

March 2012

Figure 5-3: Survey Coverage Map—Division 20 Facility (Map 3 of 3)

5.6 Archaeological Sensitivity and Potential for Buried Resources

5.6.1 Locally Preferred Alternative (LPA)

A predictive model feasibility study of the potential for the presence of undocumented prehistoric and historic-era resources was developed in 2009 for the Alternatives analysis and presented in the prior report (URS 2010:4-19–4-21, Appendix C). For predicting the potential for historic-era resources, the build date of the buildings located on each parcel along the Alternatives alignments was entered into a geographical information system (GIS) database and then organized the density data into five classes of relative potential ranging from low to high. A similar predictive model for prehistoric resources was not generated in 2009 because of insufficient data, mainly due to a lack of documented prehistoric archaeological sites and early urbanization of the study area prohibiting reconstruction of former ecotone boundaries and the local stream network.

Although the strength of the resultant predictive model cannot be statistically quantified, it is considered a useful tool and is used below to assess the sensitivity along the refined LPA alignment of the potential for discovery of subsurface historic-era archaeological materials, features or deposits.

In addition to the GIS-based model, the development during the American period of the cities, commercial corridors, and medical and educational campuses along the LPA, plus the structural built dates on sidewalk stamps are used to estimate the level of subsurface disturbance and the potential for buried archaeological deposits within the LPA APE. This latter method was also employed in the prior report for the Alternatives analysis (URS 2010:4.4.1.2, Figures 4-4 through 4-12).

5.6.2 Other Components of the LPA

Since it was based on the build date of buildings, the GIS-based predictive model developed in 2009 for the Alternatives analysis does not encompass the Division 20 maintenance yard (URS 2010:Appendix C). This large industrial facility has railroad tracks and railroad-use and maintenance related structures, but few buildings, some of which are modern.

Methods used here for an assessment of the sensitivity for the discovery of historic-era archaeological sites during ground disturbance for planned improvements in the yard include the presence of known archaeological resources and the local history during the American period. The yard is adjacent to the Los Angeles River at the former eastern extent of the Little Tokyo Historic District, it is the location of a railroad station in operation before its replacement in 1893 by the La Grande Railroad Station, and it is crossed by three bridge viaducts built between 1929 and 1932.



6.0 AFFECTED ENVIRONMENT

6.1 Natural and Cultural Setting

The natural and cultural setting is briefly summarized below for this supplemental report. The context is presented in full in the prior Cultural Resources Technical Report (URS 2010:4-10-4-18) prepared in support of the Draft EIS/EIR.

The project area is situated on a broad, flat plain within the Los Angeles Basin between the Peninsular and Transverse ranges. Prehistoric occupation in Los Angeles County is generally divided into four temporal periods subsequent to approximately 12,000 years ago: Paleoindian, Milling Stone, Intermediate, and Late Prehistoric. At the time of historic contact, the study area was occupied by the Tongva/Gabrieleno, one of the most distinctive tribes in all of California (Bean and Smith 1978).

The earliest explorations in this region by non-natives occurred in the mid-16th century during the Spanish Colonial period. The San Gabriel de Arcángel mission was established by the Spaniards and two Franciscan friars in 1771; the Los Angeles pueblo was founded ten years later. Mexico controlled California between 1821 and 1848, awarding lands grants in the state's interior and opening up the region to American trappers. In 1850, two years after Mexico relinquished California to the United States, California became a state, Los Angeles was created as a county, and Los Angeles was incorporated as a city.

6.2 Summary of Archaeological Resources

This section includes information on archaeological resources based on the records searches, field survey results, and other information.

The companion Historic Properties Supplemental Survey Report (Cogstone 2012), also prepared in support of the Final EIS/EIR, discusses the built environment resources within the Architectural APE for the LPA.

6.2.1 Previously Conducted Cultural Resources Investigations

The SCCIC records search identified 128 previously conducted cultural resources investigations within a quarter-mile search radius of the APE (Table 6-1). Forty-nine (49) of these investigations are within or immediately adjacent to the APE.

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Ultra Systems. Report Missing. A one acre survey with no sites recorded.	1979	LAN-0563	Beverly Hills	APE
Padon, Beth. An Archaeological Assessment of Lots 1 and 32 on the UCLA Campus, Los Angeles County, CA. On file at SCCIC.	1982	LAN-1139	Beverly Hills	APE
Padon, Beth. An Archaeological Assessment of a Portion of the Long Range Development Plan 1982-83 of the UCLA Campus, Los Angeles County, CA. On file at SCCIC.	1982	LAN-1161	Beverly Hills	¼-mile
Wessel Richard. Letter Report: Survey of Tract 34961, 2.239 acres at 602 Masselin Avenue, Wilshire. On file at SCCIC.	1984	LAN-1330	Hollywood	¼-mile
Westec Services, Inc. Technical Report Archaeological Resources Los Angeles Rail Rapid Transit Project “Metro Rail”. On file at SCCIC.	1983	LAN-1578	Hollywood	APE
Michael Brandman Associates. Park La Brea EIR No. 88-347-2C (GPA) State Clearinghouse No. 88080307. On file at SCCIC.	1989	LAN-1932	Hollywood	¼-mile
Bissell, Ronald. Cultural Resources Literature Review of Metro Rail Red Line Western Extension Alternatives, Los Angeles, Los Angeles County, CA. On file at SCCIC.	1989	LAN-1968	Beverly Hills	¼-mile
Greenwood, Roberta. Technical Report—Archaeology for the Fox Studios Environmental Impact Report. On file at SCCIC.	1990	LAN-2200	Beverly Hills	¼-mile
Salls, Roy. The La Brea Cogged Stone. On file at SCCIC.	1978	LAN-2331	Hollywood	¼-mile
Salls, Roy. The La Brea Atlatl Foreshafts: Inferences for the Millingstone Horizon. On file at SCCIC.	1986	LAN-2360	Hollywood	¼-mile
Wlodarski, Robert J. Results of a Record Search Phase Conducted for the Proposed Alameda Corridor Project, Los Angeles County, California. On file at SCCIC.	1992	LAN-2577	Los Angeles	¼-mile
Wlodarski, Robert J. The Results of a Phase I Archaeological Study for the Proposed Alameda Transportation Corridor Project, Los Angeles County, California. On file at SCCIC.	1992	LAN-2644	Los Angeles	¼-mile
Farnsworth, Laurie, et. al. The Shinen’Kan Site: Excavations at the Historic Hancock Ranch House. On file at SCCIC.	1992	LAN-2737	Hollywood	¼-mile
Michael Brandman Associates. Park La Brea Supplemental Draft EIR No. 88-347-ZC (GPA) (SUB) (CUB) State Clearinghouse No. 88080307. On file at SCCIC.	1991	LAN-2881	Hollywood	APE
Anonymous. Draft Stage I Environmental Site Assessment Eastside Extension (from Whittier Boulevard and Atlantic Boulevard Intersection to Union Station Area) Metro Red Line Los Angeles, California. On file at SCCIC.	1993	LAN-2966	Los Angeles	APE
Greenwood, Roberta S. Cultural Resources Impact Mitigation Program Angeles Metro Red Line Segment 1. On file at SCCIC.	1993	LAN-3103	Los Angeles	APE
Wlodarski, Robert J. Addendum Report: Results of a Phase I Archaeological Study of the Proposed Construction of the Whittier Boulevard Shaft Site East Central Interceptor Sewer Project, East-West Alignment, Los Angeles County. On file at SCCIC.	1995	LA-3115	Los Angeles	¼-mile
Demcak, Carol. Report of Archaeological Survey for L.S. Cellular Site #775, 4401 Wilshire Boulevard, Los Angeles, Los Angeles County, CA. On file at SCCIC.	1996	LAN-3438	Hollywood	¼-mile

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Gipsman, Jacob. Special Study/Analysis: Epic Discoveries I made at La Brea. On file at SCCIC.	1973	LAN-3465	Hollywood	¼-mile
Frost, David. Special Study/Analysis: A Delineation of My Experiences at Rancho La Brea. On file at SCCIC.	1973	LAN-3466	Hollywood	¼-mile
Gordon, Marlene. Special Study/Analysis: Epic Discoveries I made at La Brea. On file at SCCIC.	1973	LAN-3467	Hollywood	¼-mile
Gilden, Eugene. Special Study/Analysis: The Rancho La Brea Project. On file at SCCIC.	1973	LAN-3468	Hollywood	¼-mile
Turner, Robin and Mark Selverston. Monitoring of Median Improvements, Wilshire Boulevard from Fairfax Avenue to La Brea Avenue. On file at SCCIC.	1996	LAN-3471	Hollywood	APE
Anonymous. Draft Environmental Impact Report: Metro Rail Transit Corridor Specific Plan, Park Mile Specific Plan Amendments. On file at SCCIC.	1985	LAN-3496	Hollywood	APE
Dillon, Brian. Archaeological Record Search and Impact Evaluation for the Los Angeles Wastewater Program Management (NOS-NCOS) Project, Los Angeles, CA. On file at SCCIC.	1990	LAN-3501	Hollywood	APE
Westec Services, Inc. Technical Report: Archaeological Resources Los Angeles Rail Rapid Transit Project “Metro Rail”. On file at SCCIC.	1983	LAN-3510	Hollywood	APE
Buckman, Bonnie. The Los Angeles Basin and Vicinity: A Gazetteer and Compilation of Archaeological Site Information. On file at SCCIC.	1974	LAN-3583	Hollywood	¼-mile
ENSR. Negative Phase I Archaeological Survey of 1.2 Acre at 1401 Sepulveda Boulevard, Westwood, Los Angeles County, California. On file at SCCIC.	1997	LAN-3599	Beverly Hills	¼-mile
Anonymous. Request for Determination of Eligibility for Inclusion in the National Register of Historic Places for Beverly Gardens. On file at SCCIC.	N/A	LAN-3678	Beverly Hills	¼-mile
Anonymous. Request for Determination of Eligibility for Inclusion in the National Register of Historic Places for Beverly Gardens. On file at SCCIC.	N/A	LAN-3679	Beverly Hills	¼-mile
Anonymous. Request for Determination of Eligibility for Inclusion in the National Register of Historic Places for Beverly Gardens. On file at SCCIC.	N/A	LAN-3680	Beverly Hills	¼-mile
City of Los Angeles. Historic Property Survey: 6th Street Between Gramercy Place and Bronson Avenue. On file at SCCIC.	1977	LAN-3730	Hollywood	¼-mile
City of Los Angeles. Historic Property Survey: Carrillo Drive and Crescent Heights Boulevard—Commodore Slat Drive to First Alley South of Olympic Boulevard. On file at SCCIC.	1977	LAN-3760	Hollywood	¼-mile
Webb, Lois, et. al. Historic Property Survey: 07 LA 02 P.M. 3.65/9.57 Route 405 to Fairfax Avenue, Los Angeles County, CA. On file at SCCIC.	1983	LAN-3765	Hollywood	APE
Anonymous. An Archival Study of a Segment of the Proposed Pacific Pipeline, City of Los Angeles, California. On file at SCCIC.	1992	LAN-3813	Los Angeles	APE
Foster, John M. and Roberta S. Greenwood. Archaeological Investigations at Maintenance of Way Facility, South Santa Fe Avenue (CA-LAN-2563H). On file at SCCIC.	1998	LAN-3923	Los Angeles	APE
Greenwood, Roberta S. and Portia Lee. Transportation-Related Resources on South Santa Fe Avenue, Los Angeles. On file at SCCIC.	1998	LAN-4047	Los Angeles	APE

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
McKenna, Jeanette and Richard Shepard. Historic Documentation: The University of California, Los Angeles, Academic Health Center Westwood Campus Facility Reconstruction Project, Los Angeles County, CA. On file at SCCIC.	1997	LAN-4095	Beverly Hills	¼-mile
Lee, Portia. Seismic Retrofit of First Street Bridge Over the Los Angeles River. On file at SCCIC.	ND	LAN-4217	Los Angeles	¼-mile
ENVICOM CORPORATION. Historical Property Survey Report West Los Angeles Veloway Project. On file at SCCIC.	1989	LAN-4239	Beverly Hills	APE
Rockey, David. The Miracle Mile of Wilshire Boulevard. On file at SCCIC.	1999	LAN-4518	Hollywood	APE
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 652-04, in the County of Los Angeles, California. On file at SCCIC.	1999	LAN-4557	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 572-09, in the County of Los Angeles, CA. On file at SCCIC.	1999	LAN-4571	Beverly Hills	APE
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 577-02, County of Los Angeles, California. On file at SCCIC.	1999	LAN-4603	Hollywood	¼-mile
Starzak, Richard. Historic Property Survey Report for the Proposed Alameda Corridor from the Ports of Long Beach and Los Angeles to Downtown Los Angeles in Los Angeles County, California. On file at SCCIC.	1994	LAN-4625	Los Angeles	¼-mile
Ashkar, Shahira. Cultural Resources Inventory Report for Williams Communications, Inc. Proposed Fiber Optic Cable System Installation Project, Los Angeles to Anaheim, Los Angeles and Orange Counties. On file at SCCIC.	1999	LAN-4834	Hollywood, Los Angeles	¼-mile
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 576-04, County of Los Angeles, CA. On file at SCCIC.	1999	LAN-5011	Beverly Hills	¼-mile
Gray, Deborah. Cultural Resource Assessment for ATT&T Wireless Services Facility Number C310.2, County of Los Angeles, CA. On file at SCCIC.	1999	LAN-5013	Beverly Hills	APE
Iverson, Gary. Negative Archaeological Survey Report: High Occupancy Vehicle Lane in the southbound center median area of Route 405 from Route 10/405 Interchange to Waterford Avenue. On file at SCCIC.	1999	LAN-5016	Beverly Hills	APE
Duke, Curt. Cultural Resource Assessment for AT&T Wireless Services Facility Number R329.2, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5032	Beverly Hills	¼-mile
Duke, Curt. Cultural Resource Assessment for ATT&T Wireless Services Facility Number R352.1, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5034	Beverly Hills	¼-mile
Lapin, Philippe. Cultural Resource Assessment for ATT&T Wireless Services Facility Number R351, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5039	Beverly Hills	APE
Duke, Curt. Cultural Resource Assessment for AT&T Wireless Services Facility Number R307.1, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5072	Hollywood	APE
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 241-01, County of Los Angeles, CA. On file at SCCIC.	1999	LAN-5087	Hollywood	¼-mile

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Holson, John. Archaeological Survey and Record Search for WorldCom 1901 Avenue of the Stars, Century City Loop Project. On file at SCCIC.	2001	LAN-5189	Beverly Hills	APE
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 010-02, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5326	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for the ATT&T Wireless Services Facility Number R137.1, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5333	Hollywood	APE
Lapin, Philippe. Cultural Resource Assessment for Pacific Bell Wireless Facility SM 919-01, County of Los Angeles, CA. On file at SCCIC.	2000	LAN-5336	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for Cingular Wireless Facility No. SM 235-02, Los Angeles County, CA. On file at SCCIC.	2002	LAN-6124	Beverly Hills	¼-mile
Duke, Curt. Revised Cultural Resource Assessment, Cingular Wireless Facility No. SM 152-01, Los Angeles County, California. On file at SCCIC.	2002	LA-6133	Beverly Hills	APE
Earthtouch. Nextel Communication Kingsley (CA-7841), 3727 West Sixth Street, Los Angeles, CA. On file at SCCIC.	N/A	LAN-6431	Hollywood	¼-mile
McKenna, Jeanette. Los Angeles New Primary Center No. 1—Archaeological Records Check Summary. On file at SCCIC.	2002	LAN-6441	Hollywood	APE
Greenwood, Roberta and Peter Messick. Archaeological Monitor Report: Three Parcels at Park La Brea, Los Angeles, CA. On file at SCCIC.	2002	LAN-6444	Hollywood	¼-mile
Mason, Roger. Proposed Verizon Wireless Facility Mid-Wilshire (99900155) in the City and County of Los Angeles, CA. On file at SCCIC.	2001	LAN-6445	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for Cingular Wireless Facility No. SM 130-01, Los Angeles County, CA. On file at SCCIC.	2002	LAN-6452	Hollywood	APE
Duke, Curt and Judith Marvin. Cultural Resource Assessment for Cingular Wireless Facility No. SM 200-02, Los Angeles County, CA. On file at SCCIC.	2002	LAN-6455	Hollywood	¼-mile
Duke, Curt and Judith Marvin. Cultural Resource Assessment, Cingular Wireless Facility No. SM 196-03, Los Angeles County, California. On file at SCCIC.	200	LAN-6456	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for Pacific Bell Mobile Services Facility LA 578-11, County of Los Angeles, CA. On file at SCCIC.	1999	LAN-6462	Hollywood	¼-mile
Duke, Curt. Cultural Resource Assessment for Cingular Wireless Facility No. SM 053-01, Los Angeles County, CA. On file at SCCIC.	2001	LAN-6485	Beverly Hills	¼-mile
Wallock, Nicole. Cultural Resource Assessment, Cingular Wireless Facility No. SM 053-02, Los Angeles County, California. On file at SCCIC.	2001	LAN-6487	Beverly Hills	¼-mile
Sriro, Adam. Negative Archaeological Survey Report for Addition of a High Occupancy Vehicle (HOV) lane to the northbound Route 405 from 0.5 km south of I-10 to Ventura Boulevard, Los Angeles County, CA. On file at EIC.	2001	LAN-6491	Beverly Hills	APE
Duke, Curt. Cultural Resource Assessment for Cingular Wireless Facility No. SM 039-01, Los Angeles County, CA. On file at SCCIC.	2001	LAN-6501	Beverly Hills	APE

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Bolin, David. Records Search for Site ID Number: R294—Doheny/Wilshire, Geo Trans Project Number L260-000, 911 Wilshire Blvd., Beverly Hills, Los Angeles County, CA. On file at SCCIC.	2001	LAN-6518	Beverly Hills	¼-mile
Billat, Lorna. Nextel Communication Proposed Wireless Telecommunications Service Facilities—Southern California. On file at SCCIC.	2001	LAN-6520	Beverly Hills	APE
Cox, Brian. Nextel Communications CA-6590A / Westholme, 10850 Wilshire Blvd., Los Angeles, CA. On file at SCCIC.	2001	LAN-6525	Beverly Hills	¼-mile
Greenwood, Roberta S. Cultural Resources Monitoring: Northeast Interceptor Sewer Project. On file at SCCIC.	2003	LAN-6837	Los Angeles	¼-mile
Budinger, Fred E., Jr. Phase I Archaeological Survey, Former Aliso Street MGP Site, Los Angeles, California. On file at SCCIC.	2003	LAN-6840	Los Angeles	¼-mile
Harper, Caprice. Cultural Resource Assessment for Cingular Wireless Facility No. SM 123-04, Los Angeles County, CA. On file at SCCIC.	2003	LAN-6883	Beverly Hills	¼-mile
Michalsky, Jay and Caprice Harper. Cultural Resource Assessment for Cingular Wireless Facility No. LA 396-91, Los Angeles County, CA. On file at SCCIC.	2004	LAN-7122	Beverly Hills	APE
WSA. Report on Cultural Resources Mitigation and Monitoring Activities; Fluor/ Level (3) Los Angeles Local Loops. On file at SCCIC.	2001	LAN-7178	Hollywood	APE
Bonner, Wayne. Records Search Results and Site Visit for Sprint Telecommunications Facility Candidate LA60X429C (Wilshire) 3921 Wilshire Boulevard, Los Angeles, Los Angeles County, CA. On file at SCCIC.	2004	LAN-7339	Hollywood	¼-mile
McKenna, Jeanette A. Historic Cultural Resources Study: The Los Angeles Unified School District Central Region Elementary School No. 14, Located in the Echo Park Area of the City of Los Angeles, Los Angeles County, California. On file at SCCIC.	2005	LAN-7387	Hollywood	APE
Hale, Alice E. Inspection of Auger Bore Samples for the Coyote Pass Geotechnical Project. On file at SCCIC.	2004	LAN-7555	Los Angeles	¼-mile
Bonner, Wayne H. Cultural Resources Records Search Results and Site Visit for Cingular Wireless Candidate EI-0092-02 (SBC Switch La Brea), 654 South La Brea Boulevard, Los Angeles, Los Angeles County, California. On file at SCCIC.	2006	LAN-7736	Hollywood	APE
Bonner, Wayne. Cultural Records Search Results and Site Visit for T-Mobile Facility Candidate LA03295B (Jamison Properties, Inc.), 4201 Wilshire Boulevard, Los Angeles, Los Angeles County, CA. On file at SCCIC.	2006	LAN-7753	Hollywood	APE
Bonner, Wayne. Direct and Indirect APE Historic Architectural Assessments for Sprint Telecommunications Facility Candidate LA60XC429C (Wilshire) 3921 Wilshire Boulevard, Los Angeles, Los Angeles County, CA. On file at SCCIC.	2004	LAN-7775	Hollywood	¼-mile
Strauss, Monica. Archaeological Resources Assessment for the Proposed Public Safety Facilities Master Plan Project, City of Los Angeles, California. On file at SCCIC.	2004	LAN-7888	Los Angeles	¼-mile

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Wlodarski, Robert J. Records Search and Field Reconnaissance Phase for the Proposed Royal Street Communications Wireless Telecommunications Site LA 0150a (East LA/American Storage), Located at 300 South Avery Street, Los Angeles, California 90013. On file at SCCIC.	2006	LAN-7900	Los Angeles	¼-mile
Southern California Rapid Transit District. Technical Report: Cultural Resources Los Angeles rail Rapid Transit Project “Metro Rail”. On file at SCCIC.	1987	LAN-8020	Hollywood	APE
Sleepy, Robert. National Historic Preservation Act (NHPA) Section 106 Compliance for the California Department of Veterans Affairs, Proposed Veterans Homes of California—Greater Los Angeles / Ventura Counties. On file at SCCIC.	2005	LAN-8088	Beverly Hills	¼-mile
McKenna, Jeanette. Historic American Building Survey: Glendon Manor 1070 Glendon Avenue, Westwood Los Angeles, Los Angeles County, CA. On file at SCCIC.	2001	LAN-8089	Beverly Hills	¼-mile
Gust, Sherri and Heather Puckett. Los Angeles Metro Red Line Project, Segments 2 and 3 Archaeological Resources Impact Mitigation Program, Final Report of Findings. On file at SCCIC.	2004	LAN-8251	Hollywood	APE
Snyder, John W., et al. Request for Determination of Eligibility for Inclusion in the National Register of Historic Places/Historic Bridges in California: Concrete Arch, Suspension, Steel Girder and Steel Arch. On file at SCCIC.	1986	LAN-8252	Hollywood, Los Angeles	APE
Wood, Catherine. Archaeological Survey Report for the KRC Apartments Project Located at 900-906 South Crenshaw Boulevard, Los Angeles, California. On file at SCCIC.	2007	LAN-8509	Hollywood	¼-mile
Foster, John M. Archaeological Inventory: Emergency Operations Center, Fire Station, and Parking Garage. On file at SCCIC.	2005	LAN-8513	Los Angeles	¼-mile
Gregory, Carrie and Margarita Wuellner. Historical assessment and Technical Report for the Proposed Public Safety Facilities Master Plan, Los Angeles, California. On file at SCCIC.	2004	LAN-8514	Los Angeles	¼-mile
Taniguchi, Christeen. Historic Architectural Survey and Section 106 Compliance for a Proposed Wireless Telecommunications Service Facility Located on a Warehouse Building in the City of Los Angeles (Los Angeles County), California. On file at SCCIC.	2004	LAN-8518	Los Angeles	¼-mile
Chasteen, Carrie and Catherine Wood. Historic Property Survey Report: 7-LA-Sepulveda Boulevard Between Wilshire Boulevard and Mulholland Drive (6 miles) EA 07-4U2944L. On file at SCCIC.	2007	LAN-8710	Beverly Hills	APE
Bonner, Wayne H. and Sarah A. Williams. Cultural Resources Records Search Results and Site Visit for Sprint Nextel Telecommunications Facility Candidate CA8283E (Van Wyck), 601 South Santa Fe Avenue, Los Angeles, Los Angeles County, California. On file at SCCIC.	2006	LAN-8733	Los Angeles	¼-mile
Baker, Cindy and Mary Maniery. Cultural Resource Inventory and Evaluation of United States Army Reserve 63D Regional Readiness Command Facilities. On file at SCCIC.	2007	LAN-8898	Beverly Hills	¼-mile
Messick, Peter and Alice E. Hale. Archaeological Monitoring Report, Mangrove Parking Lot Project, Los Angeles, California. On file at SCCIC.	2007	LAN-8910	Los Angeles	¼-mile

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Crawford, Kathleen. Direct APE Historic Architectural Assessment for T-Mobile Facility Candidate LA03295B (Jamison Properties, Inc.), 4201 Wilshire Boulevard, Los Angeles, Los Angeles County, CA. On file at SCCIC.	2006	LAN-9087	Hollywood	APE
Bonner, Wayne H. Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SV11559A (ATC Rooftop), 1100 Glendon Avenue, Los Angeles, Los Angeles County, California. On file at SCCIC.	2007	LAN-9133	Beverly Hills	¼-mile
Bonner, Wayne H. Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SV11560A (Wilshire Medical RT), 6221 Wilshire Boulevard, Los Angeles, Los Angeles County, California. On file at SCCIC.	2007	LAN-9226	Hollywood	¼-mile
Bonner, Wayne H. Cultural Resources Records Search and Site Visit Results for AT&T Candidate LAR022-51 (Avenue of the Stars & Olympic Boulevard), Los Angeles, Los Angeles County, California. On file at SCCIC.	2007	LAN-9253	Beverly Hills	¼-mile
Bonner, Wayne. Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate SV11559A (ATC Rooftop) 110 Glendon Avenue, Los Angeles, Los Angeles County, CA. On file at SCCIC.	2007	LAN-9255	Beverly Hills	¼-mile
Billat, Lorna. Meyers/CA-6357A, 300 Avery Street, Los Angeles, CA. On file at SCCIC.	2004	LAN-9395	Los Angeles	¼-mile
Bonner, Wayne H. and Kathleen Crawford. Cultural Resources Records Search and Site Visit Results for T-Mobile USA Candidate SV11718A (Palmer Building), 535 South Gramercy Place, Los Angeles, Los Angeles County, California. On file at SCCIC.	2008	LAN-9496	Hollywood	¼-mile
Bonner, Wayne H. and Kathleen Crawford. Direct APE Historic Architectural Assessment for T-Mobile USA Candidate SV11718A (Palmer Building), 535 South Gramercy Place, Los Angeles, Los Angeles County, California. On file at SCCIC.	2008	LAN-9533	Hollywood	¼-mile
Bonner, Wayne H. and Kathleen Crawford. Cultural Resources Records Search and Site Visit Results for AT&T Candidate EL0092-02@ (SBC Switch La Brea), 654 South La Brea Avenue, Los Angeles, Los Angeles County, California. On file at SCCIC.	2008	LAN-9537	Hollywood	APE
Anonymous. Final Supplemental Environmental Impact Statement/Final Subsequent Environmental Impact Report: Los Angeles Eastside Corridor. On file at SCCIC.	2001	LAN-9843	Los Angeles	¼-mile
Anonymous. Draft: Los Angeles Eastside Corridor, Revised Cultural Resources Technical Report, Final Supplemental Environmental Impact Statement/Final Subsequent Impact Report. On file at SCCIC.	2001	LAN-9844	Los Angeles	APE
Bonner, Wayne H. and Kathleen A. Crawford. Cultural Resources Records Search and Site Visit Results for Clearwire Candidate CA-LOS6718/CA6281, 4201 Wilshire Blvd., Los Angeles, Los Angeles County, CA. On file at SCCIC.	2009	LAN-10086	Hollywood	APE
Chasteen, Carrie. Finding of Effect—6 th Street Viaduct Seismic Improvement Project. On file at SCCIC.	2008	LAN-10451	Los Angeles	APE
Smith, Francesca. Historical Resources Evaluation Report—6 th Street Viaduct Seismic Improvement Project. On file at SCCIC.	2007	LAN-10452	Los Angeles	APE

Table 6-1: Prior Cultural Resources Studies within 0.25-Mile of APE (continued)

Citation	Survey Year	Survey Number	Quadrangle(s) (7.5 Minute)	Survey Within APE or ¼-mile radius?
Greenwood, Roberta S. Scott Savastio, and Peter Messick. Cultural Resources Monitoring: North Outfall Sewer—East Central Interceptor Sewer Project. On file at SCCIC.	2004	LAN-10506	Beverly Hills, Hollywood, Los Angeles	¼-mile
Anonymous. Technical Report—Historical/Architectural Resources—Los Angeles Rail Rapid Transit Project “Metro Rail”, Draft Environmental Impact Statement and Environmental Impact Report. On file at SCCIC.	1983	LAN-10507	Hollywood, Los Angeles	APE
Hatoff, Brian. Verizon Cellular Communications Tower Site—LTE Beverly Vista, 9033 Wilshire Boulevard, Beverly Hills, CA 90211. On file at SCCIC.	2010	LAN-10580	Beverly Hills	¼-mile
Hatoff, Brian. Verizon Cellular Communications Tower Site—Federal LTE, 11600 Wilshire Boulevard, Los Angeles, CA 90025. On file at SCCIC.	2010	LAN-10581	Beverly Hills	¼-mile
Dietler, Sara, Adela Amarai, and Linda Kry. Final Archaeological Assessment for the Temple Street Widening Project, City of Los Angeles, California. On file at SCCIC.	2010	LAN-10606	Los Angeles	¼-mile
Tang, Bai “Tom”. Preliminary Historical/Archaeological Resources Study, Southern California Regional Rail Authority (SCRRA) River Subdivision Positive Train Control Project, City of Los Angeles, Los Angeles County, California. On file at SCCIC.	2010	LAN-10638	Los Angeles	APE
Bonner, Wayne. Cultural Resources Records Search and Site Visit Results for AT&T Mobility, LLC Candidate ELO352-01 (Wilshire Medical Center), 9033 Wilshire Boulevard, Beverly Hills, Los Angeles County, California. On file at SCCIC.	2010	LAN-10661	Beverly Hills	¼-mile
Bonner, Wayne H. Cultural Resources Records Search and Site Visit Results for Clearwire Candidate CA-LOS5987B (SBC Switch LA Brea), 666 South La Brea Avenue, Los Angeles, California. On file at SCCIC.	2010	LAN-10673	Hollywood	¼-mile
Gust, Sherri and Amy Glover. Cultural Resources Mitigation Compliance Report for the Metro Gold Line Eastside Extension, City of Los Angeles, California, for the Period 2004 to 2006. On file at SCCIC.	2009	LAN-10805	Los Angeles	¼-mile
Loftus, Shannon L. Addendum-Paleontological and Cultural Resource Compliance Monitoring Report, Los Angeles County, Metropolitan Transit Authority, Eastside Gold Line Transit Corridor Project. On file at SCCIC.	2010	LAN-10806	Los Angeles	¼-mile
Chasteen, Carrie. Sepulveda Boulevard Reversible Bike Lane and Intersection Improvement Project Between Wilshire Boulevard and Mulholland Drive (6 miles), City of Los Angeles, California. On file at SCCIC.	2007	LAN-10838	Beverly Hills	APE
Kane, Richard. Work Plan for Asbestos and Lead Paint Abatement VA B20 Chapel, Veteran’s Administration Facility, West Los Angeles, CA. On file at SCCIC.	2007	LAN-10839	Beverly Hills	APE
Chasteen, Carrie, Mark Robinson and Noelle Shaver. Historic Property Survey Report, 11000 Wilshire Blvd., Los Angeles, CA. On file at SCCIC.	2006	LAN-10841	Beverly Hills	APE

6.2.2 Previously Recorded Archaeological Resources

The SCCIC records search indicated that 17 archeological resources (15 sites and 2 isolates) have been previously recorded in West Los Angeles, Beverly Hills and Hollywood within the quarter-mile search radius but outside the Archaeological APE for the LPA (Table 6-2). Of these, the La Brea Tar Pits is the most prominent prehistoric and archaeological resource in the project vicinity. Within the quarter-mile search radius, the sites within the Los Angeles and Beverly Hills area are mainly historic refuse dumps that were discovered during trenching beneath paved streets, or circa 1900 remnants of the Los Angeles Zanja System, the city’s original water system. A filled-in open pit asphalt mine of the Civil War Period was identified in Los Angeles beneath today’s Hancock Park.

Table 6-2: Archaeological Resources Recorded within 0.25-Mile of APE

Primary No.	Trinomial	Site Description	USGS Quadrangle (7.5 Minute)	Year Recorded
P-19-000159	CA-LAN-0159	La Brea Tar Pits	Hollywood	1949
P-19-001261	CA-LAN-1261H	Historic Civil War Period filled-in open pit asphalt mine	Hollywood	1986
P-19-003169	CA-LAN-3169	Historic period abandoned railroad siding (2 segments of AT&SF RR)	Los Angeles	2003
P-19-003336	n/a	Historic trash scatter of glass, wood, brick and porcelain underneath Barrington Avenue	Beverly Hills	2000
P-19-003338	CA-LAN-3338	Late 19th/Early 20th Century historic trash dump	Los Angeles	2000
P-19-003339	CA-LAN-3339	Late 19th/Early 20th Century historic trash dump	Los Angeles	2000
P-19-003336	n/a	Historic trash scatter of glass, wood, brick and porcelain underneath Barrington Avenue	Beverly Hills	2000
P-19-003338	CA-LAN-3338	Late 19th/Early 20th Century historic trash dump	Los Angeles	2000
P-19-003339	CA-LAN-3339	Late 19th/Early 20th Century historic trash dump	Los Angeles	2000
P-19-003340	CA-LAN-3340	Late 19th/Early 20th Century historic trash dump	Los Angeles	2000
P-19-003352	CA-LAN-3352	Zanja No. 6-1 (1900) and associated historic artifacts	Los Angeles	2005
P-19-003353	CA-LAN-3353	Late 19th/Early 20th Century historic trash dump	Los Angeles	2005
P-19-003683	CA-LAN-3683	Late 19th/Early 20th Century historic trash dump	Los Angeles	2003
P-19-004112	CA-LAN-4112	Historic features associated with Zanja 6-1	Los Angeles	2008
P-19-004113	CA-LAN-4113	Historic extension of Zanja 6-1	Los Angeles	2008
P-19-004174	CA-LAN-4174	Late 19th/Early 20th Century historic trash dump	Los Angeles	2009
P-19-100882	n/a	Historic horseshoe isolate	Los Angeles	2009

The SCCIC records search indicated that five archeological resources (4 sites and 1 isolate) have been previously recorded in Los Angeles within the Archaeological APE (Table 6-3). Each of these is located within the APE at the Division 20 maintenance yard, and is associated with the American period during the late 19th/early 20th century. Included are two archaeological sites identified during field survey in 2010 (URS 2010: Appendix B).



Table 6-3: Archaeological Resources Previously Recorded within APE at Maintenance Yard

Primary No.	Trinomial	Brief Description	USGS Quadrangle	Year Recorded	Condition
P-19-002563	CA-LAN-2563	Historic refuse deposit; beneath modern facility	Los Angeles	1997	Good
P-19-002610	CA-LAN-2610	Remnant of historic cobblestone street and rail line in Little Tokyo Historic District; associated with 1893 La Grande Railroad Station; beneath modern street	Los Angeles	1997	Good
P-19-100887	n/a	Historic isolate: Japanese bowl and bottle base	Los Angeles	2009	n/a
P-19-004192	CA-LAN-4192	Historic brick and glass scatter	Los Angeles	2010	Poor
P-19-004193	CA-LAN-4193	Remnant of historic road; beneath modern street	Los Angeles	2010	Fair

The companion Historic Properties Supplemental Survey Report (Cogstone 2012) prepared in support of the LPA and the Final EIS/EIR discusses the specific portion of the Atchison Topeka & Santa Fe (AT&SF) railroad track (P-19-186804) (now UPRR) located within the Division 20 maintenance yard. That report also discusses the three bridges that cross the Division 20 yard: 1st Street Viaduct (53CO1166), 4th Street Bridge (53CO880), and 6th Street Viaduct (53CO44). Constructed in 1929, 1930 and 1932, these three local agency bridges are among the 12 significant bridges across the Los Angeles River and have been determined eligible for listing on the NRHP (Caltrans category 2).

6.2.3 Survey Findings

6.2.3.1 Locally Preferred Alternative (LPA)

No prehistoric or historic-era archaeological resources were identified during pedestrian survey within the supplemental coverage area or within the series of vacant lots within the Archaeological APE for the LPA.

Approximately 80 percent of the area in this urban setting covered by the supplemental survey is developed hardscape (e.g., roads, sidewalks, buildings, structures), which generally resulted in little ground visibility (Photograph 6-1). Outside the hardscape, landscaping and dense vegetation (e.g., manicured lawns, shrubs, trees) (also referred to as softscape) reduced ground surface visibility from fair to poor (30-0%). In open areas covered with local grasses ground visibility was generally fair (Photograph 6-2).



Photograph 6-1. VA Center hardscape north of Wilshire Boulevard and west of San Diego Freeway (view to east)



Photograph 6-2. VA Center landscape north of Wilshire Boulevard near San Vicente Boulevard (view to south)

The most extensive softscape amenable to pedestrian survey within the supplemental coverage area is located within the Veterans Administration (VA) Medical Center (now called the Greater Los Angeles Healthcare System-West Los Angeles Medical Center). The center is located in a park-like setting, and an established landscape is a distinctive feature of the historic fabric of the VA Medical Center Historic District (P-19-173043). Extensive manicured lawns with mature trees are present west of Bonsall Avenue both north and south of Wilshire Boulevard. The areas around the mature trees were examined closely for the presence of archaeological resources. Between the landscaping and hardscape, there was little visible ground disturbance within the grounds of the VA Center. (For additional information on the NRHP-eligible district, see the companion study for the Architectural APE; Cogstone 2012).

Based on review of historic aerial images, two of the five vacant lots listed in Table 6-4 that were covered by the supplemental survey (Figure 6-1 through Figure 6-7) have been vacant since at least 1948 (Vacant Lots #1 and #2). The 1948 aerial shows a building and landscaping at the now vacant parcel on the northwest corner of Wilshire Boulevard and S. Rimpau Boulevard (Vacant Lot #3). Similarly, the 1972 aerial shows a building and landscaping at the now vacant parcel on the southwest corner of Wilshire Boulevard and S. Stanley Drive (Vacant Lot #4). As recently as 1980, the aerial imagery shows two buildings and two parking lots within the three adjoining parcels on the south side of Wilshire Blvd between S. Maple Drive and S. Palm Drive (Vacant Lot #5).

Ground visibility within the four vacant lots surveyed ranged from poor to fair, averaging 30 percent visibility (Table 6-4). A dense cover of dried grasses and invasive weeds along with modern trash contributed to the average 30% ground visibility within these undeveloped parcels (Photographs 6-3, 6-4, 6-5 and 6-6). The parcel on the southwest corner of Wilshire Boulevard and S. Stanley Drive had been recently mowed, with small pieces of asphalt, and gravel near the gated entry (Vacant Lot #4).

The survey coverage within four of the vacant lots ranged from 0.28 to 0.57 acres. As noted under the methods, one of the vacant lots was not surveyed since it is completely covered with asphalt paving (Vacant Lot #5; Photograph 6-7). This vacant lot, shown on Figure 6-4 on the south side of Wilshire Blvd between S. Maple Drive and S. Palm Drive and comprising 0.94 acres, was also identified in the prior report (URS 2010: Figure 4-6).



Table 6-4: Information on Vacant Lots Surveyed within APE

Vacant Lot No.	APN No.*	Location	Acreage	Ground Visibility	History of Development
1	550-400-90-17	North side of Wilshire Blvd between S. Irving Blvd. and S. Bronson Ave.	0.5 acres	Poor to fair (0-30%)	No evidence of development between 1948 to present based on historic aerials.
2	550-500-70-17	Northeast corner of Wilshire Blvd. and S. Rimpau Blvd.	0.57 acres	Poor to fair (0-30%)	No evidence of development between 1948 to present based on historic aerials.
3	550-500-60-02	Northwest corner of Wilshire Blvd. and S. Rimpau Blvd.	0.34 acres	Poor to fair (0-30%)	1948 aerial shows building and landscaping.
4	433-301-80-33	Southwest corner of Wilshire Blvd. and S. Stanley Dr.	0.28 acres	Poor to fair (0-30%)	1972 aerial shows building and landscaping.
5	433-101-80-23, 433-101-80-24, 433-101-80-25	Entire block on the south side of Wilshire Blvd. between S. Maple Dr. and S. Palm Dr.	0.94 acres	None (0%); completely covered with recent asphalt paving	1980 aerial shows 2 parking lots and 2 buildings.

* Assessor parcel number.

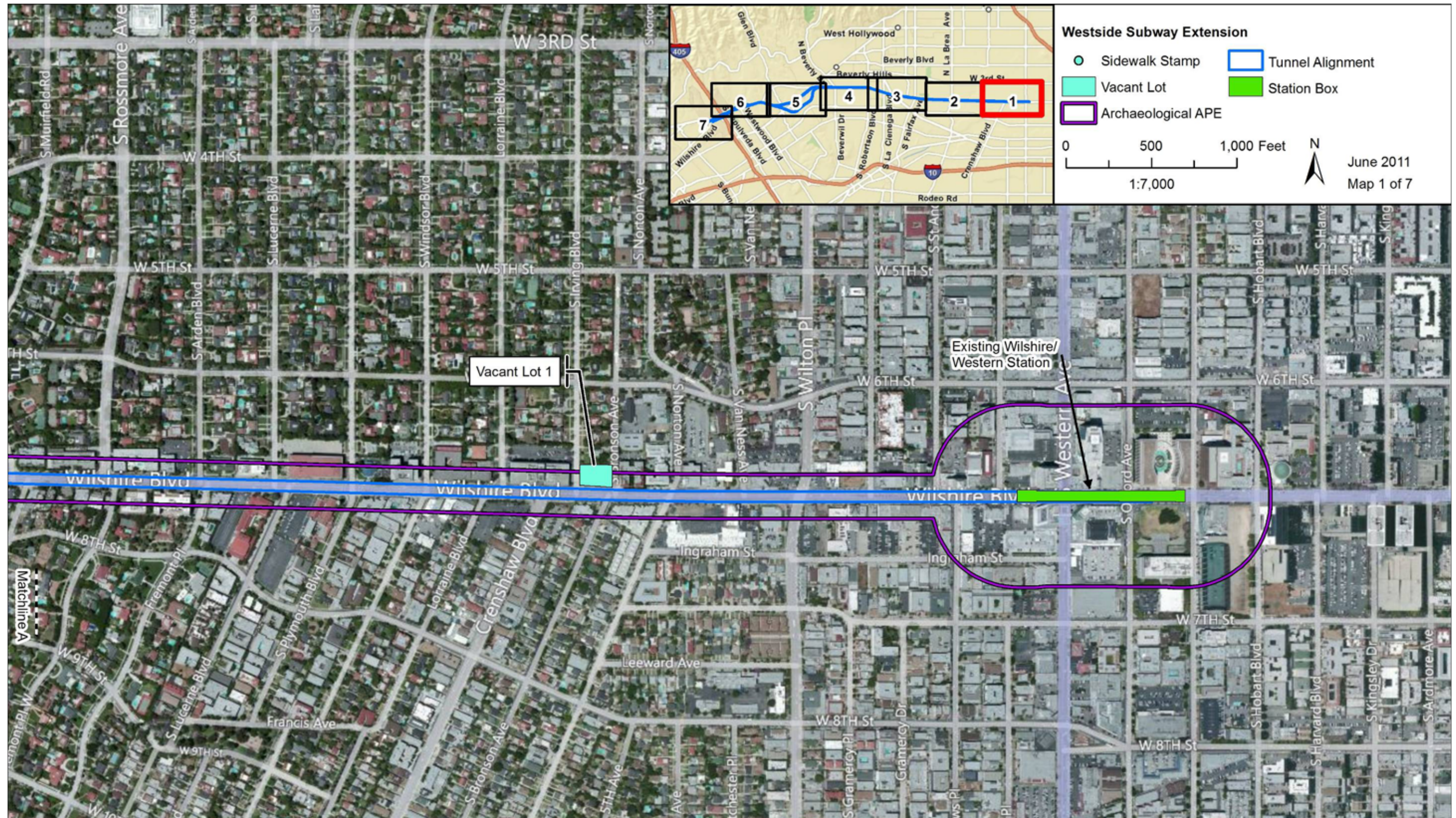


Figure 6-1: Survey Findings for LPA Alignment (Map 1 of 7)