

1 **6.5 CULTURAL RESOURCES**

	<i>Potentially Significant Impact</i>	<i>Less Than Significant With Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
<i>Would the project:</i>				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2 **6.5.1 Approach to Analysis**

3 Tables 6.5-1 and 6.5-2 provide a synopsis of the cultural resource sites (archaeological and
 4 historical) that are known to exist within the San Francisco and Los Angeles Areas of Potential
 5 Effect (APE) for the project, or are contiguous to the APE; the tables provide a brief description of
 6 the site type and note the appropriate mitigation measure or measures.

7 CEQA only requires the assessment of impacts on resources that meet the eligibility criteria of the
 8 California Register of Historical Resources, or those deemed to be significant by the lead agency.
 9 Since most of the resources within the 100-foot corridor have not had their California Register of
 10 Historical Resources eligibility evaluated, this environmental document assumes that all known,
 11 and potentially unknown, resources are eligible for listing in the California Register of Historical
 12 Resources. Therefore, this section examines the effects of the project on all known and unknown
 13 resources and identifies ways to mitigate significant effects to a less-than-significant level.

14 **6.5.2 Impact Significance Criteria**

15 A significant effect to a cultural resource is an effect that would cause a substantial adverse change
 16 in the significance of the resource (CEQA Guidelines Section 15064.5). Effects that cause
 17 substantial adverse changes are those that cause physical demolition, destruction, relocation, or
 18 alternation of a resource or its immediate surroundings such that the significance of the resource
 19 would be materially impaired. A resource is materially impaired when it no longer meets the
 20 eligibility criteria of the California Register of Historical Resources, local registers, or the lead
 21 agency.

1 **6.5.3 Impact Mechanisms**

2 The greatest impact to cultural resources and, more specifically, to archaeological resources on the
3 ground, would occur as a result of construction-related activities either from trenching for
4 installation of the conduits, portals excavated for directional boring, or other ground disturbing
5 activities. While construction of the Points of Presence (POPs) would pose a point-specific and
6 usually angular impact, ground-disturbing activities associated with placement of the conduits are
7 linear and relatively narrow. A second type of impact could occur from hanging or placing
8 conduits on historical bridges, trestles, or buildings.

9 The extent of the particular impact to an archaeological site would depend on the depth and
10 breadth of a given resource and the degree to which the action, e.g., trenching, would intrude into
11 the resource. In the case of historic bridges, trestles, and buildings, the extent of the impact would
12 be directly related to the alteration of visual or aesthetic quality of the structure.

13 Normal, routine maintenance would not typically constitute a significant impact. Exceptions
14 might include emergency repairs that required mechanical excavation in sensitive areas,
15 particularly areas that had not been previously disturbed, or the removal/replacement of conduit.

16 **6.5.4 Impact Assessment**

17 **6.5.4.1 San Francisco Bay Area Network**

18 Table 6.5-1 summarizes the archaeological and historical site types, their location, and mitigation to
19 avoid significant impacts within the San Francisco Bay Area Network. These data are based on the
20 project's cultural resource inventory report (Mooney & Associates 2000), as updated (T. Cooley,
21 personal communication). Figures illustrating general areas of mitigation and construction
22 monitoring are shown in figures 6.5-1 and 6.5-2a through 6.5-2c.

23 a. *Would the proposed project cause a substantial adverse change in the significance of a historical*
24 *resource?*

25 **Impact CR-1:** The project could cause substantial adverse changes to the significance of known
26 historical resources. Portions of archaeological resources could be damaged and destroyed by
27 trenching through cultural deposits. Archaeological resources may also be damaged by vehicular
28 movement. Extant architectural resources, that include features associated with the railroad
29 (bridges, culverts, etc.) and buildings may be damaged by the construction, operation, and
30 removal of POPs and/or by the hanging of infrastructure from them. This impact is a significant
31 impact but can be reduced to a less-than-significant level with the implementation of the following
32 mitigation measures.

33 **Mitigation Measure CR-1a:** Appoint a cultural resources specialist. At least 15 days prior to the
34 start of project-related archaeological investigations, Metromedia shall provide the CPUC with the
35 name and statement of qualifications for its designated cultural resources specialist who will be
36 responsible for implementation of all project-related cultural resources mitigation measures. The
37 statement of qualifications must be sufficient to substantiate that the specialist meets the

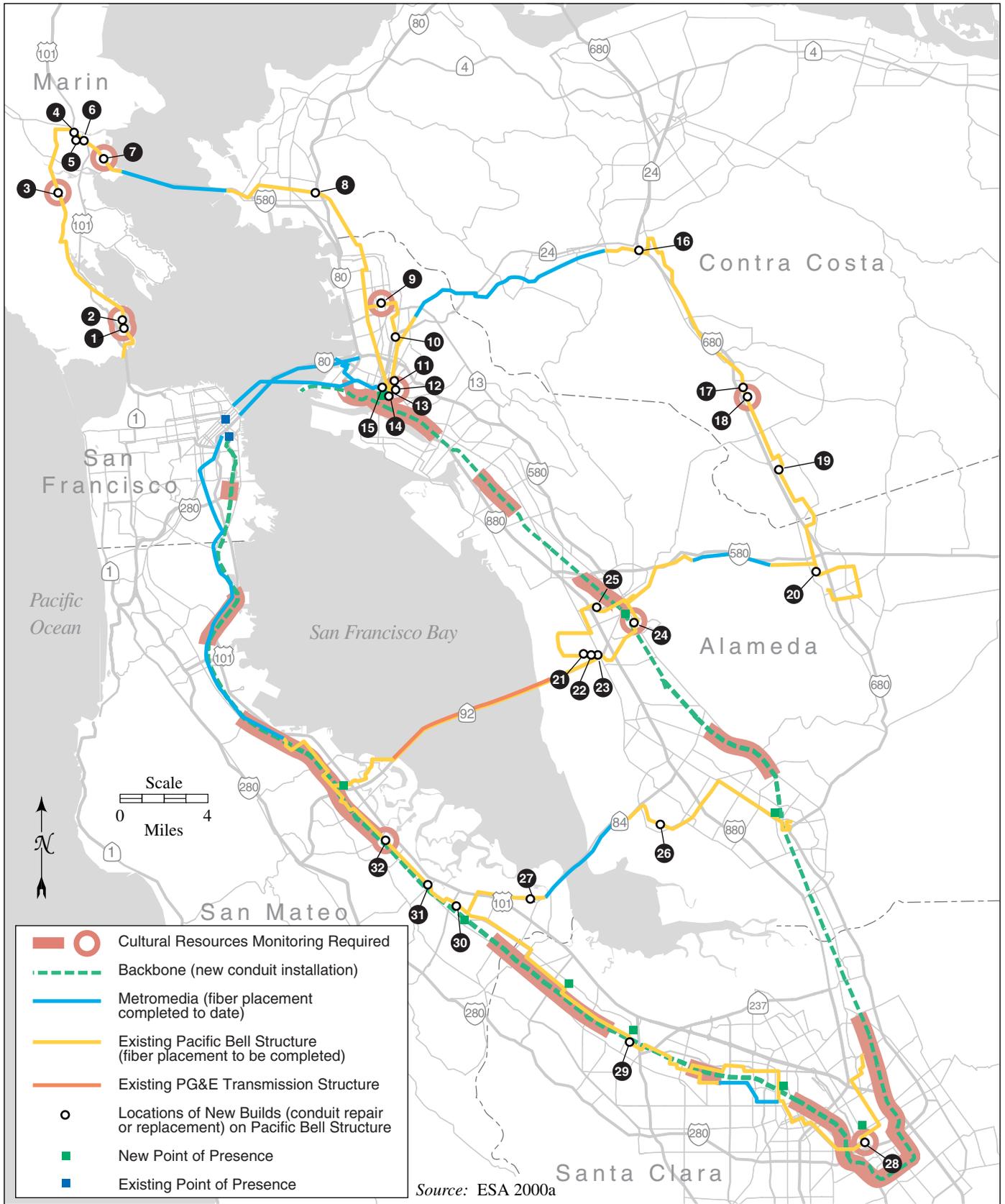


Figure 6.5-1. Overview of Cultural Resources Monitoring Locations in the San Francisco Bay Area Network

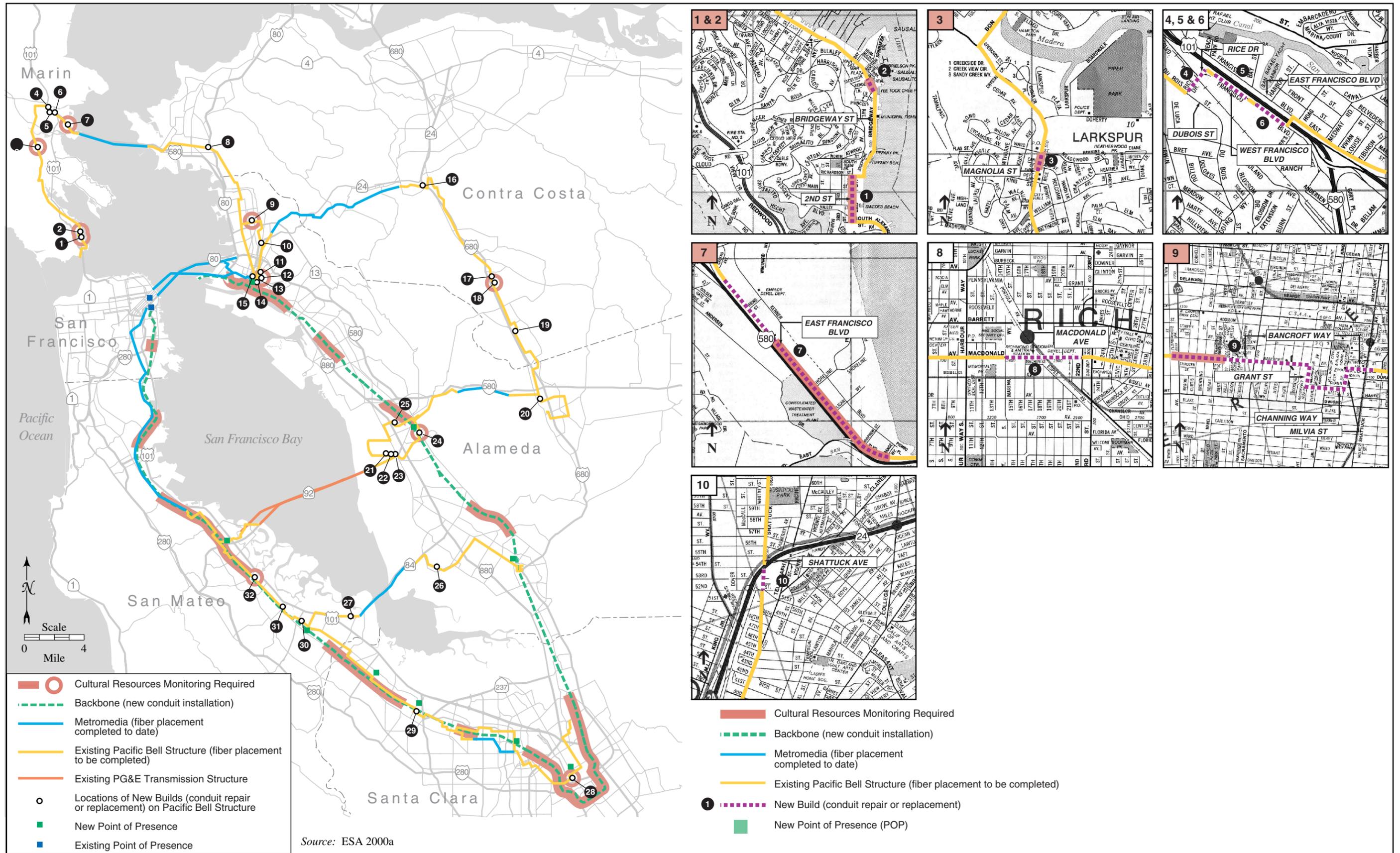


Figure 6.5-2a. Detail Map of the Cultural Resources Monitoring Locations in the San Francisco Bay Area Network Pacific Bell Structure New Builds

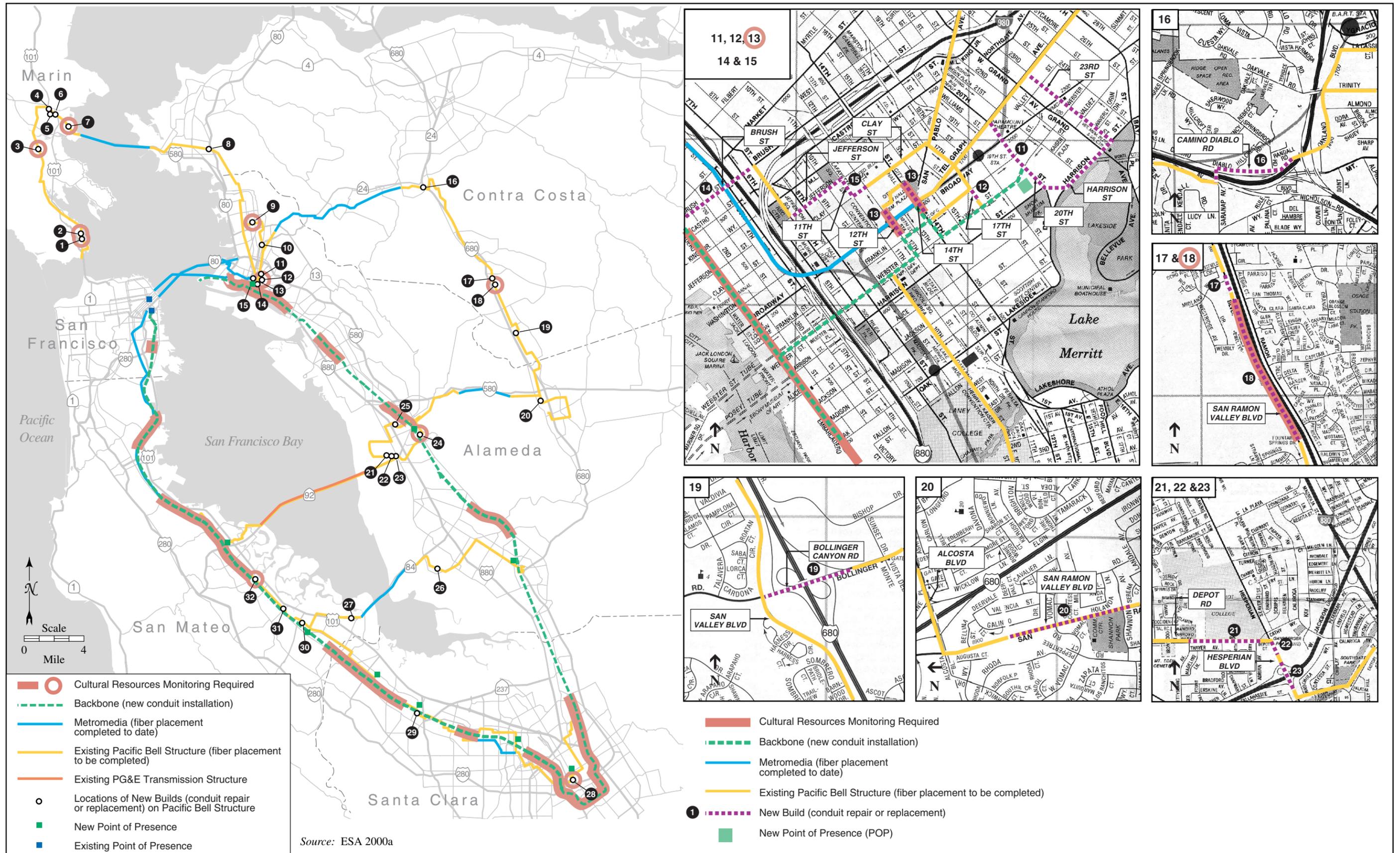


Figure 6.5-2b. Detail Map of the Cultural Resources Monitoring Locations in the San Francisco Bay Area Network Pacific Bell Structure New Builds

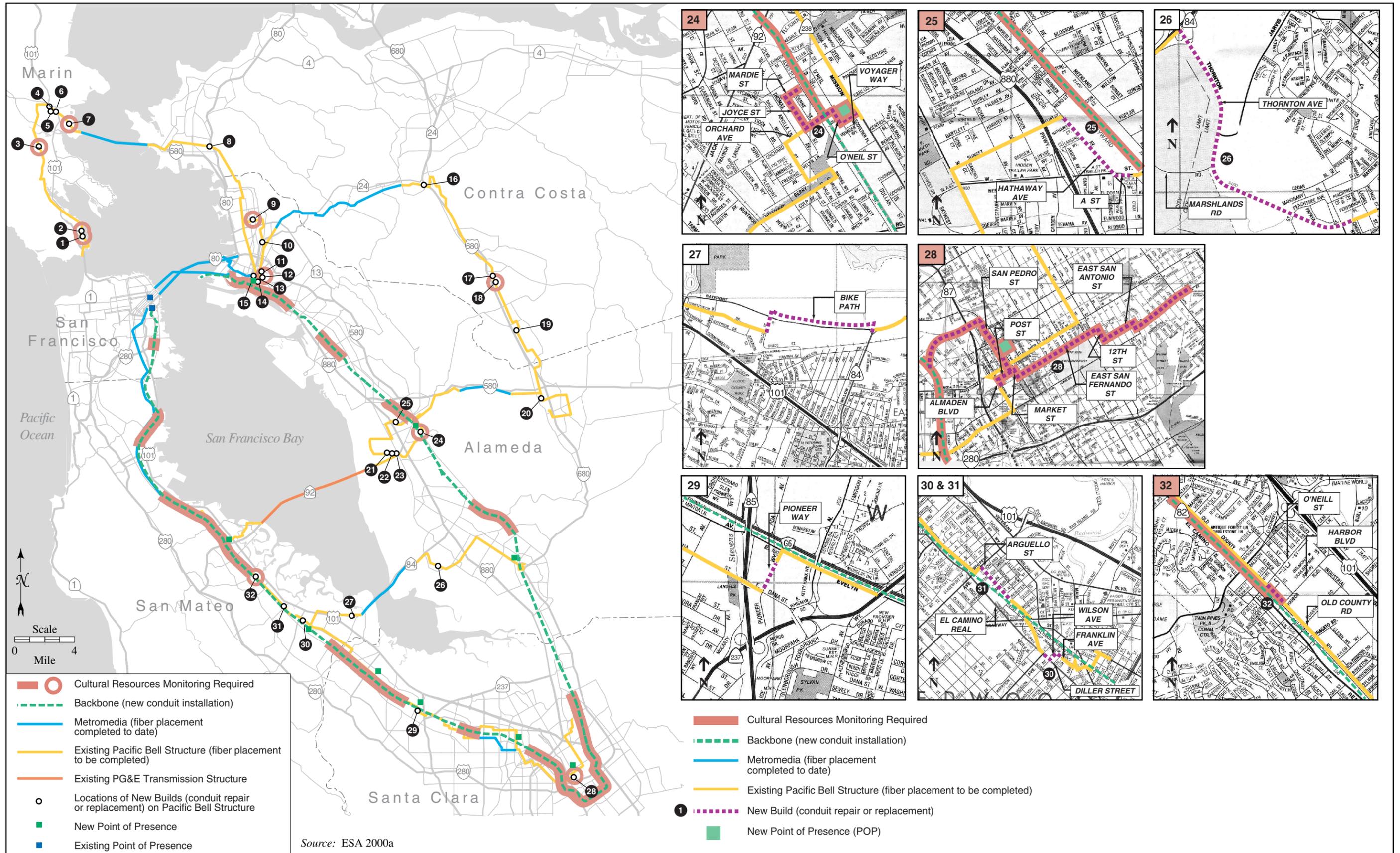


Figure 6.5-2c. Detail Map of the Cultural Resources Monitoring Locations in the San Francisco Bay Area Network Pacific Bell Structure New Builds

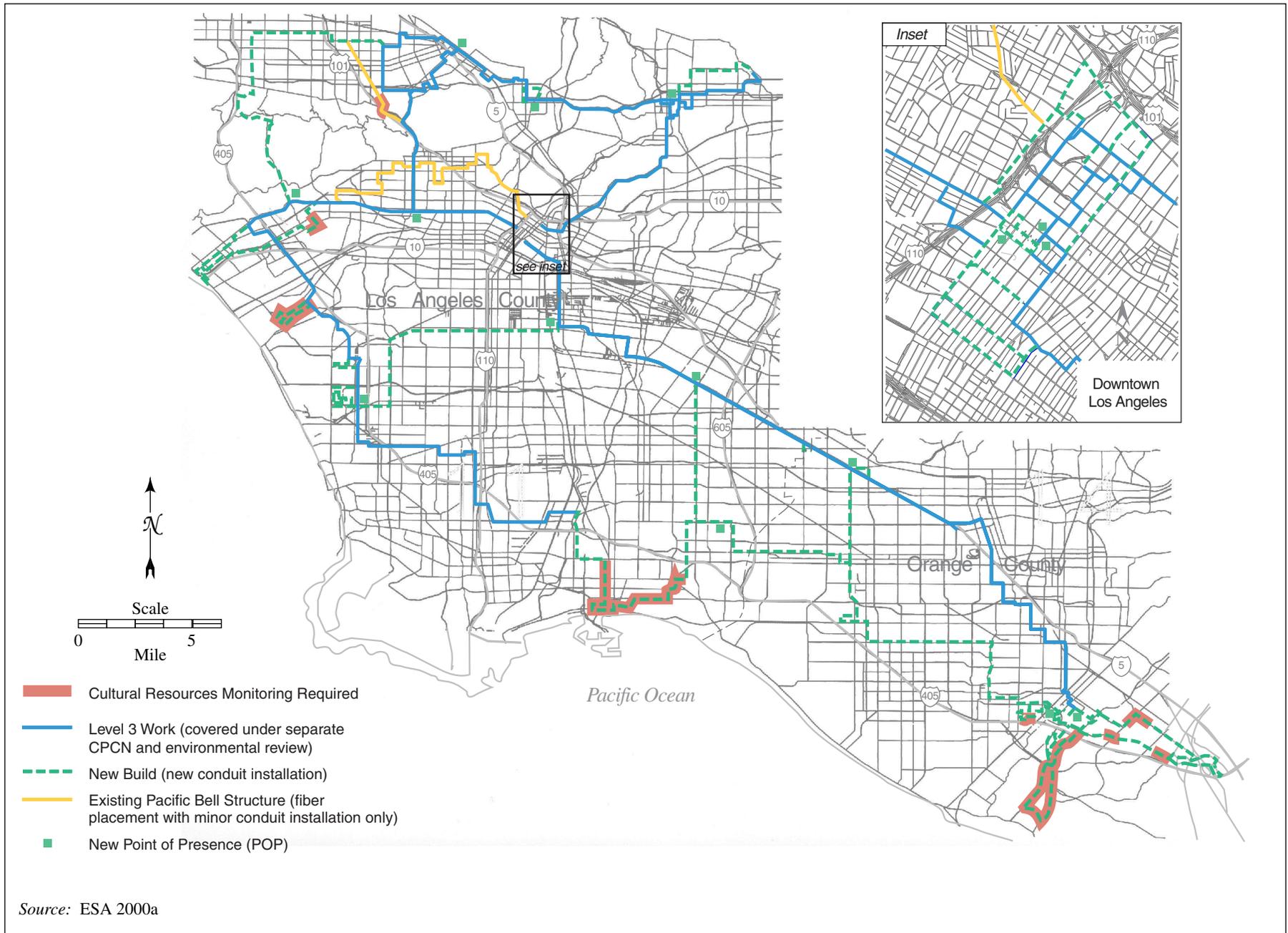


Figure 6.5-3. Overview of Cultural Resources Monitoring Locations in the Los Angeles Basin Network

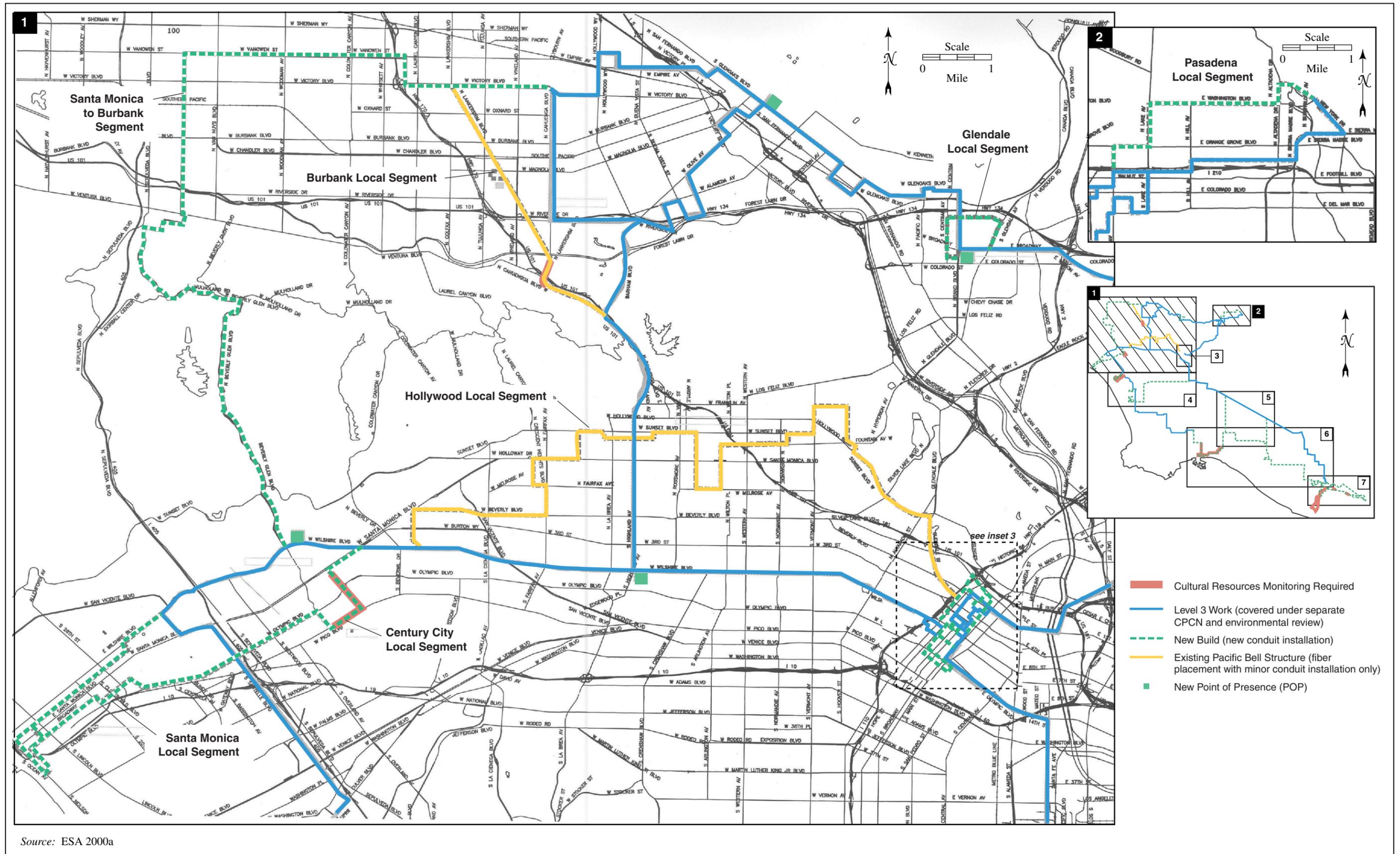


Figure 6.5-4a. Detail Map of Cultural Resources Monitoring Locations in the Los Angeles Basin Network

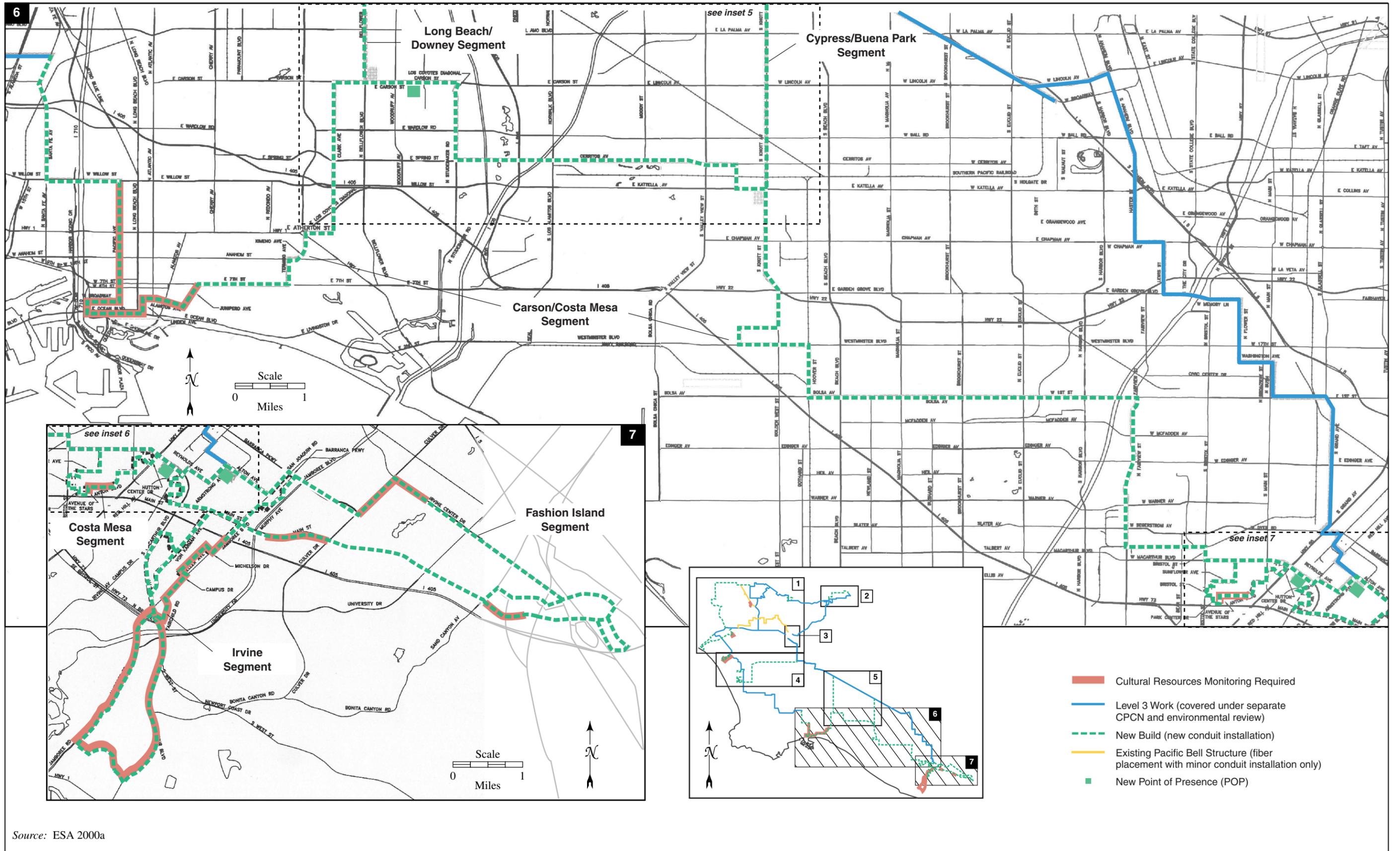


Figure 6.5-4c. Detail Map of Cultural Resources Monitoring Locations in the Los Angeles Basin Network

1 Secretary of the Interior’s proposed Historic Preservation Professional Qualification Standards as
2 published in the *Federal Register* (U.S. Department of the Interior 1997).

3 At least 10 days prior to any replacement of the designated cultural resources specialist,
4 Metromedia shall obtain the CPUC approval of the replacement specialist by submitting to the
5 CPUC the name and qualifications of the proposed new designated cultural resources specialist.

6 **Mitigation Measure CR-1b.** Determine boundaries of known cultural resources. At least 30 days
7 prior to the start of project-related vegetation clearance; ground disturbance and grading; site or
8 project mobilization; site preparation or excavation activities; implementation of erosion control
9 measures; or the movement or parking of heavy equipment or other vehicles onto or over the
10 project surface, the cultural resources specialist shall conduct subsurface archaeological surveys to
11 determine the boundaries of any cultural resource known to be located within 100 feet of any
12 project component (note: boundary definition shall be limited to unpaved portions of the project
13 ROW). If the boundary of any resource is found to be within the project area, the cultural resource
14 specialist will submit to the CPUC a plan to avoid each such resource or to evaluate it through
15 archaeological test excavations. This plan must be submitted to the CPUC at least 30 days prior to
16 the start of any planned project-related activity that could affect the resource. If resources cannot
17 be avoided, Mitigation Measure CR-1c shall be implemented.

18 **Mitigation Measure CR-1c.** Evaluate resources for California Register of Historical Resources
19 eligibility; avoid or conduct data recovery/monitor construction. Resources that can’t be avoided
20 must be evaluated for their eligibility for listing on the California Register of Historical Resources.
21 The cultural resources specialist must ensure that evaluations are supervised by individuals
22 meeting the Secretary of the Interior’s proposed Historic Preservation Professional Qualification
23 Standards (U.S. Department of the Interior 1997) for each particular resource type. An evaluation
24 report must be submitted to the CPUC and the California Historical Resources Information
25 System.

26 For resources that the CPUC determines to be significant, the cultural resources specialist will
27 prepare a resource-specific Data Recovery Plan to mitigate any significant project-related effects.
28 Upon approval of this plan by the CPUC, mitigation measures will be implemented prior to any
29 project activities occurring within 100 feet of the resource’s boundary.

30 For extant historical resources, mitigation will probably include documentation by way of historic
31 narrative, photographs, or architectural drawings. If such documentation is to occur, it must
32 conform to the standards of the Historic American Building Survey or Historic American
33 Engineering Record. If maintenance, repair, stabilization, rehabilitation, restoration, preservation,
34 conservation, or reconstruction of the resource is conducted to the Secretary of the Interior’s
35 Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating,
36 Restoring, and Reconstructing Historic Buildings, and such treatment is verified in a report to the
37 CPUC by a historical architect meeting the Secretary of the Interior’s proposed Historic
38 Preservation Professional Qualification Standards (U.S. Department of the Interior 1997),
39 mitigation of the impact to the resource will be considered complete.

40 **Impact CR-2:** The project may cause substantial adverse changes to the significance of currently
41 unknown cultural resources. The project crosses areas known to have high potential for cultural
42 resources and some of these may not currently be known. This would include structures, such as

1 culverts and other features associated with the historic railroads, as well as sites. Pedestrian
2 surface survey as a method to identify cultural resources is not effective when the original ground
3 surface is not exposed, is obscured by vegetation, or has been covered by natural or cultural fill.
4 Trenching or boring through these resources, if significant, would cause an adverse change to their
5 significance. Additionally, the final locations of all the POPs have not been determined. The
6 installation of a POP in a historic architectural resource may cause an adverse change to the
7 resource's significance. With the implementation of the following mitigation measures, these
8 impacts will be reduced to a less-than-significant level.

9 **Mitigation Measure CR-2a:** Conduct archaeological monitoring during ground disturbing project
10 activities. Ground disturbing activities include, at a minimum, trenching and boring. Monitoring
11 is required within 500 feet of the boundaries of known cultural resources (including extant
12 architectural features), within 1,000 feet of the locations of both modern and historic stream
13 crossing, and along historic railroads. Monitors must have a minimum of a bachelor's degree in
14 anthropology or archaeology and 2 years of professional experience. Monitors will be under the
15 supervision of the cultural resources specialist.

16 If cultural resources are located during monitoring, monitors will immediately halt construction
17 within 250 feet of the find and notify the cultural resources specialist. The cultural resources
18 specialist will inspect the find. The cultural resources specialist will implement Mitigation
19 Measure CR-1b. If the resource contains or has the potential to contain human remains, the
20 cultural resources specialist also will implement Mitigation Measure CR-4b.

21 **Mitigation Measure CR-2b:** Evaluation of POP locations. When the specific locations for all the
22 POPs have been selected, the cultural resources specialist will inspect the location. If the structure
23 was constructed prior to 1952, the cultural resources specialist will have a architectural historian
24 meeting the Secretary of the Interior's proposed Historic Preservation Professional Qualification
25 Standards (U.S. Department of the Interior 1997), document and evaluate the structure.
26 Documentation will, at a minimum, include the preparation and submittal of California
27 Department of Parks and Recreation Form 523. If the structure cannot be avoided, the cultural
28 resources specialist will implement Mitigation Measure CR-1c.

29 *b. Would the proposed project cause a substantial adverse change in the significance of a unique
30 archaeological resource pursuant to §15064.5?*

31 No resources are known from the project area that meet the criteria of a unique archaeological
32 resource pursuant to §15064.5. All known archaeological resources meet the criteria of historical
33 resources.

34 *c. Would the proposed project directly or indirectly destroy a unique paleontological resource or site or
35 unique geologic feature?*

36 **Impact CR-3:** Potential disturbance of unique paleontological resources during construction.
37 Installation of the San Francisco Bay Area Network would involve shallow excavations primarily
38 in pre-disturbed soils within city streets. Some street crossings and waterway crossings would
39 require boring to greater depths. Since significant fossil discoveries are made even in areas
40 designated as low potential, excavation activities for the San Francisco Bay Area Network could
41 possibly unearth significant paleontological resources throughout the proposed alignments. This

1 impact is a significant impact but can be reduced to a less-than-significant level with the
2 implementation of the following mitigation measures.

3 **Mitigation Measure CR-3:** Notify a paleontologist of unanticipated discoveries and document as
4 needed. In the event of an unanticipated discovery of vertebrate fossil remains during
5 construction, subsurface excavations in the vicinity of the find shall be temporarily diverted or
6 halted until the resource is inspected by a qualified vertebrate paleontologist. The paleontologist
7 shall notify appropriate agencies to determine procedures that would be followed before
8 construction is allowed to resume at the location of the find. Significant fossils will be salvaged
9 through a program of excavation, analysis, and documentation. Fossil remains collected during
10 this salvage program shall be cleaned, sorted, catalogued and then deposited in a public, nonprofit
11 institution with research interests in the materials.

12 *d. Would the proposed project disturb any human remains, including those interred outside of formal*
13 *cemeteries?*

14 **Impact CR-4:** Human remains may be disturbed, damaged, or destroyed by trenching and boring
15 through cultural deposits. Trenching, boring, or other subsurface excavation could disturb or
16 destroy human remains from both prehistoric and historic time periods. This impact is a
17 significant impact but can be reduced to a less-than-significant level with the implementation of
18 the following mitigation measure.

19 **Mitigation Measure CR-4a:** Call the county coroner. If human remains are found at any time
20 during project-related vegetation clearance; ground disturbance and grading; site or project
21 mobilization; site preparation or excavation activities; implementation of erosion control measures;
22 or the movement or parking of heavy equipment or other vehicles onto or over the project surface,
23 all work will immediately stop within 250 feet of the find. The cultural resources specialists will be
24 notified immediately and will, in turn, immediately notify the county coroner for the appropriate
25 county in compliance with Section 7050.5 of the California Health and Safety Code. Upon the
26 completion of compliance with all relevant sections of the California Health and Safety Code, the
27 cultural resources specialist will implement Mitigation Measure CR-1c.

28 **Mitigation Measure CR-4b:** Conduct Native American Monitoring. During project-related
29 vegetation clearance; ground disturbance and grading; site or project mobilization; site preparation
30 or excavation activities; implementation of erosion control measures; or the movement or parking
31 of heavy equipment or other vehicles onto or over the project surface, within 500 feet of the
32 boundary of known prehistoric resources and within 500 feet of the locations of modern and
33 historic streams, a Native American representative is required in addition to an archaeological
34 monitor. In Marin County, the Native American monitor will be a representative of the Coast
35 Miwok; in other Bay Area counties the monitor will be a representative of the Ohlone. If the
36 cultural resources specialist determines that historic period resources have the potential to contain
37 human remains, the specialist will determine the most appropriate cultural group from which to
38 select a monitor. Monitoring by the cultural group representative is required within 500 feet of
39 such sites. If any human remains are located, the monitors will implement Mitigation Measure
40 CR-4a.

Table 6.5-1. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia's San Francisco Bay Area Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Peninsula North	CA-SFA-15; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-234; Prehistoric; shell and lithic scatter	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-92; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-40; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North within 50 feet	PN-1H; Historic; trash dump	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Peninsula North within 50 feet	CA-SMA-343H; Historic; trash dump	Avoid/Not in direct impact area
Peninsula North within 50 feet	CA-SMA-172H; Historic; Southern Pacific Railroad station, 1907, Colonial Revival	Avoid/Not in direct impact area
Peninsula North	CA-SMA-74; Prehistoric; shell and lithic scatter	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-300; Prehistoric; midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-102; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North within 50 feet	CA-SMA-316; Prehistoric; shell midden (C-791; shell-mound, possible burials, bones found)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Peninsula North 00 feet (project crosses resource)	CA-SMA-317; Prehistoric; shell midden, lithics (C-789/790 shellmound)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Peninsula North	CA-SMA-335/H; Prehistoric and Historic; shell midden and structures ca. 1900	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North 00 feet (project crosses resource)	CA-SMA-4; Prehistoric; occupation site (C-765; shell-mound, possible burials)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Peninsula North	CA-SMA-232; Prehistoric; shell midden (C-762?; shell-mound, occupation site, possible burials, bones found)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North 00 feet (project crosses resource)	CA-SMA-233; Prehistoric; shell midden (C-766?; shell-mound, occupation site, possible burials)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Peninsula North	CA-SMA-318; Prehistoric; shell midden (C-768; shell-mound, no artifacts reported)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery

Table 6.5-1. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s San Francisco Bay Area Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Peninsula North	CA-SMA-309; Prehistoric; shell midden (C-767; shell-mound with stone tools)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	C-769; Prehistoric shell-mound, occupation site, possible burials	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	C-335H (on map, no card)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-150; Prehistoric; shell midden, some lithics	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SMA-187H; Historic; “Lathrop House”, 1863, moved to site 1905, Colonial-Gothic. Listed on National Register	Avoid/Not in direct impact area
Peninsula South	CA-SMA-174H; Historic; County Courthouse, 1910, Roman-Renaissance. Listed on National Register	Avoid/Not in direct impact area
Peninsula South within 50 feet	CA-SMA-169H; Historic; Menlo Park Railroad station, 1867, Victorian. Listed on National Register	Avoid/Not in direct impact area
Peninsula South	CA-SCL-4-I; Prehistoric; lithic material	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-382H (on map, no site form)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-433 “unidentified cultural resource”	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-556H; Historic; residential structures, “The Professorville Historic District”. Listed on National Register.	Avoid/Not in direct impact area
Peninsula South	CA-SCL-622; Prehistoric; midden, possible occupation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-624; Prehistoric; midden, possible occupation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-707; Prehistoric; midden, possible occupation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-600; Prehistoric; midden & lithic scatter, probable habitation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-1; Prehistoric; occupation and burial site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South within 50 feet	CA-SCL-22; Prehistoric (no site record on file)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery

Table 6.5-1. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s San Francisco Bay Area Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Peninsula South	CA-SCL-413; Prehistoric; burial and shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-1280; Prehistoric; burial site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-163 “Sunnyvale girl”	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-8; Prehistoric; occupation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-30/H; Prehistoric; occupation site beneath railroad station water towers	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-1294H; Historic; vehicular bridge, dated ca.1920	Avoid/Not in direct impact area
Peninsula South	CA-SCL-706; Prehistoric; shell artifacts including beads	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South 00 feet (project crosses resource)	C-1293H; Historic; SPRR trestle, dated 1917	Avoided by Directional Bore/Not in direct impact area
Peninsula South	CA-SCL-690; Prehistoric; burial site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-1; Prehistoric; burial site, found 1980 (left in place)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula South	C-1292H; Historic; WPRP trestle, rails dated 1950	Avoid/Not in direct impact area
Peninsula South	C-1295H; Historic; foot bridge, dated 1932, moved in 1956	Avoid/Not in direct impact area
East Bay North	CA-ALA-17; Prehistoric; habitation site; burials removed in 1876; (“site already nearly destroyed”)	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay North	CA-ALA-314; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay North	CA-ALA-315; Prehistoric	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay North within 100 feet	CA-ALA-321; Prehistoric (no site record available)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
East Bay North	CA-ALA-52; Prehistoric, occupation site, with burial	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay North	CA-ALA-20; Prehistoric, midden and artifacts, burial found 1950	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay North within 100 feet	CA-ALA-506; Prehistoric; isolated burial with artifacts	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction

Table 6.5-1. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s San Francisco Bay Area Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
East Bay North	CA-ALA-504H; Historic; trash deposit ca.1900-1920	Avoid/Not in direct impact area
East Bay North	C-448; Prehistoric; occupation site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay South	CA-ALA-48; Prehistoric; habitation site, burial found around 1950	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay South	C-1414; Prehistoric; midden, moved from original location	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay South	CA-SCL-705; Prehistoric; burial site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay South	CA-SCL-627; Prehistoric; seasonal habitation site with burials	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
East Bay South within 100 feet	CA-SCL-438H; Historic; trash deposit	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
East Bay South 00 feet (project crosses resource)	CA-SCL-4; Prehistoric; occupation and burial site	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Pacific Bell, Marin Segment (Sausalito), within 50 feet	CA-MRN-1; Prehistoric shell midden	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Pacific Bell Repair, Marin Segment (Sausalito)	CA-MRN-2; Prehistoric, shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Marin Segment (Larkspur)	CA-MRN-67; Prehistoric shell mound, burial site	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Marin Segment (San Rafael)	CA-MRN-79; Prehistoric shell mound	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Marin Segment (San Rafael)	CA-MRN-603; Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Marin Segment (Berkeley)	CA-ALA-390; Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Oakland Segment within 100 feet	CA-ALA-22; Prehistoric; habitation site; burial removed in 1928 (“beneath city building”)	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction

Table 6.5-1. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia's San Francisco Bay Area Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Pacific Bell Repair, Dumbarton Crossing Segment (Newark) 00 feet (project crosses resource)	CA-ALA-503H; Historic; Leslie Salt Co. (1919-1963), Plant One; Arden Salt Works	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Dumbarton Crossing Segment (Menlo Park)	C-155; Prehistoric shell midden	Avoid/Not in direct impact area
Pacific Bell Repair, Dumbarton Crossing Segment (Newark)	CA-ALA-332 (on map, no site form)	Avoid/Not in direct impact area
Pacific Bell Repair, Walnut Creek Segment (San Ramon Valley)	CA-CCO-365; Prehistoric midden	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-128; Prehistoric; occupation site deposit with stone tools and food refuse.	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-419; Prehistoric deposit with stone tools	Monitor/Evaluate Discoveries/Avoid or Conduct Data Recovery
Pacific Bell Repair, Peninsula Segment within 50 feet	CA-SCL-39H; Historic; trash deposit	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 feet	CA-SCL-331H; Historic; Government Commercial Building dating from Civil War Period.	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose) within 50 feet	CA-SCL-363H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 feet	CA-SCL-376H; Historic; Old Post Office, Romanesque style building erected 1892-1895. National Register Listed and a State Historical Landmark	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-377H; Historic; First Unitarian Church of San Jose. National Register Listed and a State Historical Landmark	Avoid/Not in direct impact area

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<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Pacific Bell Repair, POP Peninsula Segment (San Jose) within 100 feet of repair work	CA-SCL-390H; Historic; Peralta Adobe. Oldest structure in San Jose (1804). a State Historical Landmark	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 feet	CA-SCL-392H; Historic; St. Joseph's Roman Catholic Church of San Jose (built 1875-1885. National Register Listed and a State Historical Landmark	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-443H; Historic; Hotel Saint Clair, San Jose. National Register Listed	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-461H; Historic; De Anza Hotel Building (built in the 1930s), San Jose. National Register Listed	Avoid/Not in direct impact area
Pacific Bell Repair, POP, Peninsula Segment (San Jose)	CA-SCL-466H; Historic; St James Square/St James Park, San Jose. National Register Listed	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-471H; Historic; Italianate commercial building. National Register Listed	Avoid/Not in direct impact area
Pacific Bell Repair, Peninsula Segment (San Jose) within 50 feet	CA-SCL-570H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.	Define Subsurface Boundary/Avoid or Evaluate/Conduct Data Recovery if Significant and Monitor Construction
<i>Source: Modified from ESA 2000a; Mooney & Associates 2000.</i>		

1 **6.5.4.2 Los Angeles Basin Network**

2 Table 6.5-2 summarizes the archaeological and historical site types, their location, and mitigation to
3 avoid significant impacts within the Los Angeles Basin Network. These data are based on the
4 project's cultural resource inventory report (Mooney & Associates 2000), as updated (T. Cooley,
5 personal communication).

6 a. *Would the proposed project cause a substantial adverse change in the significance of a historical*
7 *resource?*

8 **Impact CR-1:** The project could cause substantial adverse changes to the significance of known
9 cultural resources.

10 **Mitigation Measures:** Mitigation measures CR-1a through CR-1c (see section 6.5.4.1 above) apply.

11 **Impact CR-2:** The project may cause substantial adverse changes to the significance of currently
12 unknown cultural resources.

6.5 Cultural Resources

1 **Mitigation Measures:** Mitigation measures CR-2a and CR-2b (see section 6.5.4.1 above) apply.

2 *b. Would the proposed project cause a substantial adverse change in the significance of a unique*
3 *archaeological resource pursuant to §15064.5?*

4 No resources are known from the project area that meet the criteria of a unique archaeological
5 resource pursuant to §15064.5. All known archaeological resources meet the criteria of historical
6 resources.

7 *c. Would the proposed project directly or indirectly destroy a unique paleontological resource or site or*
8 *unique geologic feature?*

9 **Impact CR-3:** Potential disturbance of unique paleontological resources during construction.

10 **Mitigation Measure:** Mitigation measure CR-3 (see section 6.5.4.1 above) applies.

11 *d. Would the proposed project disturb any human remains, including those interred outside of formal*
12 *cemeteries?*

13 **Impact CR-4:** Human remains may be disturbed, damaged, or destroyed by trenching and boring
14 through cultural deposits. Trenching, boring, or other subsurface excavation could disturb or
15 destroy human remains from both prehistoric and historic time periods.

16 **Mitigation Measures:** Mitigation measures CR-4a and CR-4b (see section 6.5.4.1 above) apply.

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Century City Local Segment within 100 feet	CA-LAN-2479H; Historic; trash and construction debris; 20 th Cent. Fox Film Corp. Studios	Monitor/Evaluate Discoveries /Avoid
Century City Local Segment	CA-LAN-382; Prehistoric; occupation site with burial	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Century City Local Segment	CA-LAN-1063; Prehistoric; occupation site	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Century City Local Segment	CA-LAN-2392H; Historic; trash dump	Avoid/Not in direct impact area
Costa Mesa Local Segment within 100 feet	CA-ORA-1515; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-115A&B; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-195; Prehistoric; shell midden, occupation site	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-57(77); Prehistoric; shell midden with lithics	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-116; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-121; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-287; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Burbank Local Segment within 100 feet	CA-LAN-1945H; Historic; Feliz Adobe; “native village of Cahuenga” should be in vicinity. State Landmark Status	Avoid/may be in direct impact area
Burbank Local Segment within 100 feet	CA-LAN-2394H; Historic; trash dump	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Marina Del Rey Local Segment within 100 feet	CA-LAN-54; Prehistoric; probable occupation site	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Marina Del Rey Local Segment within 100 feet	CA-LAN-356; Prehistoric; shell midden with unidentified bone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Marina Del Rey Local Segment 00 feet (project crosses resource)	CA-LAN-1698; Prehistoric; shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Marina Del Rey Local Segment	CA-LAN-47; Prehistoric; shell midden; occupation site with burials	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-56 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-137 Prehistoric shell midden, lithic scatter, tools, points, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-138 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 50 feet	CA-ORA-206 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-1117 Prehistoric shell midden, lithic scatter and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment within 100 feet	CA-ORA-1461 Prehistoric shell midden, lithic scatter, burial	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-52 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-54 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-55 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-64 Prehistoric shell and lithic scatter, groundstone, tools	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-92 Prehistoric shell midden and lithic scatter and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-100 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia's Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Irvine Local Segment	CA-ORA-102 Prehistoric shell midden and groundstone, village site	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-116 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-136 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-140 Prehistoric tool/knife. Surface layer of midden has been scraped away.	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-141 Prehistoric shell midden, lithic scatter. Site is destroyed.	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-150 Prehistoric shell midden, lithic scatter, tools, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-151 Prehistoric shell midden, lithic scatter, tools, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-152 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-153 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-154 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-155 Prehistoric shell midden, groundstone, tools	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-154 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-155 Prehistoric shell midden, groundstone, tools	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-192 Prehistoric shell midden and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-139 Prehistoric shell and flake scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia's Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Irvine Local Segment	CA-ORA-167 Prehistoric shell midden, scraper, lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-176 Prehistoric lithic waste and tool scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-199 Prehistoric tools and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-200 Prehistoric shell scatter, tools, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-201 Prehistoric shell midden and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-204 Prehistoric lithic scatter, hearth, groundstone, scraper	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-205 Prehistoric shell and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-207 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-208 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-209 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-214 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-215 Prehistoric shell midden, lithic scatter, tool, and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-216 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-480 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-485 Prehistoric groundstone, tools, lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia's Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Irvine Local Segment	CA-ORA-515 Prehistoric No description	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-518 Prehistoric shell scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-574 Lithic scatter, exotic material	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1120 Prehistoric shell midden, lithic scatter, tools, and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1158 Prehistoric lithic scatter, and tools	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1339 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1340 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1341 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-1358 Prehistoric shell midden, lithic scatter, scraper and groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Fashion Island Local Segment within 50ft	CA-ORA-373 Prehistoric lithic scatter, tools, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Fashion Island Local Segment within 100ft	CA-ORA-391 Prehistoric lithic scatter, tools, groundstone	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Fashion Island Local Segment within 50ft	CA-ORA-508 Prehistoric lithic scatter, tools, groundstone, shell	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Fashion Island Local Segment	CA-ORA-341 Prehistoric tools, shell, and one point	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Fashion Island Local Segment	CA-ORA-543 Prehistoric lithic scatter and tools	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Carson to Costa Mesa within 50 feet	CA-LAN-694 Prehistoric lithic scatter, many artifacts previously noted in this location	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery

6.5 Cultural Resources

Table 6.5-2. Sensitive and Protected Resources Potentially Affected by Construction of Metromedia’s Los Angeles Basin Network as Identified during Record Search, Field Survey, and Site Visits

<i>Location</i>	<i>Description</i>	<i>Mitigation</i>
Carson to Costa Mesa	CA-LAN-695 Prehistoric shell midden	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Carson to Costa Mesa	CA-LAN-698 Prehistoric shell and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Carson to Costa Mesa	CA-LAN-699 Prehistoric shell and lithic scatter	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
Carson to Costa Mesa	CA-LAN-2660 Historic trash deposit, glass, window glass, china, ironstone and rusty metal	Monitor/Evaluate Discoveries/Avoid or conduct Data Recovery
<i>Source: ESA 2000a; Mooney & Associates 2000.</i>		

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