AltaMira Press. Lanham, MD.

Fitzgerald, R.

1993 *Archaic Milling Cultures of the Southern San Francisco Bay Region*. Archives of California Prehistory 35. Coyote Press, Salinas.

Fredrickson, D.

1984 The North Coastal Region. In *California Archaeology*, edited by M. Moratto. Academic Press, San Francisco.

General Land Office

1858 *Plat of the Rancho Buri Buri*. Department of the Interior, Washington, D.C.

Harris, A.

1972 The History of Millbrae. Millbrae Historical Society, Millbrae, California.

Hatoff, B., B. Voss, S. Waechter, and S. Vance Bente

1995 *Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project*. Document S-17993 file at the Northwest Information Center, Rohnert Park.

Helley, E. and K. LaJoie

1979 *Flatland deposits of the San Francisco Bay Region, California - their geology and engineering properties, and their importance to comprehensive planning*. Geological Survey Professional Paper 943. United States Government Printing Office, Washington D.C.

Hoover, M., H. Rensch, E. Rensch, W. Abeloe

1966 *Historic Spots in California*. 3rd edition. Stanford University Press. Stanford.

Hoover, M., H. Rensch, E. Rensch, W. Abeloe, and D. Kyle

1990 *Historic Spots in California*. 4th edition, Stanford University Press. Stanford.

2002 *Historic Spots in California*. Stanford University Press. 5th ed. Stanford.

Holson, J., C. Sutch, and S. Pau

2002 *Cultural Resources Report for San Bruno to Mountain View Internodal Level 3 Fiber Optics Project in San Mateo and Santa Clara Counties, California*. Document S-25174 file at the Northwest Information Center, Rohnert Park.

Kashiwagi, J. and L. Hokholt

1991 *Soil Survey of San Mateo County, Eastern Part, and San Francisco County, California*. U.S. Department of Agriculture in cooperation with the University of California Agricultural Experiment Station.

Kroeber, A.

1925 *Handbook of the Indians of California*. Bureau of American Ethnology, Bulletin 78, Smithsonian Institution, Washington, D.C.

Loveland-Anastasio, R. and D. Garaventa

1988 *A Cultural Resources Assessment of San Francisco Resource Supply Study (San Mateo Substation to Martin Substation) Daly City to City of San Mateo, San Mateo County, California*. Document S-10402 file at the Northwest Information Center, Rohnert Park.

Levy, R.

1978 Coastanoan. In *California*, edited by R. Heizer, pp. 485-495. Handbook of North American Indians, Vol. 8, W. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Millbrae Historical Society

2007 *Images of America: Millbrae*. Charleston, SC: Arcadia Publishing.

2014 Millbrae History Walk, Millbrae Historical Society. Millbrae History Walk [Pamphlet]. Millbrae, CA: Millbrae Historical Society.

Milliken, R.

1995 *A Time of Little Choice*. Ballena Press Anthropological Papers No. 43. Ballena Press, Menlo Park.

Moratto, M.

1984a *California Archaeology*. Academic Press, San Francisco.

1984b San Francisco Bay and Central Coast Regions. In *California Archaeology* edited by M. Moratto. Academic Press, San Francisco.

2004 *California Archaeology*. Academic Press, San Francisco.

Nelson, W.

2002 *Archaeological Inventory for the Caltrain Electrification Program Alternative in San Francisco, San Mateo, and Santa Clara Counties, California*. Document S-29657 file at the Northwest Information Center, Rohnert Park.

Office of Historic Preservation

1995 *Instructions for Recording Historical Resources*. Office of Historic Preservation, Sacramento.

2012 *Historic Property Directory*. Office of Historic Preservation, Sacramento.

Rice, C.

1994a *BART-San Francisco Airport Extension Project Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement: Archaeological Survey Report*. Document S-16687 file at the Northwest Information Center, Rohnert Park.

1994b *BART-San Francisco Airport Extension Project Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement: Archaeological Resources Technical Report*. Document S-16688 file at the Northwest Information Center, Rohnert Park.

Science Applications International Corporation

2000 *Phase 1 Archaeological Survey Along Onshore Portions of the Global West Fiber Optic Cable Project*. Document S-22657 file at the Northwest Information Center, Rohnert Park.

Scott, G.

1974 Letter report regarding Archaeological Resources and the Millbrae Avenue Interchange. Document S-4885 file at the Northwest Information Center, Rohnert Park.

SCWA Environmental Consultants

2006 *Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California*. Document S-33061 file at the Northwest Information Center, Rohnert Park.

Stanger, Frank M.

1938 *A California Rancho Under Three Flags: A History of Rancho Buri Buri in San Mateo County*. California Historical Society Quarterly 17, No. 3 (September 1938)

State of California Department of Parks and Recreation

1976 *California Inventory of Historic Resources*. Department of Parks and Recreation, Sacramento.

Thomas, J. and C. Baker

2012 *Cultural Resources Study for the Lomita Park, Martin, and Sullivan Regulator Stations Rebuild Project, San Mateo County, California*. Document S-38806 file at the Northwest Information Center, Rohnert Park.

Tillery, A., J. Sowers, and S. Pearce

2006 *Creek and Watershed Map of San Mateo & Vicinity*, 1:25,800. Oakland Museum of California, Oakland.

United States Department of Agriculture

2014 *Natural Resources Conservation Service: Web Soil Survey*. Website <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>, accessed on August 27, 2014.

United States Army Corps of Engineers

1939 San Mateo, California. 15' series map. Geologic Survey, Washington, D.C.

United States Geological Survey

1896 San Mateo, California. 15' series map. Geologic Survey, Washington, D.C.

1899 San Mateo, California. 15' series map. Geologic Survey, Washington, D.C.

1915 San Mateo, California. 15' series map. Geologic Survey, Washington, D.C.

1949 Montara Mountain, California. 7.5' series map. Geologic Survey, Washington, D.C.

APPENDIX A

Native American Contact Efforts

**Native American Contact Log
Millbrae Station Area Specific Plan Update
Millbrae, San Mateo County**

Organization/Contact Person	Contact	Letters	Results
Native American Heritage Commission	Debbie Pilas-Treadway	4/1/2014	Response received via fax on 4/4/2014 indicating that a search of the sacred land files did not result in the finding of any resources in the immediate area. A list of additional contacts was provided.
Amah Mutsun Tribal Band of Mission San Juan Bautista	Michelle Zimmer Irene Zwierlein	7/3/14	No response received as of the date of this report.
Costanoan Rumsen Carmel Tribe	Tony Cerda	7/3/14	No response received as of the date of this report.
Indian Canyon Mutsun Band of Costanoan	Ann Marie Sayers	7/3/14	On July 10, 2014, Anne Marie Sayers of the Indian Canyon Mutsun Band of Costanoan called to ask about the Millbrae Station Area Specific Plan. We told her at the moment there are no proposed project activities planned within the area. Ms. Sayers stated that the tribe would like to be notified if projects within the Specific Plan Area are proposed because they have knowledge of archaeological sensitive areas within and adjacent to the Specific Plan Area.
Muwekma Ohlone Indian Tribe of the San Francisco Bay Area	Rosemary Cambra	7/3/14	No response received as of the date of this report.
The Ohlone Indian Tribe	Andrew Galvin	7/3/14	No response received as of the date of this report.
Trina Marine Ruano Family	Ramona Garibay	7/3/14	No response received as of the date of this report.
	Jakki Kehl	7/3/14	No response received as of the date of this report.
	Linda G. Yamane	7/3/14	No response received as of the date of this report.

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

915 Capitol Mall, RM 364
Sacramento, CA 95814
(916) 373-3710
(916) 373-5471 – Fax
nahc@pacbell.net

Information Below is Required for a Sacred Lands File Search

Project: Millbrae Station
County: San Mateo

USGS Quadrangles

Name: Montara Mountain
Township T2S Range R3E Section(s) Buri Buri Land Grant

Company/Firm/Agency: Tom Origer & Associates
Contact Person: Eileen Barrow

Street Address: PO Box 1531
City: Rohnert Park Zip: 94927
Phone: (707) 584-8200 Fax: (707) 584-8300
Email: eileen@origer.com

Project Description:

The City of Millbrae is amending the Millbrae Station Area Specific Plan. The study area is ~116 acres of land at the southern edge of the city, generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North.

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

915 Capitol Mall, RM 364
Sacramento, CA 95814
(916) 373-3710
(916) 373-5471 - Fax
nahc@pacbell.net

Information Below is Required for a Sacred Lands File Search

Project: Millbrae Station
County: San Mateo

USGS Quadrangles

Name: Montara Mountain
Township T2S Range R3E Section(s) Buri Buri Land Grant

Company/Firm/Agency: Tom Origer & Associates
Contact Person: Eileen Barrow

Street Address: PO Box 1531
City: Rohnert Park Zip: 94927
Phone: (707) 584-8200 Fax: (707) 584-8300
Email: eileen@origer.com



Project Description:

The City of Millbrae is amending the Millbrae Station Area Specific Plan. The study area is ~116 acres of land at the southern edge of the city, generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North.

STATE OF CALIFORNIAEdmund G. Brown, Jr., Governor**NATIVE AMERICAN HERITAGE COMMISSION**

1550 Harbor Blvd.
West Sacramento, CA 95691
(916) 373-3710
Fax (916) 373-5471



April 4, 2014

Eileen Barrow
Tom Origer and Associates
PO Box 1531
Rohnert Park, CA 94927

VIA FAX: 707-584-8300
Number of Pages: 2

Re: Millbrae Station project, San Mateo County

Dear Ms. Barrow:

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed 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 or group. 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 individuals or groups, 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) 373-3713.

Sincerely,

Debbie Pilas-Treadway
Environmental Specialist III

**Native American Contacts
San Mateo County
April 4, 2014**

Jakki Kehl
720 North 2nd Street
Patterson, CA 95363
(209) 892-1060

Ohlone/Costanoan

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

Ohlone/Costanoan

Linda G. Yamane
1585 Mira Mar Ave
Seaside, CA 93955
rumsien123@yahoo.com
831-394-5915

Ohlone/Costanoan

Muwekma Ohlone Indian Tribe of the SF Bay Area
Rosemary Cambra, Chairperson
PO Box 360791
Milpitas, CA 95036
muwekma@muwekma.org
408-205-9714
510-581-5194

Ohlone / Costanoan

Amah Mutsun Tribal Band of Mission San Juan Bautista
Irene Zwierlein, Chairperson
789 Canada Road
Woodside, CA 94062
amahmutsuntribal@gmail.com

650-400-4806 cell

650-332-1526 - Fax

Ohlone/Costanoan

The Ohlone Indian Tribe
Andrew Galvan
PO Box 3152
Fremont, CA 94539
chochenyo@AOL.com
(510) 882-0527 - Cell
(510) 687-9393 - Fax

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Amah Mutsun Tribal Band of Mission San Juan Bautista
Michelle Zimmer
789 Canada Road
Woodside, CA 94062
amahmutsuntribal@gmail.com

(650) 851-7747 - Home

650-332-1526 - Fax

Ohlone/Costanoan

Trina Marine Ruano Family
Ramona Garibay, Representative
30940 Watkins Street
Union City, CA 94587
510-972-0645-home

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

soaprootmo@comcast.net

Coastanoan Rumsen Carmel Tribe
Tony Cerda, Chairperson
240 E, 1st Street
Pomona, CA 91766
rumsen@aol.com
(909) 524-8041 Cell
909-629-6081

Ohlone/Costanoan

This list is current only as of the date of this document.

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 Americans with regard to cultural resources for the proposed Millbrae Station Area Specific Plan, San Mateo County.

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

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

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Zwierlein:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Michelle Zimmer
Amah Mutsun Tribal Band of Mission San Juan Bautista
789 Canada Road
Woodside, CA 94062

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Zimmer:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

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

RE: Milbrae Station Area Specific Plan Update

Dear Mr. Cerda:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Ann Marie Sayers
Indian Canyon Mutsun Band of Costanoan
PO Box 28
Hollister, CA 95024

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Sayers:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Rosemary Cambra
Muwekma Ohlone Indian Tribe of the SF Bay Area
PO Box 360791
Milpitas, CA 95036

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Cambra:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Andrew Galvan
The Ohlone Indian Tribe
PO Box 3152
Fremont, CA 94539

RE: Milbrae Station Area Specific Plan Update

Dear Mr. Galvan:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Ramona Garibay
Trina Marine Ruano Family
30940 Watkins Street
Union City, CA 94587

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Garibay:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Jakki Kehl
720 North 2nd Street
Patterson, CA 95363

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Kehl:

I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate

Tom Origer & Associates

Archaeology / Historical Research

July 3, 2014

Linda G. Yamane
1585 Mira Mar Ave
Seaside, CA 93955

RE: Milbrae Station Area Specific Plan Update

Dear Ms. Yamane:

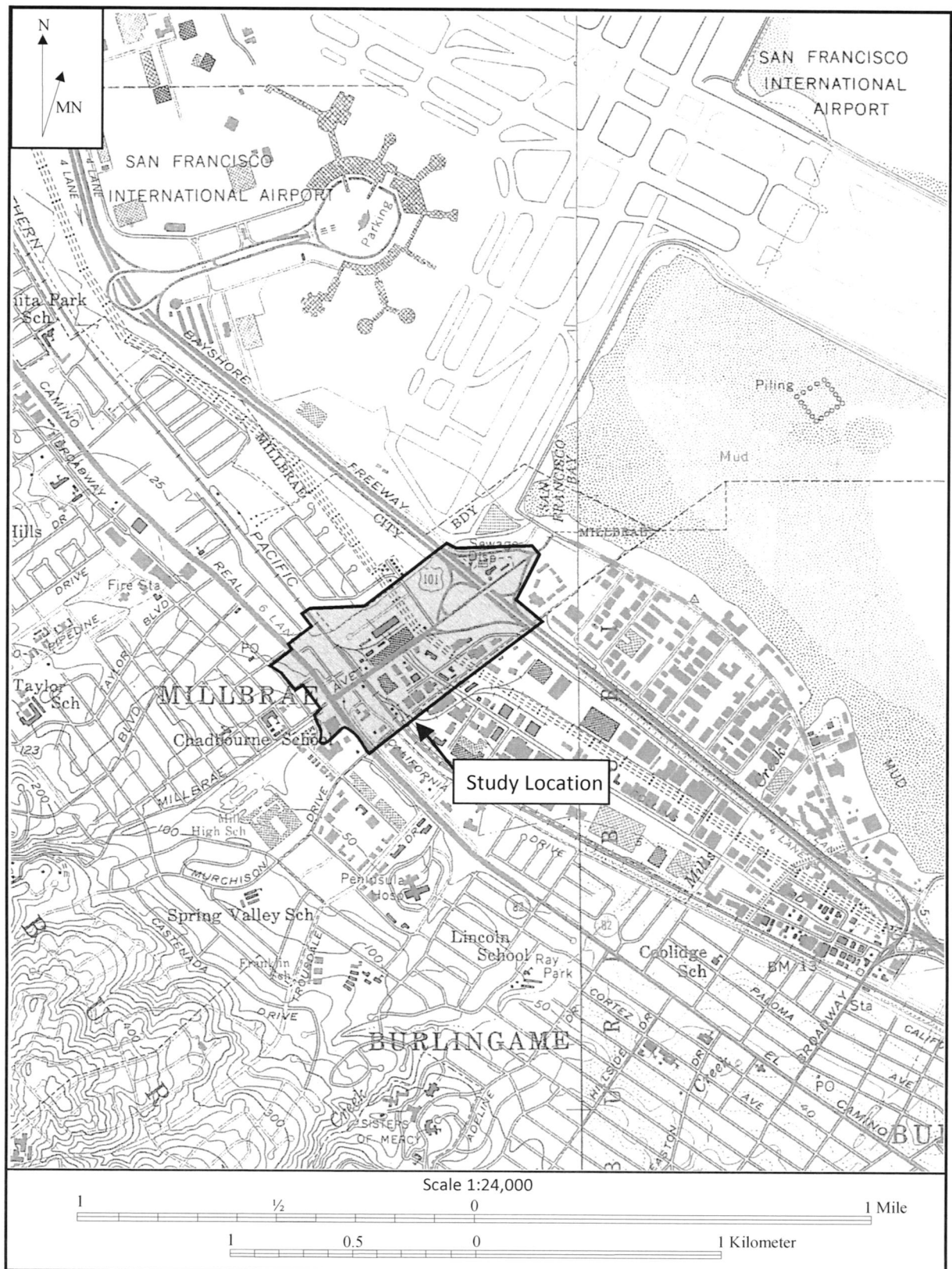
I write to notify you of a proposed specific plan amendment within San Mateo County, for which our firm is conducting a cultural resources study. The City of Milbrae is amending the Milbrae Station Area Specific Plan. The Milbrae Station Area is generally bounded by the Burlingame city limits to the south; the Millbrae Ave/US101 freeway interchange on the east; El Camino Real and Broadway on the west; and Victoria Ave, the City's public works storage yard, and the Highline Canal on the North. Project Manager William Kelly, City of Milbrae Community Development Department, is reviewing the project for CEQA compliance and can be reached at (714) 837-7502.

Enclosed is a portion of the Montara Mountain, Calif. 7.5' USGS topographic quadrangle showing the project location.

Sincerely,



Julia Franco
Associate



APPENDIX B

National Register of Historic Places Documentation

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY -- NOMINATION FORM**

FOR NPS USE ONLY	RECEIVED
RECEIVED	DEC 29 1977
DATE ENTERED	OHP

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

1 NAME

HRI # 4030-0001-0000

HISTORIC Southern Pacific Depot

AND/OR COMMON Southern Pacific Depot

2 LOCATIONSTREET & NUMBER 21 E. Millbrae Avenue, Millbrae, California
(Corner of Millbrae Ave. & California Drive)

NOT FOR PUBLICATION

CITY, TOWN

Millbrae

VICINITY OF

11

CONGRESSIONAL DISTRICT

STATE

California

CODE

06

COUNTY

San Mateo

CODE

081

3 CLASSIFICATION

CATEGORY

☐ DISTRICT☒ BUILDING(S)☐ STRUCTURE☐ SITE☐ OBJECT

OWNERSHIP

☐ PUBLIC☒ PRIVATE☐ BOTH

PUBLIC ACQUISITION

☐ IN PROCESS☐ BEING CONSIDERED

STATUS

☒ OCCUPIED☐ UNOCCUPIED☐ WORK IN PROGRESS

ACCESSIBLE

☐ YES: RESTRICTED☒ YES: UNRESTRICTED☐ NO

PRESENT USE

☐ AGRICULTURE☐ COMMERCIAL☐ EDUCATIONAL☐ ENTERTAINMENT☐ GOVERNMENT☐ INDUSTRIAL☐ MILITARY☐ MUSEUM☐ PARK☐ PRIVATE RESIDENCE☐ RELIGIOUS☐ SCIENTIFIC☒ TRANSPORTATION☐ OTHER Depot**4 OWNER OF PROPERTY**

NAME Southern Pacific Transportation Co.

STREET & NUMBER

41 Market Street

CITY, TOWN

San Francisco

VICINITY OF

STATE

California

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,

REGISTRY OF DEEDS, ETC.

San Mateo County Courthouse - County Clerk/Recorder

STREET & NUMBER

Hall of Justice, Marshall Street

CITY, TOWN

Redwood City

STATE

California 94063

6 REPRESENTATION IN EXISTING SURVEYS

TITLE Historical Resources Inventory

DATE

1977

☐ FEDERAL ☒ STATE ☐ COUNTY ☐ LOCALDEPOSITORY FOR
SURVEY RECORDSThe Resources Agency, State of California Dept. of
Parks and Recreation

CITY, TOWN

Sacramento

STATE

California

DESCRIPTION

CONDITION

☐ EXCELLENT
☒ GOOD
☐ FAIR

☐ DETERIORATED
☐ RUINS
☐ UNEXPOSED

CHECK ONE

☒ UNALTERED
☐ ALTERED

CHECK ONE

☒ ORIGINAL SITE
☐ MOVED DATE _____

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

The Millbrae Southern Pacific Depot building is a 2-story, wood frame structure with hipped roof of wood shingle materials. The upper floor was designed for living quarters. The depot is typical of those built in the early 1900's with the Colonial Revival look. The east side of the building is a covered portico for the benefit of passengers. Approximate size is 65 feet by 50 feet.

The site is bounded on the north by Millbrae Avenue, on the west by California Drive, on the south by commuter parking, and on the east by 3 sets of tracks beyond which is Oshman's Sporting Goods.

Still in use as a depot-ticket dispensing facility, the building is on the original site where the first two buildings (depots) had previously burned. The location is adjacent to Millbrae's busiest thoroughfare, Millbrae Avenue, which carries traffic from Highway 101 (Bayshore Freeway) to El Camino Real, the City of Millbrae, and beyond to Highway 280 (Junipero Serra Freeway).

The structure is currently in need of re-painting. It is to be moved 200 feet south to allow widening of Millbrae Avenue.

This detached, generally rectangular building contains 10 double hung sash windows and eleven doors.

The lower floor consists of a Waiting Room with two sets of chair-benches hooked together to form two solid rows on two sides of the room, an Office with two oak desks and a large, visible Southern Pacific safe, and a Baggage Room. There is also a ticket window on the wall which separates the Office and Waiting Room.

There is obvious need for either roof repairs or re-roofing.

8 SIGNIFICANCE

PERIOD		AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW				
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION		
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE		
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE		
<input type="checkbox"/> 1600-1699	<input checked="" type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN		
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER		
<input type="checkbox"/> 1800-1899	<input type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input checked="" type="checkbox"/> TRANSPORTATION		
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input checked="" type="checkbox"/> OTHER (SPECIFY)		
		<input type="checkbox"/> INVENTION	Railroad Depot			

SPECIFIC DATES Original 1864
Present 1907

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

The first train depot in Millbrae was completed by San Francisco-San Jose Railroad Co. in 1864 at the same location as the existing depot. Land and right-of-way were deeded by Darius Ogden Mills, of banking fame, in 1863. San Francisco & San Jose Railroad became part of the Southern Pacific Transcontinental System March 30, 1868.

In 1866 Millbrae's first post office located in the depot.

The original depot structure burned to the ground in 1890, was re-built and burned in 1906. At that time the post office moved to Lauer & Lovegreen General Store.

The present depot was completed in 1907.

On September 5, 1976 Millbrae Historical Society Marker No. 3 was dedicated in a civic ceremony with Southern Pacific officials present. The depot is soon to be moved 200 feet south to allow for widening of Millbrae Avenue. At that time the bronze marker will be encased in cement and permanently installed adjacent to the building, marking the original site.

This depot is typical of those built in the early 1900's. The importance of a railroad stop in Millbrae is highly significant to the growth and prosperity of the community which was, prior to rail traffic, only a large rancho with few inhabitants. Population of Millbrae expanded rapidly thereafter.

This historic building has been painted only once, in 1970, since the original painting. The Millbrae Beautification Commission brought pressure to bear on Southern Pacific Transportation Company to re-paint the 1907 structure. With their refusal, the Commission approached the San Mateo Co. Local Painters Union and attained their promise to donate their services. Southern Pacific refused to allow it but with repeated pressures from the Beautification Commission the company finally agreed to and did paint the building yellow with white trim. A civic dedication ceremony was then held by the Beautification Commission and was attended by So. Pacific officials, Millbrae's Mayor and City Council as well as many area residents. Southern Pacific continually states in the media that it wants out of the commute business on the Peninsula. Millbrae Historical Society believes that this depot is in imminent danger of being sold, destroyed, or otherwise lost to the public.

9 MAJOR BIBLIOGRAPHICAL REFERENCES

"Place Names of San Mateo County" (p. 255); Dr. Connel Brown
"History of Millbrae"; Audrey E. Harris
"Here Today"; Junior League of San Francisco
San Mateo Leader; Dec. 26, 1906; Redwood City Demo; 11/27/06; 10/3/07;
Referring to original depot fire: 7/26/90 and 11/22/90.

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY 62 feet by 94 feet

UTM REFERENCES

A 10 559320 4116130.9
ZONE EASTING NORTHING
C

B
ZONE EASTING NORTHING
D

VERBAL BOUNDARY DESCRIPTION

The boundaries of Southern Pacific Depot, Millbrae, California, are shown on the accompanying map entitled "S.P.T.C. Railway Station Relocation Millbrae, Calif." The nominated property is roughly 62' x 94' as shown on map entitled "Possible Historic Site S.P.T.C. Millbrae Station". The building and site are bounded on the north by Millbrae Avenue, on the east by 3 sets of tracks, on the south by a Computer Parking Lot and on the west by California Drive.

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE	CODE	COUNTY	CODE
STATE	CODE	COUNTY	CODE

11 FORM PREPARED BY

NAME / TITLE Frances Baxter, Historian

ORGANIZATION Millbrae Historical Society

DATE December 2, 1977

STREET & NUMBER 18 Corte Princessa

TELEPHONE 415-692-3720

CITY OR TOWN Millbrae,

STATE California

12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL

STATE

LOCAL X

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

Knay m Ellen

TITLE State Historic Preservation Officer

DATE 3/9/78

FOR NPS USE ONLY

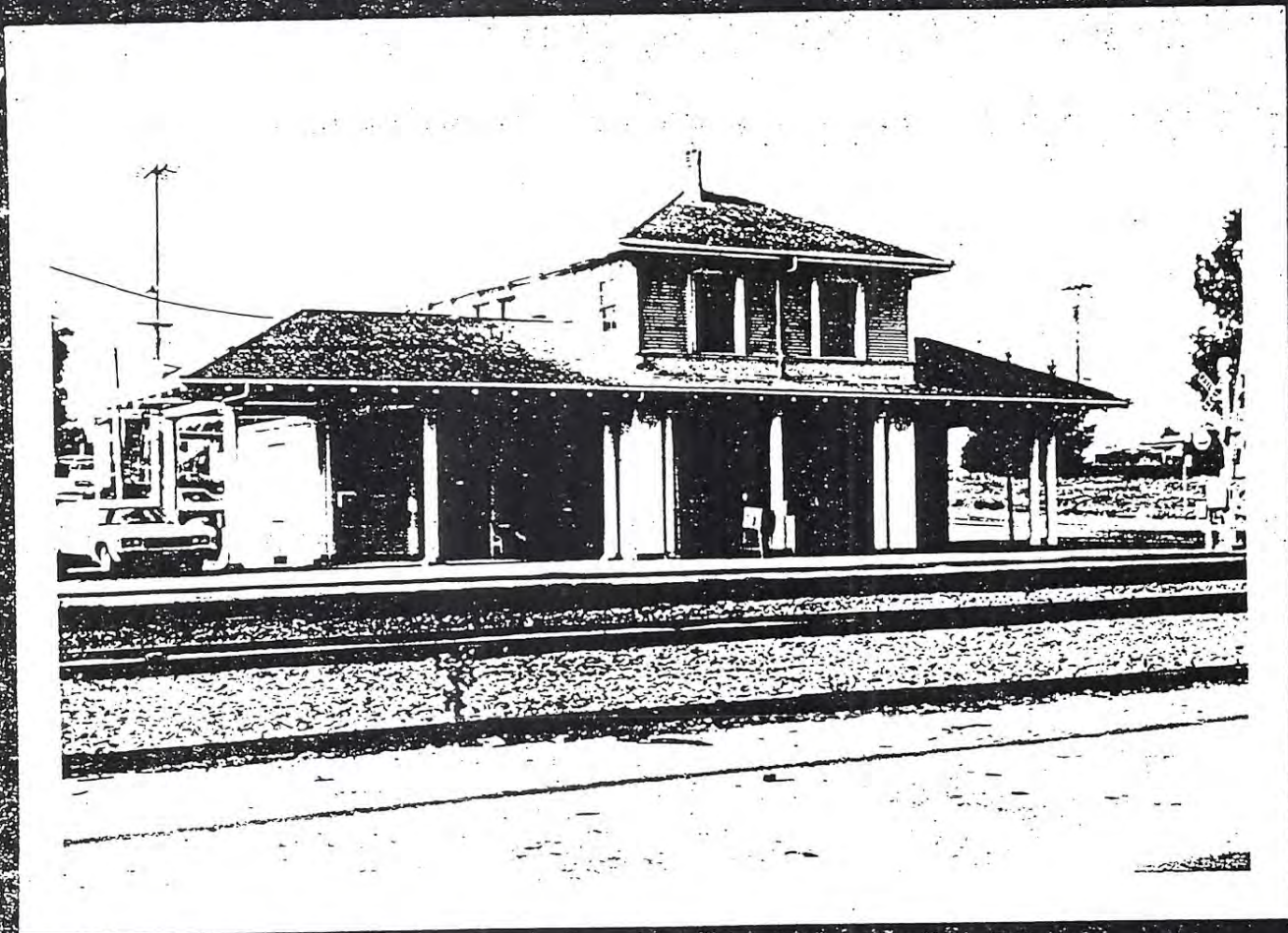
I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

DATE

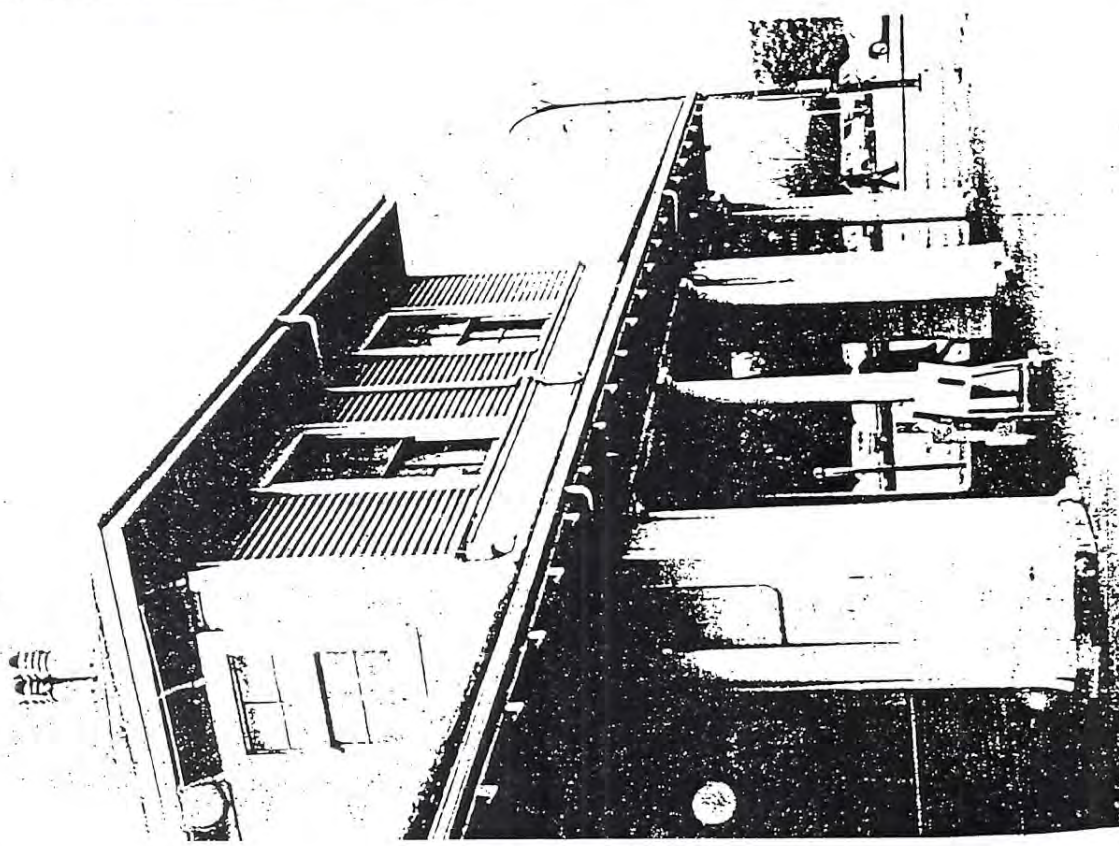
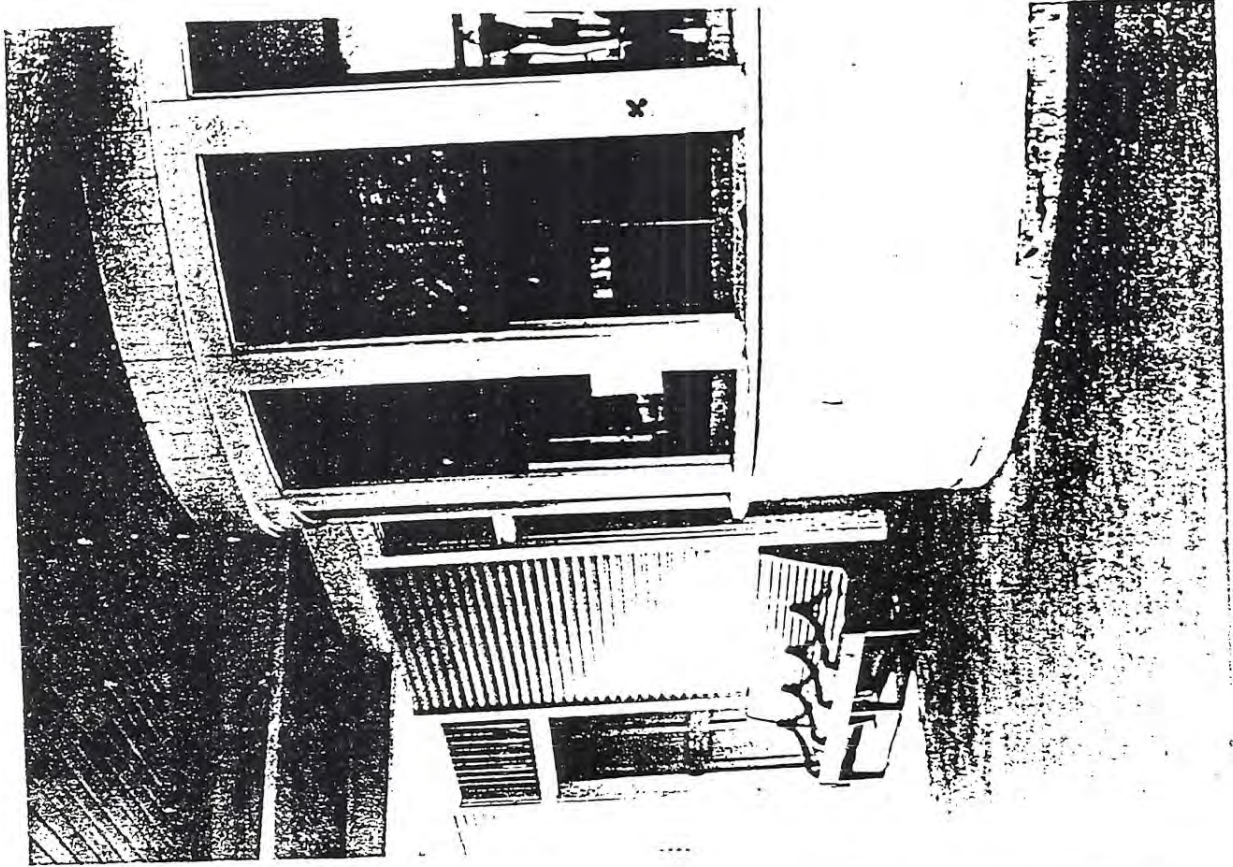
DIRECTOR, OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION
ATTEST:

DATE

KEEPER OF THE NATIONAL REGISTER

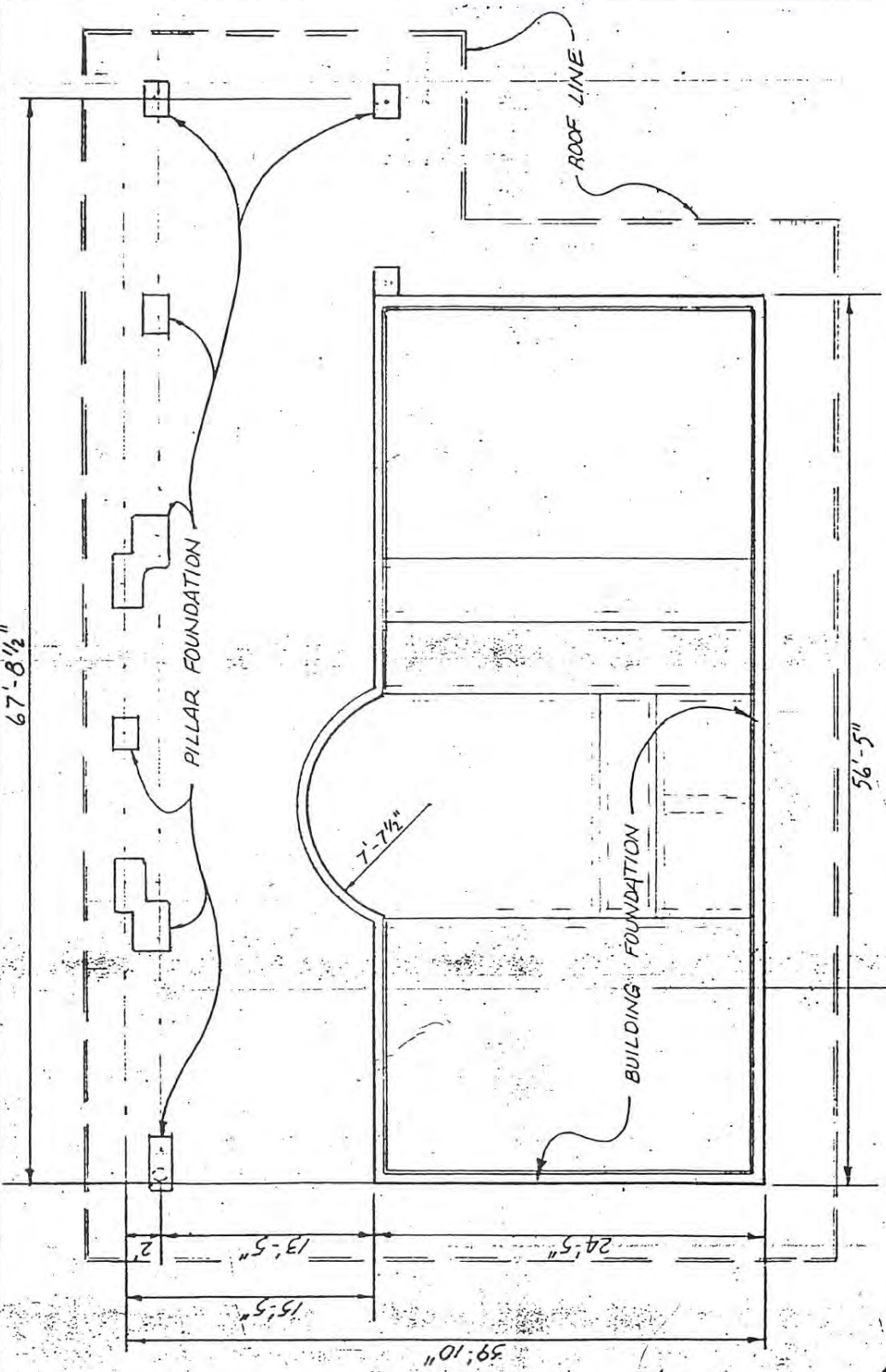






94'

67'-8 1/2"



94'

POSSIBLE HISTORICAL SITE
S.P.T.C. MILLBRAE STATION



CALIFORNIA DRIVE

RAILROAD AVE.

MILLBRAE

AVE.

Proposed R/W

Existing R/W

Existing R/W

Proposed R/W

Existing

SPTC Station

See Attached
Historical Site
Drawing

200'±

RAILWAY

S.P.T.C.

Proposed

SPTC Station

SPTC R/W

S.P.T.C. RAILWAY
STATION RELOCATION
MILLBRAE, CALIF.

MONTARA MOUNTAIN QUADRANGLE
CALIFORNIA-SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

SW 1/4 SAN MATEO 15' QUADRANGLE

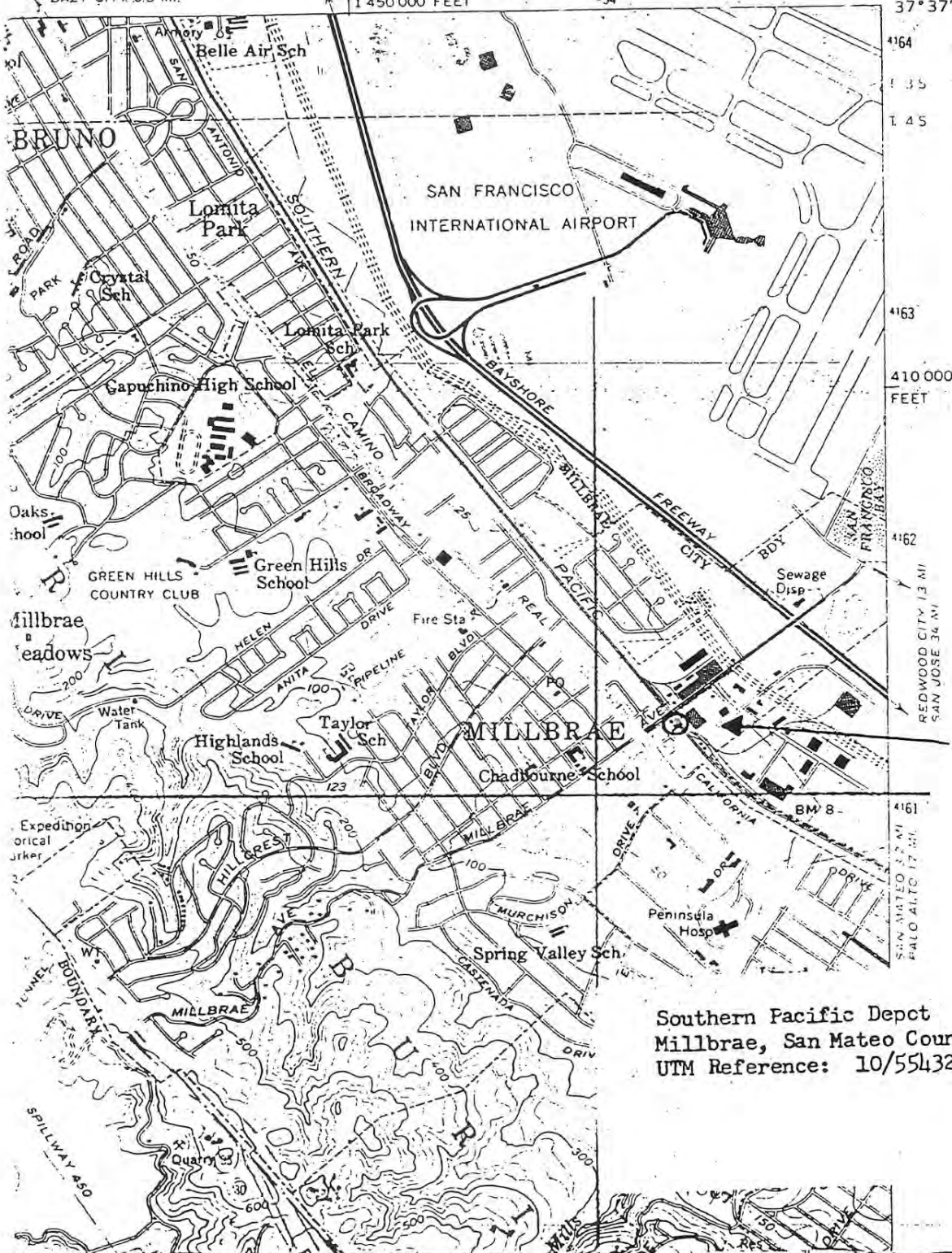
CIVIC CENTER 13 MI.
DALY CITY 6.5 MI.

SAN FRANCISCO CIVIC CENTER 12 MI.
1 450 000 FEET

554

122°22'30"
37°37'30"

1559 HUNTERS POINT



Southern Pacific Depot
Millbrae, San Mateo County, California
UTM Reference: 10/554320/4161300



COUNTY OF SAN MATEO

COUNTY GOVERNMENT CENTER • REDWOOD CITY • CALIFORNIA 94063 (415) 364-5600 EXT. 4161

February 21, 1978

Office of Historic Preservation
Department of Parks and Recreation
P.O. Box 2390
Sacramento, CA 95811

Gentlemen:

Thank you for your letter notifying San Mateo County of the State Historic Resources Commission hearing on the Southern Pacific Depot in the City of Millbrae for inclusion on the National Register of Historic Places.

San Mateo County is presently in the process of developing a Historic Resources Element to its General Plan. The County Board of Supervisors has also been appointed a Historic Resources Board to work with County staff on the Element and to act as an implementing body after its adoption. It is anticipated the element will be completed by early 1979 and that the County Historical Resources Board will be in full operation at that time.

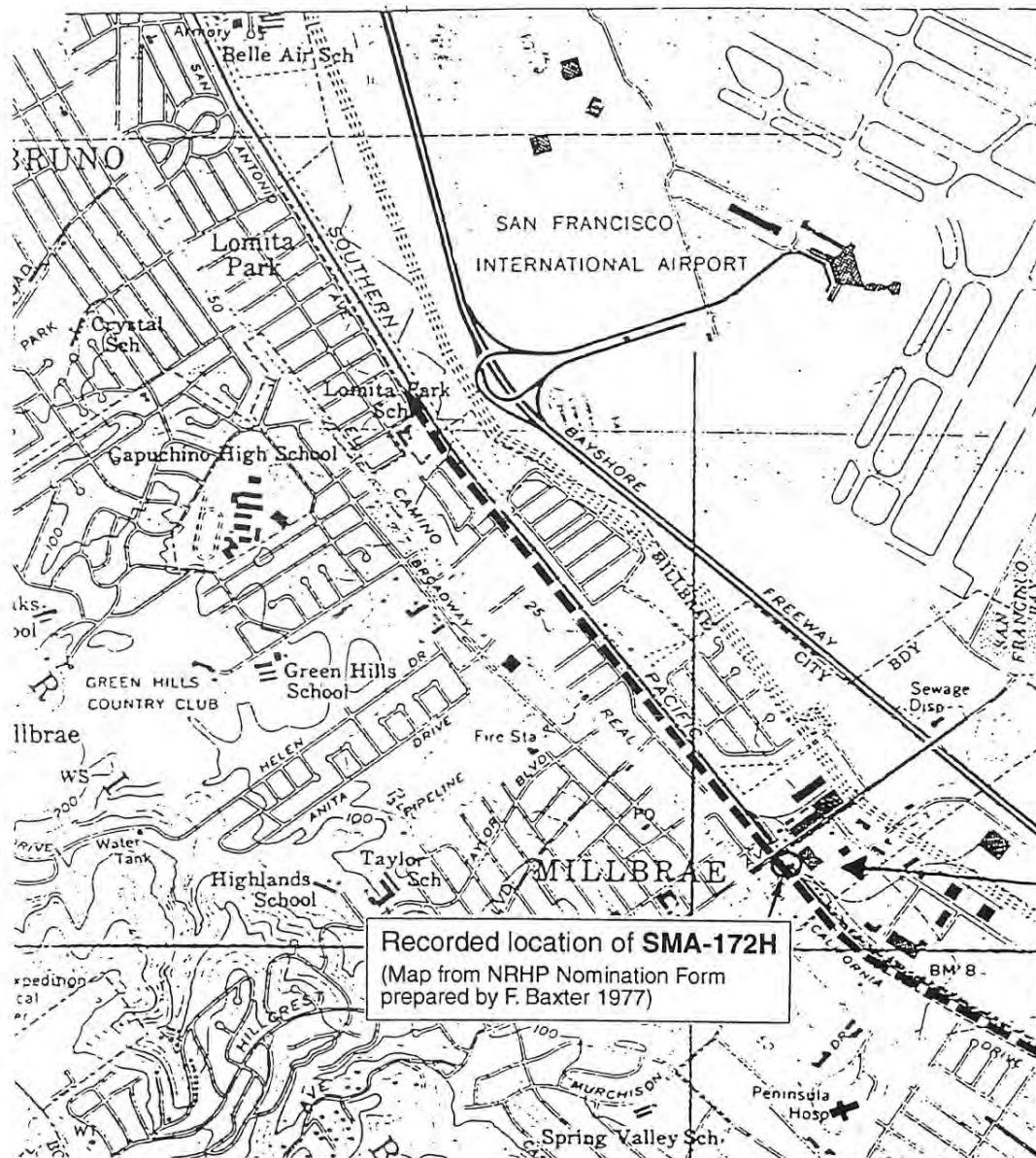
In respect to the Millbrae Depot, the existing County inventory of historic sites does not include this structure. However, in conjunction with development of the Historic Resources Element, all sites of potential historic, cultural, or archaeological interest in the County will be inventoried and evaluated.

The Millbrae Depot was built in 1907 and is typical in architectural style of a small town station at the turn of the century. As such, it represents a cultural feature of the City of Millbrae which is important to its development and its historic past. While the building may not be of County-wide historic interest, it is of great cultural and historic value to the City of Millbrae and every effort should be made to ensure its protection.

Very truly yours,

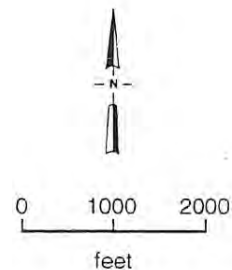
George P. Miller
George P. Miller
Planner III

GPM:ts



LEGEND

--- Pipeline Centerline



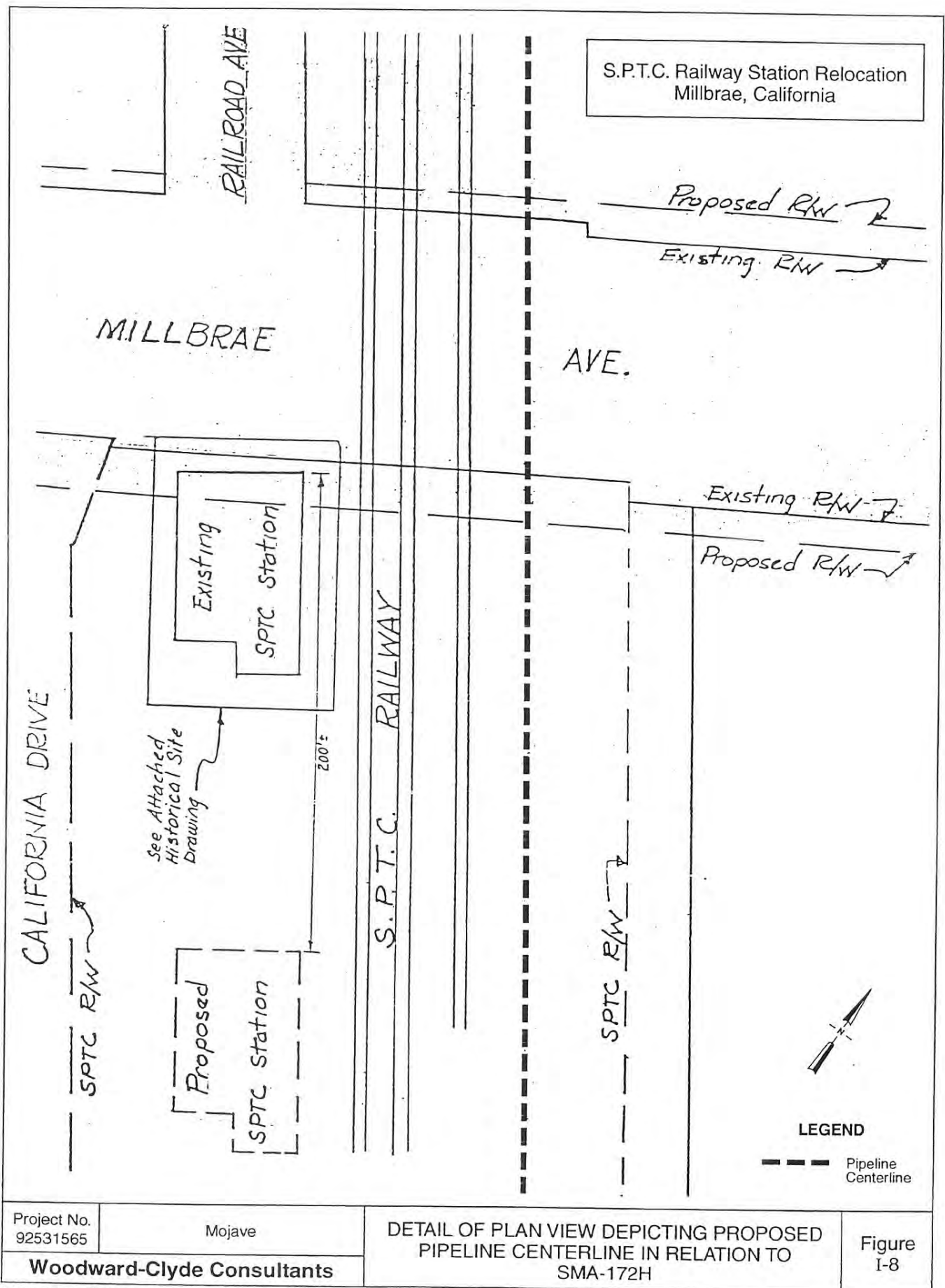
Project No.
92531565

Mojave

Woodward-Clyde Consultants

PLAN VIEW DEPICTING PROPOSED PIPELINE
CENTERLINE IN RELATION TO SMA-172H

Figure
I-7



map taken from S#17793

State of California -- Resources Agency
DEPARTMENT OF PARKS AND RECREATION

MAP REFERENCE NO. 41

() LISTED () DETERMINED ELIGIBLE
() APPEARS ELIGIBLE (X) APPEARS INELIGIBLE

IDENTIFICATION

1. Common Name: Millbrae Cabinet Shop
2. Historic Name: Millbrae Cabinet Shop
3. Street or rural address: 190 El Camino Real
City: Millbrae Zip Code: 94030 County: San Mateo
4. Parcel Number: 22-154-46 Present Owner: Dan Thurston
Address: 190 El Camino Real City: Millbrae Zip Code: 94030
5. Ownership is: () Public (X) Private
6. Present Use: residential Original Use: residential

DESCRIPTION

- 7a. Architectural Style: Vernacular Industrial
- 7b. Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

This two-story (on a raised basement), rectangular plan building has a gabled second story above the wider, stuccoed first story. Structurally, the building is stud-wall, wood-frame construction with a perimeter concrete foundation. The gable roof is covered with asphalt shingles, and the roof eaves have exposed rafters. (See Continuation Sheet)

8. Construction date: 1940
Estimated: () Pactual: (X)

9. Architect: none

10. Builder: unknown

[photo attached to continuation sheet]

11. Approx. property size (in feet)
Frontage: 100 Depth: 400

12. Date(s) of enclosed photograph(s):
December, 1995
Photographer: Ward Hill



13. Condition: Excellent () Good (X) Fair () Deteriorated ()
14. Alterations: stuccoed exterior; aluminum windows.
15. Surroundings: (Check more than one if necessary) Open land () Scattered buildings ()
Densely built-up (X) Residential (X) Industrial () Commercial () Other:
16. Threats to site: None known () Private Development () Zoning () Vandalism () Public Works Project (X)
Other:
17. Is the structure: On its original site? (X) Moved? () Unknown? ()
18. Related features: storage yard adjacent to building.

SIGNIFICANCE

19. Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

The San Mateo County Assessor records indicate this cabinet shop was constructed in 1940. The Millbrae Telephone Directories first list the Millbrae Cabinet Shop at this address (originally 304 El Camino) in 1941. The 1942 Millbrae City Directory indicates that Emil Helmig was the owner of the Millbrae Cabinet Shop. Helmig apparently moved the business to this location in 1940, since the 1938-1940 city directories list the Millbrae Cabinet Shop in a building nearby at 250 El Camino Real. (See Continuation Sheet)

20. Main theme of historic resource: (If more than one is checked, number in order of importance.)

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)

Architecture (X) Arts & Leisure ()
Economic/Industrial () Exploration/Settlement ()
Government () Military () Religion ()
Social/Education ()

21. Sources: (List books, documents, surveys, personal interviews and their dates.)

SEE ATTACHED APE MAP

Appraisal Reports, San Mateo County Assessor's Office.
Burlingame, San Mateo & Hillsborough City Directories (includes Millbrae, 1942, 1947.
Pacific Bell Telephone Directories, Millbrae, 1939-1950.
Sanborn Fire Insurance Maps, Millbrae, 1949.

22. Date Form Prepared: January 17, 1995
By: Laurence H. Shoup/Ward Hill
Organization: Archaeological/Historical Consultants
Address: 609 Aileen Street
City: Oakland
Zip Code: 94609
Phone: (510) 654-8635

Item 7b continued

The front facade of the building (facing El Camino) has been completely altered with new stucco and windows. The major surviving, original features of the building are visible on the rear facade facing the railroad tracks. The gabled second story is covered with rustic siding, and it has four wood-sash, six-light, casement windows. The stuccoed first story has a stepped gable and three pairs of wood-sash, double-hung windows. The corrugated metal roof shelter attached to the building is a recent addition.

Item 19 continued

The 1949 Millbrae Sanborn map shows the Millbrae Cabinet Shop at 304 El Camino Real adjacent to the Millbrae Lumber Company, a separate business.

The extensive remodeling of this building has severely compromised its integrity. Even if its integrity was less compromised, this building is an unexceptional example of an industrial building that is not unusual in the Millbrae/San Bruno area. The members of the Helmig household, owners of the Millbrae Cabinet Shop, were not historically significant persons in the San Bruno area, and the Millbrae Cabinet Shop was not a locally significant business, and thus not related to any major themes or events of historic significance. In conclusion, 190 El Camino Real does not appear to be eligible for the National Register because its integrity has been compromised, and it is not significant under criteria a, b or c.

HIST RES. 173-41-96-2119-0000
TRDP 101929 NR. 642

State of California -- Resources Agency
DEPARTMENT OF PARKS AND RECREATION

MAP REFERENCE NO. 42

() LISTED () DETERMINED ELIGIBLE
() APPEARS ELIGIBLE (X) APPEARS INELIGIBLE

IDENTIFICATION

1. Common Name: Millbrae Serra Convalescent Hospital
2. Historic Name: Millbrae Serra Sanitorium
3. Street or rural address: 150 Serra Avenue
City: Millbrae Zip Code: 94030 County: San Mateo
4. Parcel Number: 24-337-1,8,9 Present Owner: Vincent A. Muzzi
Address: 1766 El Camino Real City: Burlingame Zip Code: 94010
5. Ownership is: () Public (X) Private
6. Present Use: residential Original Use: residential

DESCRIPTION

7a. Architectural Style: Modern

7b. Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

This convalescent hospital is on a flat, narrow lot bounded by on the west by Serra Avenue and on the east by the Southern Pacific Railroad tracks. Adjacent to its front facade on Serra Avenue, the building has a simple garden consisting of a lawn and trimmed hedges. This simply detailed, long, rectangular plan building has a flat roof and a plain front facade with a series of four projecting window bays. (See Continuation Sheet)

8. Construction date: 1947-1948
Estimated: () Factual: (X)

9. Architect: none

10. Builder: unknown

[photo attached to continuation sheet]

11. Approx. property size (in feet)
Frontage: 500 Depth: 200

12. Date(s) of enclosed photograph(s):
December, 1995
Photographer: Ward Hill



13. Condition: Excellent () Good (X) Fair () Deteriorated ()
14. Alterations: metal sash, anodized glass windows.
15. Surroundings: (Check more than one if necessary) Open land () Scattered buildings ()
Densely built-up (X) Residential (X) Industrial () Commercial () Other:
16. Threats to site: None known () Private Development () Zoning () Vandalism () Public Works Project (X)
Other:
17. Is the structure: On its original site? (X) Moved? () Unknown? ()
18. Related features: front yard.

SIGNIFICANCE

19. Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

Originally known as the Millbrae Serra Sanitorium, the hospital was first listed in the Millbrae telephone directories in 1935. The hospital's original small, wood-frame buildings on this site along Serra Avenue (originally Hemlock Avenue) were largely replaced when the reinforced concrete building extant today was constructed in 1947 to 1948. The 1949 Sanborn map shows a couple of the hospital's older wood-frame buildings still standing at the north end of the lot. These buildings were replaced with an addition to the 1947/1948 concrete building in 1952 (Muzzi 1995). (See Continuation Sheet)

20. Main theme of historic resource: (If more than one is checked, number in order of importance.)

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)

Architecture (X) Arts & Leisure ()
Economic/Industrial () Exploration/Settlement ()
Government () Military () Religion ()
Social/Education ()

21. Sources: (List books, documents, surveys, personal interviews and their dates.)

SEE ATTACHED APE MAP

Discussion with Vincent Muzzi, son of the original owner,
December, 1995.

Pacific Bell Telephone Directories, 1933-1950.

Sanborn Fire Insurance Maps, Millbrae, 1949.

22. Date Form Prepared: January 16, 1996

By: Laurence H. Shoup/Ward Hill

Organization: Archaeological/Historical Consultants

Address: 609 Aileen Street

City: Oakland

Zip Code: 94609

Phone: (510) 654-8635

150 Serra Avenue
Continuation Sheet 1

Item 7b continued

In the center of each bay is a group of four contiguous, wood-sash, double-hung windows. Structurally, the hospital is reinforced concrete construction with a concrete foundation. The building has a simple cornice composed of a shallow projection and a low roof parapet. In addition to the double-hung windows, the building has fixed-pane, pivoted sash windows. At the south end of the building, the windows and doors on the front facade of the main reception and office area have been replaced with modern metal-sash with anodized glass.

Item 19 continued

The integrity of the Millbrae Serra Convalescent Hospital was somewhat compromised when some of the windows and doors were replaced with anodized, metal-sash glazing. Even if its integrity was less compromised, this hospital is an undistinguished example of its type in the Millbrae/San Bruno area. The hospital does not appear to have been significant in local history, and it is not associated with significant historic themes or events. In conclusion, 150 Serra Avenue does not appear to be eligible for the National Register because its integrity has been compromised, and it is not significant under criteria a, b or c.

150 Serra Avenue
Continuation Sheet 2



AT0A7N-02



APPENDIX C

Rice 1994 EIR/EIS Survey & Technical report

BART-San Francisco Airport Extension Project
Draft Environmental Impact Report /
Supplemental Draft Environmental Impact Statement

Archaeological Survey Report

Prepared for:

BART / SamTrans
Ogden Environmental and Energy Services Company

Prepared by:

A handwritten signature in cursive script, reading "Carolyn Rice", is written over a horizontal line.

Carolyn Rice
Consulting Archaeologist
600 Grizzly Peak Blvd.
Berkeley, CA 94708

June 1994
(Revised December 1994)

Table of Contents

SUMMARY OF FINDINGS	1
1. INTRODUCTION	2
2. PROJECT LOCATION AND DESCRIPTION	2
2.1 Proposed Project - Locally Preferred Alternative (LPA)	2
2.2 Alternative I – No Build	5
2.3 Alternative II – Transportation Systems Management (TSM)	5
2.4 Alternative III – BART to Airport Intermodal Station (Base Case)	5
2.5 Alternative IV – BART Aerial East of Highway 101 to Millbrae	5
2.6 Alternative V – Millbrae Intermodal (Minimum Length Subway in Downtown San Bruno)	5
2.7 Alternative VI – Millbrae Avenue via the Airport International Terminal	6
3. SOURCES CONSULTED	6
4. BACKGROUND	7
4.1 Environment	7
4.2 Ethnography	7

Table of Contents (cont.)

4.3	Archaeology	8
4.4	History	9
<hr/>		
5.	FIELD METHODS	9
<hr/>		
5.1	Field Survey	9
5.2	Archaeological Testing	12
<hr/>		
6.	FINDINGS AND CONCLUSIONS	12
<hr/>		
7.	REFERENCES	15
<hr/>		

List of Figures

1	Regional Location	3
2	Project Corridor	4
3	Archaeological Survey Area	10
3a	Archaeological Survey Area	11

List of Tables

1	Results of Archaeological Testing at Site SMA-299	13
---	---	----

List of Appendices

A	Record Search Receipt	A-1
B	Agency Correspondence	B-1

List of Confidential Appendices

A	Archaeological Site Record	A-1
B	Archaeological Testing Locations	B-1

SUMMARY OF FINDINGS

From August to October, 1993, a literature search, field survey, and archaeological testing were performed for a Draft Environmental Impact Report (EIR) and Supplemental Draft Environmental Impact Study (EIS) for the BART-San Francisco International Airport Extension. The field reconnaissance was performed only in areas not previously surveyed for the initial cultural resources studies completed in 1991 (see Chavez, 1991). An augering program was performed on the one previously recorded prehistoric site on the alignment (SMA-299), in which no archaeological soils were uncovered. For further information regarding SMA-299, see confidential Appendix A. A copy of the following report is available on file at the Northwest Archaeological Information Center at Sonoma State University, and field notes with photographs for this undertaking have been retained by the author.

1. INTRODUCTION

On September 9, 1993, Carolyn Rice and Robyn Talman conducted an archaeological reconnaissance in unsurveyed portions of the project corridor. Their general qualifications and the dates worked on this project are listed below.

Carolyn Rice Lead Archaeological Surveyer	M.A. Anthropology 8 years archaeological experience in California	August to October, 1993
Robyn Talman	M.A. Latin and Classical Studies, 5 years archaeological experience in California	September 9, 1993

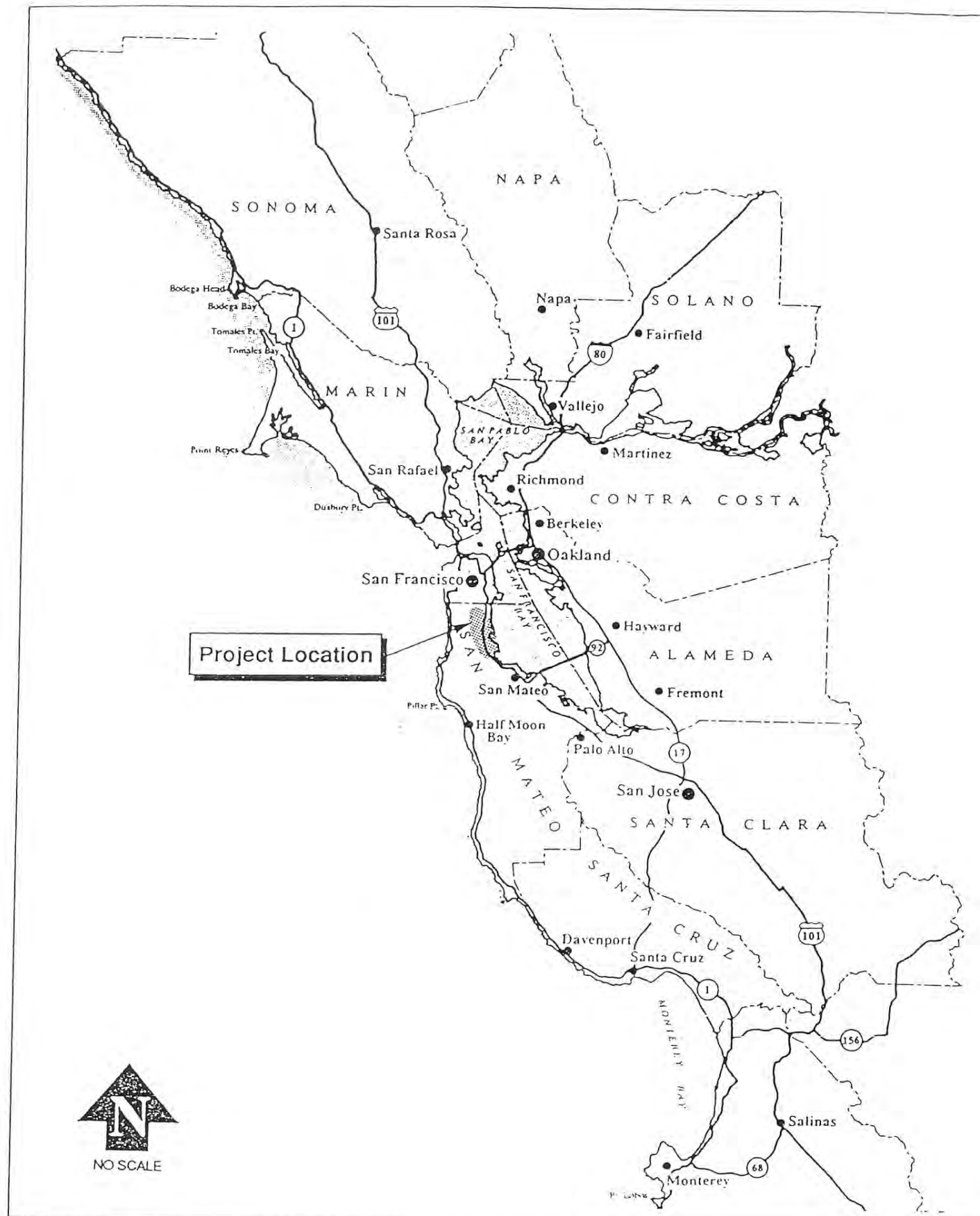
2. PROJECT LOCATION AND DESCRIPTION

The Bay Area Rapid Transit District (BART), in cooperation with the Federal Transit Administration (FTA), the Metropolitan Transportation Commission (MTC), and the San Mateo County Transit District (SamTrans), is undertaking the preparation of a Draft EIR and Supplemental Draft EIS for the BART San Francisco International Airport Extension Project. The project location is illustrated in Figures 1 and 2. The project is located in an urban setting, with portions of the right-of-way being new. The following discussion describes the proposed project and alternatives. In addition, BART is contemplating several design options that address construction techniques, alignments, and station layouts. Because these options do not affect the findings or conclusions of this report, they are not described here.

2.1. PROPOSED PROJECT – LOCALLY PREFERRED ALTERNATIVE (LPA)

The proposed project is the Locally Preferred Alternative (LPA) for extending BART from the Colma BART Station (under construction) to a San Francisco International Airport (SFIA) Intermodal Station, selected by the BART and SamTrans Boards of Directors and the MTC at the conclusion of the Alternatives Analysis/Draft Environmental Impact Statement/Draft Environmental Impact Report (AA/DEIS/DEIR) study process in June 1992.

The proposed project begins at the Colma BART Station (currently under construction), extends south in subway via the abandoned Southern Pacific Transportation Company (SPTCo) San Bruno branch right-of-way, and then ascends to an at-grade Tanforan Station at the South San Francisco/San Bruno city limits. South of the Tanforan Station, as it turns east under the CalTrain mainline tracks, the alignment would descend into a subway configuration. The proposed project would continue along the north side of I-380 until its junction with U.S. 101. At this point, the alignment would turn south under I-380 and continue in subway along the easterly limit of the City of San Bruno. The alignment would veer in a southwesterly direction across Airport property west of U.S. 101 and then ascend to an at-grade intermodal station west of U.S. 101, about one mile west of the Airport terminals. An Airport Light Rail System, constructed and operated by the Airport, would connect the intermodal station with Airport terminals and employment sites. South of the Airport Intermodal Station, tailtracks would extend about 3,000 feet toward Millbrae.



KEY

- BART Colma Alignment (Under Construction)
- Proposed Project & Station
- Project Alternatives & Station

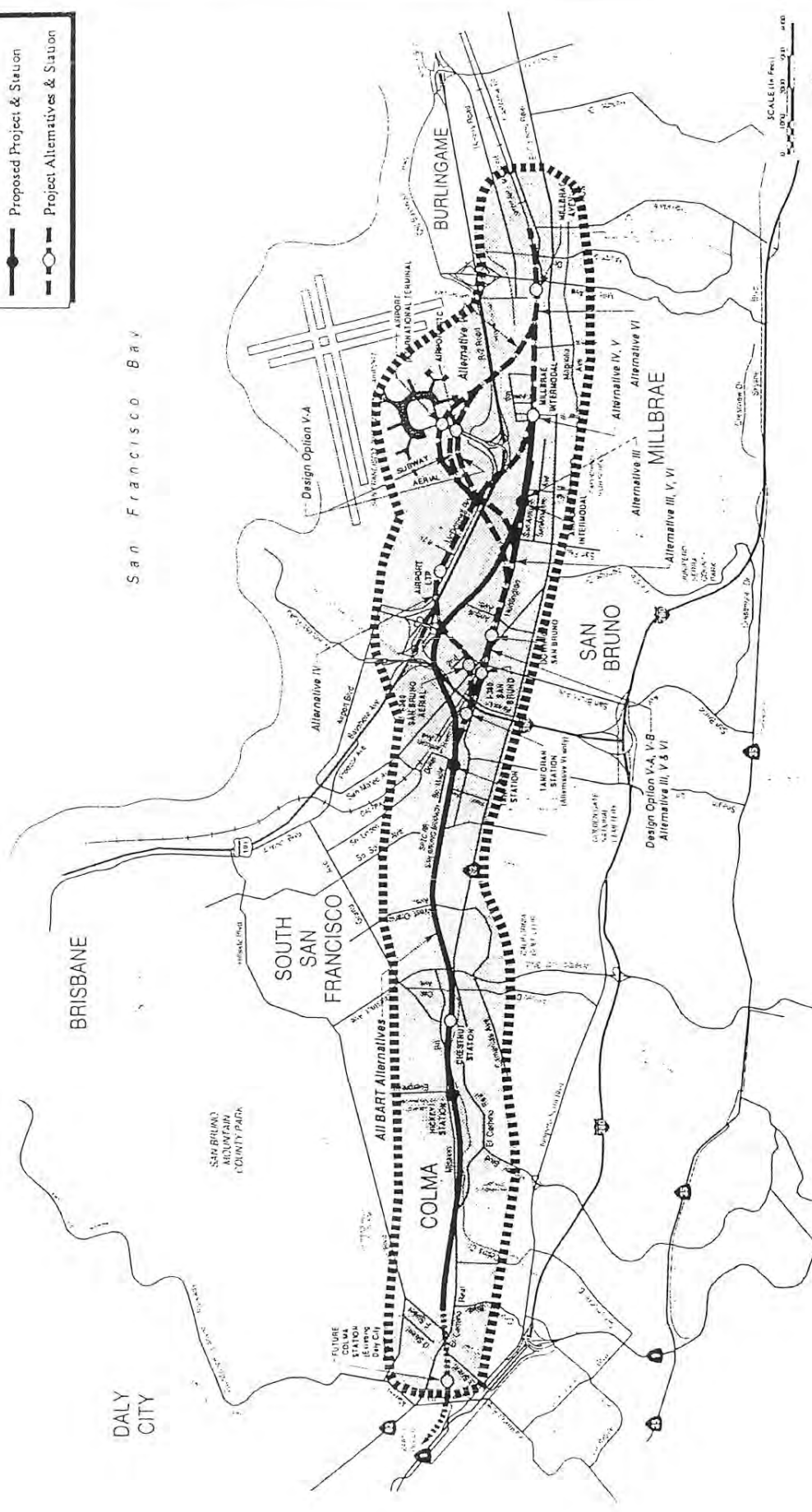


FIGURE 2

Project Corridor

OGDEN

2.2 ALTERNATIVE I – NO BUILD

Under the No Build Alternative, there would be no BART extension to the Airport and no changes are assumed in the study area except those projects that are already approved and funded.

2.3 ALTERNATIVE II – TRANSPORTATION SYSTEMS MANAGEMENT (TSM)

The TSM Alternative includes currently planned or funded major transportation improvements within the study area, including increased CalTrain service, an extension of San Francisco MUNI Metro to Fourth and Townsend Streets in San Francisco, the repair of earthquake-damaged freeway sections, and local circulation roadway improvements. The TSM also includes a CalTrain/Airport Light Rail Station west of U.S. 101.

2.4 ALTERNATIVE III – BART TO AIRPORT INTERMODAL STATION (BASE CASE)

The alternative follows the SPTCo San Bruno branch right-of-way between the future Colma BART Station tailtrack and an Airport Intermodal Station in San Bruno. The alignment would be built in open, retained cut structure from the Colma Station tailtrack to Mission Road, and then in a combination of at-grade and open retained cut to a below-grade Chestnut Station. South of the Chestnut Station, Alternative III would remain in retained cut to South Spruce Avenue. South of South Spruce Avenue, the alignment would rise to grade and proceed to the Tanforan Station. The alignment would continue south within the SPTCo right-of-way and begin to ascend so that it would be above ground in an aerial structure as it traverses downtown San Bruno. South of downtown, BART would descend to an at-grade Airport Intermodal Station located west of the Airport terminals and U.S. 101. An Airport Light Rail System, constructed and operated by the Airport, would connect the intermodal station with Airport terminals and employment sites. An at-grade tailtrack would extend about 3,000 feet beyond this terminus.

2.5 ALTERNATIVE IV – BART AERIAL EAST OF HIGHWAY 101 TO MILLBRAE

Under Alternative IV, BART would follow the proposed project alignment from the Colma tailtrack to north of Tanforan Avenue. Near I-380, the alignment would rise to an aerial structure and turn east into the San Bruno Avenue corridor. Under this alternative, the location of the San Bruno Station would be determined in cooperation with the City of San Bruno. The current proposal calls for an aerial station between I-380 and San Bruno Avenue, east of the SPTCo right-of-way. The BART aerial alignment would continue east, cross over U.S. 101, and then curve south to parallel the highway on Airport property. BART would parallel the I-380 on-ramp viaduct and proposed Airport Light Rail System. The alignment would continue south on an aerial structure to an airport station by the long-term parking area. South of this station, BART would cross U.S. 101 in subway and then rise to an at-grade Millbrae Intermodal Station at Center Street along the SPTCo right-of-way. An approximately 3,000-foot tailtrack would extend at-grade south of the Millbrae Station.

2.6 ALTERNATIVE V – MILLBRAE INTERMODAL (MINIMUM LENGTH SUBWAY IN DOWNTOWN SAN BRUNO)

This alternative is identical to the proposed project from the end of the Colma Station tailtrack to north of Tanforan Avenue. Under this alternative, too, the location of the San Bruno station

would be determined in cooperation with the City of San Bruno. In the vicinity of I-380, BART would descend to a subway through downtown San Bruno. South of Angus Avenue, BART would ascend to grade and proceed to a Millbrae Intermodal Station near Center Street. An approximately 3,000-foot tailtrack would extend at-grade south of the Millbrae Intermodal Station.

2.7 ALTERNATIVE VI – MILLBRAE AVENUE VIA THE AIRPORT INTERNATIONAL TERMINAL

Alternative VI follows the same alignment as the proposed project. between the Colma tailtrack and South Spruce Avenue. South of South Spruce Avenue, the alignment would stay below grade in open retained cut to the Tanforan Station. South of the Tanforan Station the alignment would be in a minimum length subway through downtown San Bruno from San Bruno Avenue to Angus Avenue. Then the BART alignment would turn east under Highway 101 in subway, then turn south to a subway Airport International Terminal Station. BART passengers would access the proposed International Terminal by elevators and escalators and other terminals by walking or transferring to the proposed Airport Light Rail System. South of the Airport International Terminal Station, BART would curve southwest under Highway 101 and then rise to an at-grade Millbrae Avenue BART/CalTrain Station. There would be an at-grade BART turnback and tailtrack which would extend south of Millbrae Avenue approximately 3,000 feet.

3. SOURCES CONSULTED

Prior to performing a field survey and performing subsurface testing, the author performed a records, literature and archival review at the regional repository for archaeological surveys, located at the California Archaeological Inventory Northwest Information Center (File No. 93-295). Reference material on file at the Bancroft Library and Map Room of the University of California, Berkeley was also consulted. This review indicated that a survey of the project corridor was conducted in 1991 which affirmed the presence of a known prehistoric site (discussed below), with an absence of surface cultural resources elsewhere in the project boundary. Portions within one mile of each of the proposed project alignments were also surveyed within the past 15 years, which documented the absence of cultural materials on surface areas (Surveys 3043, 3057, 3134, 3074, 10402, 12201 and 13543). The following sources were consulted:

- The National Register and annual updates (*Federal Register*, Vol. 44, No. 26, February 6, 1979)
- *California Inventory of Historical Resources* (State of California, 1976)
- *California Historical Landmarks* (State of California, 1982)

A number of Native American representatives were contacted (see Appendix B-1), and at the time of report publication, no responses had been received.

San Mateo County site 299 (SMA-299) was recorded in 1989 by Barbara Bocek of Stanford University during the San Francisquito Archaeological Project. She described the site as “a large shell midden with shell in patches of varying density, on [the] north and south banks of the creek... early residents describe it as a single huge midden site more than two kilometers in length.” The integrity of the site, or the state in which it was found, was recorded as “completely destroyed, not only by creek channelization, railroad tracks and other construction, but by systematic mining of the midden itself as ‘Colma Loam,’ sold as gardening soil in the 1930-

1950s.” Information regarding the site itself appears to be based primarily on an early letter written by William Wühr of San Francisco. Other records, if in existence, were not made available to the author by Stanford University at the time of this report.

4. BACKGROUND

4.1 ENVIRONMENT

The San Francisco Peninsula region encompasses the largest estuarine system in California. One of its principal features is the San Francisco Bay, which is located near the proposed project’s eastern boundary. Much of this bordering marshland has been reclaimed for urban purposes, after massive silting from the Gold Rush and landfill projects. The Peninsula’s bayfront was also altered drastically over the past 15,000 years, when the melting of continental glaciers caused a rise of sea level that shifted local beaches more than 25 kilometers east. The archaeological significance of these geologic events is at least three-fold: 1) the natural environment of the Bay underwent almost continuous change during the past 15,000 years; 2) prehistoric peoples’ adaptations to the estuarine environment evolved when marine waters began invading San Francisco Bay less than 8,000 years ago; and 3) villages and other sites on former shorelines are certain to be buried under marine sediments (Moratto, 1984).

The primeval Bay Area was rich in natural resources that were used abundantly by the prehistoric native populations. Rocks and minerals such as obsidian, cherts, cinnabar, and schist were excellent material for making tools, ornaments, trade goods, and weapons. The diverse habitats of the prehistoric San Francisco Bay Area, from saltmarsh to redwood forests, supplied a varied and abundant diet of game, fowl, fish, shellfish and vegetal foods to the early populations. In sum, the ample resources available in the Bay region permitted the growth of large populations that could both fulfill their domestic needs and provide valuable materials for trade.

The project corridor is located on former salt marshlands and sand dunes through which numerous seasonal and perennial drainages flowed. Colma Creek, at which site SMA-229 was situated, was a large perennial drainage whose current, modified channel runs in the project vicinity in South San Francisco. With marine resources located on the western margin of the project area and bay resources to the east, in addition to its favorable climate, the San Francisco Peninsula offered an excellent geographic location for human habitation.

Current land use is dominated by urban and suburban uses. Only a small portion of the project corridor’s ground surface is visible, and even this has been subject to disturbance from agriculture, construction, and industry. For more complete information regarding the history of the project vicinity, the Historic Property Survey Report (HPSR) and Historic Resources Evaluation Report (HRER), prepared under separate cover for the BART–San Francisco Airport Extension, should be consulted.

4.2 ETHNOGRAPHY

Early inhabitants of the study area were bound neither ethnically nor politically. The aboriginal groups of the southern San Francisco Bay region were assigned the name “Costanoan” (derived from the Spanish *Costaños*, or “people of the coast”) at Euro-American contact. The study area lies in the vicinity of two former *Ramaytush*-speaking, or San Francisco Costanoan tribelets that were documented at historic contact: *puyson* (Arroyo de San Francisco) and *lamsin* (Las Pulgas).

The population of the Costanoans at the time of European contact has been estimated between 7,000 and over 10,000 (Kroeber, 1924; Levy, 1978; Moratto, 1984). These individuals lived within tribelets, or villages and smaller settlements that were linked socially and located within a territory bounded by other ethnic groups. The political structure of each tribelet included a chief and a council of elders who were responsible for making group decisions (Harrington, 1933). The Costanoans built their villages primarily at confluences of two water bodies or in ecological transition zones, where the abundance of biotic resources is greatest. These people subsisted on a multitude of native vegetation species such as berries, plants, bulbs, seeds, and nuts (primarily the acorn). In addition, the Peninsula's early inhabitants hunted large mammals such as deer and elk, and fished from a large variety of freshwater and marine fish and shellfish.

By the early 19th century, disease and the destructive impact of the mission system reduced the Costanoan population to a small number of manual laborers who were forced by the Mexican government to live first in missions, and later in ranchos. Currently, approximately 200 persons of partial Costanoan descent reside in northern and central California (Levy, 1978).

Although information regarding the Costanoans is far from complete, early accounts were written by explorers, missionaries, and anthropologists. Primary ethnographic information may be found in the following:

- Harrington, John P. 1942. Culture Element Distributions. XIX: Central California Coast. University of California Anthropological Records 7(1):1-46. Berkeley.
- Heizer, R.F. 1978. Handbook of North American Indians. Volume 8: California. Washington, D.C.: Smithsonian Institution.
- Heizer, R.F. and M.A. Whipple. 1951. The California Indians: A Source Book. Berkeley: University of California Press.
- Kroeber, A.L. 1925. Handbook of the Indians of California. Bureau of American Ethnology Bulletin 78. Government Printing Office. Washington D.C.

4.3 ARCHAEOLOGY

For the University of California at Berkeley, N.C. Nelson led the first survey of archaeological sites in the San Francisco Bay region between 1906 and 1908, documenting 425 shell mounds (Moratto, 1984). These shell mounds typify Bay Area archaeology and reflect its economic unity, which relied greatly on marine resources. More recently, cultural materials discovered at the [REDACTED] (SMA-77) in San Mateo County indicate that the San Francisco Peninsula region was inhabited between circa 3,500 and 2,500 B.C. Excavation and analysis of this site, which consisted of 35 burials with over 3,000 artifacts, showed that the complex is earlier than "Middle Horizon," yet unlike "Early Horizon" deposits, which led excavators to believe that a pre-Costanoan (perhaps Essalen) or Early Bay Culture once existed. Two central California traditions (or cultures) probably existed between 1,500 and 1,000 B.C., as evident in regional differences in technology, artifact style, burial practices, and economic activities. This Early Bay Culture has been substantiated by the discoveries of early human remains in San Francisco, on Stanford lands, and in Sunnyvale (Moratto, 1984).

Numerous later sites have been excavated during the 20th Century that have revealed more "ecofacts" (such as dietary refuse) than artifacts. One exception to these sites, however, is the [REDACTED] (SMA-125), approximately 10 kilometers from the bayshore. This village complex yielded over 4,500 grave offerings associated with 19 burials, dating from

around 900 to 1,500 A.D. Additional information on local archaeology, including references, may be found in California Archaeology by Michael Moratto (1984).

A review of survey and site records located at the California Archaeological Inventory, Northwest Information Center, indicated that 11 archaeological reconnaissance surveys have been performed in the vicinity of the project corridor (see References). Because the ground surface in the area has been almost completely modified by urban development, no new sites have been located or recorded as a result of these recent surveys.

4.4 HISTORY

Within the study area, the earlier hunting and gathering lifeway of the Costanoan and other group(s) were replaced by a historic agricultural land-use pattern associated with the Hispanic and American periods. Spanish explorers traversed the San Francisco Peninsula in the 1760s and 1770s, and eventually founded Mission San Francisco de Asis (also known as Mission San Francisco Dolores) in 1776. The mission was established to christianize the natives, and provided for both religious needs and economic development through the Mexican Period and until the American Period.

During the Mexican Period (between 1822 and 1846), individuals were granted large tracts of land, or ranchos. Eighteen of these were granted from mission lands on the Peninsula (Hynding, 1982). By the time of the American Period (mid-19th Century), most of the rancho lands had been subdivided as a result of population growth and the American take-over. The Gold Rush caused the initial influx of people starting in 1848, and was followed by the construction of the transcontinental railroad in 1869. Later, European immigration and the development of a successful dairy industry added to the population growth and dominated San Mateo County's land-use pattern until World War II. Further historical information is provided under separate cover in the HPSR and HRER for the BART-San Francisco Airport Extension Project.

5. FIELD METHODS

5.1 FIELD SURVEY

On September 9, 1993, Carolyn Rice, M.A. and Robyn Talman, M.A. conducted the initial archaeological reconnaissance to identify possible existing historic or prehistoric cultural materials in an unsurveyed portion of the project area. The walk-over was conducted by using a straight-line pattern at 10-meter intervals to ensure full coverage of the unsurveyed portion of project corridor, a minimally developed wetland area with little to no ground surface visibility. The Area of Potential Effect (APE) is the same as the surveyed area that is not already disturbed. The initial surveyed area is approximately one kilometer long and one-half kilometer wide, and is located between the SPTCo corridor adjacent to San Felipe Avenue to the west and U.S. 101 to the east (see Figure 3). On Friday, May 13, 1994, Carolyn Rice performed a supplemental foot reconnaissance survey of the expanded APE, a small area approximately .5 kilometers long and .3 kilometers wide (see Figure 3a). The supplemental survey area is located approximately .8 miles northeast of the intersection of El Camino Real and Millbrae Avenue in the City of Millbrae. The same methods were used as those of the initial survey; ground visibility was poor, approximately 8 percent. Ground disturbance in this area is almost complete, due to residences, the railroad corridor, the PG&E substation, and tennis courts. An archaeological survey is defined as follows:

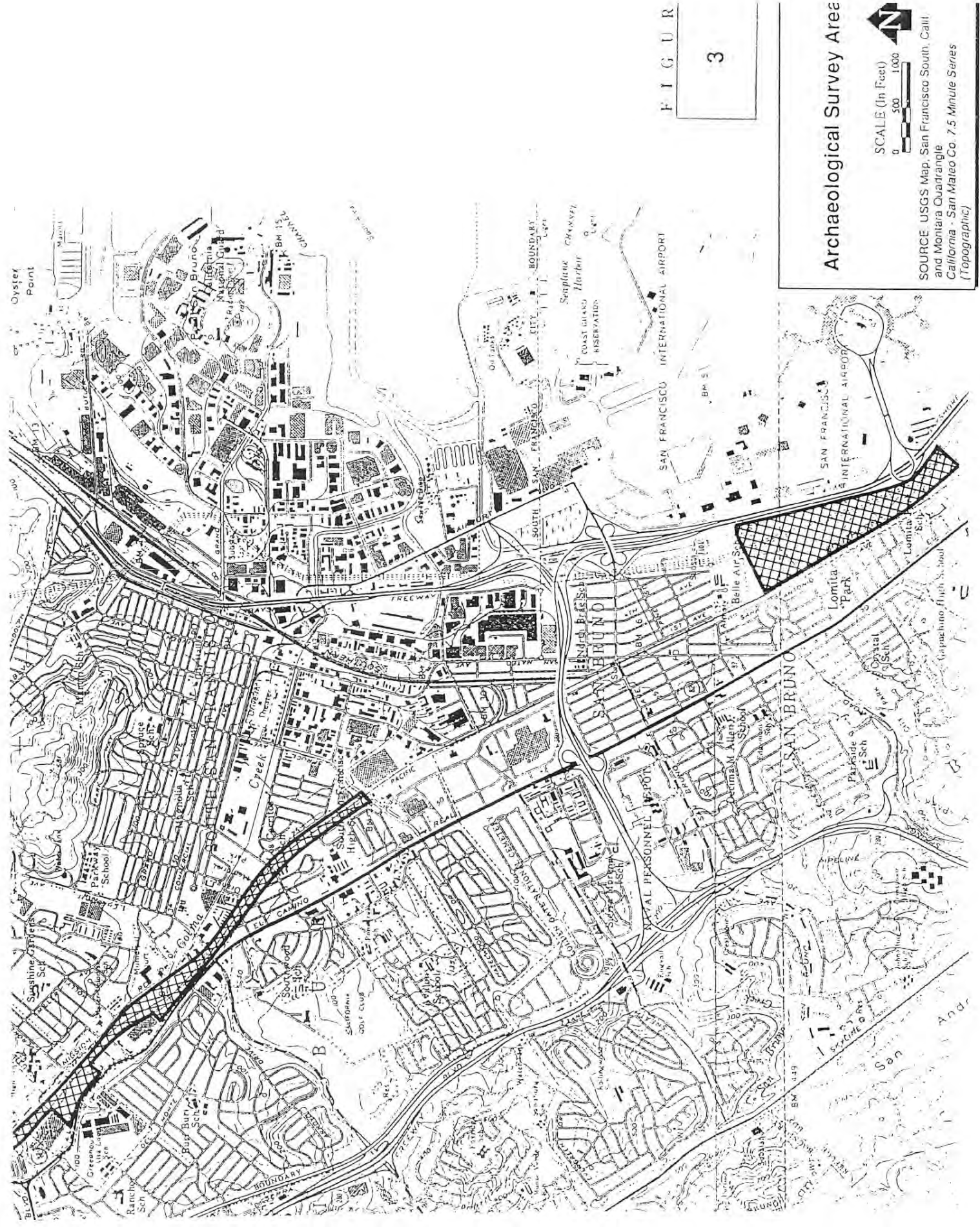
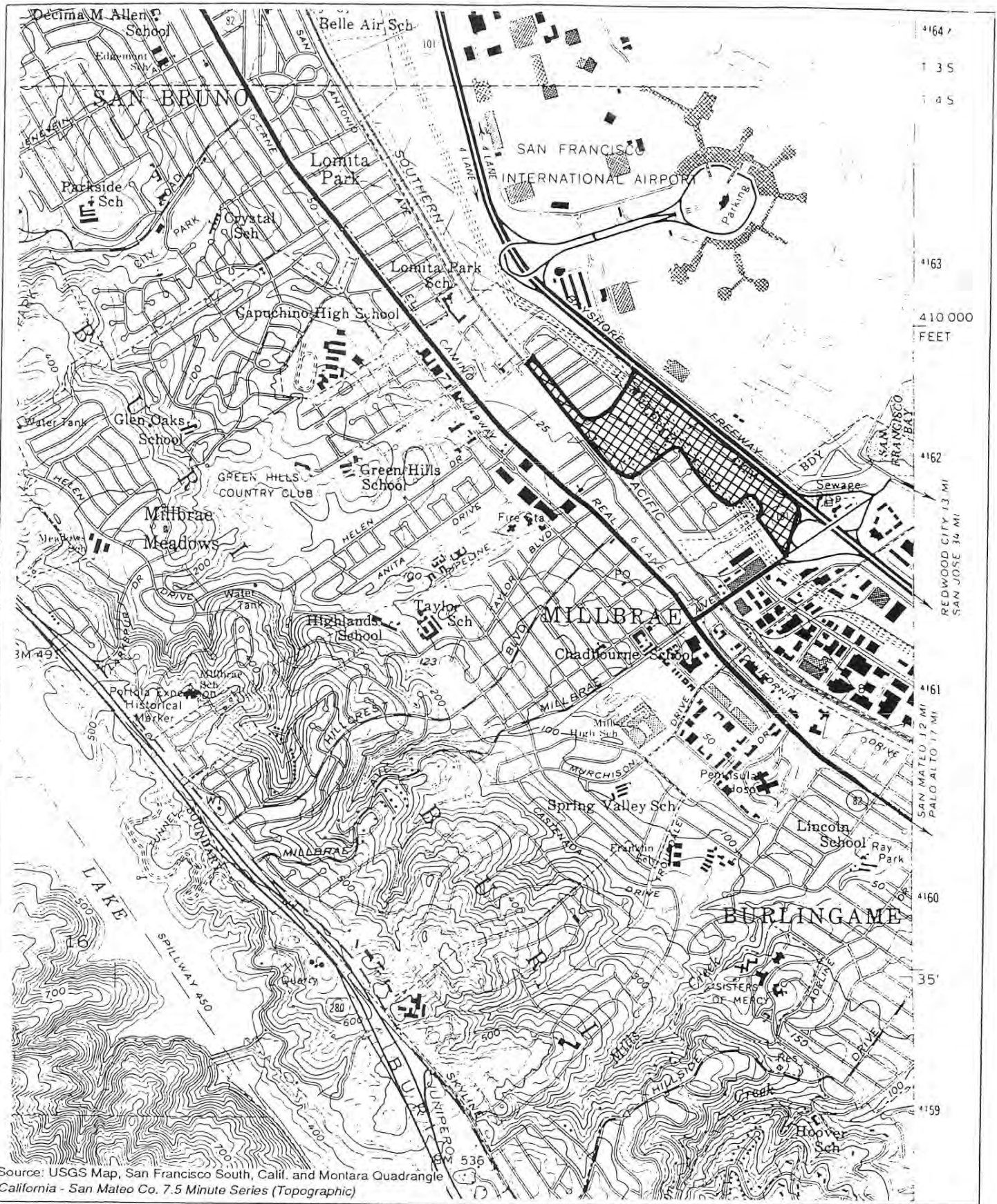


FIGURE
3

Archaeological Survey Area

SCALE (In Feet)
0 500 1000

SOURCE USGS Map, San Francisco South, Calif and Monterey Quadrangle California - San Mateo Co. 7.5 Minute Series (Topographic)



Inspection of all land surfaces that can reasonably be expected to contain visible archaeological resources. Every portion of the project area whose surface can be seen without major modification of vegetation, and where it is reasonably possible that human activities that would leave traces might be carried out, is inspected in a general surface reconnaissance. Every foot of ground is not necessarily covered. A general surface reconnaissance is the functional equivalent of a complete reconnaissance (investigation of every visible portion of the project area) in areas where soil, vegetation, or other conditions make it highly likely that some kinds of archaeological phenomena would be preserved, or where conditions obscure such phenomena to a point at which they could not be observed without undertaking large scale brush clearing, grading, etc. (King, et al., 1973; Edwards, 1979).

United States Geological Survey (USGS) maps and black and white copies of aerial photographs were carried into the field for periodic consultation. Mason's trowels were used to clear brush where soils supported plant species indicative of archaeological soils (such as California poppy and blackberry). In the wetland area, Common Cattail (*Typha sp.*) and numerous other species of native plants were located. Indications from historic maps and the presence of minimally disturbed native vegetation in the vicinity suggest that undisturbed prehistoric material may be present beneath the ground surface.

5.2 ARCHAEOLOGICAL TESTING

The testing phase of the prehistoric studies for the proposed BART–San Francisco International Airport Extension was limited to shovel test pits and auger holes to determine the presence or absence of cultural material at the one previously known prehistoric site, SMA-299. The analysis of material recovered from 20 auger holes approximately 15 meters apart, approximately .3 meter in diameter and ranging from 15 centimeters to 1 meter in depth, revealed the absence of archaeological soils throughout the site vicinity (see Table 1 and Confidential Appendix B). The auger holes were placed on a 1.5 kilometer alignment on the west side of the SPTCo tracks in the site area recorded in 1989 (see Confidential Appendix A). The soil from each unit was examined for cultural material: midden soil (formed by food refuse), shell, or artifactual constituents such as obsidian or flaked chert. A small amount of soil from the bottom of each unit was tested for its pH balance, which is also an indicator of midden soil. As discussed below, no cultural material was found during this preliminary testing phase. Controlled excavation units, therefore, were not performed.

6. FINDINGS AND CONCLUSIONS

As stated in Section 5.1, San Mateo County site 299 was recorded previously in the proposed BART alignment in South San Francisco. The site record, completed in 1989, states that the site has been "completely destroyed" (see Confidential Appendix A). Destructive factors stated in the site record include soil mining of the midden in the 1930s to 1950s, the channelization of Colma Creek, and the construction of the SPTCo rail line. Broken rock — often a remnant of prehistoric habitation — was located in abundance on the surface, but never associated with anthropic soil, or in a cultural context. During the field survey, it appeared that large equipment was used recently to scrape and pile surface dirt and fill. In addition, construction of the large parking garage for Kaiser Hospital, located directly west of the former site, and landscaping appear to have contributed to completely erasing all traces of the former site.

Table 1 redacted due to confidential information

A large potential exists for subsurface prehistoric material to be uncovered at site SMA-299 during project excavation and construction. Because the area of development, grading, and ground disturbance for the Locally Preferred Alternative (LPA) and each of the alternatives includes the area of SMA-299, the potential impacts to this site would be the same for each.

- The author's field reconnaissance survey and testing program could only establish the absence of surface remains; this type of investigation and testing cannot completely determine whether buried deposits are present. Trenching associated with the development may disturb these resources. The use of a monitoring archaeologist during project construction would ensure the identification of significant resources and the protection of these potential resources from negative impacts and damaging effects. If subsurface prehistoric material is uncovered, then the procedures of the State Historic Preservation Officer (SHPO) should be followed, which call for the materials to be conserved, catalogued, analyzed, evaluated, and curated, prior to construction activities.
- The proposed area of impact for this project does not include any known structures or sites significant to ethnic or religious values. Impacts to ethnic or religious values, therefore, are not expected from the alternatives being considered for the proposed BART-San Francisco Airport Extension.

7. REFERENCES

- Advisory Council on Historic Preservation. Guidelines for Making "Adverse Effect" and "No Adverse Effect" Determinations for Archeological Resources in Accordance with 36 CFR Part 800. Washington, D.C. 1976.
- Advisory Council on Historic Preservation. 36 CFR Part 800: Protection of Historic Properties Regulations of the Advisory Council on Historic Preservation Governing the Section 106 Review Process. Washington, D.C. 1986.
- Advisory Council on Historic Preservation. Section 106, Step-by-Step. Washington, D.C. 1986.
- Archaeology Consulting and Research Services, Inc. Report of an Archaeological Reconnaissance of the City of Millbrae's Madrone Street Sewage Lift Station and Interceptor Sewer Project, Santa Cruz. November 1978.
- Baker, Suzanne. Archaeological Reconnaissance for the Proposed San Andreas Pipeline No. 3, San Mateo County, San Francisco. April 1979.
- Basin Research Associates, Inc. A Cultural Resources Assessment for the San Francisco Resource Supply Stud. Daly City to City of San Mateo, San Mateo County, California, San Leandro. November, 1988.
- Beck, W.A. and Y.D. Haase. Historical Atlas of California. University of Oklahoma Press, Norman. 1974.
- BioSystems, Inc. Technical Report of Cultural Resources Studies for the Proposed WTG-West, Inc. Los Angeles to San Francisco and Sacramento, California Fiber Optics Cable Project, Santa Cruz. October 1989.

- Bocek, Barbara. Prehistoric Settlement Pattern and Social Organization on the San Francisco Peninsula, California. In *Between Bands and States*. Susan A Gregg, Ed. Center for Archaeological Investigations, Occasional Paper No. 9, Southern Illinois University. 1991.
- California Department of Parks and Recreation. Office of Historic Preservation, California Inventory of Historic Resources. The Resources Agency, Sacramento. 1976.
- California Department of Parks and Recreation. Office of Historic Preservation, California Historical Landmarks. The Resources Agency, Sacramento. 1982.
- Chavez, David. Cultural Resources Evaluation of the Colma Wastewater Collection System, Town of Colma, San Mateo County, California, Mill Valley. November 1977.
- Chavez, David. Cultural Resources Evaluation for the San Francisco International Airport Master Plan EIR, San Mateo County, California, Mill Valley. 1990.
- Chavez, David. Cultural Resources Investigations for the BART-San Francisco Airport Extension Alternatives Analysis, EIS/EIR, Mill Valley. December 1991.
- Clark, Matthew. Initial Archaeological Evaluation of Proposed Park Additions and a Portion of the Colma Creek Channel for the Orange Memorial Park Master Plan EIR, South San Francisco, California. Martin Carpenter Associates, El Granada. March 1992.
- Davis, James T. Trade Routes and Economic Exchange Among the Indians of California. UC Archaeology Survey Reports 54, Berkeley. 1961.
- Edwards, Robert. Recommendations for Archaeological Impact Evaluations: Procedures and Guidelines for Archaeological Consultant Qualifications - Prepared for Santa Clara County California Archaeological Site Inventory, Cabrillo College, Aptos. 1979.
- Elsasser, A.B. Development of Regional Prehistoric Cultures. In *California*, edited by R.F. Heizer, Volume 8, Handbook of North American Indians, pp. 37-57. Smithsonian Institution, Washington, D.C. 1978.
- Hamilton, J. Indian shell mounds of San Mateo Creek and vicinity. Manuscript, San Mateo: Museum of San Mateo Historical Association. 1936.
- Harrington, John P. Report of Fieldwork on Indians of Monterey and San Benito Counties. Washington, D.C.: Smithsonian Institution, Bureau of American Ethnology Annual Report for 1931-1932. 1933.
- Harrington, John P. Culture Element Distributions. XIX: Central California Coast, University of California Anthropological Records 7(1):1-46, Berkeley. 1942.
- Heizer, R.F. The Direct Historical Approach in Central California Archaeology. *American Antiquity*, 7:98-122. 1941.
- Heizer, R.F. The Archaeology of Central California: I, The Early Horizon. UC-AR, Vol. 12, No. 1. 1949.
- Heizer, R.F. and M.A. Whipple. *The California Indians: A Source Book*. Berkeley: University of California Press. 1951.

- Heizer, R.F. Handbook of North American Indians, Vol. 8, Washington: Smithsonian Institution 1978.
- Hynding, Alan. From Frontier to Suburb: The Story of the San Mateo Peninsula. Star Publishing Co. Belmont. 1982.
- King, R.F., M.M. Moratto, and N.N. Leonard III. Recommended Procedures for Archaeological Impact Evaluation. Society for California Archaeology Publication. 1973.
- Kroeber, A.L. Indian Myths of South Central California. University of California Publications in American Archaeology and Ethnology 4(3):65-166, Berkeley. 1907.
- Levy, R. Costanoan. In California, edited by R.F. Heizer. Handbook of North American Indians, Volume 8. Smithsonian Institute, Washington D.C. 1976.
- Margolin, Malcolm. The Ohlone Way: Indian Life in the San Francisco - Monterey Bay Area. Heyday Books, Berkeley. 1978.
- Moratto, Michael J. Contributions to the Archaeology of San Mateo County. Treganza Anthropology Museum Papers, San Francisco State College: Volume 1. 1971.
- Moratto, Michael J. California Archaeology. Orlando: Academic Press, Inc. 1984.
- Nelson, N.C. Shellmounds of the San Francisco Bay Region. UC-PAAE, Vol. 7, No. 4. 1909.
- Nichols, Donald R. and Nancy A. Wright. Text and References Accompanying Preliminary Map of the Historic Margins of Marshland, San Francisco Bay, California. United States Department of the Interior, Geologic Survey. 1971.
- Oliphant, Robert L. The Archaeology of 4-SMa-101. In Contributions to the Archaeology of San Mateo County, Treganza Anthropology Museum Papers, No. 8. J. Moratto, Ed., San Francisco. 1971.
- Parsons, Brinckerhoff Quade & Douglas, Inc. and Associated Consultants. BART-San Francisco Airport Extension Alternatives Analysis/Draft EIS/EIR Social and Physical Impacts and Mitigation Report, San Francisco. September, 1991.
- Parsons, Brinckerhoff, Quade & Douglas, Inc. and Associated Consultants. BART-San Francisco Airport Extension Alternatives Analysis/Draft EIS/EIR. Chapter 3 Affected Environment, San Francisco. September 1991.
- San Mateo County. Official Maps of San Mateo County. 1868, 1877, 1888, 1890, 1902, 1927, 1950, 1960.
- Stanger, Frank M. South from San Francisco. San Mateo County Historical Association. 1963.
- Thomas Bros. The Thomas Guide: Santa Clara and San Mateo Counties Street Guide and Directory. Thomas Bros. Maps, San Francisco. 1987.
- United States Department of the Interior. Federal Register: National Register of Historic Places 44 (26, Book 2). 1979-1986, 1988.

United States Geological Survey (USGS). Montara Mountain, Calif. (Quadrangle). Topographic map, Scale 1:24,000/7.5 minute series, Menlo Park. 1956, photorevised 1980.

United States Geological Survey (USGS). San Francisco South, Calif. (Quadrangle). Topographic map, Scale 1:24,000/7.5 minute series, Menlo Park. 1956, photorevised 1980.

Van Dyke, Stanley. The Archaeology of Site 4-SMa-101. In Contributions to the Archaeology of San Mateo County, Treganza Anthropology Museum Papers, No. 8. J. Moratto, Ed. 1971.

Young, Daniel. Archaeological Survey Report for Widening Project. Department of Transportation. February 1976.

Appendix A
Record Search Receipt

California
Archaeological
Inventory



COLUSA
CONTRA COSTA
DEL NORTE
HUMBOLDT
LAKE

MAHIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO

SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Department of Anthropology
Foundation Center, Bldg. 300
Sonoma State University
Rohnert Park, California 94928
(707) 664-2494 • Fax (707) 664-3947

AGREEMENT OF CONFIDENTIALITY

FILE NO.: 93-X-48

I, the undersigned, have been granted access to archaeological data on file at the Northwest Information Center of the California Archaeological Inventory. I understand the confidential nature of this information and will not disclose specific site locations to unauthorized individuals or in publicly distributed documents without written consent of the State Historic Preservation Office.

I agree to submit completed site records and preliminary reports pertinent to this project to this Information Center no later than 30 days after completion of field investigation. Subsequent reports will also be forwarded.

I understand that failure to comply with the above agreement is grounds for denial of access to the archaeological data at the Northwest Information Center.

*** PLEASE SIGN AND RETURN THIS FORM. SEE ATTACHED INVOICE. ***

Name: Richard Carrico Signature _____ Date _____

Affiliation: Ogden Environmental Telephone _____

Address: 5510 Morehouse Drive, San Diego, CA 92121

Purpose of research: XX planning _____ scientific/academic _____ other _____

PROJECT: site record and report xeroxing for the Daly City Bart Extension.

COUNTY: San Mateo

MAP: n/a

COMMENTS: Enclosed are copies of the site record for CA-SMA-299 and S-3155 (Chavez 1980). The bibliographic printout is of reports written by Chavez that are located on the San Francisco South 7.5' quad.

-----STAFF USE ONLY-----

Request Received
Telephone 8 July 1993
Fax _____
In person _____
Mail _____

Response
Telephone _____
Fax _____
Mail 12 July 1993

Fees		
Staff processing:	_____ hour(s) @ \$90/hr.	\$ _____
In person research:	_____ day(s) @ \$90/day	\$ _____
Xerox:	<u>14</u> page(s) @ \$.10/pg.	\$ <u>1.40</u>
	<u>0.25</u> hour(s) @ \$15/hr.	\$ <u>3.75</u>
Bibliography:		
staff/computer time:	_____ hour(s) @ \$30/hr.	\$ _____
Telephone surcharge \$10:		\$ _____
Topographic map surcharge,		
_____ add'l map(s) reviewed @ \$10 each:		\$ _____
Rapid Response surcharge:		\$ _____
Fax @ \$2 first page, \$1 thereafter:		\$ _____
Other:		\$ _____

Lisa C. Hagel
Information Center Staff

PLEASE ACCEPT THIS FORM AS AN INVOICE TOTAL: \$ 5.15
FOR \$5.15. MAKE YOUR CHECK PAYABLE TO THE SSUAF ++++++
AND REFERENCE THE ABOVE FILE NUMBER ON THE CHECK.
THANK YOU

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 3, 1993

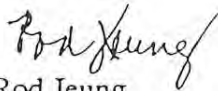
California Archaeological Inventory
Northwest Information Center
Foundation Building 300
Sonoma State University
1801 E. Cotati
Rohnert Park, CA 94928

To Whom it may Concern:

Ogden Environmental and Energy Services (Ogden Environmental) is currently preparing a Recirculated Environmental Impact Report for the BART - SF Airport project. We are hereby requesting a record search for the areas within a one-mile radius on each side of the two proposed project alignments (depicted on the enclosed map). Ogden authorizes the Northwest Information Center to devote up to four hours @ \$90 per hour for this task. Our project referral number is 3-1098-2001-0002.

Thank you, in advance.

Sincerely,



Rod Jeung
Project Manager

RJ/cr

Enclosure



Appendix B

Agency Correspondence



ENVIRONMENTAL AND ENERGY SERVICES

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 27, 1993

Debbie Treadway
Native American Heritage Commission
915 Capitol Mall
Room 364
Sacramento, CA 95814

Re: BART San Francisco International Airport Recirculated Draft
EIR/Supplemental Draft EIS Project

Dear Ms. Treadway:

Ogden Environmental and Energy Services Company, Inc. (abbreviated Ogden Environmental), in conjunction with Archaeological and Historic Consultants (AHC), Oakland, is currently preparing a recirculated Environmental Impact Report for the referenced project in both San Francisco and San Mateo counties. The project involves numerous historic resources that will be evaluated for their potential National Register eligibility. One prehistoric site (shell midden SMA-299) will be tested archaeologically for its potential eligibility to the Register. Diagrams of the alternatives proposed for the BART extension are provided with this letter.

We respectfully request any information and input that you may have regarding both Native American and historic concerns, either directly or indirectly associated with this project area. We would also be interested in knowing whether or not there are individuals in the area who should be contacted prior to the continuation of this project. If you have information, concerns, or other input, please submit them in writing, so that they may be incorporated in the final report.

We appreciate your assistance in this matter. If you have any questions or require any further information regarding this project, please contact me at 510/843-5709.

Sincerely,

Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosures





ENVIRONMENTAL AND ENERGY SERVICES

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 27, 1993

Hans Kreutzberg
State Historic Preservation Office
1416 9th St.
Sacramento, CA 95814

Re: BART San Francisco International Airport Recirculated Draft EIR/Supplemental Draft
EIS Project

Dear Mr. Kreutzberg:

Ogden Environmental and Energy Services Company, Inc. (abbreviated Ogden Environmental), in conjunction with Archaeological and Historic Consultants (AHC), Oakland, is ready to proceed with the field investigations for the referenced project. The project involves numerous historic resources that will be evaluated for their potential National Register eligibility. One prehistoric site (shell midden SMA-299) will be tested archaeologically for its potential eligibility to the Register. Diagrams of the alternatives proposed for the BART extension are provided with this letter, along with a copy of correspondence with representatives of the Native American Heritage Commission.

Personnel who will provide cultural resources reports are listed with their phone numbers as follows:

- Laurence Shoup, History (510/654-8635)
- Mark Brack, Historical Architecture (510/644-8194)
- Carolyn Rice, Prehistory (510/843-5709)

We are eager to begin coordination with you in setting the APE and in meeting SHPO requirements and, therefore, will call you soon.

Sincerely,

Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosures



221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

SAMPLE OF LETTER SENT TO NATIVE AMERICAN REPRESENTATIVES

August 16, 1993

Andrew Galvan
P.O. Box 3152
Mission San Jose, CA 94539

Re: BART San Francisco International Airport Extension Project

Dear Mr. Galvan:

Ogden Environmental and Energy Company, Inc., is currently preparing a recirculated Environmental Impact Report for the referenced project in both San Francisco and San Mateo counties. The project includes a corridor that is under potential impact from the proposed train route extension to San Francisco International Airport. The area under study is depicted on the enclosed map.

We respectfully request any information and input that you may have regarding both Native American and historic concerns, either directly or indirectly associated with this project area. We would also be interested in knowing whether or not there are individuals in the area who should be contacted prior to the continuation of this project. If you have information, concerns or other input, please submit them in writing, so that they may be incorporated in the final report.

We appreciate your assistance in this matter. If you have any questions or require any further information regarding this project, please contact me at the address listed above.

Sincerely,



Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosure

<u>Name address telephone</u>	<u>Tribal affiliation</u>
Amah Tribal Band Chairperson: Irene Zwierlein 789 Canada Road Woodside, CA 94062 (415) 851-7747	Ohlone
Esselen Nation Chairperson: Loretta Escobar-Wyer P.O. Box 464 Palo Alto, CA 94302 (408) 924-1572 Office (415) 390-9919	Ohlone/Esselen
Andrew Galvan P.O. Box 3152 Mission San Jose, CA 94539 (510) 656-0777 (510) 656-2364 Message	Ohlone
Frances Garcia 425 Queen Street, #33 King City, CA 93930-3719 (408) 385-5591	Ohlone/Salinan
Indian Canyon Mutsun Band of Costanoan People Chairperson: Ann Marie Sayers P.O. Box 28 Hollister, CA 95024-0028 (408) 637-4238	Ohlone
Jakki Kehl 1675 North Corral Hollow Rd. Tracy, CA 95376 (209) 832-7403	Ohlone
Kenneth Marquis 4659 Bolero Drive San Jose, CA 95111 (408) 226-3357	Ohlone

NATIVE AMERICAN REPRESENTATIVES CONTACTED BY LETTER
(SEE SAMPLE LETTER TO ANDREW GALVIN PRECEDING THIS LIST)

<u>Name address telephone</u>	<u>Tribal affiliation</u>
Jenny Mousseaux (McLeod) P.O. Box 610546 San Jose, CA 95161 (408) 249-6049	Salinan/Chumash/Ohlone
Muwekma Indian Tribe Chairperson: Rosemary Cambra 1845 The Alameda San Jose, CA 95126 (408) 293-9956	Ohlone
Patrick Orozco 110 Dick Phelps Road Watsonville, CA 95076 (408) 728-8471	Ohlone
Alex Ramirez 4910 Alum Rock Ave San Jose, CA 95127 (408) 923-0204	Ohlone
Ella Mae Rodriquez 1188 Phoenix Ave, House B Seaside, CA 93955 (408) 394-8176	Ohlone
Linda Yamane 1385 Harding Street Seaside, CA 93955 (408) 394-5915	Ohlone

NATIVE AMERICAN REPRESENTATIVES CONTACTED BY LETTER
(SEE SAMPLE LETTER TO ANDREW GALVIN PRECEDING THIS LIST)

Confidential Appendix A
Archaeological Site Record

Confidential Appendix B
Archaeological
Testing Locations

BART-San Francisco Airport Extension Project
Draft Environmental Impact Report /
Supplemental Draft Environmental Impact Statement

Archaeological Resources Technical Report

June 1994
(Revised December 1994)

Table of Contents

1. MANAGEMENT SUMMARY	1
------------------------------	----------

2. PROJECT DESCRIPTION	1
2.1 Proposed Project - Locally Preferred Alternative (LPA)	1
2.2 Alternative I – No Build	4
2.3 Alternative II – Transportation Systems Management (TSM)	4
2.4 Alternative III – BART to Airport Intermodal Station (Base Case)	4
2.5 Alternative IV – BART Aerial East of Highway 101 to Millbrae	4
2.6 Alternative V – Millbrae Intermodal (Minimum Length Subway in Downtown San Bruno)	4
2.7 Alternative VI – Millbrae Avenue via the Airport International Terminal	5

3. PREHISTORIC SETTING AND RESOURCES	5
3.1 Natural Setting	5
3.2 Cultural Setting	5

4. METHODS	6
4.1 Research	6
4.2 Field Survey	7
4.3 Archaeological Testing	10

5. REPORT OF FINDINGS	10
------------------------------	-----------

Table of Contents (cont.)

6. MANAGEMENT CONSIDERATIONS	10
------------------------------	----

7. REFERENCES	14
---------------	----

List of Figures

1	Regional Location	2
2	Project Corridor	3
3	Archaeological Survey Area	8
3a	Archaeological Survey Area	9

List of Tables

1	Results of Archaeological Testing at Site SMA-299	11
---	---	----

List of Appendices

A	Personnel Qualifications	A-1
B	Record Search Receipt	B-1
C	Agency Correspondence	C-1

List of Confidential Appendices

A	Archaeological Site Record
B	Archaeological Testing Locations

1. MANAGEMENT SUMMARY

From August to October, 1993, a literature search, field survey, and archaeological testing were performed for a Draft Environmental Impact Report (EIR) and Supplemental Draft Environmental Impact Study (SDEIS) for the BART–San Francisco International Airport Extension. The field reconnaissance was performed only in areas not previously surveyed for the initial cultural resources studies completed in 1991 (see Chavez, 1991). An augering program was performed on the one previously recorded prehistoric site on the alignment (SMA-299), in which no archaeological soils were uncovered. The lack of surface integrity for SMA-299 precludes it, thus far, from significance, pursuant to the *National Register of Historic Places* (36 CFR Section 60.4) and the *California Environmental Quality Act* (Appendix K, Section III. A. 2. D). Because there remains a potential for subsurface cultural deposits, monitoring in archaeologically sensitive areas during construction is recommended. A copy of the following report is available on file at the Northwest Archaeological Information Center at Sonoma State University, and field notes for this undertaking have been retained by the author.

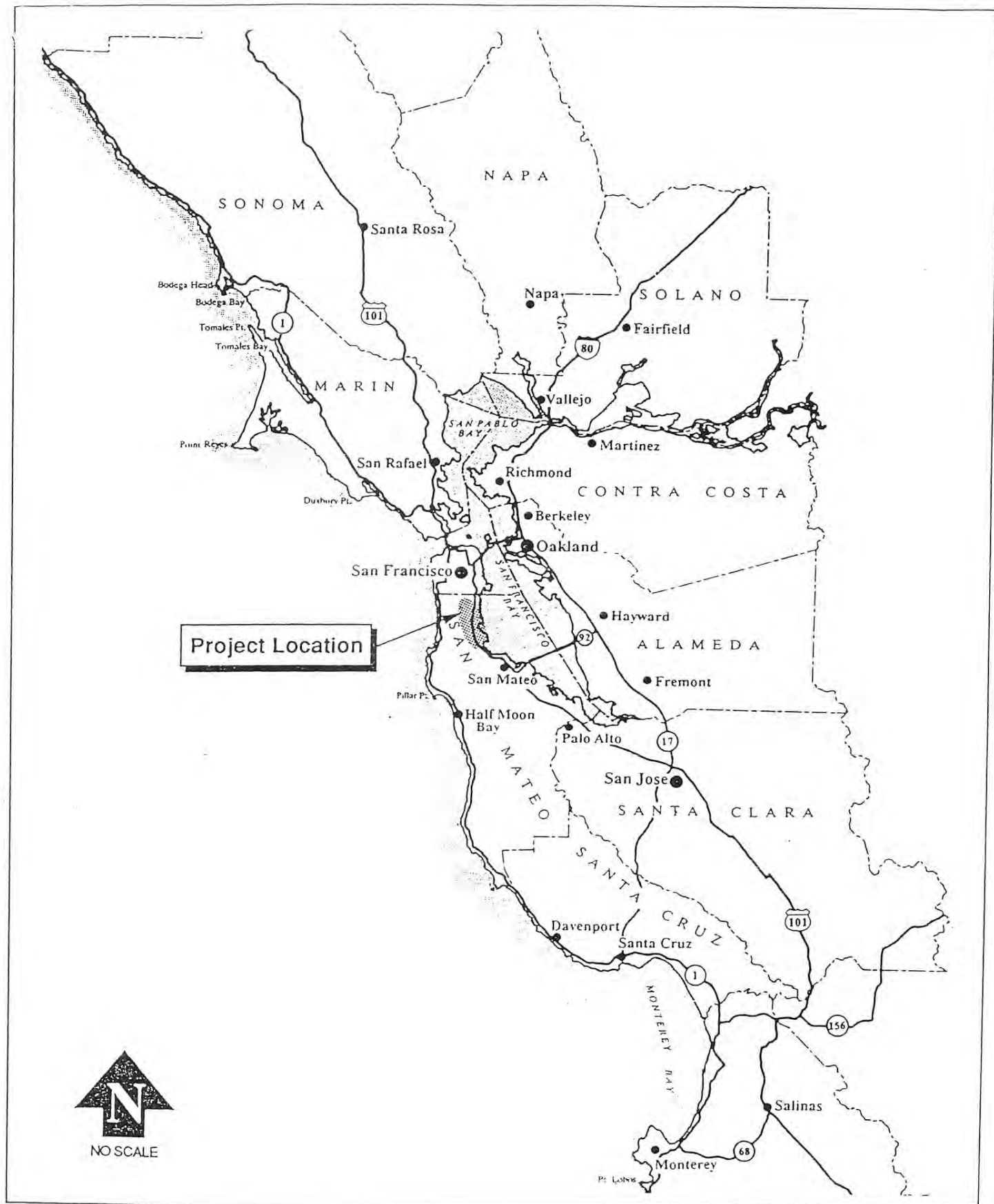
2. PROJECT DESCRIPTION

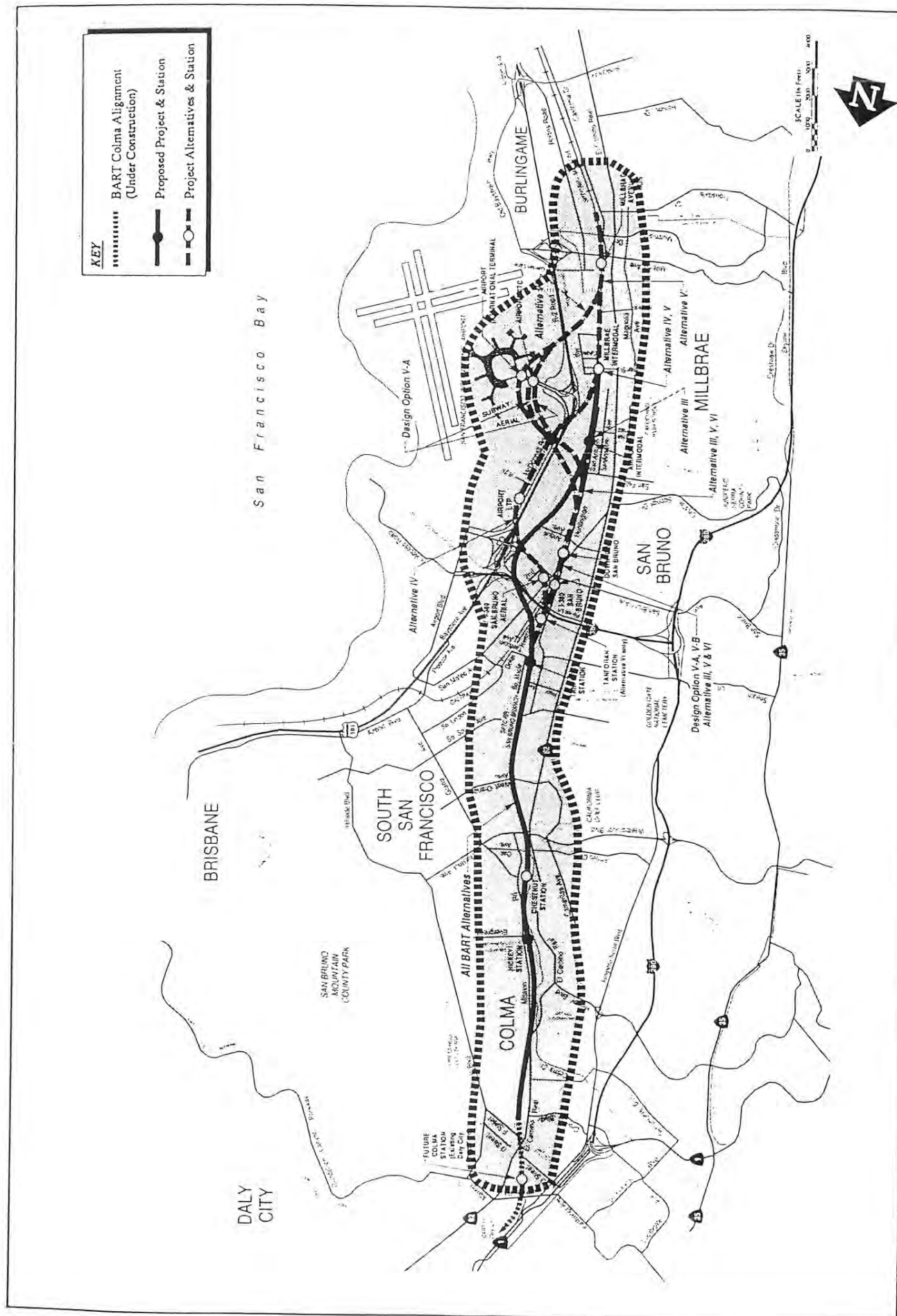
The Bay Area Rapid Transit District (BART), in cooperation with the Federal Transit Administration (FTA), the Metropolitan Transportation Commission (MTC), and the San Mateo County Transit District (SamTrans), is undertaking the preparation of a Draft EIR and Supplemental Draft EIS for the BART–San Francisco International Airport Extension Project. The project location is illustrated in Figures 1 and 2. The following discussion describes the proposed project and alternatives. In addition, BART is contemplating several design options that address construction techniques, alignments, and station layouts. Because these options do not affect the findings or conclusions of this report, they are not described here.

2.1 PROPOSED PROJECT – LOCALLY PREFERRED ALTERNATIVE (LPA)

The proposed project is the Locally Preferred Alternative (LPA) for extending BART from the Colma BART Station (under construction) to a San Francisco International Airport (SFIA) Intermodal Station, selected by the BART and SamTrans Boards of Directors and the MTC at the conclusion of the Alternatives Analysis/Draft Environmental Impact Statement/Draft Environmental Impact Report (AA/DEIS/DEIR) study process in June 1992.

The proposed project begins at the Colma BART Station (currently under construction), extends south in subway via the abandoned Southern Pacific Transportation Company (SPTCo.) San Bruno branch right-of-way, and then ascends to an at-grade Tanforan Station at the South San Francisco/San Bruno city limits. South of the Tanforan Station, as it turns east under the CalTrain main line tracks, the alignment would descend into a subway configuration. The proposed project would continue along the north side of I-380 until its junction with U.S. 101. At this point, the alignment would turn south under I-380 and continue in subway along the easterly limit of the City of San Bruno. The alignment would veer in a southwesterly direction across Airport property west of U.S. 101 and then ascend to an at-grade intermodal station west of U.S. 101, about one mile west of the Airport terminals. An Airport Light Rail System, constructed and operated by the Airport, would connect the intermodal station with Airport terminals and employment sites. South of the Airport Intermodal Station, tailtracks would extend about 3,000 feet toward Millbrae.





2.2 ALTERNATIVE I – NO BUILD

Under the No Build Alternative, there would be no BART extension to the Airport and no changes are assumed for the study area, except for any approved and funded projects.

2.3 ALTERNATIVE II – TRANSPORTATION SYSTEMS MANAGEMENT (TSM)

The TSM Alternative includes currently planned or funded major transportation improvements within the study area, including increased CalTrain service, an extension of San Francisco MUNI Metro to Fourth and Townsend Streets in San Francisco, the repair of earthquake-damaged freeway sections, and local circulation roadway improvements. The TSM also includes a CalTrain/Airport Light Rail Station west of U.S. 101.

2.4 ALTERNATIVE III – BART TO AIRPORT INTERMODAL STATION (BASE CASE)

The alternative follows the SPTCo San Bruno branch right-of-way between the future Colma BART Station tailtrack and an Airport Intermodal Station in San Bruno. The alignment would be built in open, retained cut structure from the Colma Station tailtrack to Mission Road, and then in a combination of at-grade and open retained cut to a below-grade Chestnut Station. South of the Chestnut Station, Alternative III would remain in retained cut to South Spruce Avenue. South of South Spruce Avenue, the alignment would rise to grade and proceed to the Tanforan Station. The alignment would continue south within the SPTCo. right-of-way and begin to ascend so that it would be above ground in an aerial structure as it traverses downtown San Bruno. South of downtown, BART would descend to an at-grade Airport Intermodal Station located west of the Airport terminals and U.S. 101. An Airport Light Rail System, constructed and operated by the Airport, would connect the intermodal station with Airport terminals and employment sites. An at-grade tailtrack would extend about 3,000 feet beyond this terminus.

2.5 ALTERNATIVE IV – BART AERIAL EAST OF HIGHWAY 101 TO MILLBRAE

Under Alternative IV, BART would follow the proposed project alignment from the Colma tailtrack to north of Tanforan Avenue. Near I-380, the alignment would rise to an aerial structure and turn east into the San Bruno Avenue corridor. Under this alternative, the location of the San Bruno station would be determined in cooperation with the City of San Bruno. The current proposal calls for an aerial station between I-380 and San Bruno Avenue, east of the SPTCo. right-of-way. The BART aerial alignment would continue east, cross over U.S. 101, and then curve south to parallel the highway on Airport property. BART would parallel the I-380 on-ramp viaduct and proposed Airport Light Rail System. The alignment would continue south on an aerial structure to an airport station by the long-term parking area. South of this station, BART would cross U.S. 101 in subway and then rise to an at-grade Millbrae Intermodal Station at Center Street along the SPTCo right-of-way. An approximately 3,000-foot tailtrack would extend at-grade south of the Millbrae station.

2.6 ALTERNATIVE V – MILLBRAE INTERMODAL (MINIMUM LENGTH SUBWAY IN DOWNTOWN SAN BRUNO)

This alternative is identical to the proposed project from the end of the Colma Station tailtrack to north of Tanforan Avenue. Under this alternative, too, the location of the San Bruno station would be determined in cooperation with the City of San Bruno. In the vicinity of I-380, BART

would descend to a subway through downtown San Bruno. South of Angus Avenue, BART would ascend to grade and proceed to a Millbrae Intermodal Station near Center Street. An approximately 3,000-foot tailtrack would extend at-grade south of the Millbrae Intermodal Station.

2.7 ALTERNATIVE VI – MILLBRAE AVENUE VIA THE AIRPORT INTERNATIONAL TERMINAL

Alternative VI follows the same alignment as the proposed project between Colma Station tailtrack and South Spruce Avenue. South of South Spruce Avenue, the alignment would stay below grade in open retained cut to the Tanforan Station. South of the Tanforan Station, the alignment would be in a minimum length subway through downtown San Bruno from San Bruno Avenue to Angus Avenue. The BART alignment would turn east under Highway 101 in subway, then turn south to a subway Airport International Terminal Station. BART passengers would access the proposed International Terminal by elevators and escalators and other terminals by walking or transferring to the proposed Airport Light Rail System. South of the Airport International Terminal Station, BART would curve southwest under U.S. 101 and then rise to an at-grade Millbrae Avenue BART/CalTrain Station. There would be an at-grade BART turnback and tailtrack which would extend south of Millbrae Avenue approximately 3,000 feet.

3. PREHISTORIC SETTING AND RESOURCES

3.1 NATURAL SETTING

The San Francisco Peninsula region encompasses the largest estuarine system in California. One of its principal features is San Francisco Bay, which is located near the proposed project's eastern boundary. Much of this bordering marshland has been reclaimed for urban purposes, after massive silting from the Gold Rush and landfill projects. The Peninsula's bayfront was also altered drastically over the past 15,000 years, when the melting of continental glaciers caused a rise of sea level that shifted local beaches more than 25 kilometers east. The archaeological significance of these geologic events is at least three-fold: 1) the natural environment of the Bay underwent almost continuous change during the past 15,000 years; 2) prehistoric peoples' adaptations to the estuarine environment evolved when marine waters began invading San Francisco Bay less than 8,000 years ago; and 3) villages and other sites on former shorelines must be buried under marine sediments (Moratto, 1984).

The prehistoric Bay Area was rich in natural resources that were used in abundance by the native populations. Rocks and minerals such as obsidian, cherts, cinnabar, and schist were excellent material for making tools, ornaments, trade goods, and weapons. The diverse habitats of the prehistoric San Francisco Bay Area, from saltmarsh to redwood forests, supplied a varied and abundant diet of game, fowl, fish, shellfish and vegetal foods to the early populations. In sum, the ample resources available in the Bay region permitted the growth of large populations that could both fulfill their domestic needs and provide valuable materials for trade.

3.2 CULTURAL SETTING

Early inhabitants of the study area were bound neither ethnically nor politically. The aboriginal groups of the southern San Francisco Bay region were assigned the name "Costanoan" (derived from the Spanish *Costanos*, or "people of the coast") at Euro-American contact. The project area lies in the vicinity of two former *Ramaytush*-speaking, or San Francisco Costanoan tribelets that

were documented at historic contact: *puyson* (Arroyo de San Francisco) and *lamsin* (Las Pulgas).

The population of the Costanoans at the time of European contact has been estimated between 7,000 and over 10,000 (Kroeber, 1924; Levy, 1978; Moratto, 1984). These individuals lived within tribelets, or villages and smaller settlements that were linked socially and located within a territory bounded by other ethnic groups. The political structure of each tribelet included a chief and a council of elders who were responsible for making group decisions (Harrington, 1933). The Costanoans built their villages primarily at confluences of two water bodies or in ecological transition zones, where the abundance of biotic resources is greatest. These people subsisted on a multitude of native vegetation species such as berries, plants, bulbs, seeds, and nuts (primarily the acorn). In addition, the Peninsula's early inhabitants hunted large mammals such as deer and elk, and fished from a large variety of freshwater and marine fish and shellfish.

By the early 19th century, disease and the destructive impact of the mission system reduced the Costanoan population to a small number of manual laborers who were forced by the Mexican government to live first in missions, and later in ranchos. Currently, approximately 200 persons of partial Costanoan descent reside in northern and central California (Levy, 1978).

Although information regarding the Costanoans is far from complete, early accounts were written by explorers, missionaries, and anthropologists. Primary ethnographic information may be found in the following:

- Harrington, John P. 1942. Culture Element Distributions. XIX: Central California Coast. University of California Anthropological Records 7(1):1-46. Berkeley.
- Heizer, R.F. 1978. Handbook of North American Indians. Volume 8: California. Washington, D.C.: Smithsonian Institution.
- Heizer, R.F. and M.A. Whipple. 1951. The California Indians: A Source Book. Berkeley: University of California Press.
- Kroeber, A.L. 1925. Handbook of the Indians of California. Bureau of American Ethnology Bulletin 78. Government Printing Office. Washington D.C.

Historic information for this project is being prepared under separate cover by Laurence Shoup, Ph.D. and Mark Brack of Archaeological/Historical Consultants, historical subconsultants on the BART-San Francisco International Airport Extension EIR/EIS.

4. METHODS

4.1 RESEARCH

Prior to performing a field survey and performing subsurface testing, the author performed a records, literature and archival review at the regional repository for archaeological surveys, located at the Northwest Information Center, Sonoma State University (File No. 93-295). Reference material on file at the Bancroft Library and Map Room of the University of California, Berkeley was also consulted. This review indicated that a survey of the project corridor conducted in 1991 affirmed the presence of a known prehistoric site (discussed below), with an absence of surface cultural resources elsewhere in project boundary. Portions within one mile of each of the proposed project alignments were also surveyed within the past 15 years, which

documented the absence of cultural materials on surface areas (Surveys 3043, 3057, 3134, 3074, 10402, 12201 and 13543).

San Mateo County site 299 (SMA-299) was recorded in 1989 by Barbara Bocek of Stanford University during the San Francisquito Archaeological Project. She described the site as "a large shell midden with shell in patches of varying density, on [the] north and south banks of the creek... early residents describe it as a single huge midden site more than two kilometers in length." The integrity of the site, or the state in which it was found, was recorded as "completely destroyed, not only by creek channelization, railroad tracks and other construction, but by systematic mining of the midden itself as 'Colma Loam,' sold as gardening soil in the 1930-1950's." Information regarding the site itself appears to be based primarily on an early letter written by William Wihr of San Francisco. Other records, if in existence, were not made available to the author by Stanford University at the time of this report.

4.2 FIELD SURVEY

On September 9, 1993, Carolyn Rice, M.A. and Robyn Talman, M.A. conducted the initial archaeological survey to identify possible existing historic or prehistoric cultural materials in an unsurveyed portion of the project area. An archaeological survey is defined as follows:

Inspection of all land surfaces that can reasonably be expected to contain visible archaeological resources. Every portion of the project area whose surface can be seen without major modification of vegetation, and where it is reasonably possible that human activities that would leave traces might be carried out, is inspected in a general surface reconnaissance. Every foot of ground is not necessarily covered. A general surface reconnaissance is the functional equivalent of a complete reconnaissance (investigation of every visible portion of the project area) in areas where soil, vegetation, or other conditions make it highly likely that some kinds of archaeological phenomena would be preserved, or where conditions obscure such phenomena to a point at which they could not be observed without undertaking large scale brush clearing, grading, etc. (King et al., 1973; Edwards, 1979).

The walk-over was conducted by using a straight-line pattern at 10-meter intervals to ensure full coverage of the unsurveyed portion of proposed project area, a minimally developed wetland area between the SPTCo. corridor adjacent to San Felipe Avenue to the west and U.S. 101 to the east (see Figure 3). On Friday, May 13, 1994, Carolyn Rice performed a supplemental foot reconnaissance survey of the expanded APE, a small area approximately .5 kilometers long and .3 kilometers wide (see Figure 3a). The supplemental survey area is located approximately .8 miles northeast of the intersection of El Camino Real and Millbrae Avenue in the City of Millbrae. The same methods were used as those of the initial survey; ground visibility was poor, approximately 8 percent. Ground disturbance in this area is almost complete, due to residences, the railroad corridor, the PG&E substation, and tennis courts.

United States Geological Survey (USGS) maps and black and white copies of aerial photographs were carried into the field for periodic consultation. Mason's trowels were used to clear brush where soils supported plant species indicative of archaeological soils (such as California poppy and blackberry). In the wetland area, Common Cattail (*Typha sp.*) and numerous other species of native plants were located. Indications from historic maps and the presence of minimally disturbed native vegetation in the vicinity suggest that undisturbed prehistoric material may be present beneath the ground surface.



FIGURE 1

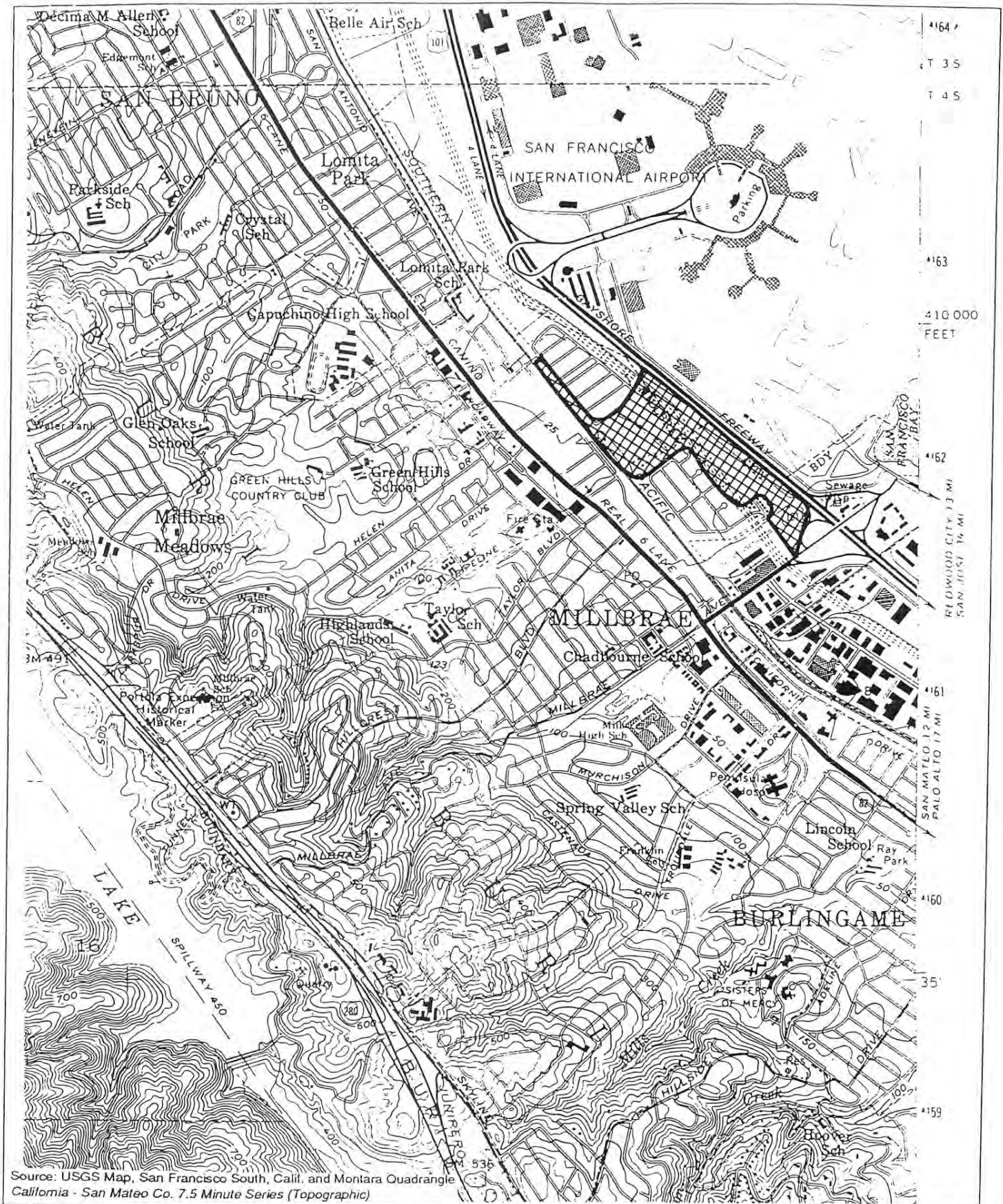
3

Archaeological Survey Area

SCALF: (In Fict)



SOURCE: USGS Map, San Francisco South, Call
and Montara Quadrangle
California - San Mateo Co. 7.5 Minute Series
(Topographic)



OGDEN
■■■■■

Area of Potential Effect/ Archaeological Survey Area

FIGURE

3a

4.3 ARCHAEOLOGICAL TESTING

The testing phase of the prehistoric studies for the proposed BART–San Francisco Airport Extension was limited to shovel test pits and auger holes that were performed to determine the presence or absence of cultural material at the one previously known prehistoric site, SMA-299. The placement of 20 auger holes, randomly placed approximately 15 meters apart, approximately .3 meter in diameter and ranging from 15 centimeters to 1 meter in depth, resulted in the absence of archaeological soils throughout the site vicinity (see Confidential Appendix B and Table 1). The auger holes were placed on a 1.5 kilometer alignment on the west side of the SPRR tracks in the site area recorded in 1989 (see Confidential Appendix A). The soil from each unit was examined for cultural material: midden soil (formed by food refuse), shell, or artifactual constituents such as obsidian or flaked chert. A small amount of soil from the bottom of each unit was tested for its pH balance, which is also an indicator of midden soil. As discussed below, no cultural material was found during this preliminary testing phase. Controlled excavation units, therefore, were not performed.

5. REPORT OF FINDINGS

As stated in Section 4.1, San Mateo County site 299 was recorded previously in the proposed BART alignment in South San Francisco. The site record, completed in 1989, states that the site has been “completely destroyed” (see Confidential Appendix A). Destructive factors stated in the site record include soil mining of the midden in the 1930s to 1950s, the channelization of Colma Creek, and the construction of the SPTCo rail line. Broken rock — often a remnant of prehistoric habitation — was located in abundance on the surface, but never associated with anthropic soil, or in a cultural context. During the field survey, it appeared that large equipment was used recently to scrape and pile surface dirt and fill. In addition, construction of the large parking garage for Kaiser Hospital, located directly west of the former site, and landscaping appear to have contributed to completely erasing all traces of the site.

6. MANAGEMENT CONSIDERATIONS

The project area contains one known prehistoric site (SMA-299), and the potential exists for subsurface prehistoric material to be uncovered at this site during project excavation and construction. Because the area of development, grading, and ground disturbance for the Locally Preferred Alternative and each of its alternatives includes the area of SMA-299, the potential impacts to this site would be the same for each. Accordingly, the following impact statements apply to all alternatives.

- The author’s field reconnaissance survey and testing program established only the absence of surface remains; this type of investigation and testing cannot completely determine whether buried deposits are present. Trenching associated with the development may disturb these resources.
- The proposed area of impact for this project does not include any known structures or sites significant to ethnic or religious values. Impacts to ethnic or religious values, therefore, are not expected from the alternatives being considered for the proposed BART–San Francisco International Airport Extension Project.

Table 1 redacted due to confidential information

The following mitigation measures would reduce the potential loss of known prehistoric cultural resources to less than significant.

1. Construction Monitoring. Trench excavation and other earth-disturbing activities at and in the vicinity of site SMA-299 will be monitored by a SOPA-qualified archaeologist during project construction. The use of a monitoring archaeologist would ensure the identification of significant resources and the protection of these potential resources from negative impacts and damaging effects. Significant cultural materials include, but are not limited to, human remains, altered stone, shell and bone artifacts, concentrations of fire altered rock, ash, charcoal, shell, and bone, and historic features such as building foundations or privies. If any cultural remains are uncovered during the course of altering any sites, work within ten feet of the resources should be stopped immediately. Appropriate authorities (such as the local coroner, in the case of human burials) and a SOPA-qualified archaeologist should be retained to investigate the site's potential archaeological value.

Mitigation of the cultural resources may include monitoring of further construction and/or systematic excavation of the remains. Cultural materials collected as part of the discovery, monitoring or mitigation phases must be properly conserved, catalogued, analyzed, evaluated, and curated according to current archaeological standards set by the State Historic Preservation Officer.

7. REFERENCES

- Advisory Council on Historic Preservation. Guidelines for Making "Adverse Effect" and "No Adverse Effect" Determinations for Archeological Resources in Accordance with 36 CFR Part 800. Washington, D.C. 1976.
- Advisory Council on Historic Preservation. 36 CFR Part 800: Protection of Historic Properties Regulations of the Advisory Council on Historic Preservation Governing the Section 106 Review Process. Washington, D.C. 1986.
- Advisory Council on Historic Preservation. Section 106, Step-by-Step. Washington, D.C. 1986.
- Archaeology Consulting and Research Services, Inc. Report of an Archaeological Reconnaissance of the City of Millbrae's Madrone Street Sewage Lift Station and Interceptor Sewer Project, Santa Cruz. November 1978.
- Baker, Suzanne. Archaeological Reconnaissance for the Proposed San Andreas Pipeline No. 3, San Mateo County, San Francisco. April 1979.
- Basin Research Associates, Inc. A Cultural Resources Assessment for the San Francisco Resource Supply Stud. Daly City to City of San Mateo, San Mateo County, California, San Leandro. November, 1988.
- Beck, W.A. and Y.D. Haase. Historical Atlas of California. University of Oklahoma Press, Norman. 1974.
- BioSystems, Inc. Technical Report of Cultural Resources Studies for the Proposed WTG-West, Inc. Los Angeles to San Francisco and Sacramento, California Fiber Optics Cable Project, Santa Cruz. October 1989.
- Bocek, Barbara. Prehistoric Settlement Pattern and Social Organization on the San Francisco Peninsula, California. In Between Bands and States. Susan A Gregg, Ed. Center for Archaeological Investigations, Occasional Paper No. 9, Southern Illinois University. 1991.
- California Department of Parks and Recreation. Office of Historic Preservation, California Inventory of Historic Resources. The Resources Agency, Sacramento. 1976.
- California Department of Parks and Recreation. Office of Historic Preservation, California Historical Landmarks. The Resources Agency, Sacramento. 1982.
- Chavez, David. Cultural Resources Evaluation of the Colma Wastewater Collection System, Town of Colma, San Mateo County, California, Mill Valley. November 1977.
- Chavez, David. Cultural Resources Evaluation for the San Francisco International Airport Master Plan EIR, San Mateo County, California, Mill Valley. 1990.
- Chavez, David. Cultural Resources Investigations for the BART-San Francisco Airport Extension Alternatives Analysis, EIS/EIR, Mill Valley. December 1991.
- Clark, Matthew. Initial Archaeological Evaluation of Proposed Park Additions and a Portion of the Colma Creek Channel for the Orange Memorial Park Master Plan EIR, South San Francisco, California. Martin Carpenter Associates, El Granada. March 1992.

- Davis, James T. Trade Routes and Economic Exchange Among the Indians of California. UC Archaeology Survey Reports 54, Berkeley. 1961.
- Edwards, Robert. Recommendations for Archaeological Impact Evaluations: Procedures and Guidelines for Archaeological Consultant Qualifications - Prepared for Santa Clara County California Archaeological Site Inventory, Cabrillo College, Aptos. 1979.
- Elsasser, A.B. Development of Regional Prehistoric Cultures. In California, edited by R.F. Heizer, Volume 8, Handbook of North American Indians, pp. 37-57. Smithsonian Institution, Washington, D.C. 1978.
- Hamilton, J. Indian shell mounds of San Mateo Creek and vicinity. Manuscript, San Mateo: Museum of San Mateo Historical Association. 1936.
- Harrington, John P. Report of Fieldwork on Indians of Monterey and San Benito Counties. Washington, D.C.: Smithsonian Institution, Bureau of American Ethnology Annual Report for 1931-1932. 1933.
- Harrington, John P. Culture Element Distributions. XIX: Central California Coast, University of California Anthropological Records 7(1):1-46, Berkeley. 1942.
- Heizer, R.F. The Direct Historical Approach in Central California Archaeology. American Antiquity, 7:98-122. 1941.
- Heizer, R.F. The Archaeology of Central California: I, The Early Horizon. UC-AR, Vol. 12, No. 1. 1949.
- Heizer, R.F. and M.A. Whipple. The California Indians: A Source Book. Berkeley: University of California Press. 1951.
- Heizer, R.F. Handbook of North American Indians, Volume 8: California. Washington: Smithsonian Institution. 1978.
- Hynding, Alan. From Frontier to Suburb: The Story of the San Mateo Peninsula. Star Publishing Co. Belmont. 1982.
- King, R.F., M.M. Moratto, and N.N. Leonard III. Recommended Procedures for Archaeological Impact Evaluation. Society for California Archaeology Publication. 1973.
- Kroeber, A.L. Indian Myths of South Central California. University of California Publications in American Archaeology and Ethnology 4(3):65-166, Berkeley. 1907.
- Levy, R. Costanoan. In California, edited by R.F. Heizer. Handbook of North American Indians, Volume 8. Smithsonian Institute, Washington D.C. 1976.
- Margolin, Malcolm. The Ohlone Way: Indian Life in the San Francisco - Monterey Bay Area. Heyday Books, Berkeley. 1978.
- Moratto, Michael J. Contributions to the Archaeology of San Mateo County. Treganza Anthropology Museum Papers, San Francisco State College: Volume 1. 1971.
- Moratto, Michael J. California Archaeology. Orlando: Academic Press, Inc. 1984.

- Nelson, N.C. Shellmounds of the San Francisco Bay Region. UC-PAAE, Vol. 7, No. 4. 1909.
- Nichols, Donald R. and Nancy A. Wright. Text and References Accompanying Preliminary Map of the Historic Margins of Marshland, San Francisco Bay, California. United States Department of the Interior, Geologic Survey. 1971.
- Oliphant, Robert L. The Archaeology of 4-SMa-101. In Contributions to the Archaeology of San Mateo County, Treganza Anthropology Museum Papers, No. 8. J. Moratto, Ed., San Francisco. 1971.
- Parsons, Brinckerhoff Quade & Douglas, Inc. and Associated Consultants. BART-San Francisco Airport Extension Alternatives Analysis/Draft EIS/EIR Social and Physical Impacts and Mitigation Report, San Francisco. September, 1991.
- Parsons, Brinckerhoff, Quade & Douglas, Inc. and Associated Consultants. BART-San Francisco Airport Extension Alternatives Analysis/Draft EIS/EIR. Chapter 3 Affected Environment, San Francisco. September 1991.
- San Mateo County. Official Maps of San Mateo County. 1868, 1877, 1888, 1890, 1902, 1927, 1950, 1960.
- Stanger, Frank M. South from San Francisco. San Mateo County Historical Association. 1963.
- Thomas Bros. The Thomas Guide: Santa Clara and San Mateo Counties Street Guide and Directory. Thomas Bros. Maps, San Francisco. 1987.
- United States Department of the Interior. Federal Register: National Register of Historic Places 44 (26, Book 2). 1979-1986, 1988.
- United States Geological Survey (USGS). Montara Mountain, Calif. (Quadrangle). Topographic map, Scale 1:24,000/7.5 minute series, Menlo Park. 1956, photorevised 1980.
- United States Geological Survey (USGS). San Francisco South, Calif. (Quadrangle). Topographic map, Scale 1:24,000/7.5 minute series, Menlo Park. 1956, photorevised 1980.
- Van Dyke, Stanley. The Archaeology of Site 4-SMa-101. In Contributions to the Archaeology of San Mateo County, Treganza Anthropology Museum Papers, No. 8. J. Moratto, Ed. 1971.
- Young, Daniel. Archaeological Survey Report for Widening Project. Department of Transportation. February 1976.

Appendix A

Personnel Qualifications

Carolyn Rice
Consulting Archeologist
600 Grizzly Peak Blvd.
Berkeley, CA 94708

SUMMARY OF QUALIFICATIONS

With over 8 years of experience on environmental field and laboratory projects in California and Hawaii, I direct cultural resources research tasks, surveys, and test/data recovery projects in a variety of settings. Associated responsibilities include client contact, personnel supervision, and preparation of draft and final reports. My qualifications include a thorough knowledge of NEPA, CEQA, NHPA (Section 106 compliance), and numerous other federal, state and local laws and regulations mandating environmental assessment. I bring with me the experience and perspective gained during the past two years of managing numerous multidisciplinary studies for both cultural resources and comprehensive environmental assessments, with responsibilities such as scheduling and coordinating project assignments, proposal preparation, project management, quality control/quality assurance, and group planning.

From proposal preparation to full-scale excavation, my experience has given me expertise in the following areas:

- Project management;
- Proposal, draft, and final (response to comments) report preparation;
- Archival and ethnographic research;
- Prehistoric and historic site assessment;
- Historic architecture significance analysis;
- Comprehensive and mixed-strategy archaeological surveys;
- Site recordation, including mapping and photography;
- Native American coordination;
- Artifact identification, cataloging, and drawing;
- Historic map and aerial photograph analysis; and
- Environmental education.

EDUCATION

M.A. Cultural Anthropology/Archaeology, San Francisco State University, 1992
B.A. Environmental Studies, University of California at Santa Cruz, 1985

PROFESSIONAL EXPERIENCE

1990 to 1993: Cultural Resources Specialist and Project Manager for Ogden Environmental and Energy Services Company, Inc. 221 Main Street, San Francisco, California 94105. Under the direct supervision of Rod Jeung and Ric Villasenor in San Francisco (415) 227-4370 and Richard Carrico and Andrew Pigniolo in San Diego (619) 458-9044.

1985 to 1990: Part-time Consulting Archaeologist for numerous projects in Northern California.

Appendix B
Record Search Receipt



ENVIRONMENTAL AND ENERGY SERVICES

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 3, 1993

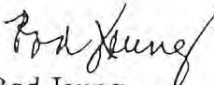
California Archaeological Inventory
Northwest Information Center
Foundation Building 300
Sonoma State University
1801 E. Cotati
Rohnert Park, CA 94928

To Whom it may Concern:

Ogden Environmental and Energy Services (Ogden Environmental) is currently preparing a Recirculated Environmental Impact Report for the BART - SF Airport project. We are hereby requesting a record search for the areas within a one-mile radius on each side of the two proposed project alignments (depicted on the enclosed map). Ogden authorizes the Northwest Information Center to devote up to four hours @ \$90 per hour for this task. Our project referral number is 3-1098-2001-0002.

Thank you, in advance.

Sincerely,


Rod Jeung
Project Manager

RJ/cr

Enclosure

California
Archaeological
Inventory



COLUSA
CONTRA COSTA
DEL NORTE
HUMBOLDT
LAKE

MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO

SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Department of Anthropology
Foundation Center, Bldg. 300
Sonoma State University
Rohnert Park, California 94928
(707) 664-2494 • Fax (707) 664-3947

AGREEMENT OF CONFIDENTIALITY

FILE NO.: 93-295

I, the undersigned, have been granted access to archaeological data on file at the Northwest Information Center of the California Archaeological Inventory. I understand the confidential nature of this information and will not disclose specific site locations to unauthorized individuals or in publicly distributed documents without written consent of the State Historic Preservation Office.

I agree to submit completed site records and preliminary reports pertinent to this project to this Information Center no later than 30 days after completion of field investigation. Subsequent reports will also be forwarded.

I understand that failure to comply with the above agreement is grounds for denial of access to the archaeological data at the Northwest Information Center.

*** PLEASE SIGN AND RETURN THIS FORM. SEE ATTACHED INVOICE. ***

Name: Carolyn Rice Signature Carolyn Rice Date 8-9-13

Affiliation: Ogden Environmental Telephone 415/227-4370

Address: 221 Main St Suite 1400 San Fran. 94105

Purpose of research: ☒ planning ☐ scientific/academic ☐ other

PROJECT: BART to San Fran. Airport

COUNTY: San Fran / San Mateo

MAP: San Fran. Sonoma / Marin area

COMMENTS:

STAFF USE ONLY

Request Received
Telephone _____
Fax _____
In person 7/9/13
Mail _____

Response
Telephone _____
Fax _____
Mail _____

Fees
Staff processing: _____ hour(s) @ \$90/hr. \$ _____
In person research: 1 day(s) @ \$90/day \$ 90.00
Xerox: 70 page(s) @ \$.10/pg. \$ 7.00
Bibliography: _____ hour(s) @ \$15/hr. \$ _____
staff/computer time: _____ hour(s) @ \$30/hr. \$ _____
Telephone surcharge \$10: \$ _____
Topographic map surcharge, _____ add'l map(s) reviewed @ \$10 each: \$ _____
Rapid Response surcharge: \$ _____
Fax @ \$2 first page, \$1 thereafter: \$ _____
Other: \$ _____

Lucy P. Ford
Information Center Staff

TOTAL: \$ 97.00



RECORDS SEARCH SUPPLEMENT
BIBLIOGRAPHY/XEROX REQUEST FORM & INVOICE

DATE OF REQUEST: Aug 16, 1993 NWIC FILE NUMBER: 93-X-66

DATE OF RESPONSE: _____

Name: Carolyn Rice

Affiliation: Ozden Environmental

Address: 221 Main St, Ste 1400, S.F. 94105

Phone#: 415-227-4370

Fax#: 415-227-4376

INFORMATION REQUESTED: CA-SMA-172/H

(see: 93-295) - Bart Project SF/Airport Ext.

FEES:

Staff / Computer time: _____ hour(s) @ \$30.00/hr. \$ _____

Xerox time: .25 hour(s) @ \$15.00/hr. \$ 3.75
2 page(s) @ \$.10/pg. \$.20

Rapid Response Surcharge: \$ _____

Other: \$ _____

TOTAL: \$ 3.95

NOTES:

PLEASE ACCEPT THIS FORM AS AS INVOICE FOR \$ 3.95. Please reference our file # on the remittance check, make the check payable to the SSU Academic Foundation, and send it to the above address. Thank you.

Margie Begley Romchelli
Information Center Staff

California
Archaeological
Inventory



ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE
HUMBOLDT
LAKE

MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO

SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Department of Anthropology
Foundation Center, Bldg. 300
Sonoma State University
Rohnert Park, California 94928
(707) 664-2494 • Fax (707) 664-3947

AGREEMENT OF CONFIDENTIALITY

FILE NO.: 93-X-48

I, the undersigned, have been granted access to archaeological data on file at the Northwest Information Center of the California Archaeological Inventory. I understand the confidential nature of this information and will not disclose specific site locations to unauthorized individuals or in publicly distributed documents without written consent of the State Historic Preservation Office.

I agree to submit completed site records and preliminary reports pertinent to this project to this Information Center no later than 30 days after completion of field investigation. Subsequent reports will also be forwarded.

I understand that failure to comply with the above agreement is grounds for denial of access to the archaeological data at the Northwest Information Center.

*** PLEASE SIGN AND RETURN THIS FORM. SEE ATTACHED INVOICE. ***

Name: Richard Carrico Signature _____ Date _____

Affiliation: Ogden Environmental Telephone _____

Address: 5510 Morehouse Drive, San Diego, CA 92121

Purpose of research: XX planning _____ scientific/academic _____ other _____

PROJECT: site record and report xeroxing for the Daly City Bart Extension

COUNTY: San Mateo

MAP: n/a

COMMENTS: Enclosed are copies of the site record for CA-SMA-292 and S-3155 (Chavez 1980). The bibliographic printout is of reports written by Chavez that are located on the San Francisco South 7.5' quad.

-----STAFF USE ONLY-----

Request Received
Telephone 8 July 1993
Fax _____
In person _____
Mail _____

Response
Telephone _____
Fax _____
Mail 12 July 1993

Fees		
Staff processing:	_____ hour(s) @ \$90/hr.	\$ _____
In person research:	_____ day(s) @ \$90/day	\$ _____
Xerox:	14 page(s) @ \$.10/pg.	\$ 1.40
	0.25 hour(s) @ \$15/hr.	\$ 3.75
Bibliography:		
staff/computer time:	_____ hour(s) @ \$30/hr.	\$ _____
Telephone surcharge \$10:		\$ _____
Topographic map surcharge,		
_____ add'l map(s) reviewed @ \$10 each:		\$ _____
Rapid Response surcharge:		\$ _____
Fax @ \$2 first page, \$1 thereafter:		\$ _____
Other:		\$ _____

Lisa C. Hagel
Information Center Staff

PLEASE ACCEPT THIS FORM AS AN INVOICE TOTAL: \$ 5.15
FOR \$5.15. MAKE YOUR CHECK PAYABLE TO THE SSUAF
AND REFERENCE THE ABOVE FILE NUMBER ON THE CHECK.
THANK YOU!!

Appendix C

Agency Correspondence

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 27, 1993

Debbie Treadway
Native American Heritage Commission
915 Capitol Mall
Room 364
Sacramento, CA 95814

**Re: BART San Francisco International Airport Recirculated Draft
EIR/Supplemental Draft EIS Project**

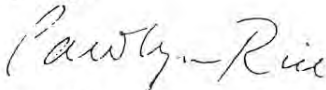
Dear Ms. Treadway:

Ogden Environmental and Energy Services Company, Inc. (abbreviated Ogden Environmental), in conjunction with Archaeological and Historic Consultants (AHC), Oakland, is currently preparing a recirculated Environmental Impact Report for the referenced project in both San Francisco and San Mateo counties. The project involves numerous historic resources that will be evaluated for their potential National Register eligibility. One prehistoric site (shell midden SMa-299) will be tested archaeologically for its potential eligibility to the Register. Diagrams of the alternatives proposed for the BART extension are provided with this letter.

We respectfully request any information and input that you may have regarding both Native American and historic concerns, either directly or indirectly associated with this project area. We would also be interested in knowing whether or not there are individuals in the area who should be contacted prior to the continuation of this project. If you have information, concerns, or other input, please submit them in writing, so that they may be incorporated in the final report.

We appreciate your assistance in this matter. If you have any questions or require any further information regarding this project, please contact me at 510/843-5709.

Sincerely,



Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosures



221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

August 27, 1993

Hans Kreutzberg
State Historic Preservation Office
1416 9th St.
Sacramento, CA 95814

Re: BART San Francisco International Airport Recirculated Draft EIR/Supplemental Draft
EIS Project

Dear Mr. Kreutzberg:

Ogden Environmental and Energy Services Company, Inc. (abbreviated Ogden Environmental), in conjunction with Archaeological and Historic Consultants (AHC), Oakland, is ready to proceed with the field investigations for the referenced project. The project involves numerous historic resources that will be evaluated for their potential National Register eligibility. One prehistoric site (shell midden SMA-299) will be tested archaeologically for its potential eligibility to the Register. Diagrams of the alternatives proposed for the BART extension are provided with this letter, along with a copy of correspondence with representatives of the Native American Heritage Commission.

Personnel who will provide cultural resources reports are listed with their phone numbers as follows:

- Laurence Shoup, History (510/654-8635)
- Mark Brack, Historical Architecture (510/644-8194)
- Carolyn Rice, Prehistory (510/843-5709)

We are eager to begin coordination with you in setting the APE and in meeting SHPO requirements and, therefore, will call you soon.

Sincerely,

Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosures

221 Main Street, Suite 1400
San Francisco, CA 94105
415 227 4370
Fax 415 227 4376

SAMPLE OF LETTER SENT TO NATIVE AMERICAN REPRESENTATIVES

August 16, 1993

Andrew Galvan
P.O. Box 3152
Mission San Jose, CA 94539

Re: BART San Francisco International Airport Extension Project

Dear Mr. Galvan:

Ogden Environmental and Energy Company, Inc., is currently preparing a recirculated Environmental Impact Report for the referenced project in both San Francisco and San Mateo counties. The project includes a corridor that is under potential impact from the proposed train route extension to San Francisco International Airport. The area under study is depicted on the enclosed map.

We respectfully request any information and input that you may have regarding both Native American and historic concerns, either directly or indirectly associated with this project area. We would also be interested in knowing whether or not there are individuals in the area who should be contacted prior to the continuation of this project. If you have information, concerns or other input, please submit them in writing, so that they may be incorporated in the final report.

We appreciate your assistance in this matter. If you have any questions or require any further information regarding this project, please contact me at the address listed above.

Sincerely,



Carolyn Rice
Cultural Resources Specialist

CR/rc

Enclosure

<u>Name address telephone</u>	<u>Tribal affiliation</u>
Amah Tribal Band Chairperson: Irene Zwierlein 789 Canada Road Woodside, CA 94062 (415) 851-7747	Ohlone
Esselen Nation Chairperson: Loretta Escobar-Wyer P.O. Box 464 Palo Alto, CA 94302 (408) 924-1572 Office (415) 390-9919	Ohlone/Esselen
Andrew Galvan P.O. Box 3152 Mission San Jose, CA 94539 (510) 656-0777 (510) 656-2364 Message	Ohlone
Frances Garcia 425 Queen Street, #33 King City, CA 93930-3719 (408) 385-5591	Ohlone/Salinan
Indian Canyon Mutsun Band of Costanoan People Chairperson: Ann Marie Sayers P.O. Box 28 Hollister, CA 95024-0028 (408) 637-4238	Ohlone
Jakki Kehl 1675 North Corral Hollow Rd. Tracy, CA 95376 (209) 832-7403	Ohlone
Kenneth Marquis 4659 Bolero Drive San Jose, CA 95111 (408) 226-3357	Ohlone

NATIVE AMERICAN REPRESENTATIVES CONTACTED BY LETTER
(SEE SAMPLE LETTER TO ANDREW GALVIN PRECEDING THIS LIST)

<u>Name</u> <u>address</u> <u>telephone</u>	<u>Tribal</u> <u>affiliation</u>
Jenny Mousseaux (McLeod) P.O. Box 610546 San Jose, CA 95161 (408) 249-6049	Salinan/Chumash/Ohlone
Muwerkma Indian Tribe Chairperson: Rosemary Cambra 1845 The Alameda San Jose, CA 95126 (408) 293-9956	Ohlone
Patrick Orozco 110 Dick Phelps Road Watsonville, CA 95076 (408) 728-8471	Ohlone
Alex Ramirez 4910 Alum Rock Ave San Jose, CA 95127 (408) 923-0204	Ohlone
Ella Mae Rodriguez 1188 Phoenix Ave, House B Seaside, CA 93955 (408) 394-8176	Ohlone
Linda Yamane 1385 Harding Street Seaside, CA 93955 (408) 394-5915	Ohlone

NATIVE AMERICAN REPRESENTATIVES CONTACTED BY LETTER
(SEE SAMPLE LETTER TO ANDREW GALVIN PRECEDING THIS LIST)

Confidential Appendix A
Archaeological Site Record

Confidential Appendix B
Archaeological
Testing Locations
