C-1: Northwest Information Center Records Search

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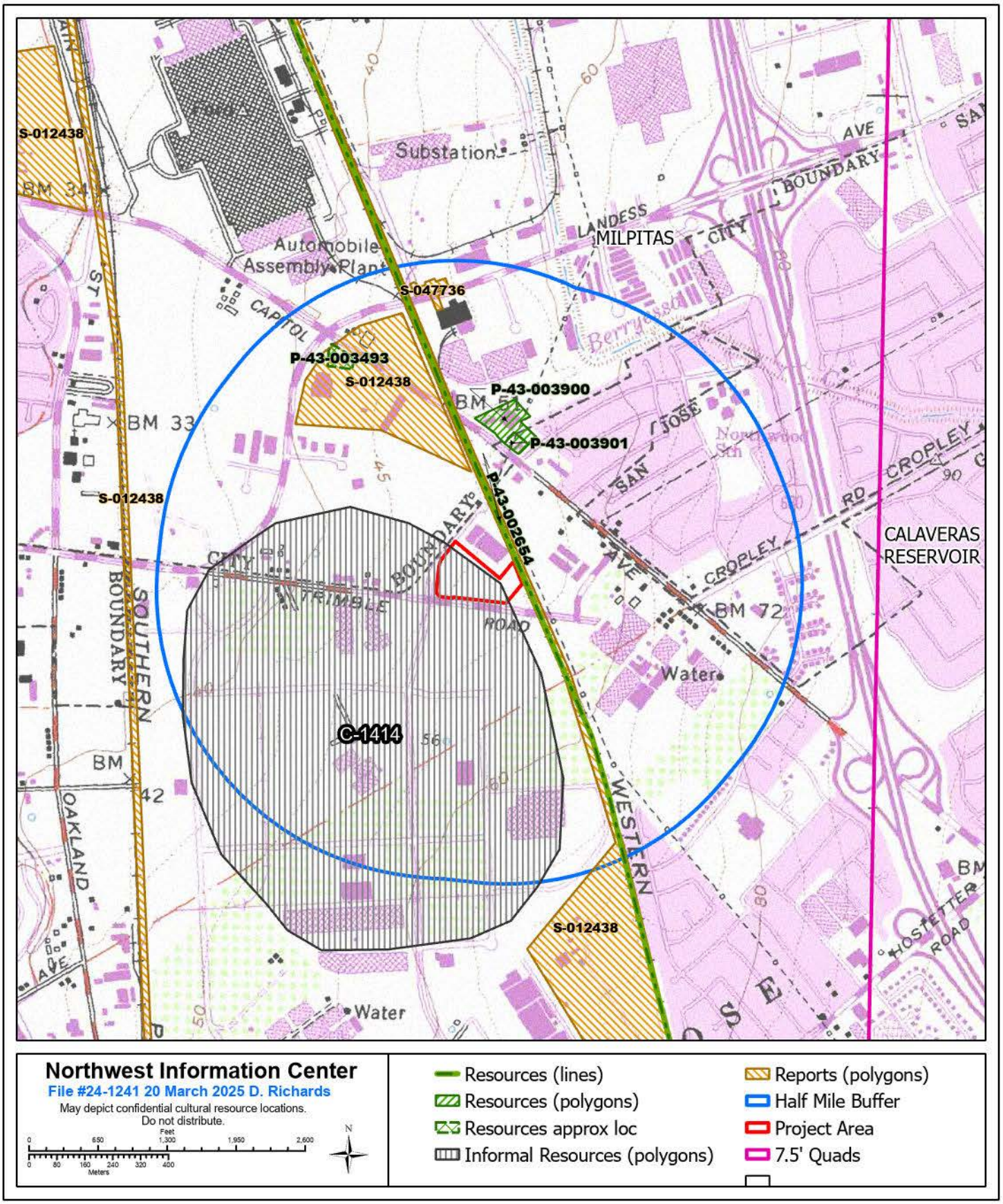
Resource/Report, Map No. 9
Lundy Place Project



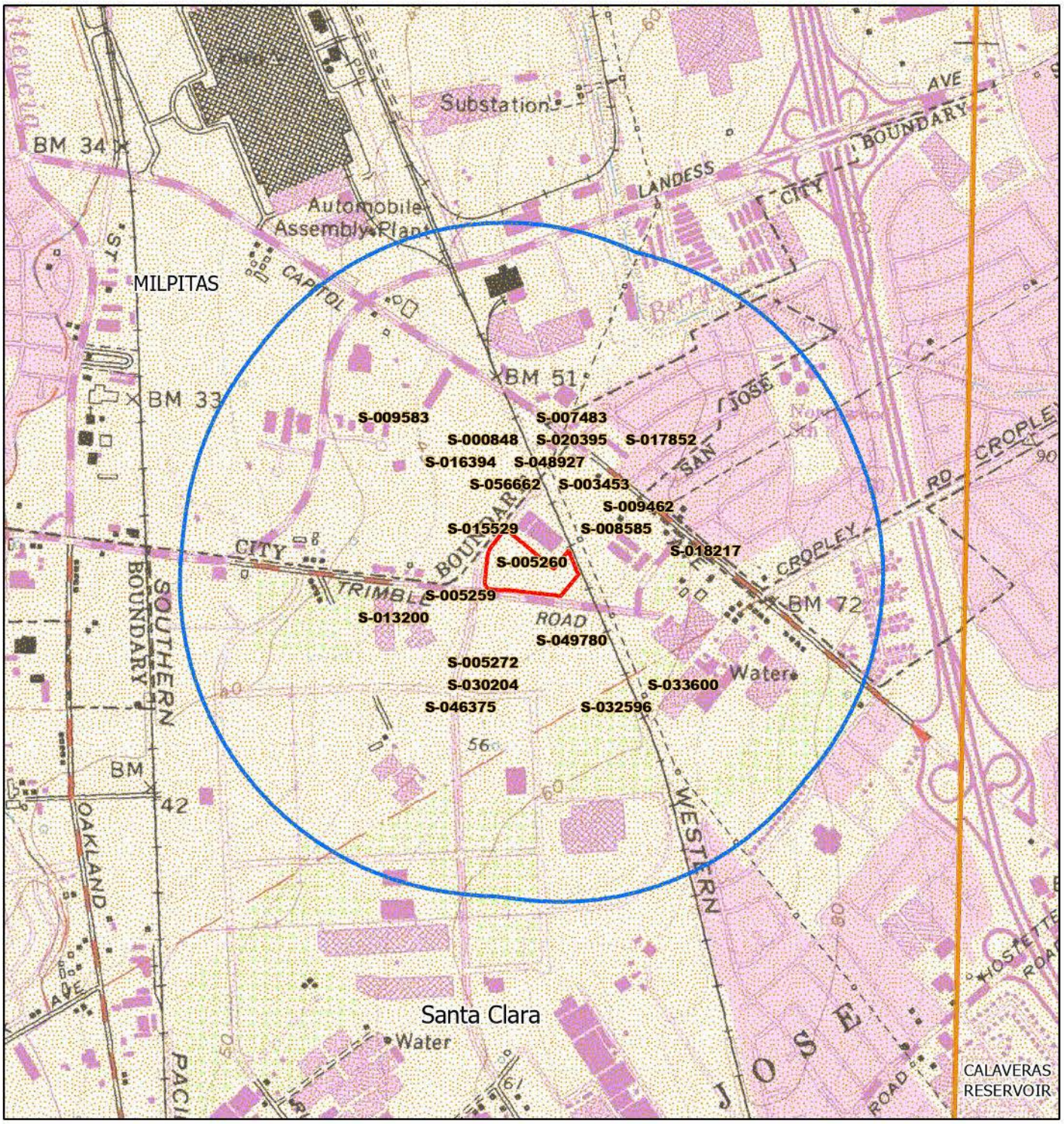
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

- Resources (lines)
- Resources (polygons)
- Resources approx loc
- Informal Resources (polygons)
- Reports (polygons)
- Half Mile Buffer
- Project Area
- 7.5' Quads

Report Map No. 1
Lundy Place Project



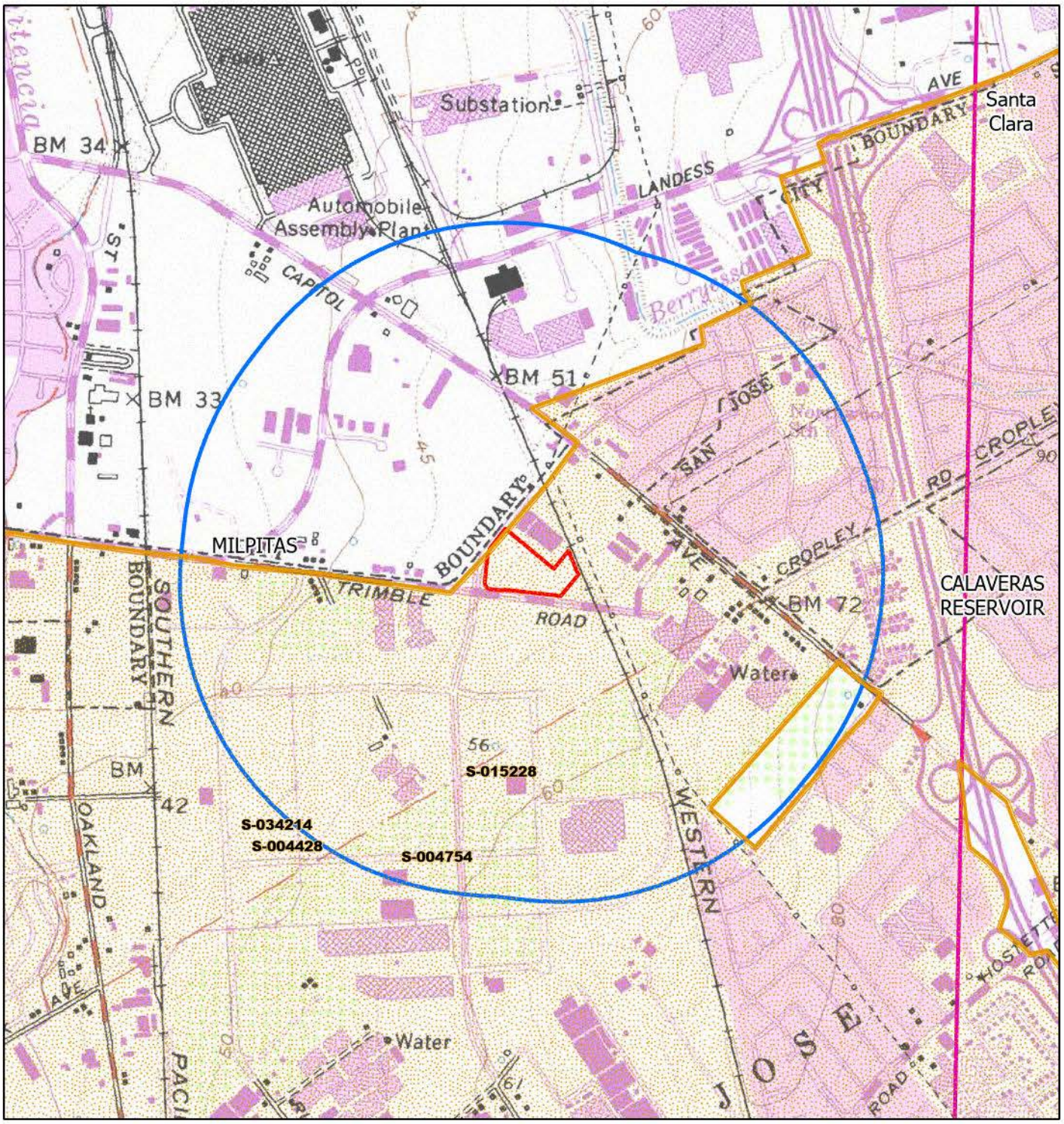
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

Reports (other)
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report Map No. 2
Lundy Place Project



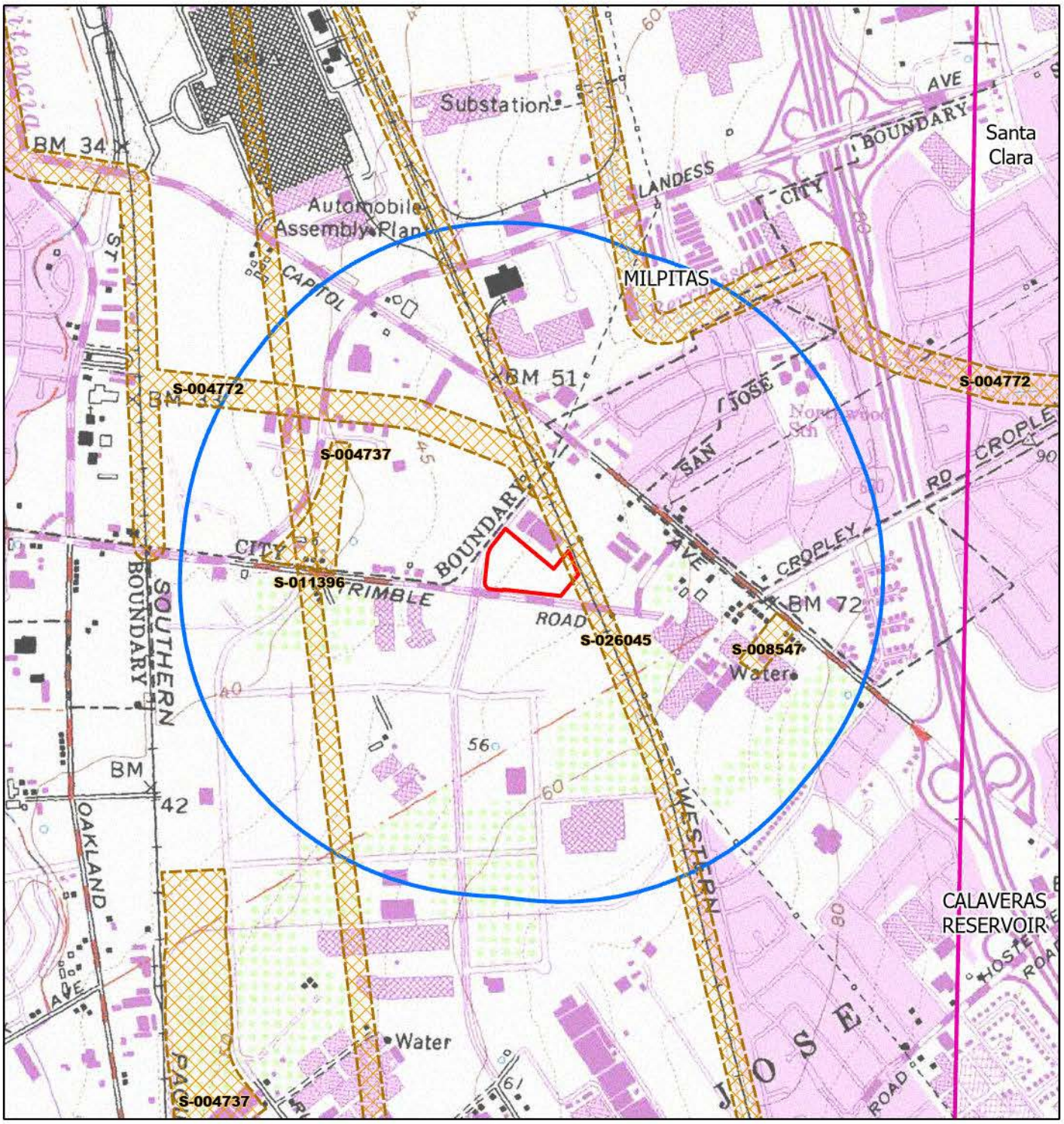
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

Reports (other)
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report Map No. 3
Lundy Place Project



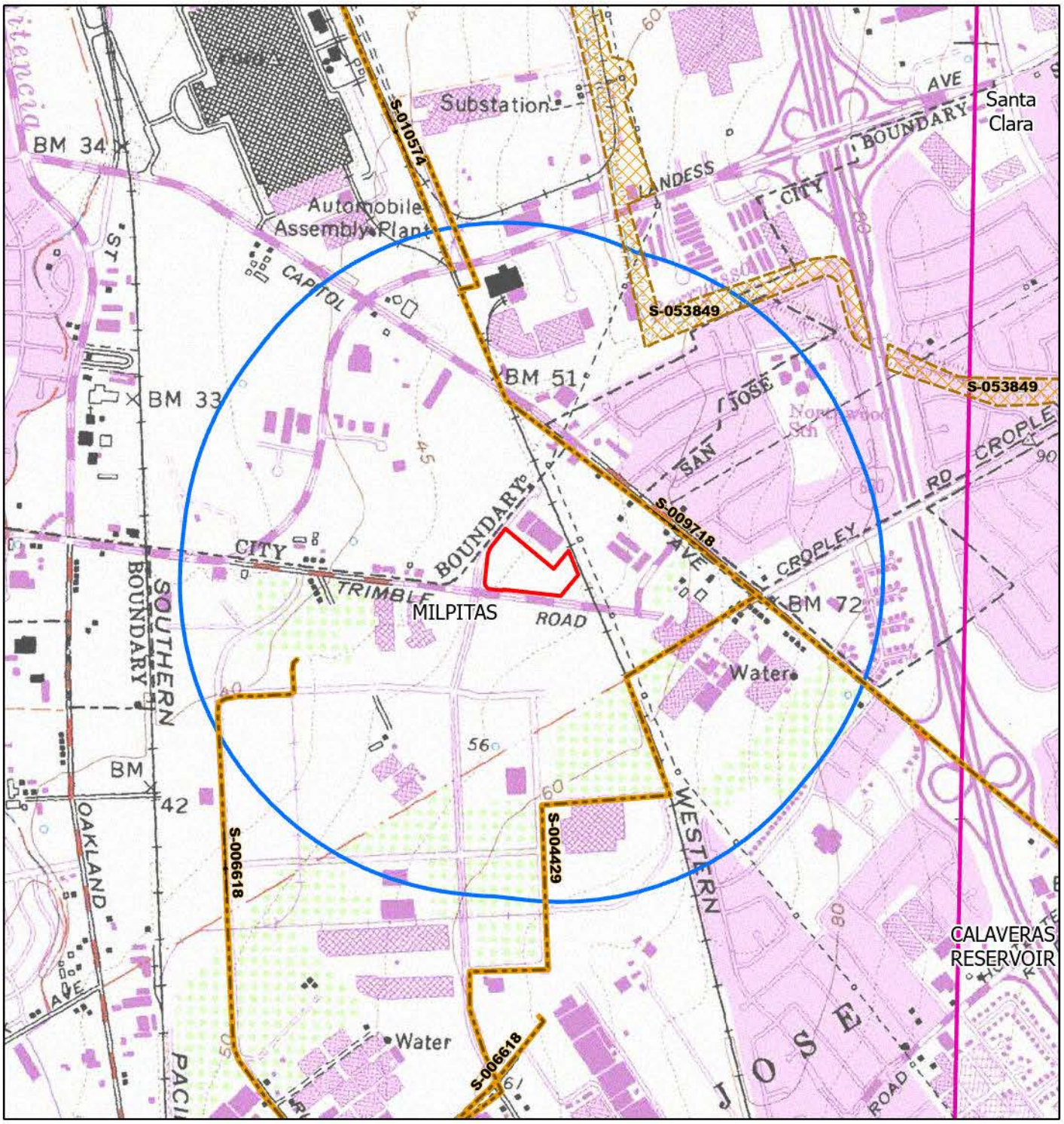
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

Reports approx loc
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report Map No. 4
Lundy Place Project



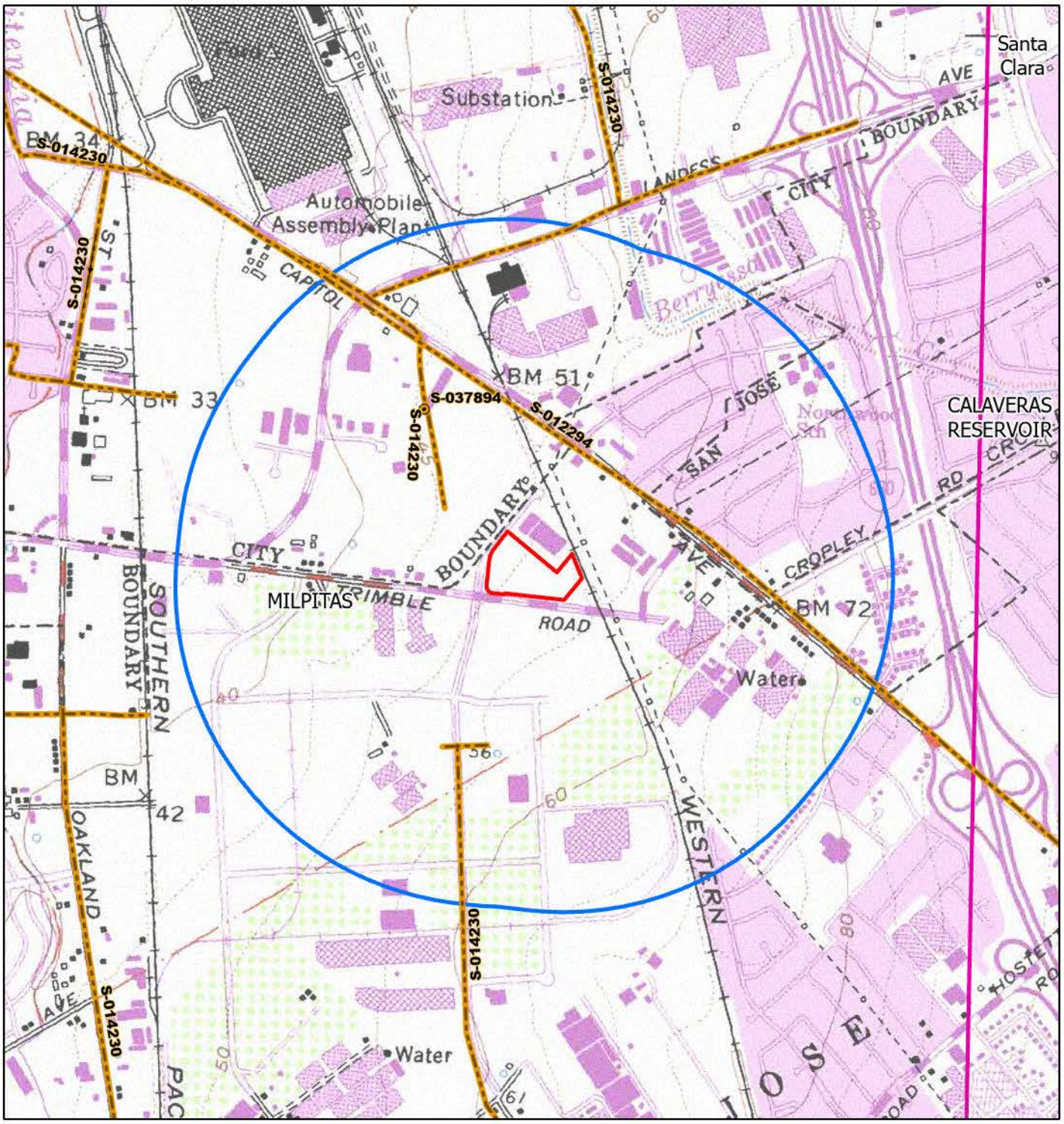
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

- Reports (lines)
- Reports approx loc
- Half Mile Buffer
- Project Area
- 7.5' Quads
- Counties

Report Map No. 5
Lundy Place Project



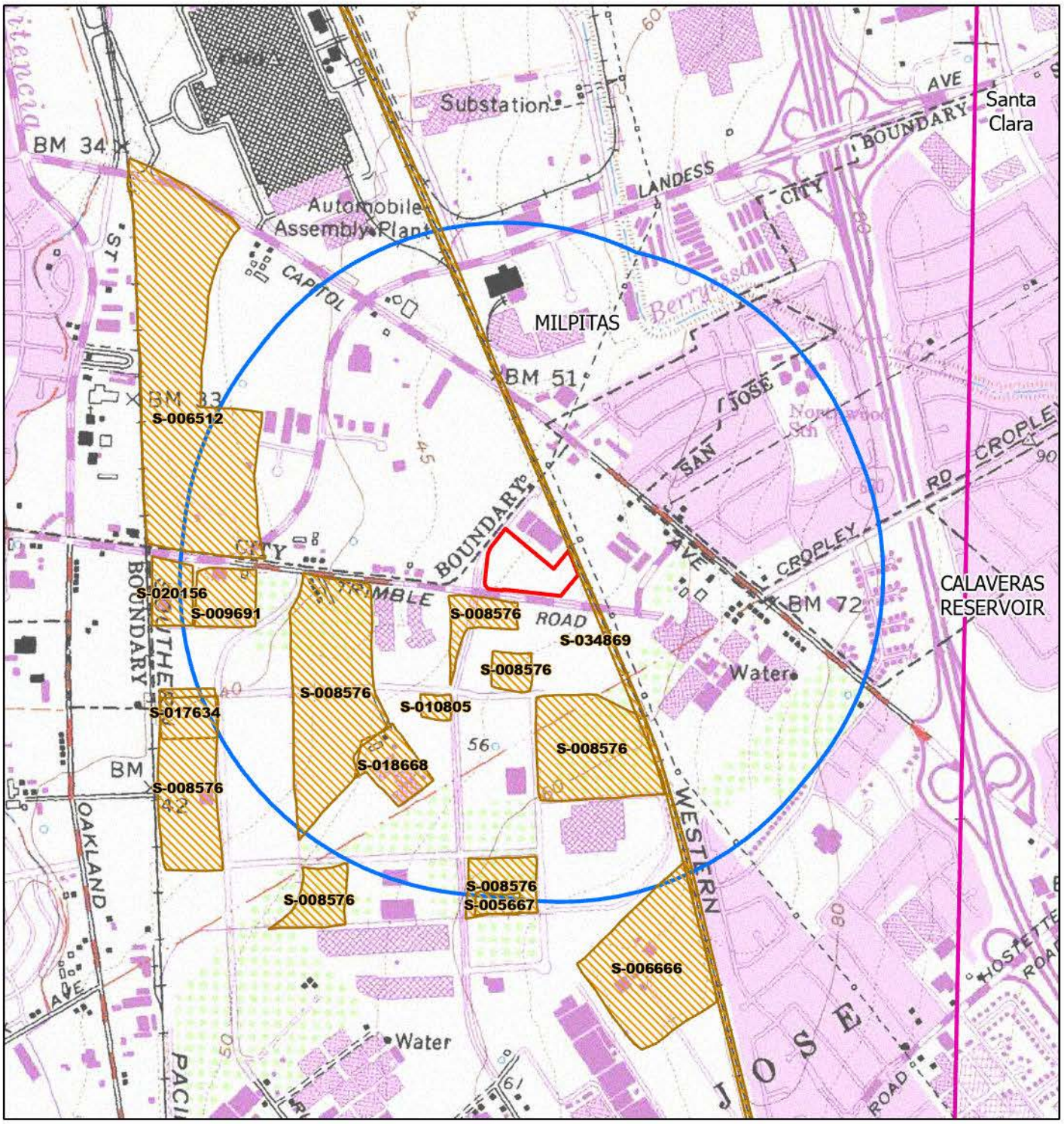
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 640, 1,280, 1,920, 2,560
Meters: 0, 80, 160, 240, 320, 400

N

- Reports (points)
- Reports (lines)
- Half Mile Buffer
- Project Area
- 7.5' Quads
- Counties

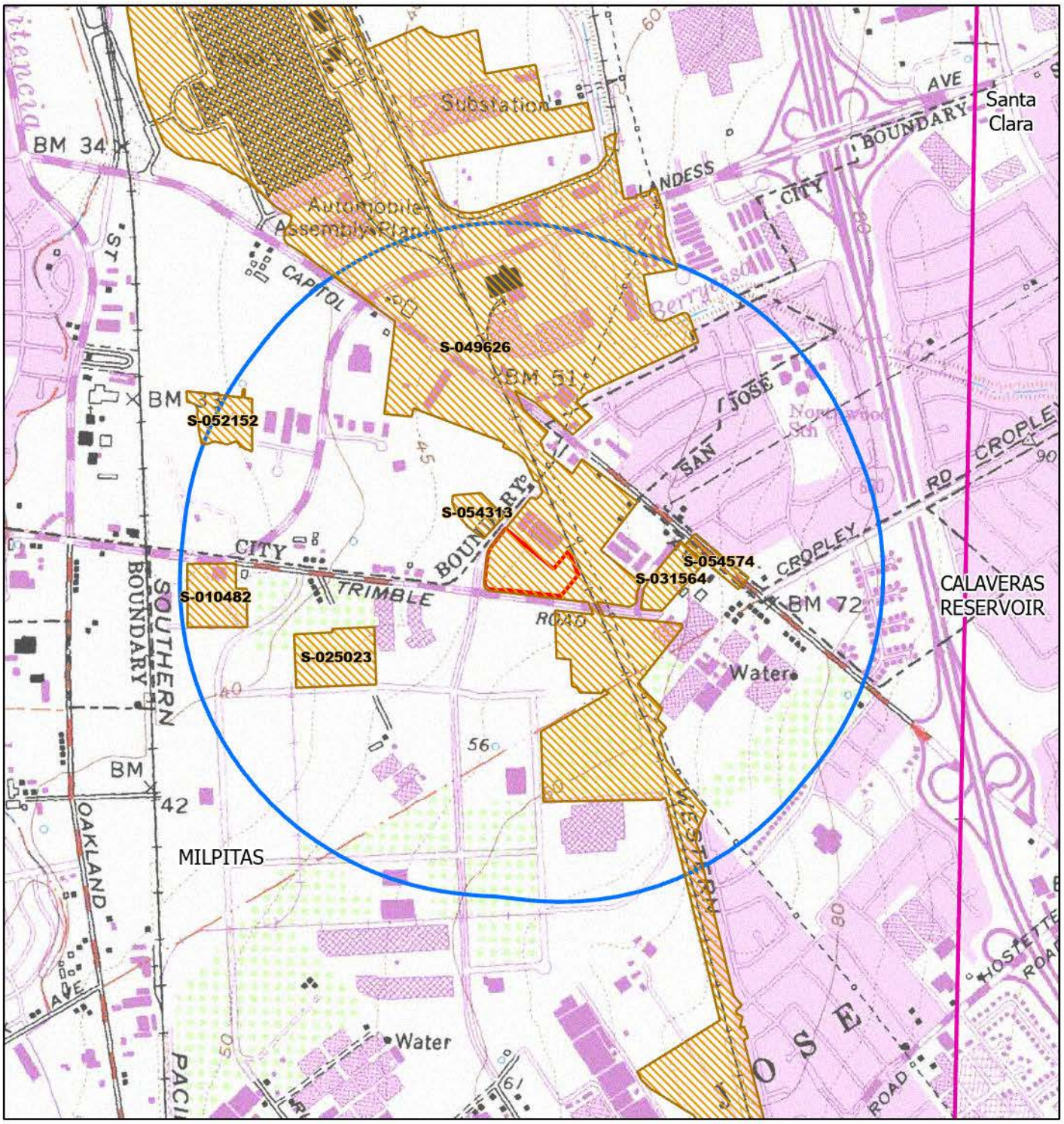
Report Map No. 6
Lundy Place Project



Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Reports (polygons)
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report Map No. 7
Lundy Place Project



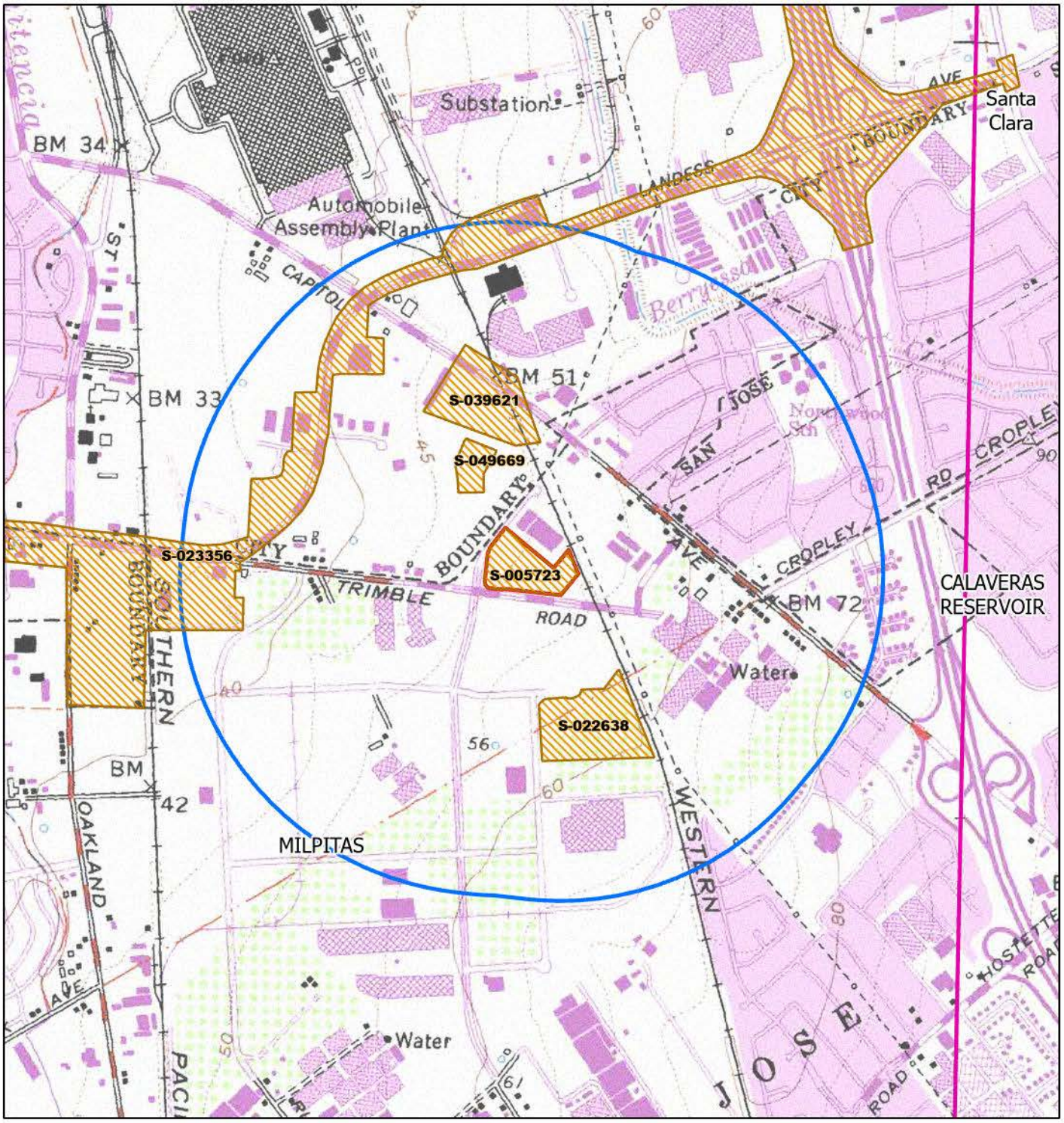
Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Feet: 0, 650, 1,300, 1,950, 2,600
Meters: 0, 80, 160, 240, 320, 400

N

Reports (polygons)
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report Map No. 8
Lundy Place Project



Northwest Information Center
File #24-1241 20 March 2025 D. Richards
May depict confidential cultural resource locations.
Do not distribute.

Reports (polygons)
Half Mile Buffer
Project Area
7.5' Quads
Counties

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-000848	Agency Nbr - Contract AA550-CT6-52	1976	David A. Fredrickson	A Summary of Knowledge of the Central and Northern California Coastal Zone and Offshore Areas, Vol. III, Socioeconomic Conditions, Chapter 7: Historical & Archaeological Resources	The Anthropology Laboratory, Sonoma State College; Winzler & Kelly Consulting Engineers	
S-003453	Voided - E-165 MNT	1950	Roy Meadows, Roy Martin, and Ann Fisher	Notes on the Carmel Indians (notes taken from Roy Meadows and Roy Martin on March 4th, 1950); and Southern Costanoan-Esselen Notes (notes taken from Ann Fisher on March 4th, 1950)		
S-004428	Voided - E-300 SCL	1975		HUD Community Development Block Grant: Cultural Resources	Archaeological Consulting & Research Services, Inc.	43-000346, 43-001468
S-004429	Submitter - Job No. 77-SC1-13; Voided - E-301 SCL	1977	Robert Cartier	Archeological Evaluation of the East San Jose Sanitary Sewer Interceptor in San Jose, CA.		
S-004737	Voided - E-623 SCL	1973	Austen D. Warburton	Archaeological Survey, Business Park off Trimble Road (letter report)		
S-004754	Voided - E-643 SCL	1973	Thomas M. King and Linda King	Visual Inventory of Historic and Archaeological Sites, San Jose, California	Santa Clara County Archaeological Society	
S-004772	Voided - E-661 SCL	1973	Thomas L. Jackson, Miley P. Holman, and Stephen A. Dietz	An Archaeological Reconnaissance of the Santa Clara County Flood Control and Water District East Zone Flood Control Project	Adan E. Treganza Anthropology Museum, California State University, San Francisco	43-000022, 43-000056, 43-000057, 43-000068, 43-000072, 43-000080
S-005259	Voided - E-733 SCL	1979	Ann Hines, Pauline Pace, and Gail Woolley	Santa Clara County Heritage Resource Inventory	Santa Clara County Historical Heritage Commission	
S-005260	Voided - E-734 SCL	1978	Joseph C. Winter	Tamien - 6000 Years in an American City		43-000141
S-005272	Voided - E-747 SCL	1932	Jan Otto Marius Broek	The Santa Clara Valley, California: A Study in Landscape Changes		
S-005667		1982	Miley Paul Holman	An archaeological field reconnaissance of the Oliver Flach property, International Business Park, northeast San Jose, California (letter report)	Holman & Associates	
S-005723	Voided - E-1192 SCL	1982	Patricia M. Ogrey and Colin I. Busby	A Cultural Resources Assessment: Lundy Place and Trade Zone Boulevard, City of San Jose	Basin Research Associates, Inc.	
S-006512		1984	Miley Paul Holman	Cali-Hunco (McCandless) Project Area, Milpitas, Archaeological Reconnaissance (letter report)	Holman & Associates	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-006618		1984	Donna M. Garaventa and Rebecca Loveland Anastasio	A Cultural Resources Assessment of a Proposed Pipeline along Wayne Avenue, McKay Drive, Ringwood Avenue, and Fortune Drive in the City of San Jose, California	Basin Research Associates, Inc.	
S-006666		1984	Suzanne Baker	Addendum to Archaeological Reconnaissance of the Century Research Center, San Jose, California.	Archaeological Consultants	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-007483		1985	Albert B. Elsasser, R. L. Anastasio, J. C. Bard, C. I. Busby, D. M. Garaventa, S. A. Guedon, E. L. Moore, K. M. Nissen, and M. E. Tannam	Revised Data Recovery Plan, Part I: Review of the Prehistory of the Santa Clara Valley Region as Part of the Guadalupe Transportation Corridor Compliance with 36 CFR Part 800	Basin Research Associates, Inc.	35-000013, 35-000025, 35-000026, 35-000036, 41-000080, 43-000019, 43-000021, 43-000022, 43-000023, 43-000026, 43-000051, 43-000052, 43-000057, 43-000058, 43-000061, 43-000062, 43-000064, 43-000067, 43-000071, 43-000072, 43-000073, 43-000074, 43-000075, 43-000080, 43-000081, 43-000082, 43-000083, 43-000084, 43-000085, 43-000086, 43-000087, 43-000089, 43-000092, 43-000096, 43-000097, 43-000098, 43-000120, 43-000124, 43-000132, 43-000133, 43-000138, 43-000139, 43-000140, 43-000141, 43-000142, 43-000143, 43-000145, 43-000146, 43-000147, 43-000148, 43-000149, 43-000153, 43-000159, 43-000175, 43-000189, 43-000201, 43-000205, 43-000207, 43-000214, 43-000215, 43-000217, 43-000220, 43-000221, 43-000222, 43-000223, 43-000225, 43-000226, 43-000227, 43-000228, 43-000229, 43-000230, 43-000232, 43-000233, 43-000234, 43-000237, 43-000239, 43-000240, 43-000242, 43-000244, 43-000246, 43-000247, 43-000249, 43-000251, 43-000252, 43-000255, 43-000256, 43-000257, 43-000258, 43-000259, 43-000266, 43-000267, 43-000276, 43-000277, 43-000281, 43-000284, 43-000294, 43-000295, 43-000300, 43-000302, 43-000303, 43-000304, 43-000308, 43-000310, 43-000317, 43-000319, 43-000320, 43-000321, 43-000325, 43-000346, 43-000349, 43-000360, 43-000369, 43-000370, 43-000377, 43-000378, 43-000379, 43-000410, 43-000411, 43-000414, 43-000422, 43-000423, 43-000448, 43-000451, 43-000458, 43-000459, 43-000460, 43-000465, 43-000485, 43-000502, 43-000504, 43-000965, 43-001002, 43-001008, 43-001015

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-008547	Voided - E-1051 SCL	1981	Fred M. Oglesby	A Cultural Resource Assessment of 1861-1811 North Capitol Avenue, San Jose, CA.		
S-008576	Voided - E-1079 SCL	1981	Miley Paul Holman	An archaeological field Rrconnaissance of the International Business Center in northeast San Jose, California (letter report)	Holman & Associates	
S-008585	Voided - E-1086 SCL	1974	Thomas King, Gary Berg, Patricia Hickman, Richard Hastings, Chester D. King, Katherine Flynn, and William Roop	Archaeological Element, Environmental Impact Report on the San Felipe Water Distribution System	Archaeological Resource Service	
S-009462		1977	Teresa Ann Miller	Identification and Recording of Prehistoric Petroglyphs in Marin and Related Bay Area Counties	San Francisco State University	07-000323, 21-000087, 21-000376, 21-000378, 21-000379, 21-000380, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000546, 23-000434, 23-000789, 23-000790, 49-000629, 49-000785, 49-000787
S-009583		1978	David W. Mayfield	Ecology of the Pre-Spanish San Francisco Bay Area	San Francisco State University	
S-009691	Submitter - ARS 86-74	1986	William Roop	Your job number 17145-711, archaeological evaluation of the Yellow Freight Systems, Inc. parcel, ARS 86-74 (letter report)	Archaeological Resource Service	
S-009718	Other - Santa Clara Calley Water District #6080-87-462	1988	Robert Cartier	Cultural Resource Evaluation of the Proposed Milpitas Pipeline Alignment in the Cities of San Jose and Milpitas, County of Santa Clara	Archeological Resource Management	
S-010482		1987	Miley Paul Holman	Archaeological Field Reconnaissance of the 1700 Montague Expressway Parcel, Yellow Freight Terminal, San Jose, Santa Clara County, California (letter report)	Holman & Associates	
S-010574		1989		Cultural Resource Evaluation of Reach 3 of the Proposed Milpitas Pipeline Alignment in the City of Milpitas, County of Santa Clara	Archaeological Resource Management	
S-010805		1989	Miley Paul Holman	Archaeological Field Inspection of the Fortune and Lundy Project Area, San Jose, Santa Clara County, California (letter report)	Holman & Associates	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-011396		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	BioSystems Analysis, Inc.	27-000819, 27-001444, 27-001445, 27-001446, 27-003235, 27-003236, 35-000036, 35-000053, 35-000151, 35-000152, 35-000153, 35-000154, 35-000167, 35-000168, 41-000009, 41-000105, 41-000169, 41-000172, 41-000230, 41-000231, 41-000410, 43-000024, 43-000028, 43-000042, 43-000050, 43-000178, 43-000179, 43-000180, 43-000181, 43-000182, 43-000183, 43-000184, 43-000189, 43-000245, 43-000247, 43-000248, 43-000388, 43-000449, 43-000456, 43-000595, 43-000619, 43-001001, 43-001010, 43-001059
S-012294	OHP PRN - UMTA890407A; OHP PRN - UMTA891122A; Voided - S-12468; Voided - S-12803; Voided - S-14070; Voided - S-32340	1990	Suzanne Baker and Laurence H. Shoup	Archaeological Survey Report, Tasman Corridor Project, Santa Clara County, California	Archaeological/Historical Consultants	43-000030, 43-000032, 43-000040, 43-000046, 43-000047, 43-000048, 43-000049, 43-000057, 43-000421, 43-000623, 43-000706, 43-000707, 43-000708, 43-000710, 43-000711, 43-000712, 43-000713, 43-000714, 43-000715, 43-000716, 43-000717, 43-003443, 43-003444, 43-003445, 43-003446, 43-003447, 43-003448, 43-003449, 43-003450, 43-003451, 43-003452, 43-003453, 43-003454, 43-003455, 43-003456, 43-003457, 43-003458, 43-003459, 43-003460, 43-003461, 43-003462, 43-003463, 43-003464, 43-003465, 43-003466, 43-003467, 43-003468, 43-003469, 43-003470, 43-003471, 43-003472, 43-003473, 43-003474, 43-003475, 43-003476, 43-003477, 43-003478, 43-003479, 43-003480, 43-003481, 43-003482, 43-003483, 43-003484, 43-003485, 43-003486, 43-003487, 43-003488, 43-003489, 43-003490, 43-003491, 43-003492, 43-003493, 43-003494, 43-003495, 43-003496, 43-003497, 43-003498, 43-003499, 43-003500, 43-003501, 43-003502, 43-003503, 43-003504, 43-003505

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-012294a		1991	Suzanne Baker and Laurence H. Shoup	Final Report, Archaeological Survey Report, Tasman Corridor Project, Santa Clara County, California	Archaeological/Historical Consultants	
S-012294b		1991	Mark Brack, Laurence H. Shoup, and Suzanne Baker	Historic Architectural Survey Report, Tasman Corridor Project, Santa Clara County, California	Archaeological/Historical Consultants	
S-012294c		1991	Suzanne Baker	Final Report, Addendum to Archaeological Survey Report, Tasman Corridor Project, Santa Clara County, California: Archaeological Testing at CA-SCL-20	Archaeological/Historical Consultants	
S-012294d		1992		Finding of Effect for the Tasman Corridor Light Rail Project	Archaeological/Historical Consultants; Woodward-Clyde Consultants	
S-012294e		1991	Kathryn Gualtieri, Steade R. Craigo, Daniel Abeyta, and Roy Molseed	UMTA891122A; UMTA890407A; Tasman Corridor, Santa Clara County; Santa Clara Valley Transportation Authority	California Office of Historic Preservation; Santa Clara Valley Transportation Authority	
S-012438		1990	David Chavez and Jan M. Hupman	Cultural Resources Evaluation for the Proposed Santa Clara County BART Extension Corridor	David Chavez and Associates	43-000369, 43-000473, 43-001010

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-013200		1991	Donna M. Garaventa, Colin I. Busby, Sondra A. Jarvis, and David G. Brittin	Cultural Resources Assessment for the Santa Clara County Transportation Plan - T2010 EIR	Basin Research Associates, Inc.	43-000019, 43-000024, 43-000025, 43-000026, 43-000030, 43-000031, 43-000032, 43-000040, 43-000046, 43-000047, 43-000048, 43-000049, 43-000058, 43-000085, 43-000106, 43-000137, 43-000139, 43-000141, 43-000149, 43-000175, 43-000178, 43-000179, 43-000180, 43-000181, 43-000182, 43-000183, 43-000184, 43-000189, 43-000192, 43-000210, 43-000211, 43-000245, 43-000246, 43-000247, 43-000248, 43-000259, 43-000260, 43-000303, 43-000334, 43-000338, 43-000341, 43-000345, 43-000354, 43-000361, 43-000365, 43-000369, 43-000382, 43-000391, 43-000395, 43-000398, 43-000404, 43-000412, 43-000415, 43-000418, 43-000421, 43-000444, 43-000449, 43-000455, 43-000462, 43-000468, 43-000472, 43-000474, 43-000476, 43-000483, 43-000555, 43-000558, 43-000565, 43-000566, 43-000573, 43-000601, 43-000614, 43-000624, 43-000626, 43-001001, 43-001010, 43-001013, 43-001071, 43-001077, 43-001078, 43-001084
S-014230	IC Record Search Nbr - 60800-92-62	1992	Robert Cartier, Allika Ruby, Jason Bass, and Mike Kelley	Evaluation of Archaeological Resources for the San Jose/Santa Clara Nonpotable Water Reclamation Project	Archaeological Resource Management	43-000026, 43-000027, 43-000057, 43-000058, 43-000318, 43-000349, 43-000423, 43-000448, 43-000451, 43-000473, 43-000529, 43-000554, 43-000561, 43-000564, 43-000576, 43-000588, 43-000614, 43-000623

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-015228		1993	Donna M. Garaventa, Stuart A. Guedon, and Colin I. Busby	Cultural Resources Review for the City of San Jose 2020 General Plan Update, Santa Clara County, California	Basin Research Associates, Inc.	43-000022, 43-000077, 43-000078, 43-000079, 43-000086, 43-000090, 43-000120, 43-000141, 43-000147, 43-000150, 43-000151, 43-000153, 43-000154, 43-000155, 43-000156, 43-000157, 43-000158, 43-000164, 43-000165, 43-000166, 43-000185, 43-000186, 43-000187, 43-000188, 43-000189, 43-000208, 43-000211, 43-000220, 43-000221, 43-000222, 43-000223, 43-000225, 43-000249, 43-000303, 43-000324, 43-000354, 43-000362, 43-000416, 43-000424, 43-000459, 43-000479, 43-000566, 43-000568, 43-000569, 43-000623, 43-001022, 43-001058
S-015529		1993	Robert L. Gearhart II, Clell L. Bond, Steven D. Hoyt, James H. Cleland, James Anderson, Pandora Snethcamp, Gary Wesson, Jack Neville, Kim Marcus, Andrew York, and Jerry Wilson	California, Oregon, and Washington: Archaeological Resource Study	Espey, Huston & Associates, Inc.; Dames & Moore	01-000033, 01-000034, 01-000084, 01-000086, 01-000104, 07-000133, 07-000173, 07-000175, 07-000177, 17-000072, 17-000392, 21-000048, 21-001915, 23-001704, 27-000100, 27-000236, 27-000335, 27-000356, 27-000386, 27-000485, 38-000028, 38-000072, 38-000085, 38-000098, 41-000080, 41-000265, 44-000179

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-016394	Voided - S-18290; Voided - S-19068; Voided - S-21166	1994	Colin I. Busby, Donna M. Garaventa, Stuart A. Guedon, and Melody E. Tannam	Recorded Archaeological Resources in Santa Clara County, California (Plotted on the BARCLAY 1993 LoCaide Atlas)	Basin Research Associates, Inc.	43-000005, 43-000006, 43-000007, 43-000009, 43-000010, 43-000011, 43-000012, 43-000013, 43-000014, 43-000015, 43-000016, 43-000019, 43-000021, 43-000023, 43-000025, 43-000026, 43-000027, 43-000028, 43-000029, 43-000030, 43-000031, 43-000032, 43-000033, 43-000034, 43-000035, 43-000036, 43-000037, 43-000038, 43-000039, 43-000040, 43-000041, 43-000042, 43-000043, 43-000044, 43-000045, 43-000046, 43-000047, 43-000048, 43-000049, 43-000055, 43-000056, 43-000057, 43-000068, 43-000139, 43-000141, 43-000167, 43-000168, 43-000169, 43-000218, 43-000244, 43-000277, 43-000285, 43-000296, 43-000308, 43-000310, 43-000317, 43-000318, 43-000322, 43-000335, 43-000336, 43-000337, 43-000346, 43-000349, 43-000365, 43-000386, 43-000387, 43-000388, 43-000389, 43-000393, 43-000397, 43-000413, 43-000418, 43-000421, 43-000423, 43-000432, 43-000441, 43-000448, 43-000451, 43-000452, 43-000454, 43-000461, 43-000463, 43-000465, 43-000473, 43-000486, 43-000493, 43-000529, 43-000551, 43-000552, 43-000554, 43-000556, 43-000557, 43-000561, 43-000564, 43-000567, 43-000576, 43-000577, 43-000578, 43-000579, 43-000580, 43-000581, 43-000586, 43-000587, 43-000588, 43-000591, 43-000592, 43-000593, 43-000594, 43-000595, 43-000596, 43-000604, 43-000605, 43-000606, 43-000608, 43-000609, 43-000610, 43-000611, 43-000612, 43-000614, 43-000616, 43-000617, 43-000619, 43-000621, 43-000623, 43-000624, 43-000627, 43-000634, 43-000635, 43-000643, 43-000649, 43-000650, 43-000651, 43-000652, 43-000653, 43-000654, 43-000655, 43-000656, 43-000657,

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						43-000658, 43-000659, 43-000660, 43-000661, 43-000672, 43-000673, 43-000675, 43-000968, 43-000969, 43-001106
S-016394a		1995	Colin I. Busby, Donna M. Garaventa, Stuart A Guedon, and Melody E. Tannam	First Supplement, Recorded Archaeological Resources in Santa Clara County, California	Basin Research Associates, Inc.	
S-016394b		1996	Colin I. Busby, Donna M. Garaventa, Stuart A. Guedon, and Melody E. Tannam	Second Supplement, Recorded Archaeological Resources in Santa Clara County, California	Basin Research Associates, Inc.	
S-016394c		1997	Colin I. Busby, Donna M. Garaventa, Stuart A. Guedon, and Melody E. Tannam	Third Supplement, Recorded Archaeological Resources in Santa Clara County, California	Basin Research Associates, Inc.	
S-017634		1995	Robert Cartier	Cultural Resource Evaluation, W.W. Grainger Expansion Project in the City of San Jose	Archaeological Resource Management	
S-017852		1995	Jacquelin Jensen Kehl and Linda Yamane	Ethnohistoric Genealogy Study, Tasman Corridor Light Rail Project, Santa Clara County, California	Woodward-Clyde Consultants	43-000032
S-018217		1996	Glenn Gmoser	Cultural Resource Evaluations for the Caltrans District 04 Phase 2 Seismic Retrofit Program, Status Report	California Department of Transportation	01-000014, 01-000023, 01-000227, 07-000108, 07-000119, 38-000002, 38-000004, 41-000273, 43-000106, 43-000297, 43-000624, 43-001078, 44-000010, 44-000201, 44-000300, 49-000195
S-018668		1996	Archaeological Resource Management	Cultural Resource Evaluation for the Flextronics Fortune Drive Project in the City of San Jose.	Archaeological Resource Management	
S-020156		1997	Robert R. Cartier	Cultural Resource Evaluation of a 5.36 Acre Parcel Located at Ringwood Avenue in the City of San Jose	Archaeological Resource Management	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-020395		1998	Donna L. Gillette	PCNs of the Coast Ranges of California: Religious Expression or the Result of Quarrying?	California State University, Hayward	07-000094, 07-000323, 12-000050, 17-000071, 17-001315, 21-000087, 21-000376, 21-000378, 21-000379, 21-000381, 21-000382, 21-000383, 21-000384, 21-000386, 21-000387, 21-000388, 21-000389, 21-000390, 21-000391, 21-000392, 21-000393, 21-000394, 21-000395, 21-000396, 21-000397, 21-000398, 21-000399, 21-000400, 21-000401, 21-000402, 21-000419, 21-000433, 21-000546, 21-000620, 21-000621, 21-000624, 21-000661, 23-000434, 23-000809, 23-000810, 23-001698, 23-001725, 23-001792, 23-001798, 23-001799, 23-001803, 23-001804, 23-001930, 23-001942, 23-001950, 23-001963, 35-000013, 43-000067, 43-000080, 43-000287, 43-000289, 43-000504, 49-000046, 49-000240, 49-000533, 49-000550, 49-000629, 49-000785, 49-000787, 49-000868, 49-000960, 49-000975, 49-001004, 49-001087, 49-001239, 49-002121
S-022638		2000	Robert R. Cartier	Cultural Resource Evaluation of Approximately 11 Acres of Land at the Intersection of Qume and Fortune Drives in the City of San Jose	Archaeological Resource Management	
S-023356		1999	Ward Hill	Historic Property Survey Report, Montague Expressway Project, Cities of Santa Clara, San Jose and Milpitas, Santa Clara County, California	Basin Research Associates, Inc.	43-000365
S-023356a		1999		Archaeological Survey Report (Positive), Montague Expressway Improvements Project, Cities of Santa Clara, San Jose and Milpitas, Santa Clara County, California	Basin Research Associates, Inc.	
S-023356b		1999	Ward Hill	Historic Architectural Survey Report (Abbreviated), Montague Expressway Improvement Project, Cities of Santa Clara, San Jose and Milpitas, Santa Clara County, California Department of Transportation District 4		

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-025023		2001		Archaeological Evaluation Report, Micrel Semiconductor Project, 1849 Fortune and 1931 Fortune Drive (APN 244-17-009 and-13), City of San Jose, Santa Clara County, California	Basin Research Associates, Inc.	
S-026045		2000	Richard Carrico, Theodore Cooley, and William Eckhardt	Cultural Resources Reconnaissance Survey and Inventory Report for the Metromedia Fiberoptic Cable Project, San Francisco Bay Area and Los Angeles Basin Networks	Mooney & Associates	01-000038, 01-000040, 01-000042, 01-000068, 01-000072, 01-000091, 01-000092, 01-000108, 01-000120, 01-000233, 01-000239, 01-000240, 01-000241, 01-010527, 01-010528, 01-010529, 01-010530, 01-010531, 01-010532, 01-010533, 01-010534, 01-010535, 07-000719, 21-000034, 21-000097, 21-000529, 21-000536, 21-000563, 38-000015, 41-000009, 41-000044, 41-000077, 41-000095, 41-000105, 41-000152, 41-000169, 41-000172, 41-000174, 41-000187, 41-000230, 41-000231, 41-000232, 41-000281, 41-000302, 41-000310, 41-000311, 41-000312, 41-000315, 41-000318, 41-000640, 43-000021, 43-000024, 43-000028, 43-000042, 43-000050, 43-000058, 43-000141, 43-000338, 43-000369, 43-000382, 43-000383, 43-000388, 43-000396, 43-000398, 43-000418, 43-000424, 43-000444, 43-000462, 43-000467, 43-000472, 43-000551, 43-000565, 43-000595, 43-000617, 43-000619, 43-000621, 43-000669, 43-001010, 43-001071, 43-001083, 43-001084
S-030204		2003	Donna L. Gillette	The Distribution and Antiquity of the California Pecked Curvilinear Nucleated (PCN) Rock Art Tradition.	University of California, Berkeley	01-002148, 21-000384, 23-000810
S-031564		2005	Miley Paul Holman	Archaeological Literature Review and Field Inspection of the Capitol and Autumnvale Project Area, San Jose, Santa Clara County, California (letter report)	Holman & Associates	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-032596	Caltrans - EA No. 447600; Other - Contract #04A2098	2006	Randall Milliken, Jerome King, and Patricia Mikkelsen	The Central California Ethnographic Community Distribution Model, Version 2.0, with Special Attention to the San Francisco Bay Area, Cultural Resources Inventory of Caltrans District 4 Rural Conventional Highways	Consulting in the Past; Far Western Anthropological Research Group, Inc.	
S-033600	Agency Nbr - Contract No. 04A2098; Caltrans - EA No. 447600	2007	Jack Meyer and Jeff Rosenthal	Geoarchaeological Overview of the Nine Bay Area Counties in Caltrans District 4	Far Western Anthropological Research Group, Inc.	01-000001, 01-000002, 01-000014, 01-000063, 01-000064, 01-000067, 01-000080, 01-000124, 01-000139, 01-000140, 01-001795, 01-002110, 01-002160, 01-002162, 01-002245, 07-000019, 07-000024, 07-000037, 07-000047, 07-000075, 07-000079, 07-000088, 07-000089, 07-000108, 07-000182, 07-000185, 07-000186, 07-000217, 07-000239, 07-000401, 07-000721, 21-000010, 21-000048, 21-002615, 28-000009, 28-000028, 28-000301, 28-000967, 38-000006, 38-000028, 38-000101, 38-000102, 38-000119, 41-000080, 41-000284, 43-000016, 43-000189, 43-000296, 43-000308, 43-000310, 43-000423, 43-000424, 43-000448, 43-000451, 43-000485, 43-000561, 43-000604, 43-000608, 43-000614, 43-000623, 43-001015, 43-001058, 43-001080, 43-001163, 43-001194, 43-001576, 48-000007, 48-000157
S-034214		1995		Final Report: Archaeological Collections Project for the Redevelopment Agency of the City of San Jose	Basin Research Associates, Inc.	43-000058, 43-000141, 43-000383, 43-000467, 43-001202, 43-001911
S-034869		2008	Jeffrey Rosenthal and Charlene Duval	Archaeological Survey and Geoarchaeological Trenching for the Freight Railroad Relocation and Lower Berryessa Creek Project in the Cities of Fremont and Milpitas, California	Far Western Anthropological Research Group, Inc.	
S-037894		2011	Jennifer Thomas	Line-300B ERCON Erosion Control - Cultural Resource Study (letter report)	Far Western Anthropological Research Group, Inc.	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-038390		2011	Jennifer Thomas	Cultural Resources Inventory of the Silicon Valley Berryessa Extension, Gas and Electric Distribution Relocation Project, Santa Clara County, California	Far Western Anthropological Research Group, Inc.	01-001783, 01-002190, 35-000334, 43-000928, 43-001010, 43-002654
S-039621		2012	Jennifer Thomas	VTA/BART Capitol Avenue Gas Transmission Relocation Project (Order # 30603802) – Cultural Resources Study (letter report)	Far Western Anthropological Research Group, Inc.	
S-046375		2012		County of Santa Clara Historic Context Statement	Archives and Architecture, LLC.	
S-047736		2016	Philip Kaijankoski and Naomi Scher	Archaeological Survey and Extended Phase I Testing Report for the Montague Expressway Pedestrian Overcrossing Project, Milpitas, California	Far Western Anthropological Research Group	
S-048927		1997	Donald Scott Crull	The Economy and Archaeology of European-made Glass Beads and Manufactured Goods Used in First Contact Situations in Oregon, California and Washington	University of Sheffield, England	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-049626	OHP PRN - FTA 040219A; OHP PRN - FTA030325A; OHP PRN - FTA040217A; Voided - S-37032	2010	Brian F. Byrd, Rebecca Allen, Jack Meyer, Jeffrey Rosenthal, Adie Whitaker, and Charlene Duval	Archaeological Research Design and Treatment Plan for the Berryessa Extension Project, Fremont, Milpitas, and San Jose, California	Far Western Anthropological Research Group, Inc.; Past Forward, Inc.	01-010542, 01-011456, 01-012006, 01-012007, 01-012008, 01-012009, 01-012010, 43-000050, 43-000369, 43-001010, 43-001240, 43-001241, 43-001244, 43-001327, 43-001377, 43-001381, 43-001382, 43-001383, 43-001384, 43-001385, 43-001386, 43-001387, 43-001388, 43-001389, 43-001397, 43-001398, 43-001399, 43-001400, 43-001401, 43-001402, 43-001403, 43-001404, 43-001405, 43-001406, 43-001407, 43-001491, 43-001621, 43-001629, 43-001630, 43-001631, 43-001632, 43-002873, 43-003033, 43-003154, 43-003534, 43-003900, 43-003901, 43-003902, 43-003903, 43-003904, 43-003905, 43-003906, 43-003907, 43-003908, 43-003909, 43-003910, 43-003911, 43-003912, 43-003913, 43-003914, 43-003915, 43-003916, 43-003917, 43-003918, 43-003919, 43-003920, 43-003921, 43-003922, 43-003923, 43-003924, 43-003925, 43-003926, 43-003927, 43-003928, 43-003929, 43-003930, 43-003931, 43-003932, 43-003933, 43-003934, 43-003935, 43-003936
S-049626a		2010		Programmatic Agreement Between the Federal Transit Administration and the California State Historic Preservation Officer Regarding the Berryessa Extension Project Alternative of the Silicon Valley Rapid Transit Corridor Project in Alameda and Santa Clara Counties		
S-049626b		2010	Edward Carranza and Michael T. Burns	Silicon Valley Rapid Transit Corridor: Volume I, Final Environmental Impact Statement and 4(f) Evaluation	Federal Transit Administration U.S. Department of Transportation; Santa Clara Valley Transportation Authority	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-049626c		2010		Silicon Valley Rapid Transit Corridor: Volume II, Final Environmental Impact Statement and 4(f) Evaluation	U.S. Department of Transportation Federal Transit Administration; Santa Clara Valley Transportation Authority	
S-049626d		2010	Meta Bunse	Historic Architectural Resources Section 106 compliance update for the Silicon Valley Rapid Transit Corridor, extension of San Francisco Bay Area Rapid Transit (BART)	JRP Historical Consulting, LLC	
S-049626e		2010	Allika Ruby, Sharon Waechter, Charlene Duval, and Jeffrey Rosenthal	Santa Clara Valley Transportation Authority (VTA) Silicon Valley Rapid Transit Corridor EIS/SEIR, Technical Memorandum, Archaeological Survey and Sensitivity Report for SVRTC EIS/SEIR Alternative	Far Western Anthropological Research Group, Inc.	
S-049626f		2008		Santa Clara Valley Transportation Authority (VTA) Silicon Valley Rapid Transit Corridor EIS/SEIR, Technical Memorandum, Historical Resources Inventory and Evaluation Report for SVRTC EIS	JRP Historical Consulting, LLC	
S-049626g		2008	Thomas W. Fitzwater, Milford Wayne Donaldson, Stephen D. Mikesell, and Gloria Sciara	FTA04217A, Silicon Valley Rapid Transit Corridor Project	Santa Clara Valley Transportation Authority; California Office of Historic Preservation; San Jose Historic Landmarks Commission	
S-049626h		2003	Knox Mellon, Meta Bunse, Thomas W. Fitzwater, and Leslie T. Rogers	FTA030325A; Silicon Valley Rapid Transit Corridor Project, San Jose, Santa Clara County	California Office of Historic Preservation; Valley Transportation Authority; U.S. Department of Transportation	
S-049626i		2013	Thomas W. Fitzwater	Invitation to participate in the Environmental Review Process for the BART Silicon Valley Sanata Clara Extension (SVSX) Project, which is Phase II of the BART Silicon Valley Program	Santa Clara Valley Transportation Authority	
S-049626j		2009	Thomas W. Fitzwater	Silicon Valley Rapid Transit Corridor Project, FTA A040219A	Santa Clara Valley Transportation Authority	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-049669	Submitter - LSA Project TBR1704	2017	Ryan Gross	Archaeological and Paleontological Monitoring Results for the 1980 Tarob Court Project, Milpitas, Santa Clara County, California (LSA Project TBR1704) (letter report)	LSA	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-049780	OTIS Report Number - FHWA_2016_0615_001	2017	Brian F. Byrd, Adrian R. Whitaker, Patricia J. Mikkelsen, and Jeffrey S. Rosenthal	San Francisco Bay-Delta Regional Context and Research Design for Native American Archaeological Resources, Caltrans District 4	California Department of Transportation, District 4	01-000001, 01-000002, 01-000014, 01-000015, 01-000022, 01-000033, 01-000034, 01-000038, 01-000062, 01-000066, 01-000080, 01-000084, 01-000086, 01-000087, 01-000089, 01-000104, 01-000105, 01-000106, 01-000107, 01-000116, 01-000117, 01-000139, 01-000152, 01-000175, 01-000197, 01-000201, 01-000202, 01-000234, 01-000237, 01-001795, 01-002120, 01-002160, 01-002162, 01-002245, 01-002280, 01-010509, 01-010610, 01-011556, 07-000019, 07-000021, 07-000029, 07-000033, 07-000037, 07-000047, 07-000066, 07-000070, 07-000079, 07-000080, 07-000089, 07-000093, 07-000098, 07-000105, 07-000117, 07-000118, 07-000147, 07-000148, 07-000149, 07-000150, 07-000154, 07-000168, 07-000173, 07-000174, 07-000175, 07-000176, 07-000185, 07-000186, 07-000189, 07-000197, 07-000217, 07-000227, 07-000230, 07-000238, 07-000239, 07-000242, 07-000309, 07-000359, 07-000365, 07-000366, 07-000400, 07-000401, 07-000440, 07-000441, 07-000459, 07-000461, 07-000462, 07-000721, 07-000724, 07-000790, 07-000792, 07-002570, 07-002592, 07-002650, 07-004537, 21-000002, 21-000036, 21-000043, 21-000045, 21-000048, 21-000051, 21-000057, 21-000058, 21-000066, 21-000070, 21-000072, 21-000073, 21-000074, 21-000075, 21-000097, 21-000106, 21-000109, 21-000142, 21-000143, 21-000152, 21-000163, 21-000164, 21-000165, 21-000166, 21-000167, 21-000175, 21-000177, 21-000193, 21-000195, 21-000196, 21-000199, 21-000200, 21-000217, 21-000218, 21-000219, 21-000220, 21-000221, 21-000222, 21-000256, 21-000295, 21-000305, 21-000306, 21-000327, 21-000332, 21-000337,

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						21-000346, 21-000369, 21-000423, 21-000459, 21-000462, 21-000528, 21-000541, 21-000544, 21-000552, 21-000664, 21-000675, 21-002625, 27-000613, 28-000028, 28-000029, 28-000175, 28-000176, 28-000667, 28-000874, 38-000004, 38-000006, 38-000007, 38-000017, 38-000021, 38-000022, 38-000026, 38-000028, 38-000029, 38-000030, 38-000031, 38-000101, 38-000102, 38-000119, 38-000162, 38-000172, 38-004265, 38-004318, 38-004319, 38-004326, 38-004329, 38-004352, 38-004638, 38-004882, 38-005131, 38-005503, 41-000001, 41-000009, 41-000011, 41-000027, 41-000028, 41-000037, 41-000044, 41-000075, 41-000080, 41-000081, 41-000086, 41-000087, 41-000103, 41-000117, 41-000127, 41-000136, 41-000141, 41-000142, 41-000149, 41-000152, 41-000160, 41-000204, 41-000244, 41-000252, 41-000259, 41-000263, 41-000265, 41-000284, 41-000308, 41-000315, 41-002076, 43-000016, 43-000019, 43-000021, 43-000024, 43-000026, 43-000027, 43-000032, 43-000050, 43-000057, 43-000082, 43-000085, 43-000087, 43-000137, 43-000141, 43-000167, 43-000277, 43-000285, 43-000295, 43-000302, 43-000308, 43-000310, 43-000321, 43-000324, 43-000334, 43-000349, 43-000360, 43-000423, 43-000465, 43-000479, 43-000485, 43-000549, 43-000576, 43-000578, 43-000579, 43-000581, 43-000586, 43-000587, 43-000588, 43-000595, 43-000604, 43-000608, 43-000614, 43-000618, 43-000624, 43-000662, 43-000989, 43-000990, 43-001058, 43-001060, 43-001071, 43-001163, 43-001164, 43-001172, 43-001194, 43-001279, 43-001531, 43-001594, 43-001768, 43-001838, 43-001871, 43-002704, 43-003005,

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
						48-000007, 48-000019, 48-000033, 48-000075, 48-000083, 48-000150, 48-000175, 48-000176, 48-000188, 48-000898, 49-000199, 49-001011, 49-001862
S-049780a		2016	Julianne Polanco	FHWA_2016_0615_001, Caltrans District 4 Archaeological Context	California Office of Historic Preservation	
S-052152		2019	Sunshine Psota	Results of a CEQA Archaeological Survey and Initial Consultation for McCandless Park Project No. 5102, McCandless Well Site Project No. 7076 and Penitencia Creek Pedestrian Bridge Project No. 2005, Milpitas, Santa Clara County, California (letter report)	Holman & Associates	
S-053849	Agency Nbr - Contract No.: W912PL-07-D-0048; Agency Nbr - Task Order No.: CM08	2010		Historic Properties Survey Report and Finding of Effect, Berryessa Creek Project, Cities of San Jose and Milpitas, Santa Clara County, California, Contract No.: W912PL-07-D-0048, Task Order No.: CM08	Basin Research Associates, Inc.	43-000168, 43-000169, 43-000588
S-054313	Submitter - LSA Project #TBR1801	2020	Lora Holland	Archaeological and Paleontological Mitigation Compliance for Phase 2 of the Tarob Court Project, Milpitas, Santa Clara County, California (LSA Project #TBR1801)	LSA Associates, Inc.	
S-054574		2020	Christina Alonso	Memorandum of Archaeological Monitoring for the Cropley Crossover Installation Project, City of San Jose, Santa Clara County, California (letter report)	PaleoWest Archaeology	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-056662		2022	Kyle Palazzolo	Dressed for Success: Assessing and Contextualizing Flower-Pot Mortars	California State University, Chico	01-000001, 01-000002, 01-000015, 01-000034, 01-000086, 01-000104, 01-000105, 01-002280, 01-010610, 01-011986, 07-000032, 07-000033, 07-000037, 07-000047, 07-000080, 07-000105, 07-000117, 07-000118, 07-000123, 07-000131, 07-000173, 07-000174, 07-000185, 07-000309, 07-000365, 21-000017, 21-000070, 21-000097, 21-000106, 21-000218, 21-000242, 21-000252, 21-000262, 21-000295, 21-000332, 21-000346, 21-000640, 28-000015, 28-000061, 38-000004, 41-000044, 43-000021, 43-000057, 43-000360, 43-001279, 43-001843, 48-000083, 48-000150, 49-000362, 49-000915

E-1192 SCL

S-5723

A CULTURAL RESOURCES ASSESSMENT: LUNDY PLACE AND TRADE ZONE BOULEVARD, CITY OF SAN JOSE

FOR

SOBRATO DEVELOPMENT
CUPERTINO, CALIFORNIA

Colin I. Busby
PRINCIPAL INVESTIGATOR

BY

Patricia M. Ogrey and Colin I. Busby

BASIN RESEARCH ASSOCIATES, INC.
31162 San Clemente Street
Suite 110
Hayward, California 94544

April, 1982

NOTICE AND STIPULATION

Because this document discusses exact cultural resource locations, it must be kept ADMINISTRATIVELY CONFIDENTIAL and should only be released to qualified personnel who are directly connected with the proposed project or interested members of the professional anthropological community, on a need-to-know basis, and;

This report must either be presented in the final draft Environmental Impact Statement or other documents exactly as received, or, if the language, meaning, or intent are changed in any way, it must be submitted to the authors for final approval or revision.

EXECUTIVE SUMMARY

A cultural resources was undertaken for a land parcel on Lundy Place and Trade Zone Boulevard, City of San Jose. The archival research and field reconnaissance survey yielded no traces of surface cultural resources. It is recommended that the project proceed as planned with no special stipulations in regards to cultural resources.

INTRODUCTION

In April of 1982, Basin Research Associates, Inc. was retained by United Soil Engineering, Santa Clara, to conduct a cultural resources assessment of a land parcel located on the northeast corner of Lundy Place and Trade Zone Boulevard , City of San Jose. This evaluation was requested in order to fulfill the various mandates of the California Environmental Quality Act (CEQA) and other cultural resource and planning directives required by the City of San Jose. This report has been prepared in accordance with the Recommendations for Archaeological Impact Evaluations: Procedures and Guidelines for Archaeological Consultant Qualifications (prepared for Santa Clara County by R. Edwards) for the California Archaeological Site Inventory, Regional Office No. 1, Cabrillo College, Aptos.

LOCATION (Fig. 1)

The parcel is located on the northeast corner of Lundy Place and Trade Zone Boulevard, City of San Jose. The parcel is bounded on the south by Trade Zone Boulevard, on the west by Lundy Place, on the north by a building and chain link fence, and on the east by the Western Pacific Railroad tracks and another building. The lot is 6.49 acres in size and is zoned M-1.

RESEARCH SOURCES CONSULTED

The following research sources were consulted by Basin Research Associates, Inc. for this assessment:

(1) A prehistoric and historic site records search was performed by personnel at the California Archaeological Site Inventory, Northwest Regional Center, Sonoma State University, Rohnert Park.

(2) National Register of Historic Places (1979-82).

(3) Historical maps and proprietary archive material on file at Basin Research Associates, Inc. Hayward.

ARCHIVAL RESEARCH - RESULTS

The archival research did not indicate the presence of any significant prehistoric or historic sites on the property. A previous report by

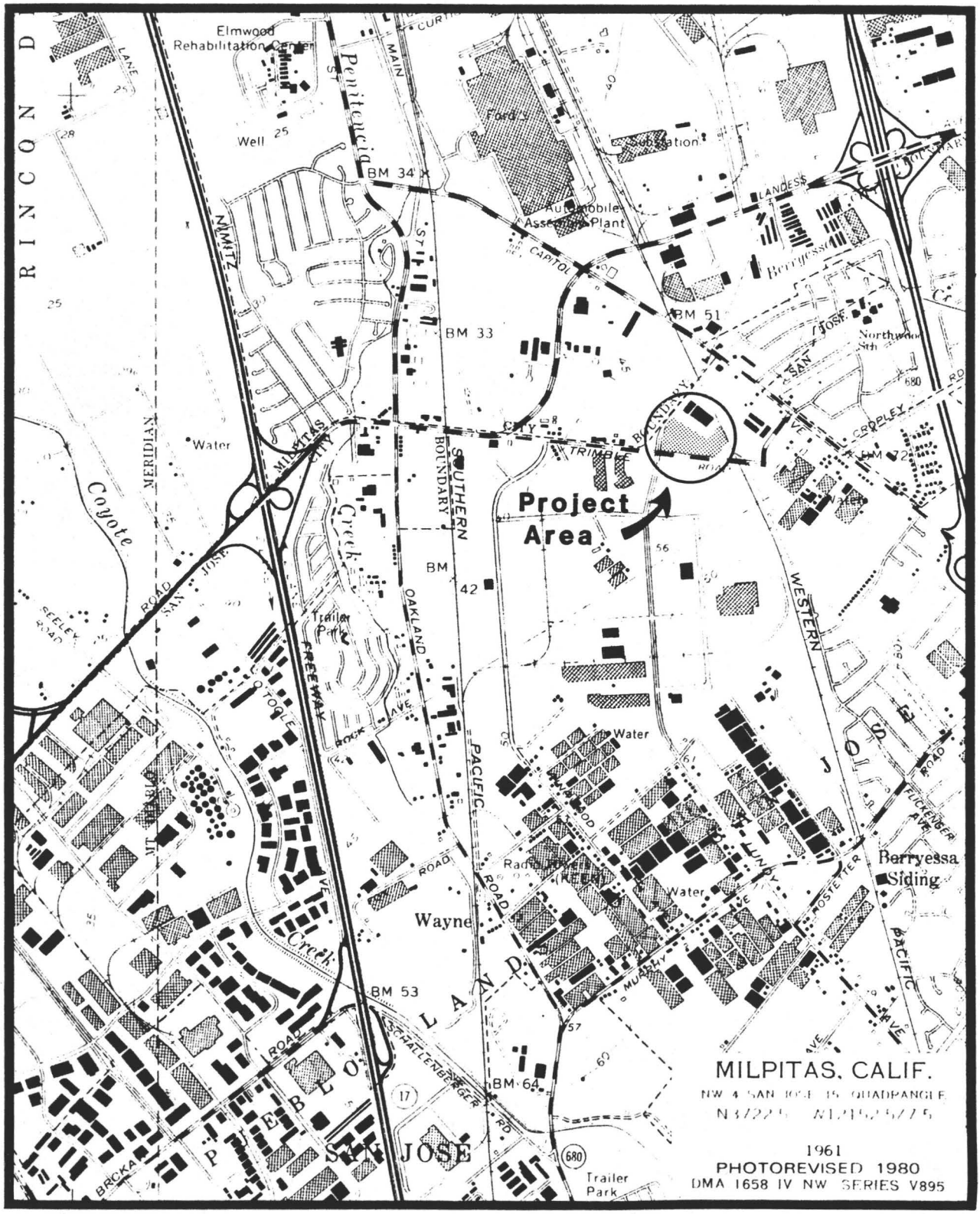
Elmwood Rehabilitation Center
Well
Penitencia
MAIN
Ford's
Substation
BM 34
Automobile Assembly Plant
CAPITOL
LANDESS
Berryessa
BM 51
BM 33
Northwood Sch
SAN JOSE
CROPLEY
RD
680
RINCON D
NIMITZ
MERIDIAN
Water
MILPITAS CITY
Coyote
Creek
SOUTHERN BOUNDARY
CITY
TRIMBLE
BOUNDARY
Project Area
BM 72
Water
BM 42
OAKLAND
WESTERN
SAN JOSE
SEELEY ROAD
Trailer Park
FREEWAY
COTOOLE
ROCK AVE
PACIFIC
Water
Radio Towers (KEEN)
Water
Wayne
Berryessa Siding
FLICKENGER AVE
HOSTETTER
MURPHY
PACIFIC
BM 53
SCHALLENBERGER RD
BM 64
17
680
PUEBLO LAND
SAN JOSE
Trailer Park
MILPITAS, CALIF.
NW 4 SAN JOSE 15 QUADRANGLE
1961
PHOTOREVISED 1980
DMA 1658 IV NW SERIES V895

Figure 1.

Warburton (1973) and a supplement by King (1973) indicate no cultural resources on the land surveyed in this assessment although both King and Warburton refer to the presence of some "midden" several hundred meters to the south. Their reports were never apparently followed up and it is possible that an archaeological site (unreported) may be present in the area.

No significant historic buildings were noted on the parcel during the previous survey (cf. Warburton 1973).

FIELD METHODOLOGY

An intensive field reconnaissance was conducted on the land parcel by a trained archaeologist. Specifically, a general surface reconnaissance was carried out as defined below:

> 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 the vegetation or structural cover, 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 unlikely that some kinds of archaeological phenomena would be preserved, or where surface conditions obscure such phenomena to a point at which they could not be observed without undertaking large scale brush clearing, grading, etc. (from King et al. 1973; King 1978; Edwards 1979).

RESEARCH RESULTS - FIELD RECONNAISSANCE

An intensive field reconnaissance/inventory of the land parcel was conducted by Ms. Patricia M. Ogrey of Basin Research Associates, Inc., Technical Staff on April 20, 1982. The parcel was covered with rye grass which obscured ground visibility to less than 10%. Ground squirrel activity had produced numerous subsurface soil exposures which, upon close inspection, failed to reveal any cultural materials. No cultural resources were observed on or in the survey area.

SUMMARY/MANAGEMENT RECOMMENDATIONS

A prehistoric and historic site records search and field reconnaissance

were undertaken for a proposed land development in the vicinity of Lundy Place and Trade Zone Boulevard, City of San Jose. No significant surface prehistoric or historic resources were noted on the parcel although a possible archaeological site may be located several hundred meters to the south. Based on our archival research, the field reconnaissance, and a personal knowledge of the area, it is Basin Research Associates, Inc. considered opinion that the project will have no adverse impacts on any known cultural resources. The project can proceed as planned if the following recommendations are followed:

(1) If any significant cultural materials are encountered during construction, it is recommended that all activity cease within 10 meters (ca. 30 feet) of the find, and an archaeologist be consulted for further recommendations. Significant archaeological materials are defined as human burials, rock features, aboriginal hearths, occupation floors, artifact caches, etc. as well as isolated finds of either aboriginal or historic artifacts (historic - 100 years old).

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S-26045

CULTURAL RESOURCES RECONNAISSANCE SURVEY AND INVENTORY REPORT FOR THE METROMEDIA FIBEROPTIC CABLE PROJECT SAN FRANCISCO BAY AREA AND LOS ANGELES BASIN NETWORKS



Submitted to:

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225 Bush Street, Suite 1700
San Francisco, CA 94104

Prepared for:

Metromedia Fiber Network Services, Inc.,
20936 Cabot Boulevard
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Confidential - Restricted Distribution

March 2000

NATIONAL ARCHAEOLOGICAL DATA BASE INFORMATION

Authors: Richard L. Carrico, Theodore G. Cooley, William T. Eckhardt

Consulting Firm: Mooney & Associates, 9903-B Businesspark Avenue, San Diego, California 92131 (858) 878-8964

Report Dates: March 2000

Report Title: Cultural Resources Reconnaissance Survey and Inventory Report for the Metromedia Fiberoptic Cable Project San Francisco Bay Area and Los Angeles Basin Networks

Submitted by: ESA Environmental Science Associates
225 Bush Street, Suite 1700, San Francisco, California 94104

Submitted to: Metromedia Fiber Network Services, Inc.,
20936 Cabot Boulevard, Hayward, California 94545

Contract Number: BFMA Contract Number 9911 141/279

U.S.G.S. Quadrangles: Oakland West, Oakland East, San Leandro, Hayward, Newark, Niles, Milpitas, Calaveras Reservoir, San Jose East, San Jose West, Cupertino, Mountain View, Palo Alto, Redwood Point, Woodside, San Mateo, Mountain View, San Francisco South, San Francisco North - Los Angeles Network area; Hollywood, Inglewood, Pasadena, Southgate, Venice, Whittier, Los Alamitos, Long Beach, Anaheim, Newport Beach, Laguna Beach, El Toro.

Acreage: Approximately 263.5 linear miles of project corridor (records search of a 2,000 foot width; reconnaissance survey of either a 100 or 200 foot width of unsurveyed new build areas depending on project impact potential).

Key words: Archaeological Reconnaissance Survey; Fiberoptic cable project, San Francisco, San Mateo, Santa Clara, Alameda, Contra Costa, Marin, Los Angeles, Orange counties; 1 new historic trash site, 147 previously recorded sites.

MANAGEMENT SUMMARY/ABSTRACT

This cultural resources study was prepared by Mooney & Associates for ESA Environmental Science Associates, in compliance with the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended. The overarching criteria for determining the significance of impacts to cultural resources are the significance of the resources themselves, as provided in Public Resources Code SS5024.1, Title 14 CCR, Section 4850 et seq. and referenced in CEQA, and the severity of the impact in diminishing or destroying the given resource (Sec. 15064.5). Criteria under section 106 are relevant in regard to federal 404 wetland permits, which may be required for the project.

The study included an archaeological inventory and reconnaissance survey of 263.5 miles of new build, fiber optic cable installation, existing Pacific Bell cable conduit repair, and 23 regeneration facility construction sites. In some instances, the regeneration facility sites (each designated as a Point of Presence or POP) will be located within existing buildings. The project consisted of two large but discrete areas, the San Francisco Bay region (San Francisco Bay Area Network) and the Los Angeles Basin (Los Angeles Basin Network). In the San Francisco Bay Area Network, the new build routes (95 miles), designated as Backbone routes, were located mostly in existing rail road rights-of-way (ROWs); the repair work of existing Pacific Bell cable conduits along and beneath city streets and highways (13.5 miles); and the POP facility construction sites in one or the other of these circumstances. In the Los Angeles Network, the new build routes (155 miles) were located mostly along and beneath city streets and highways with the POP sites located entirely within existing buildings.

The study included a site record search and literature review of an area (the Study Area) extending to a 1,000-foot radius of all new build project elements. This search and review was to determine the presence of previously recorded cultural resources and previously conducted archaeological investigations that might be relevant to the project. One use of this information was to determine areas or portions of the project that had been previously adequately surveyed. Also conducted was a pedestrian survey of previously unsurveyed and accessible undeveloped portions of the project Area of Potential Effect (APE) or zone in which effects to cultural resources could potentially occur. The extent of the APE varied depending on the type and nature of construction activity proposed. The types of construction activity that could affect cultural resources consist principally of trenching, directional underground boring (including the excavation of bore pits), and building construction (including grading and trenching). Ancillary activities could include preparation of construction staging areas and access roads. In general, a 200-foot wide corridor centered on the proposed new build cable installation was considered as the APE for the San Francisco Bay Area Network rail road (Backbone) ROWs. For new build cable installations such as those in the Los Angeles Basin Network or for existing cable repairs such as those for the San Francisco Bay Area Network, both of which are located within or along streets, the APE varied from 50 to 100 feet depending on the width of the street. For POP facilities the APE was the facility footprint plus a 100-foot radius.

Field work was conducted from December 1999 to February 2000 and required a total of 42 person days in the field to complete. Due to their location along and beneath paved and landscaped city streets and highways, visibility at the Los Angeles Basin Network new build alignments and San Francisco Bay Area Network conduit repair locations averaged less than 10% in 95% of the survey areas. Visibility along the new build alignments and POP locations in the San Francisco Bay Area Network, mostly along rail road ROWs, varied greatly from less than

10% to 100%. Generally, along these rail road alignments it was 30-40% in 60% of the survey areas, 90-100% in 10% of the survey area, and approximately 30% of the rail road alignments could not be surveyed due to presence of pavement and/or dense vegetation. One historic cultural resource was identified during the survey.

The literature search, Native American consultation, data synthesis, and field inventories conducted for the two MetroMedia fiber optic networks has identified significant, and potentially significant prehistoric and historic resources within the APE for both networks. When feasible, and warranted by the nature of the resource, pre-construction testing and evaluation is recommended for five of the sites within the San Francisco Bay Area Network; no resources are recommended for testing within the Los Angeles Basin Network although on-going evaluation of the Cahuenga/Felix Adobe in the Burbank Local Segment may reveal the need for testing. If the sites recommended for testing are found to be significant resources, avoidance may be recommended. Should avoidance not be feasible, data recovery by means of excavation and analysis would be performed. For those areas that require monitoring, the monitor shall have the authority to temporarily halt construction and evaluate resources encountered during subsurface excavation. If the resource is deeded to not be a significant resource, construction would continue. If the resource is determined to be significant, the resource would either be avoided, or if avoidance were not feasible, a data recovery program would be instituted. Based on the currently available information and a review of the project APE, it is believed that project related impacts can be reduced to a level of non-significance.

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I. UNDERTAKING INFORMATION/INTRODUCTION

A. INTRODUCTION

This cultural resources study was prepared by Mooney & Associates for ESA Environmental Science Associates, in compliance with the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended. The overarching criteria for determining the significance of impacts to cultural resources are the significance of the resources themselves, as provided in Public Resources Code SS5024.1, Title 14 CCR, Section 4850 et seq. and referenced in CEQA, and the severity of the impact in diminishing or destroying the given resource (Sec. 15064.5). Criteria under section 106 are relevant in regard to federal 404 wetland permits, which may be required for the project. This archaeological survey was performed in compliance with the regulations and guidance contained in *Guidelines for Local Surveys: A Basis for Preservation Planning* (National Register Bulletin 24); the Secretary of the Interior's Professional Qualification Standards (Federal Register Notice, Vol. 48, No. 190, Thursday, September 29, 1983, pp. 44738-44739); and the Archaeological Resources Protection Act (ARPA) 1979 (43 CFR Part 7). The content and organization of the following inventory study report are consistent with and include information recommended in *Archaeological Resource Management Reports (ARMR); Recommended Contents and Format* (Office of Historic Preservation 1989).

This cultural resources study consisted of an archaeological inventory and reconnaissance survey of 263.5 miles of new build, fiber optic "Backbone" cable installation, existing Pacific Bell cable conduit repair, and 23 new regeneration facility construction sites. In some instances, the regeneration facility sites (each designated as a Point of Presence or POP) are to be located within existing buildings. The project location consisted of two large but discrete areas, the San Francisco Bay region (San Francisco Bay Area Network) and the Los Angeles Basin (Los Angeles Basin Network). In the San Francisco Bay Area Network, two new build Backbone routes (95 miles) are located mostly in existing rail road rights-of-way (ROWs), the repair work of existing Pacific Bell cable conduits (13.5 miles) along and/or beneath city streets and highways, and the POP facility construction sites in one or the other of these circumstances. In the Los Angeles Basin Network, the new build routes (155 miles) were located mostly along and beneath city streets and highways with the POP sites located entirely within existing buildings.

The San Francisco Bay Area Network project area consists of two new build Backbone segments, designated as the Peninsula and East Bay Backbone alignments, located within existing Caltrain and Union Pacific Railroad corridors. These two railroad corridors each run roughly north-south and extend along the peninsula or western (Caltrain) and eastern (Union Pacific) sides of San Francisco Bay. Each of the project alignments has been subdivided into Northern and Southern segments designated as Peninsula North and Peninsula South (west bay alignment), and East Bay

North and East Bay South (east bay alignment). In addition to these two Backbone alignments, the San Francisco Bay Area Network project includes 18 locations of repairs to conduit segments of an existing Pacific Bell system, and the construction of eight POP facilities at various locations along the network.

The Los Angeles Basin Network project area consists of 18 new build alignments or loops designated as Local Segments. The area in which these segments are distributed extends from the southeastern end of the Santa Monica Mountains in northern Los Angeles County to the City of Irvine in south central Orange County. The Los Angeles Area Network project includes 15 POP facilities at various locations along the network. The Local Segments are nearly all located under existing paved and/or landscaped (lawns etc.) streets. The POP facilities are to be located within existing buildings or areas contiguous to existing paved and or landscaped streets. The locations of these four types of project construction (Backbone new build, Local Segment new build, Pacific Bell conduit repair, and POP facility construction) were evaluated in this study for the potential to impact significant cultural resources.

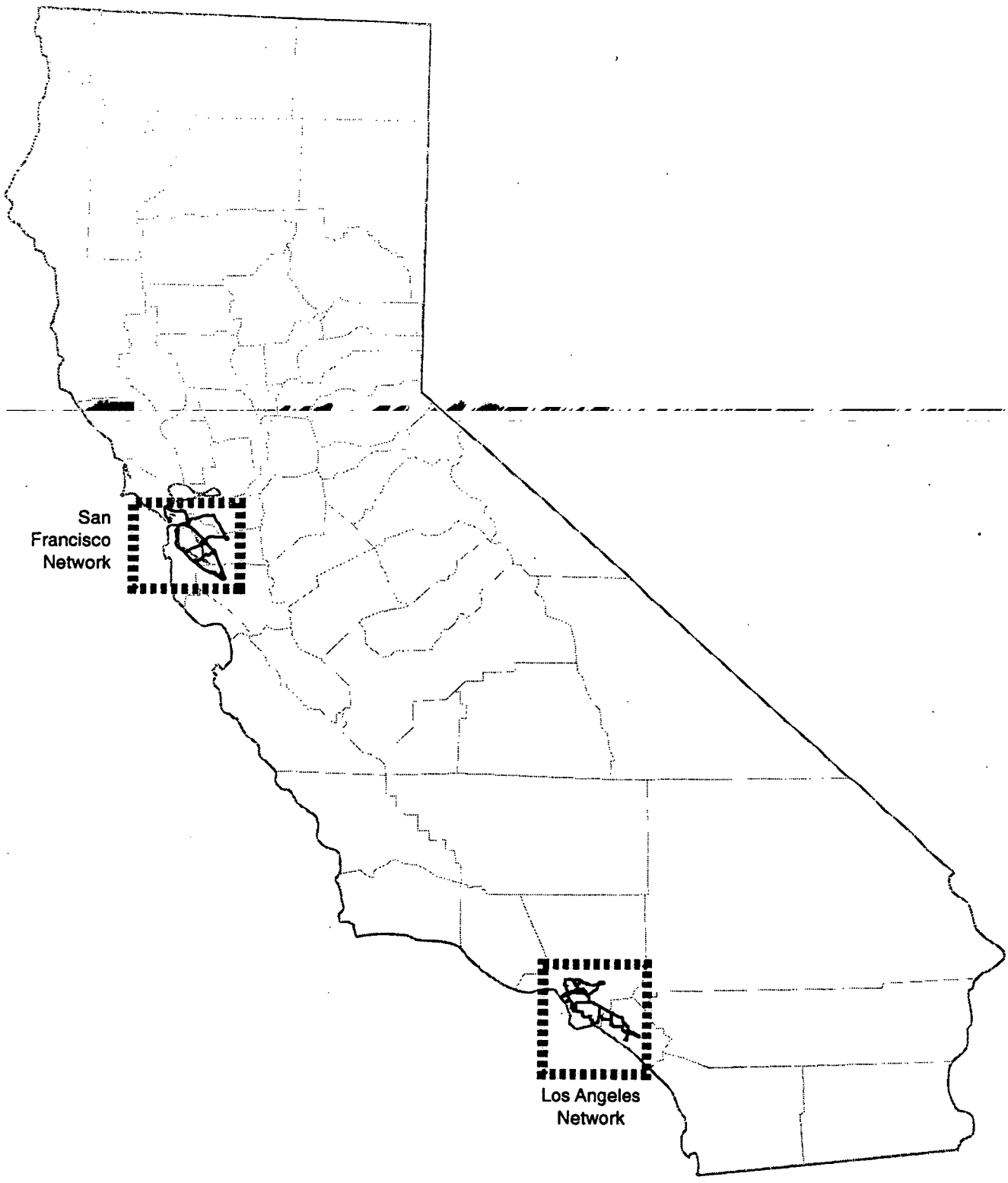
The study included a site record search and literature review of an area (the Study Area) extending to a 1,000-foot radius of all new build project elements. This search and review was to determine the presence of previously recorded cultural resources and previously conducted archaeological investigations that might be relevant to the project. One use of this information was to determine areas or portions of the project that had been previously adequately surveyed. Also conducted was a pedestrian survey of previously unsurveyed and accessible undeveloped portions of the project Area of Potential Effect (APE). The APE is the zone in which effects to cultural resources could potentially occur. The extent of the APE varied depending on the type and nature of construction activity proposed. The types of construction activity that could affect cultural resources consist principally of trenching, directional underground boring (including the excavation of bore pits), and building construction (including grading and trenching). Ancillary construction activities could include preparation of staging areas and access roads. In general, a 200-foot wide corridor centered on the proposed new build cable installation was considered as the APE for the San Francisco Bay Area Network rail road ROWs. For new build cable installations such as those in the Los Angeles Network or for existing cable repairs such as those for the San Francisco Bay Area Network, both of which are located within or along streets, the APE would vary from 50 to 100 feet depending on the width of the street. For POP facilities the APE was the facility footprint plus a 100-foot radius. Within these APEs it would be expected that the actual area of effect would be much smaller than the extent of the APE.

Field work was conducted from December 1999 to February 2000 and required a total of 42 person days in the field to complete. Study cultural resources personnel included: Richard L. Carrico (M.A.), Project Manager, Historic Archaeologist, and Mooney & Associates Cultural Resource Manager; Theodore G. Cooley (M.A., RPA), Senior Archaeologist and Field Director, William T. Eckhardt (B.A.) Associate Archaeologist, and Patrick McGinnis, field crew members.

B. STUDY DESCRIPTION AND LOCATION

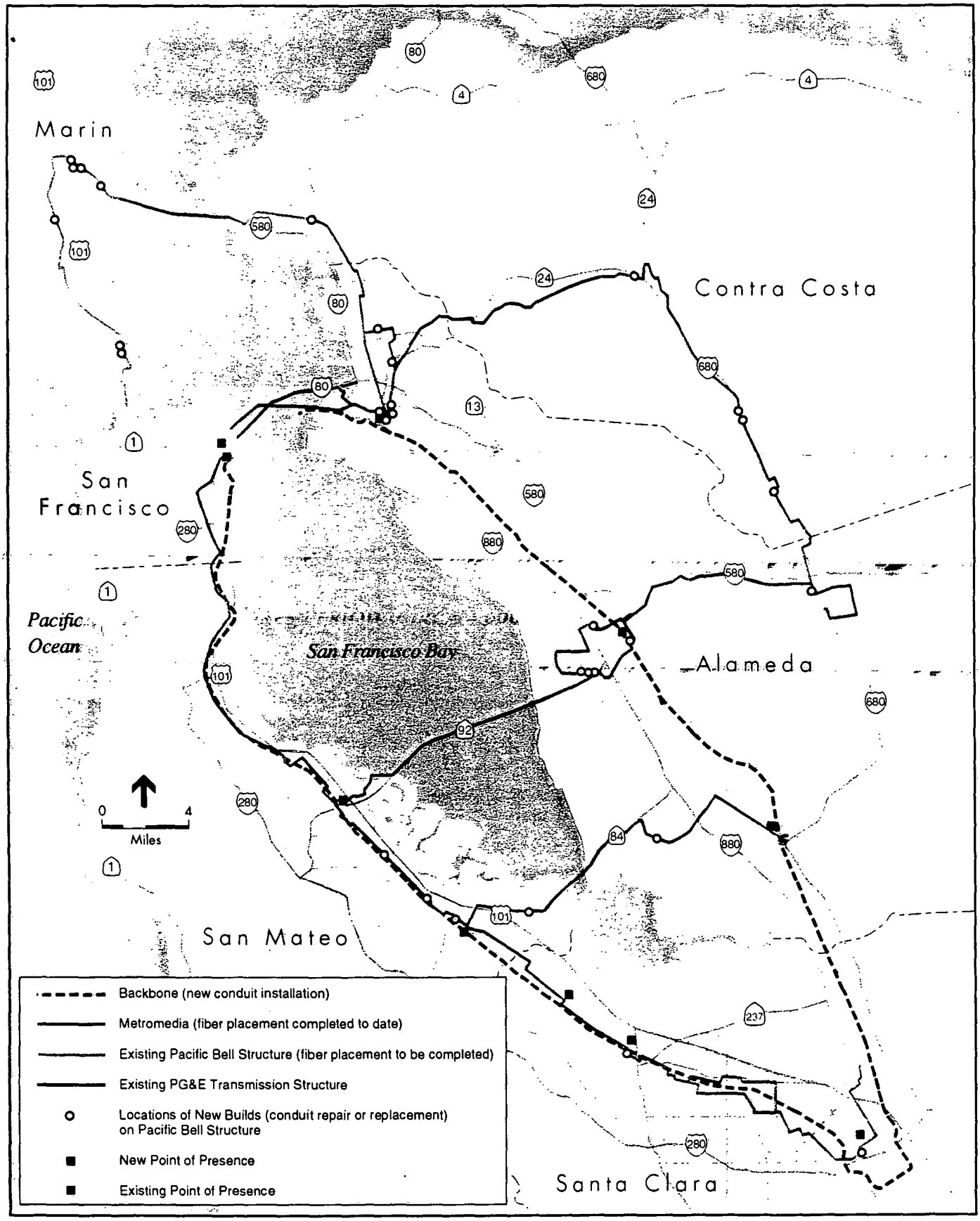
The project networks are planned within two large areas of California separated at their closest points by more than 300 miles (Figure I-1). Consequently, the cultural resources setting, in general, for these regions varies somewhat due to differences in climate, vegetation, landform, and prehistoric/historic land use. The San Francisco Bay Area Network project area contains the coastal environs of San Francisco Bay, the East Bay, and a portion of the near-coastal foothills and valleys. The San Francisco Bay Area Network extends through all of the counties surrounding San Francisco Bay, including San Francisco, San Mateo, Santa Clara, Alameda, Contra Costa, and Marin counties (Figure I-2). The Los Angeles Basin Network consists of a small portion of the coastal Santa Monica Mountains in the north, with most of the project area located to the south in the greater Los Angeles Basin. This basin consists primarily of a broad flat alluvial plain broken up intermittently by low local hills, and a lengthy coastal area along the Pacific Ocean. The Los Angeles Basin Network extends through two counties, Los Angeles and Orange (Figure I-3).

More specifically, the study areas of the two networks extend onto portions of 41 U.S.G.S. 7.5' Quadrangles, 25 in the San Francisco Bay Area Network and 16 in the Los Angeles Basin Network. The San Francisco Bay Area Network Quadrangles include Oakland West, Oakland East, San Leandro, Hayward, Newark, Niles, Milpitas, Calaveras Reservoir, San Jose East, San Jose West, Cupertino, Palo Alto, Redwood Point, Woodside, San Mateo, Mountain View, Montara Mountain, San Francisco South, San Francisco North, Dublin, Diablo, Walnut Creek, Richmond, San Quentin, and San Rafael. The Quadrangles for the Los Angeles Basin Network area consist of the Burbank, Beverly Hills, Hollywood, Inglewood, Pasadena, Southgate, Van Nuys, Venice, Los Alamitos, Long Beach, Whittier, Anaheim, Tustin, Newport Beach, Laguna Beach, and El Toro. The locations within these Quadrangles are indicated in Tables I-1 and I-2.



SOURCE: Environmental Science Associates

Figure I-1
California Location Map

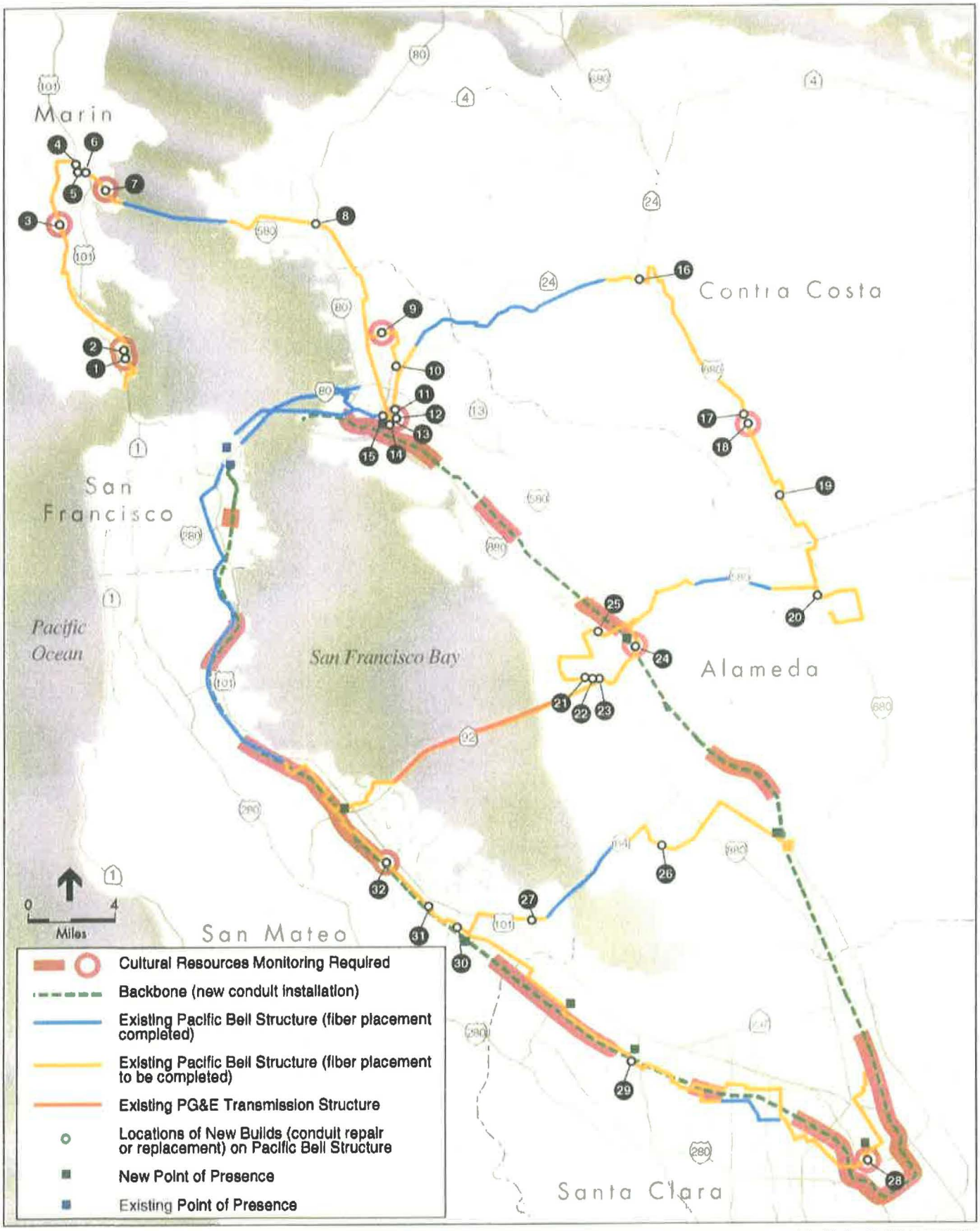


Proponent's Environmental Assessment for MFNS Application to Modify Its CPCN / 200032 ■

SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

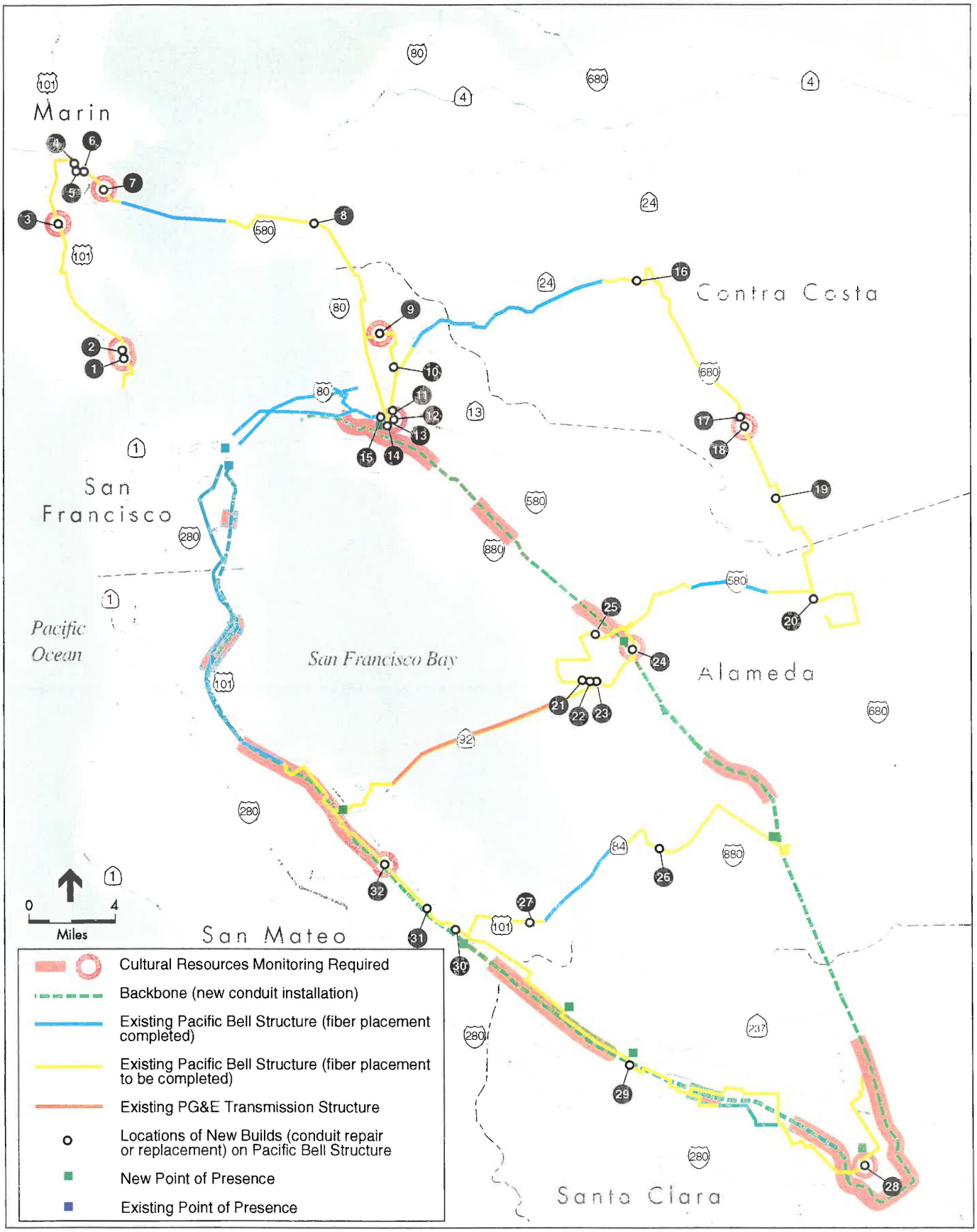
Figure I-2

Location of Metromedia's San Francisco Bay Area Network



SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

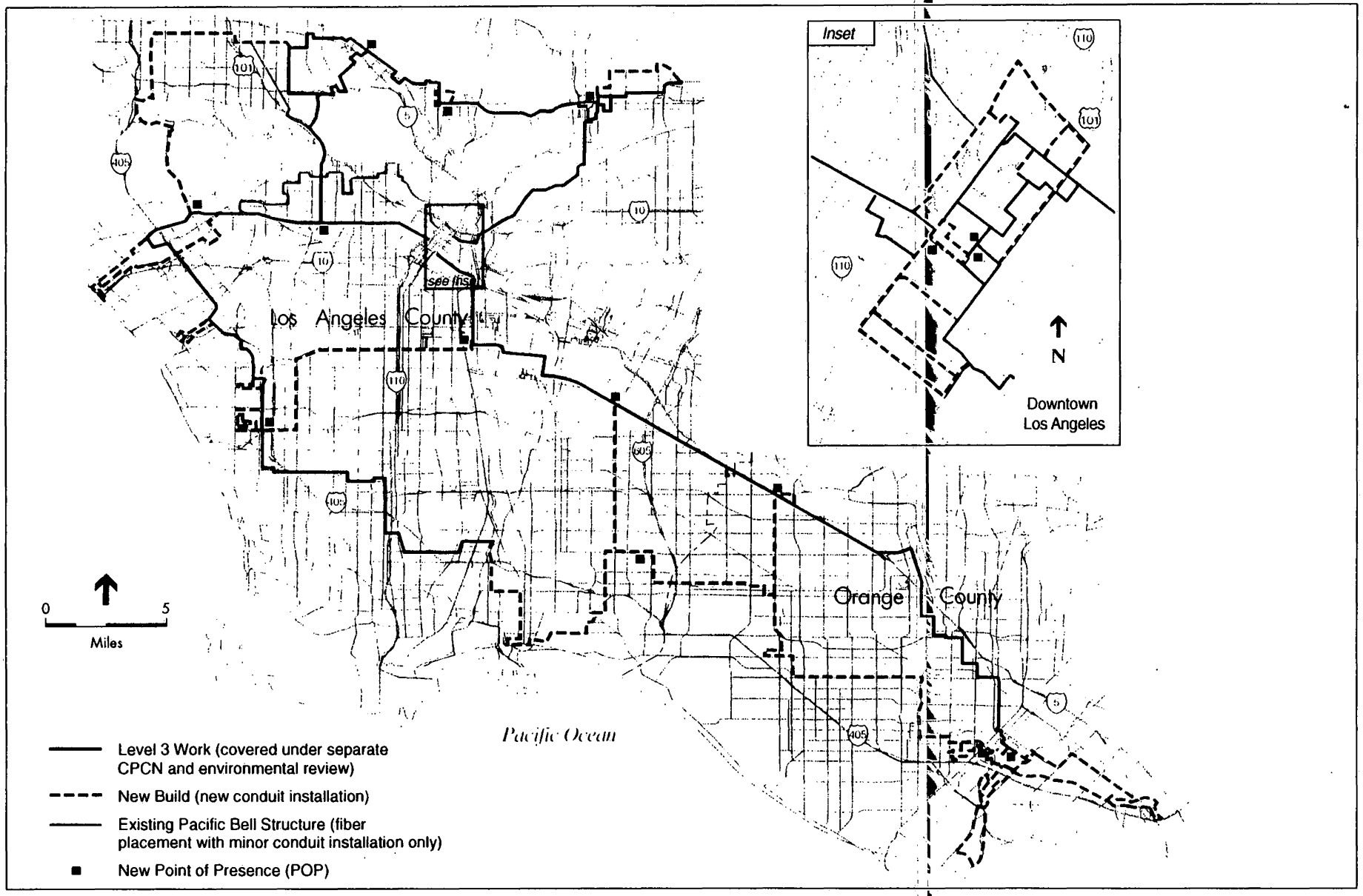
Figure 6.E-1
Overviewof Cultural Resources Monitoring Locations in Metromedia's San Francisco Bay Area Network



SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

Figure 6.E-1

Overviewof Cultural Resources Monitoring Locations in Metromedia's San Francisco Bay Area Network



SOURCE: Neill Engineers Corp; Environmental Science Associates
Mooney and Associates

Figure I-3
Location of Metromedia's
Los Angeles Basin Network

Table I-1

Metromedia San Francisco Bay Area Network
Fiber Optic Project Area Locations by USGS 7.5' Quadrangle

Quadrangle	Township	Range	Sections
Oakland West	1 South	4 West	1, 2, 3, 10, 13, 14, 21, 23, 25, 26, 27, 28, 34, 35, 36
Oakland East	2 South	4 West	2, 3
San Leandro	3 South	2 West	6
	3 South	3 West	1
	2 South	3 West	15, 16, 21, 22, 23, 26, 27, 35, 36
Hayward	3 South	2 West	6, 7, 8, 9, 15, 16, 17, 21, 22, 26, 27, 29, 35
Newark	4 South	2 West	1, 2, 12
	4 South	1 West	17, 18, 19, 20
Niles	4 South	1 West	17, 20, 21, 22, 27, 34
	5 South	1 West	2, 3, 11, 13, 14
Calaveras	6 South	1 East	28
Milpitas	5 South	1 West	13, 14, 24, 25, 36
	5 South	1 East	31
	6 South	1 East	17, 20, 29
San Jose East	6 South	1 East	33
	7 South	1 East	4, 9, 15, 16, 21
San Francisco North	1 South	6 West	10, 11, 12, 13, 14, 15, 22, 23
San Francisco South	2 South	6 West	10,11 14, 15, 22, 23, 26, 27, 34
	3 South	6 West	3, 10, 11, 14, 15, 22, 27, 28, 33, 34
Montara Mountain	4 South	5 West	3, 4, 10, 11
San Mateo	4 South	5 West	11, 12, 13, 14
	4 South	4 West	18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 33, 34, 35
	5 South	4 West	2, 3, 11, 12, 13
Woodside	5 South	4 West	13

Table I-1 (cont.)

Quadrangle	Township	Range	Sections
	5 South	3 West	18, 19, 20, 28, 29, 33, 34, 35
	6 South	3 West	1, 2, 11, 12
	6 South	2 West	7
Mountain View	6 South	2 West	7,16,17,18,20,21, 22, 23, 25, 26
	6 South	1 West	30
Cupertino	6 South	1 West	31, 32
San Jose West	6 South	1 West	32, 33, 34, 35
	7 South	1 West	1, 2, 3, 12
	7 South	1 East	6, 7, 17, 18, 19, 20, 29
Dublin	2 South	1 West	35
Diablo	1 South	1 West	32
	2 South	1 West	15
Walnut Creek	1 North	2 West	27, 34
Richmond	1 North	4 West	7, 18
San Quentin	1 North	6 West	2, 11, 12
San Rafael	1 North	6 West	mjk16, 11, 23

Table I-2
Metromedia Los Angeles Basin Network
Fiber Optic Project Area Locations by USGS 7.5' Quadrangle

Quadrangle	Township	Range	Sections
Tustin	6 South	9 West	1, 2, 3, 4, 5, 6, 7, 11, 12, 18, 19
	6 South	8 West	7, 18
	6 South	10 West	24
	5 South	10 West	36
	5 South	9 West	31, 32, 33, 34, 35
Newport Beach	5 South	10 West	10, 15, 22, 26, 27, 25, 35, 36
	6 South	10 West	24, 25
Beverly Hills	1 North	15 West	34
	1 South	15 West	3, 10, 14, 15, 22, 23, 24, 25, 26, 27, 28, 32, 33, 34, 35, 36,
	2 South	15 West	4, 5, 6, 7
	1 South	14 West	18, 19
Long Beach	5 South	12 West	5, 6
	5 South	13 West	1
	4 South	13 West	11, 14, 26, 24, 25, 36
	4 South	12 West	15, 22, 27, 28, 32, 33
Venice	2 South	14 West	31
	3 South	14 West	6, 7, 8
	3 South	15 West	1, 12
	2 South	15 West	14, 22, 23
Hollywood	1 South	13 West	6, 7, 17, 18, 20, 28, 29
	1 South	14 West	1, 8, 9, 10, 11, 12, 14, 15, 16, 17
Inglewood	2 South	13 West	19,20,21,28, 29, 30
	2 South	14 West	22, 23, 24, 25, 26, 27, 28, 33
	3 South	14 West	4, 8, 9, 16, 17
Laguna Beach	6 South	9 West	30, 31
	6 South	10 West	25, 36

Table I-2 (cont.)

Quadrangle	Township	Range	Sections
El Toro	6 South	8 West	7, 8, 9, 15, 16, 17, 18, 21, 22, 28
Anaheim	5 South	10 West	2, 3, 4, 5, 6, 7, 8, 9, 10, 11
	5 South	11 West	1, 2, 11, 12
Los Alamitos	5 South	11 West	2, 3, 10, 11
	4 South	11 West	2, 3, 10, 11, 14, 15, 19, 20, 21, 22, 23, 26, 27, 34, 35
	3 South	12 West	34, 37
	4 South	12 West	3, 10, 11, 12, 14, 23, 24
Pasadena	1 North	13 West	21, 28
South Gate	2 South	13 West	21, 22
Whittier	3 South	12 West	10, 15, 22, 27, 34
Van Nuys	1 North	15 West	1, 2, 3, 4, 9, 12, 16, 20, 21, 28, 29, 33, 34
	1 North	14 West	7, 8, 17, 18
Burbank	1 North	13 West	20, 21,28, 29
	1 North	14 West	3, 4, 8, 9, 10, 11, 12, 17, 28, 29, 33

II. SETTING

A. INTRODUCTION

The project networks are planned within two large areas of California separated at their closest points by more than 300 miles. Consequently, the cultural resources setting, in general, for these regions varies somewhat due to differences in climate, vegetation, landform, and prehistoric/historic land use. Within the two project areas are also sub-settings. The San Francisco Bay Area Network contains the coastal environs of San Francisco Bay, and the East Bay, a portion of the near-coastal foothills and valleys. The Los Angeles Basin Network consists of a small portion of the coastal Santa Monica Mountains in the north, with most of the project area located to the south in the greater Los Angeles Basin.

The level of archaeological and historical studies that have been completed ranges from extensive studies to no field surveys. Overall, the cultural resource setting includes prehistoric sites that may extend back for several thousand years with some sites showing evidence of contact with early European cultures. The historic sites reflect the broad cultural panorama of this region of California. Historic sites in the region include those associated with early exploration and colonization; the Spanish, Mexican, and American expansions; the Gold Rush; the boom of the 1880s–1890s; post-1900 industrialization; and the growth of the region within the World War I, World War II, and post-war eras.

B. NATURAL SETTING

Vegetation in the Bay area, prehistorically, consisted principally of six plant communities: Oak woodland-grass, Grassland, Redwood forest, Saltwater marsh, Freshwater marsh, and Coastal strand. Immediately along the bay and at the mouths of major creeks, would have been plants of the Saltwater marsh, Freshwater marsh, and Coastal strand plant communities. Larger drainages such as the Guadalupe River and Coyote Creek would also have been lined with strips of riparian plants such as willow, and in some areas, also stands of Oak Woodland. In coastal and inland valleys, as well as on plains such as those around Milpitas and Fremont, plants of the Grassland and Oak woodland-grass communities would have predominated. In the upper elevations of some areas of the peninsula, Redwood forest was present (Baumhoff 1978).

The topography of the San Francisco Bay area consists of steep linear hills along the western peninsula side, and a relatively level plain grading to the foothills of the inland Coast Ranges along the eastern side of the bay. Geologically, the Bay area contains a variety of rock types and ages. This is due, principally, to the occurrence of substantial faulting activity along the San Andreas and numerous other faults in the area. This activity has resulted in the movement of numerous slivers and blocks of rocks great distances, both horizontally and vertically, and placing them side-by-side to each other. The steep hills on the peninsula side represent the northern-most extent of the Santa Cruz Mountains. They consist of exposures of highly folded and faulted rocks of various ages, including possibly Paleozoic age metamorphics of the Salinan Block, Jurassic-Cretaceous age metamorphic rocks of the Franciscan Formation, and Cretaceous age plutonic

granitic rocks, also within the Salinan Block. More recent rocks, generated during Cenozoic and Holocene times, are marine and non-marine sedimentary strata deposited and exposed mostly along the bay side of the peninsula. Such later geologic strata are also responsible for the less rugged topography on the eastern side of the bay. The more subdued terrain in this area is due to the relatively recent development of an alluvial floodplain along the bay consisting of overlapping alluvial fans emanating from the inland Coastal Ranges (Norris and Webb 1976).

The physiographic elements of the Los Angeles Basin consist of a vast alluvial flood plain produced, in part by deposition from three major drainages as well numerous smaller ones. In the Los Angeles and northern Orange County area this plain is referred to as the Downey Plain and in the central Orange County area as the Tustin Plain. The three major drainages are the San Gabriel River and the Los Angeles River, in Los Angeles County, and the Santa Ana River in Orange County. Smaller drainages include San Diego Creek (Orange County) and Ballona Creek (Los Angeles County). Beginning in late Mesozoic times, first marine and then terrestrial alluvial deposition began into this natural depression along the southern California coast. Throughout, but particularly from mid-Cenozoic times on, deposition thousands of feet thick accumulated in this natural subsidence-caused depression along the southern California coast. During Pleistocene and Holocene times the San Gabriel, Los Angeles, Santa Ana rivers were major contributors to this accumulation. In some areas, low hills caused by synclinal folding and geologically recent faulting activity, break-up the otherwise level surface of the Downey plain. Signal Hill in Long Beach, and the Coyote Hills southeast of Los Angeles are examples of such elevated features. At the northern end of the project area are the Santa Monica Mountains, which reach a maximum elevation in the project area of 1,309 feet. These mountains, which consist of folded and faulted sediments of Mesozoic and Cenozoic age, are part of the Transverse Ranges and form, in part, the San Fernando Valley and the northern border of the Los Angeles Basin (Norris and Webb 1976; Orange County Planning Commission 1971).

Natural vegetation within the Los Angeles basin, prehistorically, would have consisted predominantly of four plant communities: Grassland, Coastal Sage Scrub, Oak woodland, and Riparian. Additionally, immediately along the coast there would have been strips of plants from the Salt and Freshwater Marsh and Coastal Strand plant communities. The three river drainages and larger creeks would have been lined with stands of riparian plants such as willow, cottonwoods and sycamores. Also present in some areas of the basin along these drainages would have been stands of Oak Woodland. Sage scrub vegetation would have predominated in the lower elevations of the Santa Monica Mountains with plants of the Chaparral community in the higher zones. Low hill areas within the basin would have also had mostly sage scrub vegetation with flatter areas in the basin bottom likely covered with an intermittent mixture of sage scrub and grassland plants (Munz 1974; Orange County Planning Commission 1971).

C. CULTURAL SETTING

The prehistory and history of California spans at least 11,000 years. Over the last approximately 200 years archaeologists and historians have been investigating, recording, and reconstructing this lengthy past. The following cultural setting provides a brief overview of some of the results of this research pertinent to project areas.

1. PREHISTORY

Archaeologist and culture historian William Wallace (1978) has characterized the early "Post-Pleistocene" prehistory of California, from approximately 11,000 years ago to 4,000 years ago, in terms of the "food-getting" habits as demonstrated in the artifactual evidence left behind in the archaeological record. On this basis, he defined three periods of distinctive subsistence practices for this approximately 7,000-year span. He termed the periods as: Period I: Hunting (11,000 to 8,000 B.P.), Period II: Food Collecting (8,000 to 5,000 years ago), and Period III: Diversified Subsistence (5,000 to 4,000 years ago). Subsequent to circa 4,000 years ago, and extending up to circa 1,000 years ago, Elsasser (1978) describes a period in California when distinctive regional cultures developed. These regional cultures were an outgrowth of the period of subsistence diversification described by Wallace. Elsasser defined five regions during this period: Central California, the North Coast Ranges, the Sierra Nevada, Northwestern California, and the Southern California Coast, as being distinctive from one another in identifiable cultural traits. From circa 1,500 years ago to circa 300 years ago (the approximate time of European contact and subsequent cultural disruption), is a period characterized as Protohistoric (King 1978), signifying the last period of undisrupted prehistoric cultures in the state. In some areas this period is distinguished by new subsistence technologies such as the bow and arrow as well as by other distinctive traits such as burial by cremation and the introduction of ceramics.

POST-PLEISTOCENE ARCHAEOLOGY, 11,000 TO 4,000 B.P.

While some researchers have proposed that California may have been settled more than 40,000 years ago (e.g., Carter 1957; Moriarty 1987), currently, little solid evidence exists for human occupation in southern California much earlier than 9,000 years, or in northern and central California before possibly 11,000 years ago. According to Wallace (1978), extant evidence indicates that beginning some time after circa 11,000 years ago, groups with apparently a distinctive emphasis on hunting as a subsistence mode made their appearance in California

PERIOD I: HUNTING (CIRCA 11,000 TO 8,500 B.P.)

In southern California the "San Dieguito complex" is the earliest reliably dated human occupation with radiocarbon dates ranging from sometime before 9,030 $\pm$ 350 years before present (B.P.) to between 8,490 $\pm$ 400 and 7,620 $\pm$ 380 and years B.P. (Warren 1967, 1968). San Dieguito complex artifacts, first identified by Rogers (1945, 1966), include leaf-shaped knives, ovoid bifaces, flake tools, choppers, core and pebble hammerstones, several types of scrapers, crescents, and short-bladed shouldered points (Warren and True 1961; Warren 1966). Based on the predominance of these tool types, the complex has been characterized as representative of a hunting culture. It correlates with Wallace's (1955) "Early Man Horizon", and based on it, Warren subsequently defined a San Dieguito tradition (1968). In the western United States, Davis et al. (1969) identified the San Dieguito complex as part of the "Western Lithic Co-Tradition," and Bedwell (1970) placed the San Dieguito complex within the "Western Pluvial Lakes Tradition"). Little evidence for the San Dieguito complex/Early Man Horizon has been discovered north of San Diego County, i.e., in the Orange and Los Angeles counties area.

Two archaeological sites one in northern and one in central California have produced evidence of human occupation, possibly dating back as much as 11,000 years. Borax Lake (Harrington 1948; Meighan and Haynes 1970), located just southeast of Clear Lake in the north coastal ranges, and Tulare Lake (Riddell and Olsen 1969) at the southern end of the San Joaquin Valley, both have produced fluted projectile points similar in appearance to the Clovis and Folsom points found in the Great Basin. In the Great Basin, these point styles date to circa 11,000 years ago and are associated with a culture designated as the Big Game Hunting or Great Plains Fluted Point tradition (Wallace 1978). The nearest occurrence of evidence for this period to the San Francisco Bay area is at the Borax Lake site, 50 miles to the north.

PERIOD II: FOOD COLLECTING (CIRCA 8,000 TO 5,000 B.P.)

During Wallace's Period II, sites dating from circa 8,600 to 4,800 years B.P are characterized by manos and metates, sparse shell middens, terrestrial and marine mammal remains, burials, rock features, and cobble-based tools. . This artifact assemblage, which forms the basis for Warren's (1968) "Encinitas Tradition" and Wallace's (1955) "Milling Stone Horizon", in some instances also includes bone tools, doughnut stones, discoidals, cogged stones, stone balls, plummets, biface knives/points, and beads made of stone, bone, and shell. While most of the archaeological evidence for this period derives from coastal central and southern California (e.g. many sites from this period have documented in Los Angeles and Orange counties). In 1978, Wallace indicated that "Outside southern California seed collecting is less well documented. This mode of subsistence has not manifested itself on the seacoast north of San Luis Obispo County but its apparent absence may be due to deficiencies in the archaeological record. Very few investigations have been carried on in the coastal district from San Luis Obispo to San Francisco Bay and the distribution may be pushed farther north as more fieldwork is done in the area" (1978:28). Since 1978, sites containing assemblages consistent with or dating to this time have been encountered in most other parts of the state. As characterized by Wallace, this tool assemblage is consistent with a relatively stable, sedentary, principally, vegetal food gathering complex, possibly associated with one people, that was present in much of California for more than 4,000 years.

PERIOD III: DIVERSIFIED SUBSISTENCE (CIRCA 5,000 TO 4,000 B.P.)

Following the largely sedentary food collecting emphasis of Period II, indicated by the tool assemblages of the Milling Stone Horizon and Encinitas tradition, a period of transition characterized by a greater diversity of subsistence practices is delineated for California. During this period, two principal differences in subsistence focus begin to become apparent in California. These subsistence shifts involve the use of the acorn as a major vegetal foodstuff and an increased emphasis on hunting. These changes in subsistence practices are reflected in the archaeological record by the presence of some new tool types not previously seen. Principal among these are the mortar and pestle, a tool necessary to process acorns, and large basal notched, eared, or stemmed projectile points indicative of the use dart and atlatl for hunting. In the coastal area from Santa Barbara south into the Los Angeles Basin, this period corresponds to the late Milling Stone Horizon and early Intermediate Horizon (Wallace 1955) or to the Campbell tradition (Warren

1968). In the southern coastal area, the large eared points pear points characteristic of this time period have been termed by Wallace as "Santa Barbara hunting culture" points (1978:30). In the southern interior, contemporaneous, similar sized and configured points have been termed "Pinto Basin points".

In general, in the Bay area, this period may be considered as coincident with the Early Horizon of the cultural sequence first defined for the Central Valley (Lillard, Heizer, and Fenenga 1939) and later extended to coastal area around San Francisco Bay (Beardsley 1948, 1954). In the Sacramento River valley, large mostly stemmed points are associated with the Windmiller Culture dating to this period. In the San Francisco Bay area, materials from the lowest stratum of the West Berkeley Shell Mound site (Wallace 1978), and from the University Village site (Gerow and Force 1968), in Palo Alto, closely resemble the Early Horizon Windmiller materials from the Sacramento Valley. Radiocarbon determinations also appear to indicate a pre-4,000 B.P. age at the West Berkeley site (Wallace 1978:34). In 1978, Wallace indicated that "Very little knowledge has been accumulated concerning happenings in the San Joaquin valley during the 3000-2000 B.C. period. The same holds true for the Pacific coast between San Luis Obispo County and San Francisco Bay. It seems entirely reasonable to assume that a broader-based pattern of food acquisition was adopted in these two regions as elsewhere but there are as yet no archaeological data to support such an inference" (1978:32).

REGIONAL CULTURES PERIOD (CIRCA 4,000 TO CIRCA 1,500 B.P.)

During this period, the shift to more diversity in subsistence practices continued but with this diversity becoming specifically adapted to local/regional environs. This localization resulted, over time, in the development of distinct assemblages reflective of this specialized adaptation. Two of the regional culture areas defined by Elsasser (1978), the Central California and Southern California Coast regions, encompass the northern and southern project areas, respectively. In the Central California region, the period after circa 4,000 B.P. to circa 1500 B.P. roughly equates to the Middle Horizon of the cultural sequence defined for the Central Valley (Lillard, Heizer, and Fenenga 1939) and later extended to coastal area around San Francisco Bay (Beardsley 1948, 1954). In general, in the Central California region, this period was marked by elaboration of tools and ornaments, particularly those made of bone and shell. Undoubtedly reflected in this elaboration is an increased use of marine resources in the Bay area, with a consequent increase of the resource base and a likely increase in the human population of the area as well. In the Los Angeles and Orange County portion of the Southern California Coastal region, the period after circa 4,000 B.P. to circa 1500 B.P. roughly equates to the Intermediate Horizon (Wallace 1955) or to the Campbell tradition (Warren 1968). In general, as in the Central California region, this period was marked by elaboration of tools and ornaments, particularly those made of bone and shell. Undoubtedly reflected in this elaboration, as in the Bay area, is an increased use of marine resources, with a consequent increase of the resource base and a concomitant increase in the human population of the area well.

PROTOHISTORIC PERIOD (CIRCA 1,500 TO CIRCA 300 B.P.)

The period from circa 1,500 years ago to circa 300 years ago (the approximate time of European contact and subsequent cultural disruption), is characterized as the Protohistoric Period (King 1978). In most areas of the state this period is distinguished in the archaeological record by the first use of the bow and arrow as well as by other distinctive traits such as burial by cremation and, in the San Diego area, the introduction of ceramics. Elaboration in the style and design of tools and ornaments, the development of new subsistence technologies, and local increases in cultural complexity, generally continued into this period from the previous one. Subsequent to circa 300 B.P., the introduction of European culture, both material and social, as well as of diseases from the Old World, effectively eliminated the prehistoric culture that had developed over the previous 10,000 years in California.

1. ETHNOHISTORY

Ethnographically, two Penutian derived groups, the Coastanoan and the Coast Miwok (*Mewuk*) inhabited the San Francisco Bay area at the time of first European contact (circa 1579). The Coastanoan and the Coast Miwok, although linguistically related, were sufficiently distinct to be considered as separate groups. The Coastanoan consisted of eight subgroups that together inhabited most of the San Francisco Bay Area. In spite of having a common language base, they were not bound together in any political sense. Therefore, they did not have a single term or word in their language by which they referred to themselves as a whole. Europeans referred to them as *Costanos* or "people of the coast" from which the name "Coastanoan" was derived. Today, the surviving descendents of these people frequently use a native language term "Ohlone" to designate themselves (Galvan 1968; Margolan 1978; Bean 1994). The Coastanoan or Ohlone inhabited most of the Bay area except the northwestern side of the Bay. The linguistically distinct Coast Miwok inhabited this latter area at the time of contact. As with all California Indians, these groups subsisted by hunting and gathering, with coastal groups relying to a significant degree on marine food resources such as fish, shellfish and marine mammals as well as terrestrial resources for shelter and sustenance (Kroeber 1925; Levy 1978:485-495; Kelly 1978;414-425).

One group inhabited the Los Angeles Basin, the Shoshonean derived Gabrielino. The Gabrielino also did not have a single term or word in their language by which they referred to themselves. Thus, they came to be known by the term Gabrielino from the Mission San Gabriel, the Spanish mission with which they eventually became associated. Prehistorically, the Gabrielino inhabited a large territory extending from the coast well into the interior coastal mountains that includes much of present day Los Angeles and Orange counties. As with the northern groups, the Gabrielino subsisted by hunting and gathering with a substantial reliance in coastal areas on marine food resources such as fish, shellfish and marine mammals as well as terrestrial resources (Kroeber, 1925; Bean and Smith, 1978:538-549; Johnson, 1962).

2. HISTORY

Cultural activities within the study regions, between the late 1700s and early 1900s, provide a record of Spanish, Mexican, and American rule, occupation and land use. An abbreviated history of this area is presented to provide a background on the presence, chronological significance, and historical relationship of cultural resources within the study area.

The historic period began in California with the early exploration along the California coast by Juan Cabrillo in 1542. English explorer, Sir Francis Drake, visited the California coast in 1579 leaving a brass plaque in the vicinity of San Francisco Bay, claiming the land for England. In 1602 another Spanish explorer Viscaino visited the coast naming many locations with appellations that they are still known by to this day. In 1769, an expedition headed by Gaspar de Portolá traveled north from San Diego to San Francisco to extend the Spanish Empire from Baja California into Alta California by seeking out locations for a chain of presidios and missions in the area. While the exact route taken is not known, the expedition did traverse through both the southern (Los Angeles) and northern (San Francisco Bay area) project areas. Subsequently, within the current project areas, the Spaniards established a Presidio in San Francisco (1776); Pueblos at Los Angeles (1781) and San Jose (1777); and Missions at San Gabriel (1771), San Fernando (1797), San Jose de Guadalupe (1897), Santa Clara (1777), San Rafael (1817), and San Francisco de Asis (1776).

While the first Native American contact with the Spaniards specific to the study areas may have occurred during the earlier Portolá expedition, the establishment of these missions probably represents the beginning of the historic period for the Native Americans living in the study areas. After the establishment of the mission system, the Native Americans living in an area usually came under the jurisdiction of nearest Mission to their home territory. Much of the basic route of the expedition later became established as the roadway connecting the missions and other Spanish outposts located along the coast. This roadway, called the El Camino Real or King's Highway, was the main corridor for all travel in the coastal region during the colonization and settlement period of the Spanish, Mexicans, and Americans (Fages 1937).

The Spanish period extended to 1821 and encompassed the early exploration and subsequent establishment of missions between 1769 and 1821. During this period the introduction of horses, cattle, sheep, pigs, corn, wheat, olives and other agricultural goods and implements, and a new method of building construction and architectural style also occurred in California. After 1821, California came under Mexican rule, but Spanish culture and influence continued as the missions continued to operate as they had in the past, and laws governing the distribution of land were also retained for a period of time.

Following Mexico's independence from Spain in 1821, the Mexican period began, which lasted until 1846, ending as a result of the Mexican-American War (1846-48). During this period most Spanish laws and practices continued until shortly before secularization of the missions in the early 1830s. Some large grants of land were made prior to 1834, but after secularization, vast tracts of land were granted and the Rancho Era began. Most of the Ranchos were located in the San Francisco Bay area, Salinas Valley, Los Angeles Basin, and San Fernando Valley. During the period, transportation routes were expanded, and cattle ranching continued to predominate over other agricultural activities, with trade in hides and tallow increasing during the early part of this period.

Mexico's defeat in the Mexican-American War in 1848 initiated the American period, when Mexico ceded California to the United States under the Treaty of Guadalupe Hidalgo. Subsequently, land ownership by the Mexicans living in California became a matter of considerable legal wrangling. A Lands Commission was created by the State of California in response to the Act of 1851 (in apparent violation of the treaty), to validate land ownership throughout the state through settlement of land claims. Because of legal costs and a lack of what Americans considered to be sufficient evidence to provide title claims, however, few Mexican ranchos remained intact, and much of the land that once constituted rancho holdings became public land, available for settlement by emigrants to California. The discovery of gold in the state, the conclusion of the Civil War, and the subsequent availability of free land through passage of the Homestead Act, all resulted in an influx of people to the region after 1848.

California's importance to the country as an agricultural area began in the latter half of the nineteenth century and was subsequently supported by the construction of connecting railways for the transportation of people and goods. During the period of the late 1880s, cycles of "boom and bust" reflected by the growth and decline of towns, were characteristic and occurred in response to an ever increasing population, and substantial but unstable economic growth. These trends continued in California into the twentieth century, with the added influence of military development, beginning in 1916-17 during World War I. During the Second World War, the need to fight a two-ocean war resulted in substantial development in many parts of the state by the military.

D. RESULTS OF RECORDS AND LITERATURE SEARCH

The records and literature searches revealed that 1,009 cultural resource studies/surveys have been previously conducted within a radius of 1,000 feet of the project alignments, repair segments, and POP sites: 651 in the San Francisco Bay Area and 358 in the Los Angeles area. Of the 1,009 studies/surveys, 539 covered portions of or involved resources present within these project areas. These previous studies/surveys include narrow-width project corridors for pipelines, utility lines, and roadways, as well as projects of larger areal extents including building and facility construction. The portions of the project area covered within a study/survey ranged from small (less than 0.5 acre) to extensive (several miles of pipeline or transmission lines).

The search also revealed that 147 prehistoric, historic, or prehistoric/historic (i.e., both prehistoric and historic) cultural resource sites have been recorded (with another 15 identified, but not

officially recorded) within a 1,000 foot radius of the project Backbone alignments, repair locations, and POP locations. One additional site, a historic trash deposit, was discovered along the Peninsula Backbone of the San Francisco Bay Area Network during the current field reconnaissance survey. The majority of the prehistoric sites in both the San Francisco and Los Angeles project areas consist of shellfish refuse deposits (shell middens). Due to the location of the project areas in largely developed areas, most of these deposits have been disturbed by historic and/or modern activities such as construction and/or agriculture. Prior to disturbance, some of these shell middens undoubtedly represented prehistoric habitation sites as indicated by the presence of varying amounts of developed deposit (depth), diverse artifacts and/or ecofactual remains, and in some instances, by the presence of human burials.

Previously recorded historic resources located within the study areas consist of trash deposits, and scatters, bridges, trestles, and various rail road related structures. Ten historic buildings and one historic district, located along the Peninsula South Backbone Segment and Pacific Bell repair segment have been listed on the National Register of Historic Places, four of which are also county landmarks. One historic archaeological site, located along the Burbank Local Segment, is a county landmark.

III. RESEARCH DESIGN

A. INTRODUCTION

The following research design, or approach to the inventory, is provided to fulfill the requirements of the State office of Historic Preservation's recommended guidelines for the preparation of Archaeological Research management Reports. The primary objective of any cultural resources study is the identification of all historic properties (prehistoric and historic resources) within the study area , and more specifically, within the Area of Potential Effect (APE). The identification includes both resources that have been previously recorded and those encountered during field surveys. The research design begins with the fundamental question of the likelihood of the presence of cultural resources within the APE.

It was assumed that for large portions of the San Francisco Bay Area Network, and particularly along the railroad right-of-ways, resources would be previously reported. This assumption was based on the environmental setting that would have provided suitable resources for prehistoric occupation and use and known historic land uses including mission lands, commercial interests, and early historic developments. The San Francisco Bay coupled with the rivers that drain into the bay afforded an ideal setting for prehistoric and historic settlements. The literature search for the Bay area indicated a wide spectrum of prehistoric and historic sites clustering around the edges of the Bay, at the mouths of rivers, and near sources of fresh water. Pioneer archaeological studies completed in the early 1900s reported large shell middens and village sites on the bayfronts. The primary constraint on the location and identification of prehistoric, and to some degree historic, resources in the APE is the extent to which a given area has been developed or modified thus destroying or obscuring subsurface resources.

For the majority of the Los Angeles Basin Network it was assumed that few resources would be previously reported within the APE. This assumption was based on the build out and development of much of the region, particularly those areas outside of Orange County, prior to laws and regulations requiring environmental studies. While the original environmental setting would have provided suitable resources for prehistoric occupation and use and known historic land uses including mission lands, commercial interests, and early historic developments, the placement of the APE within existing roads and disturbed areas made the potential for cultural resources problematic. In areas near the ocean or along estuaries such as at Marina Del Rey and Newport Bay, the expectation would be that a higher percentage of resources may have existed before modern times and that at least some remnants of these resources would remain. For the Los Angeles Basin Network, the primary constraint on the location and identification of prehistoric, and to some degree historic, resources in the APE is the extent to which a given area has been developed or modified thus destroying or obscuring subsurface resources.

The overall approach to determining the presence or absence of resources in the APE included: conducting a records search, consulting with Native American groups, reviewing reports pertinent to the APE, and conducting a field inventory of those areas that either had previously recorded sites, those areas that had not been previously studied, or those areas that had a high potential for containing resources. Emphasis was placed on portions of the project that had ground visibility or where determinations of the presence/absence of resources could reasonably be determined. Given the potential for obscured or buried sites, it was assumed that the literature search and field inventories would not resolve all of the issues regarding the presence or absence of resources within the APE. From the initial stages of research it was assumed that some level of archaeological testing would be required for several of the previously recorded sites. Additionally, there was an assumption that field monitoring during construction would be required, particularly for areas of the railroad right-of-way for the San Francisco Bay Area Network and for portions of the Los Angeles Basin Network in the Newport Bay and Irvine areas.

Based on the results of the literature search and field inventories already conducted and on the results that may be provided by archaeological testing and monitoring programs (refer to Section VII), there is a likelihood that the proposed project could have adverse effects on cultural resources unless steps are taken to mitigate such effects. Section VII provides appropriate mitigation measures (avoidance, data recovery) that can be applied to ensure that the project does not cause any adverse effects.

IV. METHODS

A. INTRODUCTION

The data gathering methods described below for initial research and field are referred to as inventory methods. The results from these methodologies constitute a cultural resources inventory for the study area. The following sections present descriptions of the data gathering methods employed during the study. Background data collection involved a comprehensive records and literature search, inspection of historic and landmark registers, initial archival research, and examination of early maps. The next stage of data collection involved a reconnaissance level, field survey of previously unsurveyed portions of the defined project Area of Potential Effect (APE).

The project APE is the zone in which effects to cultural resources could potentially occur. The extent of the APE varied depending on the type and nature of construction activity proposed. The types of construction activity that could affect cultural resources consist principally of trenching, directional underground boring (including the excavation of bore pits), and building construction (including grading and trenching). Ancillary construction activities could include preparation of staging areas and access roads. In general, a 200-foot wide corridor centered on the proposed new build cable installation was considered as the APE for the San Francisco Bay Area Network Backbone Segments in rail road ROWs. For new build cable installations such as the Local Segments in the Los Angeles Network or for repairs to existing cables such as those in the San Francisco Bay Area Network, both of which are located within or along streets, the APE would vary from 50 to 100 feet depending on the width of the street. For new build POP facilities the APE was the facility footprint plus a 100-foot radius. Within the APE it would be expected that the actual area of effect would be much smaller than the extent of the APE.

B. INVENTORY METHODS

1. RECORDS AND LITERATURE SEARCH

The study included a site record search and literature review of an area (the Study Area) extending to a 1,000-foot radius of all new build project elements. Site records and literature searches were performed at the Northwest Information Center at Sonoma State University for the San Francisco Bay Area and at the South Central Coastal Information Center at the University of California at Los Angeles for the Los Angeles Basin Area (Appendix B). These searches included a review of the National Register of Historic Places (NRHP) listings, the State of California Historic Landmarks registers and County and City registers for historic sites. Results of the listed historic and prehistoric archaeological sites are indicated below for the two project areas. Portions of the project area previously surveyed were selectively spot-checked in the field, and reconnaissance surveys were conducted in areas indicated as not previously surveyed. As most of the project alignment and ancillary facility sites would be

located in built environments such as below paved streets and landscaped developments, ground visibility during field surveys was frequently severely inhibited.

2. FIELD SURVEY

Field work was conducted from December 1999 to February 2000 and required a total of 42 person days in the field to complete. Field personnel included: Richard L. Carrico (M.A.), Project Manager, Historic Archaeologist, and Mooney & Associates Cultural Resource Manager; Theodore G. Cooley (M.A., RPA), Senior Archaeologist and Field Director, William T. Eckhardt (B.A.), Associate Archaeologist, and Patrick McGinnis, Field Technician, field crew members.

The site record search and literature review, extending to a 1,000-foot radius of all new build project elements, was to determine the presence of previously recorded cultural resources and previously conducted archaeological investigations that might be relevant to the project. One use of this information was to determine areas or portions of the project that had been previously adequately surveyed. The pedestrian reconnaissance survey conducted for the project was of these previously unsurveyed areas. Access and ground visibility. was also a factor in the field survey. The field survey examined all accessible undeveloped portions of the project APE.

CONDITIONS

Two Backbone alignments, eighteen locations for repairs to conduit segments in the existing Pacific Bell Structure, and the construction of eight facilities or Points of Presence (POPs) at various locations along the network constitute the three types of construction activity locations evaluated in the field in the San Francisco Bay Area Network for this study. The two Backbone segments, designated as the Peninsula and East Bay Backbone alignments, were located within existing Caltrain and Union Pacific Railroad corridors that each run roughly north-south and extend along the peninsula or western (Caltrain) and eastern (Union Pacific) sides of the San Francisco Bay.

The railroad rights-of-way (ROWs) containing the Backbone segments consist mostly of unpaved corridors of varying widths ranging from approximately 100 feet to more than 500 feet in some rail yard areas. Within these corridors, existing railroad tracks are present numbering from a single set to more than eight in rail yard areas. The majority of the POPs are also situated in unpaved areas, as they are located within or in an area contiguous to the railroad corridors. The Pacific Bell conduit repair locations however, are nearly all located under existing paved and or landscaped (lawns, etc.) streets.

The Los Angeles Basin Network consisted of 18 alignments or loops designated as Local Segments, distributed from the southeastern end of the Santa Monica Mountains in northern Los Angeles County to the City of Irvine in south central Orange County, and fifteen Points of Presence (POPs), situated at various locations along the network. The Local Segments are nearly all located under existing paved and/or landscaped (lawns etc.) streets. The POP facilities are all to be located within existing buildings, consequently, only the Local Segments were evaluated in the field in the Los Angeles Basin Network for this study.

Due to their location along and beneath paved and landscaped city streets and highways, visibility at the Los Angeles Basin Network new build alignments (Local Segments) and San Francisco Bay Area Network Pacific Bell conduit repair locations averaged less than 10% in 95% of the survey areas. Visibility along the new build alignments and POP locations in the San Francisco Bay Network, mostly along rail road ROWs, varied greatly from less than 10% to 100%. Generally, along the rail road alignments it was 30-40% in 60% of the survey areas, 90-100% in 10% of the survey area, and approximately 30% of the rail road alignments could not be surveyed due to the presence of pavement and/or dense vegetation.

SURVEY

The principal survey method consisted of a systematic walk-over of the ground surface of the APE with parallel transect intervals, most frequently in approximately 15-meter spacings. However, in some areas, survey methods consisted of two surveyors examining only those areas where thick vegetation such as wild grasses and/or lawns, or obstructions such as pavement allowed (see below). Within these areas, the portions containing existing structures, fill, concrete, or asphalt (i.e. areas where the natural ground surface was not visible), were not surveyed for archaeological resources. Areas adjacent to these areas were surveyed for archaeological resources using the systematic interval method described above. City street and highway situated alignments were first driven to determine if any areas were sufficiently exposed for pedestrian survey. Any such areas were then returned to for examination on foot. No materials were collected during the field survey.

C. NATIVE AMERICAN CONSULTATION

Native American consultation for this project is an on-going process. Letters have been sent to the Native American Heritage Commission (NAHC) requesting a search of their Sacred Lands files (Appendix C). Protocols for Native American consultation and involvement will comply with the standard procedures requested by the NAHC and with the recommendations discussed at the February 4, 2000 meeting of NAHC, i.e., continuous consultation with the affected groups and sincere consideration of Indian concerns regarding prehistoric sites and resources. It is assumed that Native Americans will serve as consultants and will be a part of the monitoring team in those areas containing resources that are important to local Indian people.

In addition, for the San Francisco Bay Area Network, Andrew Galvan of Ohlone of the San Francisco Bay Area has been contacted, and, as a minimum, Ann Marie Sayers of the Indian Canyon Mutsun Band of Costanoan People, Jakki Kehl, Loretta Escobar-Wyer of the Esselen Nation, and Irene Zwierlein of the Amah Tribal Band will also be contacted. For the Los Angeles Basin Network, Samuel Dunlap of the Gabrielino has been contacted, and other contacts will be pursued to include non-federally recognized Indian groups of the Los Angeles and Orange County areas.

V. FINDINGS

A. INTRODUCTION

The records and literature searches revealed that 1,009 cultural resource studies/surveys have been previously conducted within a radius of 1,000 feet of the project alignments, repair segments, and POP sites: 651 in the San Francisco Bay Area and 358 in the Los Angeles area. Of the 1,009 studies/surveys, 539 covered portions of or involved resources present within the APE of the project areas. These previous studies/surveys include narrow-width project corridors for pipelines, utility lines, and roadways, as well as projects of larger areal extents including building and facility construction. The portions of the project APE covered within a study/survey ranged from small (less than 0.5 acre) to extensive (several miles of pipeline or transmission lines).

The search also revealed that 147 prehistoric, historic, or prehistoric/historic (i.e., both prehistoric and historic) cultural resource sites have been recorded (with another 15 identified, but not officially recorded) within a 1,000 foot radius of the project Backbone alignments, Pacific Bell repair locations, and POP locations. One additional site, a historic trash deposit, was discovered along the Peninsula Backbone of the San Francisco Bay Area Network during the current field reconnaissance survey. The majority of the prehistoric sites in both the San Francisco and Los Angeles project areas consist of shellfish refuse deposits (shell middens). Due to the location of the project areas in largely developed areas, most of these deposits have been disturbed by historic and/or modern activities such as construction and/or agriculture. Prior to disturbance, some of these shell middens undoubtedly represented prehistoric habitation sites as indicated by the presence of varying amounts of developed deposit (depth), diverse artifacts and/or ecofactual remains, and in some instances, by the presence of human burials.

Previously recorded historic resources located within the study areas consist of trash deposits, and scatters, bridges, trestles, and various railroad related structures. Ten historic buildings and one historic district, located along the Peninsula South Backbone Segment and Pacific Bell repair segment have been listed on the National Register of Historic Places (NRHP), four of which are also county landmarks. One historic archaeological site, located along the Burbank Local Segment, is a county landmark. Of the eleven NRHP sites, only the historic district site in San Jose, appears to potentially extend into the project APE. The county landmark, historic archaeological site, located along the Burbank Local Segment, may also extend into the APE.

B. RESULTS OF FIELD RECONNAISSANCE

One archaeological site, a historic trash deposit, was discovered along the Peninsula Backbone North Segment of the San Francisco Bay Area Network during the current field reconnaissance survey. This site (temporary number PN-1H) was the only newly discovered cultural resource along any of the project alignments.

C. RESULTS BY PROJECT COMPONENT

1. SAN FRANCISCO BAY AREA NETWORK

The records and literature search revealed that 651cultural resource studies/surveys have been previously conducted within a radius of 1000 feet of the project Backbone alignments, conduit repair locations, and POP facility locations. These previous survey studies include narrow width project corridors for pipelines, utility lines, and roadways, as well as projects that cover a more extensive areal plot such as building and facility. Of the 651 studies/surveys, 353 covered portions of or involved resources present within these project APE. The portions of the project APE covered ranged from small (less than 0.5 acre) to extensive (several miles of pipeline or transmission line or entire city blocks. Two extensive studies previously conducted in the project area include Hattoff et al. (1995), for the Mojave Northern Expansion pipeline project, and Biosystems Analysis, Inc. (1989) for the WTG-West, Inc. Los Angeles to San Francisco and Sacramento Fiber Optic Cable Project. The Hattoff et al. study covered substantial portions of both the Peninsula and East Bay Backbone alignments in the San Francisco Bay Area Network, while the Biosystems study evaluated most of the length along the Peninsula corridor. Another cultural resources study in progress, which also evaluates much of the length of the Peninsula corridor, is being conducted by KEA for the Williams Communications, Inc. Fiber Optic Cable System Installation Project (1999). Overall, it appears that nearly 70 percent (i.e. approximately 2/3) of the total extent of the Backbone network has been previously surveyed.

The record search revealed that 72 (with another 15 identified, but not officially recorded) prehistoric, historic, and multi-component sites containing both prehistoric/historic archaeological sites have been recorded within a 1,000 foot radius of the project Backbone alignments, repair locations, and POP facility locations. One additional site, a historic trash deposit, was discovered along the Peninsula North segment during the current field reconnaissance survey.

SAN FRANCISCO BAY AREA NETWORK BACKBONE

Of the seventy-three previously or newly recorded cultural resource sites (plus another fifteen identified, but not officially recorded) identified within a 1,000 foot proximity of the project construction activities, ten are present within 100 feet of the two project Backbone alignments. Six of these resources (three prehistoric, three historic) are in the Peninsula North segment; one historic in the Peninsula South; one prehistoric site in the East Bay North segment; and two sites (one prehistoric and one historic) in the East Bay South segment (see TablesV-1 and V-2).

TABLE V-1
CULTURAL RESOURCES LOCATIONS BY PROJECT COMPONENT FOR THE SAN FRANCISCO BAY AREA NETWORK

	Within 1,000 Feet of Project	Within the Project APE (100 feet or Less)
Backbone		
East Bay North	7(P), 1(H)	1(P)
East Bay South	4(P), 1(H) - 1(P) not officially recorded	1(P), 1(H)
Peninsula North	15(P), 3(H), 1(P/H) – 1(P), 1(H) not officially recorded	3(P), 3(H)
Peninsula South	10(P), 5(H), 1(P/H) – 5(P), 1(H) not officially recorded	1(H)
Point of Presence (8 locations)	1(P), 2(H)	None
Pacific Bell Structure (Conduit Repair or Replacement)		
Marin County Segment	6(P)	1(P)
Walnut Creek Segment	1(P)	None
Hayward Segment	None	None
Dumbarton Crossing Segment	1(P), 1(H) – 1(P) not officially recorded	1(H)
Oakland Segment	1(P)	1(P)
Peninsula Segment	2(P), 13(H), - 1(H) 6(H) not officially recorded	

(P) Prehistoric
(H) Historic
(P/H) Prehistoric and Historic

TABLE V-2
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

Location	Description
Peninsula North	CA-SFA-15; Prehistoric; shell midden
Peninsula North	CA-SMA-234; Prehistoric; shell and lithic scatter
Peninsula North	CA-SMA-92; Prehistoric; shell midden
Peninsula North	CA-SMA-40;Prehistoric; shell midden
Peninsula North within 50 ft	PN-1H; Historic; trash dump
Peninsula North within 50 ft	CA-SMA-343H; Historic; trash dump
Peninsula North within 50 ft	CA-SMA-172H; Historic; Southern Pacific Railroad station, 1907, Colonial Revival
Peninsula North	CA-SMA-74; Prehistoric; shell and lithic scatter
Peninsula North	CA-SMA-300; Prehistoric; midden
Peninsula North	CA-SMA-102; Prehistoric; shell midden
Peninsula North within 50 ft	CA-SMA-316; Prehistoric; shell midden (C-791; shell-mound, possible burials, bones found)
Peninsula North 00 ft (crosses project)	CA-SMA-317; Prehistoric; shell midden, lithics (C-789/790 shellmound)
Peninsula North	CA-SMA-335/H; Prehistoric and Historic; shell midden and structures ca. 1900
Peninsula North 00 ft (crosses project)	CA-SMA-4; Prehistoric; occupation site (C-765; shell-mound, possible burials)
Peninsula North	CA-SMA-232; Prehistoric; shell midden (C-762?; shell-mound, occupation site, possible burials, bones found)
Peninsula North 00 ft (crosses project)	CA-SMA-233; Prehistoric; shell midden (C-766?; shell-mound, occupation site, possible burials)
Peninsula North	CA-SMA-318; Prehistoric; shell midden (C-768; shell-mound, no artifacts reported)
Peninsula North	CA-SMA-309; Prehistoric; shell midden (C-767; shell-mound with stone tools)
Peninsula North	C-769; Prehistoric shell-mound, occupation site, possible burials
Peninsula North	C-335H (on map, no card)
Peninsula North	CA-SMA-150; Prehistoric; shell midden, some lithics

TABLE V-2 (continued)
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

Location	Description
Peninsula South	CA-SMA-187H; Historic; "Lathrop House," 1863, moved to site 1905, Colonial-Gothic. Listed on National Register
Peninsula South	CA-SMA-174H; Historic; County Courthouse, 1910, Roman-Renaissance. Listed on National Register
Peninsula South within 50 ft	CA-SMA-169H; Historic; Menlo Park Railroad station, 1867, Victorian. Listed on National Register
Peninsula South	CA-SCL-4-I; Prehistoric; lithic material
Peninsula South	CA-SCL-382H (on map, no site form)
Peninsula South	C-433 "unidentified cultural resource"
Peninsula South	CA-SCL-556H; Historic; residential structures, "The Professorville Historic District". Listed on National Register.
Peninsula South	CA-SCL-622; Prehistoric; midden, possible occupation site
Peninsula South	CA-SCL-624; Prehistoric; midden, possible occupation site
Peninsula South	CA-SCL-707; Prehistoric; midden, possible occupation site
Peninsula South	CA-SCL-600; Prehistoric; midden & lithic scatter, probable habitation site
Peninsula South	CA-SCL-1; Prehistoric; occupation and burial site
Peninsula South	CA-SCL-22; Prehistoric (no site record on file)
Peninsula South	CA-SCL-413; Prehistoric; burial and shell midden
Peninsula South	C-1280; Prehistoric; burial site
Peninsula South	C-163 "Sunnyvale girl"
Peninsula South	CA-SCL-8; Prehistoric; occupation site
Peninsula South	CA-SCL-30/H; Prehistoric; occupation site beneath railroad station water towers
Peninsula South	C-1294H; Historic; vehicular bridge, dated ca.1920
Peninsula South	CA-SCL-706; Prehistoric; shell artifacts including beads
Peninsula South	C-1293H; Historic; SPRR trestle, dated 1917
00 ft (crosses project)	
Peninsula South	CA-SCL-690; Prehistoric; burial site

TABLE V-2 (continued)
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

Location	Description
Peninsula South	C-1; Prehistoric; burial site, found 1980 (left in place)
Peninsula South	C-1292H; Historic; WPRP trestle, rails dated 1950
Peninsula South	C-1295H; Historic; foot bridge, dated 1932, moved in 1956
East Bay North	CA-ALA-17; Prehistoric; habitation site; burials removed in 1876; ("site already nearly destroyed")
East Bay North	CA-ALA-314; Prehistoric; shell midden
East Bay North	CA-ALA-315; Prehistoric
East Bay North	CA-ALA-321; Prehistoric (no site record available)
East Bay North	CA-ALA-52; Prehistoric, occupation site, with burial
East Bay North	CA-ALA-20; Prehistoric, midden and artifacts, burial found 1950
East Bay North within 50 ft	CA-ALA-506; Prehistoric; isolated burial with artifacts
East Bay North	CA-ALA-504H; Historic; trash deposit ca.1900-1920
East Bay North	C-448; Prehistoric; occupation site
East Bay South	CA-ALA-48; Prehistoric; habitation site, burial found around 1950
East Bay South	C-1414; Prehistoric; midden, moved from original location
East Bay South	CA-SCL-705; Prehistoric; burial site
East Bay South	CA-SCL-627; Prehistoric; seasonal habitation site with burials
East Bay South within 100 ft	CA-SCL-438H; Historic; trash deposit
East Bay South 00 ft (crosses project)	CA-SCL-4; Prehistoric; occupation and burial site
Pacific Bell, Marin Segment (Sausalito), within 50 ft	CA-MRN-1; Prehistoric shell midden
Pacific Bell Repair, Marin Segment (Sausalito)	CA-MRN-2; Prehistoric, shell midden
Pacific Bell Repair, Marin Segment (Larkspur)	CA-MRN-67; Prehistoric shell mound, burial site

TABLE V-2 (continued)
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

Location	Description
Pacific Bell Repair, Marin Segment (San Rafael)	CA-MRN-79; Prehistoric shell mound
Pacific Bell Repair, Marin Segment (San Rafael)	CA-MRN-603; Prehistoric shell midden
Pacific Bell Repair, Marin Segment (Berkeley)	CA-ALA-390; Prehistoric shell midden
Pacific Bell Repair, Oakland Segment	CA-ALA-22; Prehistoric; habitation site; burial removed in 1928 ("beneath city building")
within 100 ft	
Pacific Bell Repair, Dumbarton Crossing Segment (Newark)	CA-ALA-503H; Historic; Leslie Salt Co. (1919-1963), Plant One; Arden Salt Works
00 ft.(crosses project)	
Pacific Bell Repair, Dumbarton Crossing Segment (Menlo Park)	C-155; Prehistoric shell midden
Pacific Bell Repair, Dumbarton Crossing Segment (Newark)	CA-ALA-332 (on map, no site form)
Pacific Bell Repair, Walnut Creek Segment (San Ramon Valley)	CA-CCO-365; Prehistoric midden
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-128; Prehistoric; occupation site deposit with stone tools and food refuse.
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-419; Prehistoric deposit with stone tools
Pacific Bell Repair, Peninsula Segment	CA-SCL-39H; Historic; trash deposit
within 50 ft	
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-331H; Historic; Government Commercial Building Dating from Civil War Period.
within 100 ft	
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-363H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.
within 50 ft	

TABLE V-2 (continued)
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

Location	Description
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 ft	CA-SCL-376H; Historic; Old Post Office, Romanesque style building erected 1892-1895. National Register Listed and a State Historical Landmark
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
Pacific Bell Repair, POP Peninsula Segment (San Jose) within 100 ft of repair work	CA-SCL-390H; Historic; Peralta Adobe. Oldest structure in San Jose (1804). a State Historical Landmark
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 ft	CA-SCL-392H; Historic; St. Joseph's Roman Catholic Church of San Jose (built 1875-1885. National Register Listed and a State Historical Landmark
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-443H; Historic; Hotel Saint Clair, San Jose. National Register Listed
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-461H; Historic; De Anza Hotel Building (built in the 1930s), San Jose. National Register Listed
Pacific Bell Repair, POP, Peninsula Segment (San Jose)	CA-SCL-466H; Historic; St James Square/St James Park, San Jose. National Register Listed
Pacific Bell Repair, Peninsula Segment (San Jose)	CA-SCL-471H; Historic; Italianate commercial building. National Register Listed
Pacific Bell Repair, Peninsula Segment (San Jose) within 50 ft	CA-SCL-570H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.

POINT OF PRESENCE (POP) RESULTS

Four previously recorded or newly recorded cultural resources are located within 1,000 feet of two of the eight proposed POP facility locations. One is a previously recorded prehistoric site, located within 1,000 feet of the POP location in Palo Alto, and two historic sites are located within 1,000 feet of the location in the City of San Jose. No previously recorded cultural resources are located within 100 feet of the eight POP facility locations (see TablesV-1 and V-2).

PACIFIC BELL NEW BUILD LOCATION RESULTS

The records search for the Pacific Bell conduit repairs revealed twenty-five cultural resource sites (plus two identified, but not officially recorded) to be present within 1,000 feet of repair segments in eight of the eighteen repair locations. All of the sites are previously recorded, no new sites were noted during the field reconnaissance. These sites consist of twelve prehistoric (plus one identified, but not officially recorded) and fourteen historic sites (plus one identified, but not officially recorded. Of these twenty-six sites, eight are situated within 100 feet of the proposed repair work activities. Of these eight, one prehistoric site is located along the Oakland Segment, one prehistoric site along the Marin Segment, one historic site along the Dumbarton Segment, and six historic sites, along the Peninsula Segment (see Tables V-1 and V-2).

LOS ANGELES BASIN NETWORK

The records and literature search revealed that 358 cultural resource studies/surveys have been previously conducted within a radius of 1,000 feet of the project Local Segments. These previous survey studies include narrow width project corridors for pipelines, utility lines, and roadways, as well as projects of a greater areal extent such as building and facility construction. Of the 261 studies/surveys, 186 covered portions of or involved resources present within these project segments. For the Los Angeles Network, the portions of the project area covered by these previous studies are small with no study covering a substantial amount. Overall, it appears that less than 30 percent of the total extent of the network has been previously surveyed.

A reconnaissance survey was conducted of all of the Local Segments and POP locations. As noted above, vision was severely inhibited during these surveys by the built environment in which these alignments and locations are planned, i.e. paved and/or landscaped streets. No, new cultural resources were discovered during the reconnaissance survey.

The record search revealed that seventeen prehistoric, historic, and multi-component sites that are both prehistoric/historic archaeological sites have been previously recorded within a 1,000-foot radius of the project alignment and POP locations. Most, of these sites due to their location in largely developed areas have been substantially disturbed by previous historic and/or modern activities such as construction and/or agriculture. As indicated above, the majority of prehistoric sites present in all of the project areas (north and south) consist of shellfish refuse deposits (shell

middens). For the Los Angeles Basin Network this is especially true, where ten of the seventeen sites identified are along the Marina Del Rey, Costa Mesa, and Fashion Island Local Segments, all situated adjacent to past or present coastal areas in proximity to marine resources. Prior to disturbance, some of these shell middens represented prehistoric habitation sites as indicated by the presence of varying amounts of developed deposit (depth), diverse artifacts, and/or ecofactual remains, and in some instances, by the presence of human burials. Previously recorded historic resources located within the study areas consist of trash deposits and scatters, and a Mexican Period (early 19th Century) adobe location.

LOCAL SEGMENTS RESULTS

A total of seventy-five cultural resource sites are recorded within 1,000 feet of five of the eighteen Los Angeles Basin Network Local Segment alignments. These seventy-five sites consist of seventy prehistoric and five historic sites. Of these seventy-five sites, nineteen (sixteen prehistoric and three historic) are recorded within 100 feet of project alignments and locations. Of these nineteen, eight are recorded along the Irvine Local Segment; three along the Fashion Island Local Segment, one along the Costa Mesa Segment, three along the Marina Del Rey Local Segment; one along the Carson to Costa Mesa Segment, one along the Century City Local Segment; and two along the Burbank Local Segment (Tables V-3 and V-4).

POINT OF PRESENCE FACILITIES RESULTS

At the time of the preparation of this environmental assessment, the exact location of the POPs for the Los Angeles Basin Network was not known. However, as discussed in Chapter 4 the general vicinity of these POP sites are known. Metromedia proposes to locate all of these 15 POP sites within existing buildings and has proposed, as an avoidance measure in Section VII, to not locate any POP site within a historic or potentially historic building.

TABLE V-3
CULTURAL RESOURCES LOCATIONS BY PROJECT ELEMENT FOR THE LOS ANGELES BASIN NETWORK

	Within 1,000 Feet of Project	Within the Project APE (100 feet of Project AE)
Burbank Local Segment	2(H)	2(H)
Pasadena Local Segment	None	None
Santa Monica Local Segment	None	None
Glendale Local Segment	None	None
Century City Local Segment	2(P), 2(H)	1(H)
Santa Monica to Burbank Local Segment	None	None
Hollywood Local Segment	None	None
Marina Del Rey Local Segment	4(P)	3(P)
LAX/Florence Segment	None	None
LAX Segment	None	None
El Segundo Segment	None	None
Long Beach/Downy Segment	None	None
Cypress/Buena Park Segment	None	None
Fashion Island Segment	5(P)	3(P)
Carson/Costa Mesa Segment	4(P), 1(H)	1(P)
Downtown Los Angeles Segment	None	None
Irvine Segment	54(P)	8(P)
Costa Mesa Segment	1(P)	1(P)
Point of Presence (POP) Sites	Unknown[a]	Unknown[a]

[a] Since the exact location of these sites are not known at this time no definitive locations can be identified. However, general avoidance mitigation measures are presented in Section VII of this document, which address this issue. The proposed location of the POP sites will be in existing facilities that will be selected such that they are not historic buildings it is unlikely that any prehistoric or historic resources will be identified.

(P) Prehistoric
(H) Historic
(P/H) Prehistoric and Historic

TABLE V-4
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

Location	Description
Century City Local Segment within 100 ft	CA-LAN-2479H; Historic; trash and construction debris; 20th Cent. Fox Film Corp. Studios
Century City Local Segment	CA-LAN-382; Prehistoric; occupation site with burial
Century City Local Segment	CA-LAN-1063; Prehistoric; occupation site
Century City Local Segment	CA-LAN-2392H; Historic; trash dump
Costa Mesa Local Segment within 100 ft	CA-ORA-1515; Prehistoric; shell midden
Irvine Local Segment Segment within 100 ft	CA-ORA-115A&B; Prehistoric; shell midden
Irvine Local Segment Segment	CA-ORA-195; Prehistoric; shell midden, occupation site
Irvine Local Segment Segment within 100 ft	CA-ORA-57(77); Prehistoric; shell midden with lithics
Irvine Local Segment Segment	CA-ORA-116; Prehistoric; shell midden
Irvine Local Segment Segment	CA-ORA-121; Prehistoric; shell midden
Irvine Local Segment Segment	CA-ORA-287; Prehistoric; shell midden
Burbank Local Segment within 100 ft	CA-LAN-1945H; Historic; Feliz Adobe; "native village of Cahuenga" should be in vicinity State Landmark Status
Burbank Local Segment within 100 ft	CA-LAN-2394H; Historic; trash dump
Marina Del Rey Local Segment within 100 ft	CA-LAN-54; Prehistoric; probable occupation site
Marina Del Rey Local Segment within 100 ft	CA-LAN-356; Prehistoric; shell midden with unidentified bone
Marina Del Rey Local Segment 00 ft. crosses project	CA-LAN-1698; Prehistoric; shell midden

TABLE V-4 (continued)
SENSITIVE AND PROTECTED RESOURCES POTENTIALLY AFFECTED BY CONSTRUCTION OF METROMEDIA'S LOS ANGELES AREA NETWORK AS IDENTIFIED DURING RECORD SEARCH, FIELD SURVEY AND SITE VISITS

Location	Description
Marina Del Rey Local Segment	CA-LAN-47; Prehistoric; shell midden; occupation site with burials
Irvine Local Segment within 100'	CA-ORA-56; Prehistoric shell midden
Irvine Local Segment within 100ft	CA-ORA-137; Prehistoric shell midden, lithic scatter, tools, points, groundstone
Irvine Local Segment within 100ft	CA-ORA-138; Prehistoric shell midden and lithic scatter
Irvine Local Segment within 50ft	CA-ORA-206; Prehistoric shell midden
Irvine Local Segment within 100ft	CA-ORA-1117; Prehistoric shell midden, lithic scatter and groundstone
Irvine Local Segment within 100ft	CA-ORA-1461; Prehistoric shell midden, lithic scatter, burial
Irvine Local Segment	CA-ORA-52; Prehistoric shell midden
Irvine Local Segment	CA-ORA-54 Prehistoric shell midden
Irvine Local Segment	CA-ORA-55; Prehistoric shell midden
Irvine Local Segment	CA-ORA-64; Prehistoric shell and lithic scatter, groundstone, tools
Irvine Local Segment	CA-ORA-92; Prehistoric shell midden and lithic scatter and groundstone
Irvine Local Segment	CA-ORA-100; Prehistoric shell midden
Irvine Local Segment	CA-ORA-102; Prehistoric shell midden and groundstone, village site
Irvine Local Segment	CA-ORA-116; Prehistoric shell midden
Irvine Local Segment	CA-ORA-136; Prehistoric shell midden
Irvine Local Segment	CA-ORA-140; Prehistoric tool/knife. Surface layer of midden has been scraped away.
Irvine Local Segment	CA-ORA-141; Prehistoric shell midden, lithic scatter. Site is destroyed.
Irvine Local Segment	CA-ORA-150; Prehistoric shell midden, lithic scatter, tools, groundstone
Irvine Local Segment	CA-ORA-151; Prehistoric shell midden, lithic scatter, tools, groundstone

TABLE V-4 (continued)
SENSITIVE AND PROTECTED RESOURCES POTENTIALLY AFFECTED BY CONSTRUCTION OF METROMEDIA'S LOS ANGELES AREA NETWORK AS IDENTIFIED DURING RECORD SEARCH, FIELD SURVEY AND SITE VISITS

Location	Description
Irvine Local Segment	CA-ORA-152; Prehistoric shell midden
Irvine Local Segment	CA-ORA-153; Prehistoric shell midden
Irvine Local Segment	CA-ORA-154; Prehistoric shell midden
Irvine Local Segment	CA-ORA-155; Prehistoric shell midden, groundstone, tools
Irvine Local Segment	CA-ORA-154; Prehistoric shell midden
Irvine Local Segment	CA-ORA-155; Prehistoric shell midden, groundstone, tools
Irvine Local Segment	CA-ORA-192; Prehistoric shell midden and groundstone
Irvine Local Segment	CA-ORA-139; Prehistoric shell and flake scatter
Irvine Local Segment	CA-ORA-167; Prehistoric shell midden, scraper, lithic scatter
Irvine Local Segment	CA-ORA-176; Prehistoric lithic waste and tool scatter
Irvine Local Segment	CA-ORA-199; Prehistoric tools and groundstone
Irvine Local Segment	CA-ORA-200; Prehistoric shell scatter, tools, groundstone
Irvine Local Segment	CA-ORA-201; Prehistoric shell midden and groundstone
Irvine Local Segment	CA-ORA-204; Prehistoric lithic scatter, hearth, groundstone, scraper
Irvine Local Segment	CA-ORA-205; Prehistoric shell and lithic scatter
Irvine Local Segment	CA-ORA-207; Prehistoric shell midden
Irvine Local Segment	CA-ORA-208; Prehistoric shell midden
Irvine Local Segment	CA-ORA-209; Prehistoric shell midden
Irvine Local Segment	CA-ORA-214; Prehistoric shell midden and lithic scatter
Irvine Local Segment	CA-ORA- 215; Prehistoric shell midden, lithic scatter, tool, and groundstone
Irvine Local Segment	CA-ORA-216; Prehistoric shell midden and lithic scatter
Irvine Local Segment	CA-ORA-480; Prehistoric shell midden and lithic scatter
Irvine Local Segment	CA-ORA-485; Prehistoric groundstone, tools, lithic scatter
Irvine Local Segment	CA-ORA-515; Prehistoric No description
Irvine Local Segment	CA-ORA-518; Prehistoric shell scatter
Irvine Local Segment	CA-ORA-574; Lithic scatter, exotic material
Irvine Local Segment	CA-ORA-1120; Prehistoric shell midden, lithic scatter, tools, and groundstone
Irvine Local Segment	CA-ORA-1158; Prehistoric lithic scatter, and tools
Irvine Local Segment	CA-ORA-1339; Prehistoric shell midden and lithic scatter
Irvine Local Segment	CA-ORA-1340; Prehistoric shell midden

TABLE V-4 (continued)
SENSITIVE AND PROTECTED RESOURCES POTENTIALLY AFFECTED BY CONSTRUCTION OF METROMEDIA'S LOS ANGELES AREA NETWORK AS IDENTIFIED DURING RECORD SEARCH, FIELD SURVEY AND SITE VISITS

Location	Description
Irvine Local Segment	CA-ORA-1341; Prehistoric shell midden
Irvine Local Segment	CA-ORA-1358; Prehistoric shell midden, lithic scatter, scraper and groundstone
Fashion Island Local Segment within 50ft	CA-ORA-373; Prehistoric lithic scatter, tools, groundstone
Fashion Island Local Segment within 100ft	CA-ORA-391; Prehistoric lithic scatter, tools, groundstone
Fashion Island Local Segment within 50ft	CA-ORA-508; Prehistoric lithic scatter, tools, groundstone, shell
Fashion Island Local Segment	CA-ORA-341; Prehistoric tools, shell, and one point
Fashion Island Local Segment	CA-ORA-543; Prehistoric lithic scatter and tools
Carson to Costa Mesa within 50 ft	CA-LAN-694; Prehistoric lithic scatter, many artifacts previously noted in this location
Carson to Costa Mesa	CA-LAN-695; Prehistoric shell midden
Carson to Costa Mesa	CA-LAN-698; Prehistoric shell and lithic scatter
Carson to Costa Mesa	CA-LAN-699; Prehistoric shell and lithic scatter
Carson to Costa Mesa	CA-LAN-2660; Historic trash deposit, glass, window glass, china, ironstone and rusty metal

VI. DISCUSSION/INTERPRETATION

A. INTRODUCTION

The results of the literature search, field survey, Native American consultation, and synthesis of data for the proposed project, indicate that there are known prehistoric and historic resources within the APE for the San Francisco Bay Area Network and for the Los Angeles Basin Network. Additionally, there is a strong likelihood, particularly for the San Francisco area, that unrecorded resources may be discovered during construction. Generally, the majority of the known resources are prehistoric although there are examples of Spanish/Mexican era sites and of more modern deposits of historic materials. As currently proposed, there are no historic buildings or elements of the built environment that exist within the APE or will be affected by the project.

B. SAN FRANCISCO BAY AREA NETWORK

Within the San Francisco Bay Area Network the existing database indicates that the majority of the resources that can be expected to be encountered within the APE consist of prehistoric sites and resources. Overall, these resources occur most commonly near creeks and rivers and vary from small deposits to village sites. Most of the resources were recorded during inventories and assessments for projects that were contiguous to the APE. The presence of resources contiguous to the APE may indicate potential for such resources to extend into area of the project. As discussed in Section V, sites within, and contiguous with, the APE were considered during this study. For the prehistoric sites that have been identified, there is a high level of Native American (Ohlone) concern about disturbance or disruption of archaeological sites. Ohlone consultant Andrew Galvan has identified areas that he believes to be sensitive and has recommended construction monitoring in those areas. For the most part, the areas identified by Galvan coincide with areas recommended for monitoring as a result of this study. In some instances, the areas to be monitored were expanded to include historic resources or areas of concern based on a synthesis of the available data.

The known historic sites within the APE are historic archaeological sites and generally consist post 1890s trash deposits or poorly defined scatters of bottle glass, metal, ceramics, or other artifacts. For the railroad right-of-way APE, it can be expected that such deposits are associated with early railroad activities or with the residential and commercial uses of the adjacent communities. There is some potential, although limited, that subsurface trenching or excavation within the railroad right-of-way may encounter historic features (walls, pipelines, and foundations) that predated construction of the railroad. For the APE not within the railroad right-of-ways, there is less potential for buried historic resources except in those segments of downtown Oakland and San Jose that were built prior to construction of the streets.

C. LOS ANGELES BASIN NETWORK

The current study indicated that the majority of the Los Angeles Basin Network has a relatively low potential for prehistoric sites within the APE. In large part this is because of the both the route taken by the APE and, more importantly, the fact that the APE is within streets and roads that required varying degrees of cutting and filling for their construction. There is, however, potential for subsurface prehistoric archaeological sites beneath streets in the Marina Del Rey, Newport Bay, and Irvine areas. This finding is based on the known presence of sites contiguous to the streets and the fact that in many cases, the streets are not deeply cut into the original landform. Consultation with local Gabrielino Indians has indicated that they are sensitive to the destruction or loss of prehistoric sites and that they consider several areas within the overall Network to be culturally sensitive.

Historic sites, excluding standing buildings, are poorly documented in, or adjacent to the APE. To a large extent this is because the majority of the APE crosses areas that were urbanized and built out after 1950 and because most of the roads and streets were built prior to requirements for environmental studies. A notable exception to this is the remains of the Mexican period Cahuenga/Felix Adobe in the Burbank Segment. Previous studies in this area have clearly indicated that presence of an important historic archaeological site associated with the Mexican period and with the hostilities between Mexico and the United States that led to Mexico's loss of Alta California.

VII. MANAGEMENT CONSIDERATIONS

A. INTRODUCTION

Following the requirements of the California Public Utilities Commission, this cultural resources study was prepared in compliance with the California Environmental Quality Act (CEQA). In addition, the study conforms with Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended, and the Public Resources Code SS5024.1, Title 14 CCR, Section 4850 et seq. and referenced in CEQA (Sec. 15064.5). Criteria for evaluation under Section 106 are relevant in regard to federal 404 wetland permits, and U.S. Army Corps permitting, which may be required for the project.

B. Regulations, APPROVALS, AND PERMITS APPLICABLE TO CULTURAL RESOURCES

1. FEDERAL

Federal regulations and policies pertain to those actions that involve federal funding, federal licensing, or federal permitting. Examples may include federal grants or licensing (FERC and ICC), encroachment into a Caltrans right of way, and federal permits associated with vegetation and wetlands (U.S. Army Corps of Engineers [Corps] Section 404 permits). At this stage of the project, there are no requirements for federal regulation although adherence to federal policies is often followed for consistency and as a best business practice. This is often done in the event that a Corps Section 404 permit is to be sought later and federal compliance would become a necessity.

SECTION 106 REVIEW

Section 106 of the National Historic Preservation Act (NHPA), and its amendments effective June 1999, requires that all federal agencies review and evaluate how their actions or undertakings may affect historic properties. Review under Section 106 is designed to ensure that historic properties are considered throughout the various stages of federal project planning and execution. Under Section 106, historic properties are those prehistoric and historic resources that are listed or eligible for listing in the National Register of Historic Places. The review process is administered by the Advisory Council on Historic Preservation and the State Office of Historic Preservation (SHPO). Recent changes to the Section 106 process have somewhat increased the role and authority of the SHPO and reduced the role of the Advisory Council.

For actions and projects specific to the fiber optic project, the Section 106 process may apply if there is a later requirement for a Corps Section 404 permit for river and stream crossings or other waterways under the Corps' jurisdiction.

FEDERAL REHABILITATION TAX CREDITS

In addition to implementation of the Section 106 process and the NHPA, the federal government seeks to stimulate private investment in historic buildings and historic districts through a Historic Structures Rehabilitation Tax Credit Program. In general, qualified investors can receive a tax credit commensurate to 20 percent of the qualified rehabilitation expenditures spent on verified historic rehabilitation projects. The act would apply if the project applicant were reusing, or doing adaptive reuse of, a historic structure and performing rehabilitation. These tax credits are typically approved for private investors rather than agencies or institutions.

2. STATE

With the CPUC as the lead agency, California policies and regulations are the primary source of regulations and guidelines.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

The California Environmental Quality Act (CEQA), enacted in 1970 (amended in subsequent years), serves as a means of informing city councils, boards of supervisors, and other decision makers as well as the public of the potential significant environmental impacts that proposed projects could have. While the term environment is somewhat all encompassing under CEQA, the built environment, to include prehistoric sites, landscapes, and historic structures, is specifically included.

CEQA mandates that environmental protection be given significant consideration in the decision-making process. While this statute applies to all government agencies that initiate a project including local, regional, and state agencies, the various agencies are, subject to the courts, left to interpret and implement CEQA at a local level. CEQA as adopted in 1970 was particularly vague when it came to defining the criteria for significant historical and prehistorical resources, believing in large part that local agencies and communities should make such determinations. There was also no direct concordance between California CEQA policy and federal mandates for historical preservation (NHPA/Section 106).

Some of the limitations or lack of direction inherent in the 1970 CEQA were remedied through recent amendments (1999). With the establishment of the California Register of Historical Resources (CRHR) in 1992, CEQA was amended to clarify which historic resources are significant, as well as what types of project impacts would be considered to be significantly adverse. A "substantial adverse change" means "demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired" (Section 15064.5). All properties on the California Register that may be affected by development or zoning actions must be considered under CEQA. The fact that a resource or property is not listed on the California Register does not preclude it from being significant and does not make it exempt from CEQA evaluation. Examples may include locally designated properties and properties evaluated as significant in cultural resource surveys that meet CRHR criteria and California Office of Historic Preservation standards (the current surveys meet such criteria). Native American sites and areas

of cultural sensitivity or sacred value may also be found to be significant in spite of not being listed or to have perceived value to the community as a whole.

CEQA applies to discretionary projects and permits. Substantial adverse change to the significance of a historical resource is perceived to constitute a significant effect on the environment. CEQA prohibits the use of a categorical exemption for projects that may cause a substantial adverse change (Section 153002[f]) to the character of neighborhood, structure, site, or resource which is defined as demolition, destruction, relocation, or alteration activities that would negatively impact historical significance. Ministerial actions that may impact a historical resource are exempt from CEQA. Typical ministerial actions include actions that require a non-discretionary building or grading permit. Demolition permits are also ministerial actions exempt from CEQA. If the demolition is an element of a proposed project, the action becomes discretionary and is not exempt from CEQA.

STATE HISTORICAL BUILDING CODE

In California, the State Historical Building Code ("SHBC") provides some degree of flexibility to owners of historic structures towards meeting building code requirements. The SHBC standards and regulations are performance-oriented rather than prescriptive unlike most housing codes which are more prescriptive. Jurisdictions must use the SHBC when dealing with qualified historical buildings, structures, sites, or resources in permitting repairs, alterations and additions necessary for the preservation, rehabilitation, relocation, related reconstruction, change of use, or continued use of a historic property. The State Historical Building Safety Board has adopted the following definition for a qualified historical house or resource:

A qualified historical building or structure is any structure, collection of structures, and their associates sites, deemed of importance to the history, architecture or culture of an area by an appropriate local, state, or Federal governmental jurisdiction. This should include designated structures declared eligible or listed on official national, state, or local historic registers or official inventories such as the National Register of Historic Places, State Historic Landmarks, State Points of Historical Interest, and officially adopted city or county registers or inventories of historical or architecturally significant sites, places, or landmarks.

Under the provisions of the SHBC, new construction or modifications, such as placing a generating station or other fiber optic facility in a historic building must conform to prevailing codes, although the elements of the existing structure are given the flexibility of reasonable and sensitive alternatives. The alternative building standards and regulations encompassed by the SHBC are intended to facilitate the renovation in a manner that assists in the preservation of original or restored architectural elements and features, encourages energy conservation, provides a cost-effective approach to preservation, and ensures the safety of occupants.

3. COUNTY

The policies and regulations of the various counties as they apply to historical resources in the project area are limited. Each affected county has policies (ordinances and General Plans) that echo CEQA and also reflect local policy on the preservation and enhancement of historical resources. In general, each county seeks to preserve and enhance the cultural resources within

their jurisdiction. The affected counties have preservation guidelines and historical elements within their general plans and regulations for application of CEQA.

4. CITY

The policies and regulations of the various cities as they apply to historical resources in the project area are limited. Each affected city has policies (ordinances and General Plans) that echo CEQA and also reflect local policy on the preservation and enhancement of historical resources.

C. APPROACH TO ANALYSIS

The future levels of impact to cultural resources (prehistoric and historic) are somewhat hypothetical. Tables VII-1 and VII-2, on pages VII-? and VII-??, respectively, provide a synopsis of the cultural resource sites (archaeological and historical) that are known to exist within the Area of Potential Effect (APE) for the project, or are contiguous to the APE; the tables provide a brief description of the site type and note the appropriate mitigation measure or measures. Three major assumptions were used to evaluate and assess potential project impacts: 1) that the resources noted in Tables VII-1 and VII-2 are actually within the area of potential effect (APE) for the project, 2) that because most of the recorded resources have not been evaluated for significance, they must be assumed to have some level of significance at this point in the analysis i.e., Native American, scientific, or cultural, and 3) that, with the exception of standing buildings that may abut the APE and railroad bridges/trestles that would not be affected, the feasibility of total avoidance of a given archaeological resource at this time is problematic. This last assumption applies largely to trenching activities in sensitive archaeological site areas. It is assumed that it most cases except for the portals or entry ports required for directional boring, that borings would avoid archaeological and historical sites. Exceptions would be if the boring did not extend below the subsurface of the resource and cut through a buried site.

D. CRITERIA FOR DETERMINING SIGNIFICANCE

The overarching criteria for determining the significance of impacts to cultural resources are the significance of the resources themselves, as provided in Public Resources Code SS5024.1, Title 14 CCR, Section 4850 et seq. and referenced in CEQA, and the severity of the impact in diminishing or destroying the given resource (Sec. 15064.5). While the General Plans for the various counties and cities and California Coastal Act also address criteria for impact significance, these plans and guidelines necessarily reflect CEQA and efforts to preserve and protect California Historic Landmarks. More specifically, impacts are deemed to be significant if they:

- affect the quality or integrity of a listed, nominated, or potentially eligible for listing California Historic Landmark.
- alter or destroy historic and prehistoric resources of value to the community, the region, the state or the nation.

- affect the cultural or spiritual values of an identified cultural group, i.e., local Native Americans
- substantially change or alter an important cultural landscape.

E. IMPACT MECHANISMS

It is assumed that the greatest impact to cultural resources, and more specifically archaeological resources on the ground, would occur as a result of construction related activities either from trenching for installation of the conduits, portals excavated for directional boring, or other ground disturbing activities. While construction of the points of presence (POPs) pose a point specific and usually angular impact, ground-disturbing activities associated with placement of the conduits are linear and relatively narrow. A second type of impact could occur from hanging or placing conduits on historical bridges, trestles, or buildings.

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

Normal, routine maintenance would not typically constitute a significant impact. Exceptions might include emergency repairs that required mechanical excavation in sensitive areas, particularly areas that have not been previously disturbed.

F. IMPACT ASSESSMENT

SAN FRANCISCO BAY AREA NETWORK

Table VII-1 summarizes the archaeological and historical site types, their location, and suggested mitigation to avoid significant impacts to cultural resources within the San Francisco Bay Area Network. Figure **VII-1** indicates where the primary areas that would require mitigation before and during construction are located. The discussion of impacts and recommended mitigation of impacts is keyed to the categories defined by the CPUC. For example, if the question of will the action cause a substantial adverse change in the significance of a historical resource is answered in the affirmative, it is then followed by the appropriate mitigating measure.

1. Will the action cause a substantial adverse change in the significance of a historical resource?

Type of impact. Possible adverse changes to the significance of historical resources. (applies specifically to historic buildings that may be affected by placing POPs into historic structures thus altering their physical and aesthetic qualities). (Less than significant with Identified Mitigation)

TABLE VII-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

Location	Description	Mitigation
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 ft	PN-1H; Historic; trash dump	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Peninsula North within 50 ft	CA-SMA-343H; Historic; trash dump	Avoid/Not in direct impact area
Peninsula North within 50 ft	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 ft	CA-SMA-316; Prehistoric; shell midden (C-791; shell-mound, possible burials, bones found)	Test/Evaluate/Monitor/ Evaluate Discoveries /Avoid or Conduct Data Recovery
Peninsula North 00 ft (crosses project)	CA-SMA-317; Prehistoric; shell midden, lithics (C-789/790 shellmound)	Test/Evaluate/Monitor/ Evaluate Discoveries /Avoid or Conduct Data Recovery

TABLE VII-1 (continued)
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

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 ft (crosses project)	CA-SMA-4; Prehistoric; occupation site (C-765; shell-mound, possible burials)	Test/Evaluate/Monitor/ Evaluate Discoveries /Avoid or Conduct Data Recovery
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 ft (crosses project)	CA-SMA-233; Prehistoric; shell midden (C-766?; shell-mound, occupation site, possible burials)	Test/Evaluate/Monitor /Evaluate Discoveries/Avoid or Conduct Data Recovery
Peninsula North	CA-SMA-318; Prehistoric; shell midden (C-768; shell-mound, no artifacts reported)	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
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

TABLE VII-1 (continued)
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

Location	Description	Mitigation
Peninsula South Within 50 ft	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	CA-SCL-22; Prehistoric (no site record on file)	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Peninsula South	CA-SCL-413; Prehistoric; burial and shell midden	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery

TABLE VII-1 (continued)
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

Location	Description	Mitigation
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 ft (crosses project)	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

TABLE VII-1 (continued)
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

Location	Description	Mitigation
East Bay North	CA-ALA-315; Prehistoric	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
East Bay North	CA-ALA-321; Prehistoric (no site record available)	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 ft	CA-ALA-506; Prehistoric; isolated burial with artifacts	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
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 ft	CA-SCL-438H; Historic; trash deposit	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
East Bay South 00 ft (crosses project)	CA-SCL-4; Prehistoric; occupation and burial site	Test/Evaluate/Monitor/ Evaluate Discoveries /Avoid or Conduct Data Recovery
Pacific Bell, Marin Segment (Sausalito), within 50 ft	CA-MRN-1; Prehistoric shell midden	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery

TABLE VII-1 (continued)
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

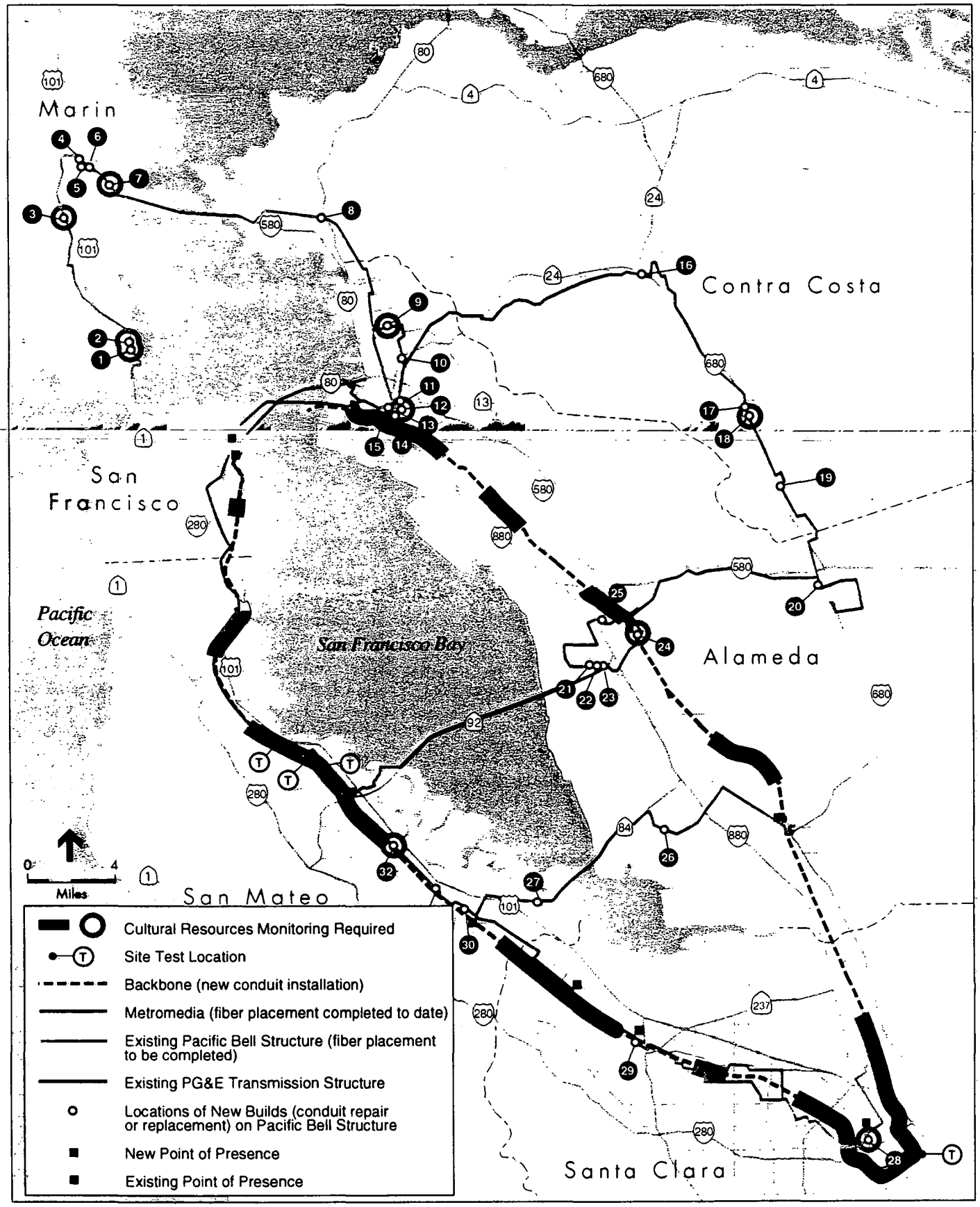
Location	Description	Mitigation
Pacific Bell Repair, Marin Segment (Sausalito)	CA-MRN-2; Prehistoric, shell midden	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Pacific Bell Repair, Marin Segment (Larkspur)	CA-MRN-67; Prehistoric shell mound, burial site	Monitor/Evaluate Discoveries /Avoid 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 ft	CA-ALA-22; Prehistoric; habitation site; burial removed in 1928 ("beneath city building")	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Pacific Bell Repair, Dumbarton Crossing Segment (Newark) 00 ft (crosses project)	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

TABLE VII-1 (continued)
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

Location	Description	Mitigation
Pacific Bell Repair, Peninsula Segment within 50 ft	CA-SCL-39H; Historic; trash deposit	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 ft	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 ft	CA-SCL-363H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery
Pacific Bell Repair, Peninsula Segment (San Jose) within 100 ft	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
Pacific Bell Repair, POP Peninsula Segment (San Jose) within 100 ft 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 ft	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

TABLE VII-1 (continued)
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

Location	Description	Mitigation
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 ft	CA-SCL-570H; Historic; City lot in area of early development of San Jose with subsurface foundations, trash deposits.	Monitor/Evaluate Discoveries /Avoid or Conduct Data Recovery

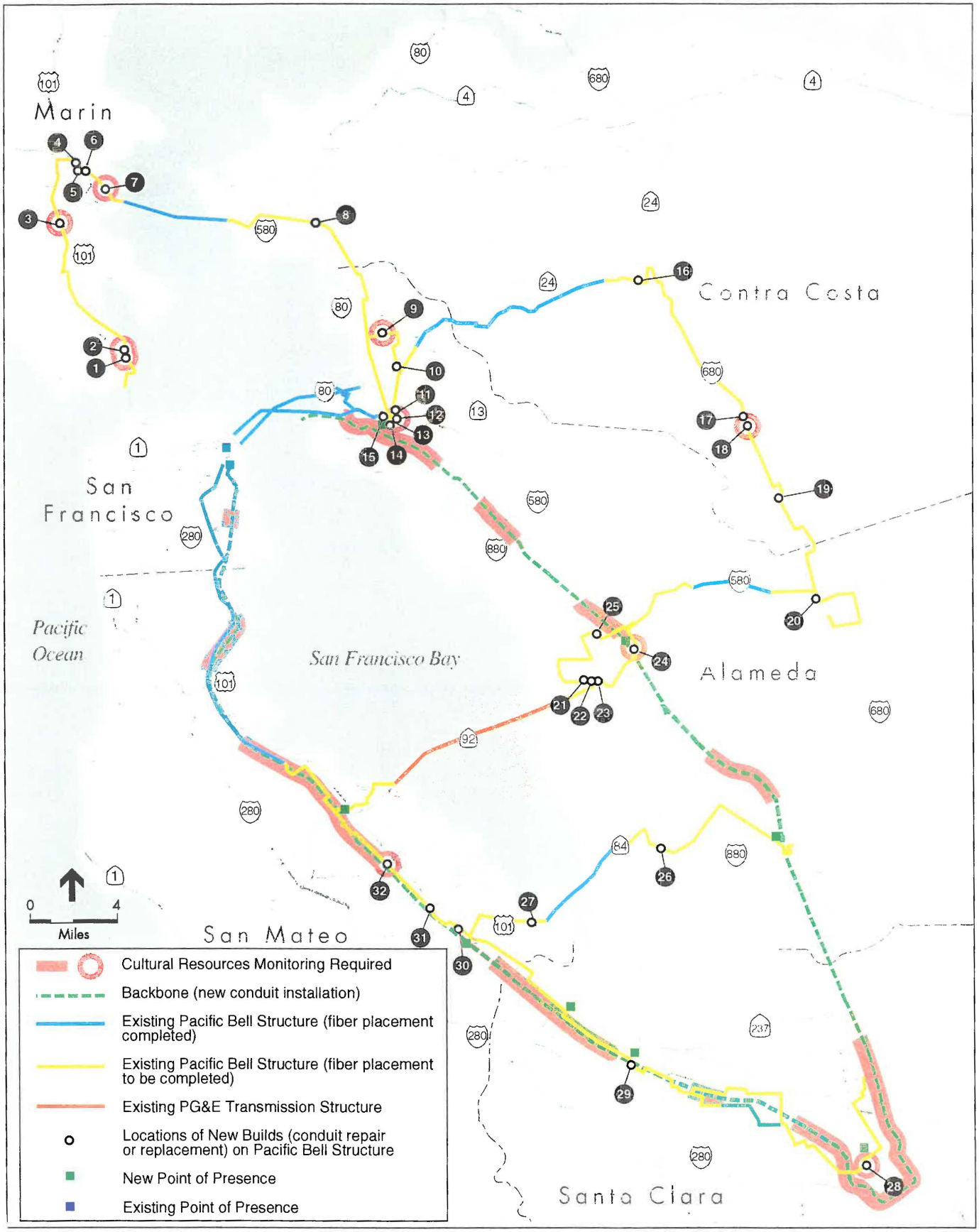


Proponent's Environmental Assessment for MFNS Application to Modify Its CPCN / 200032 ■

SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

Figure VII-1

Overview of Cultural Resources Test and Monitoring Locations in Metromedia's San Francisco Bay Area Network



Proponent's Environmental Assessment for MFNS Application to Modify Its CPCN / 200032 ■

SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

Figure 6.E-1

Overviewof Cultural Resources Monitoring Locations in Metromedia's San Francisco Bay Area Network

Mitigation Measure 1: Avoid historical building sites for installation of POPs.

Metromedia would not attempt to locate POPs within existing buildings designated as historic structures or buildings over 45 years of age that have potential to be historic structures. For the project area, these buildings are clustered in the older sections of urban area and within railroad right-of-ways (train depots and manufacturing plants). If it is unavoidable that a historic structure is proposed for use, the potential impact would be evaluated and measures developed to mitigate the impacts. Measures would include prohibiting structural or architectural modifications that would alter the architectural or aesthetic qualities of the building or designing additions or modifications in such a manner as to be consistent with the architectural style.

2. ***Will the action cause a substantial adverse change in the significance of a unique archaeological resource pursuant to §15064.5?***

2a: Type of Impact. Possible substantial effects to known, but unevaluated prehistoric and historic archaeological deposits from trenching operations (construction related impact, particularly open trenches and portals for bi-directional boring within specified sensitive areas). (Less than significant with Identified Mitigation).

Trenching and other subsurface excavation in the areas known to contain archaeological sites, or suspected to have such sites, would disturb or destroy significant cultural resources. A small number of sites (five) are known to exist within railroad right-of-ways and should be tested for their areal distribution, integrity, and significance, prior to construction. Pre-construction testing is preferable to monitoring for these sites given their potential to be important resources, Native American concerns that construction could affect sacred sites or burials, and the possibility that some form of mitigation requiring data recovery excavation could be required if significant resources are encountered and could not be avoided. Because data recovery can be time consuming and impede construction if it is left until construction is underway, testing to determine the need, if any, for such recovery should be performed as early as possible in the planning stages but after a 75-80% engineering threshold is met.

The vast majority of the sites of concern is within railroad right-of-ways or potentially exists under paved urban roads. In these instances, construction monitoring by a Native American and qualified archaeologist, followed by either avoidance of resources encountered during monitoring or scientific excavation and analysis of recovered materials in the sensitive areas could serve to mitigate the impacts. Without monitoring and avoidance/excavation, if warranted, construction trenching and subsurface excavation could cause less than significant impacts to resources determined to not be significant resources and could cause significant impact to resources determined to be cultural or scientifically significant or eligible for nomination to the California Historic Landmarks list.

Mitigation Measure 2a: Conduct pre-construction archaeological testing.

Metromedia would conduct pre-construction archaeological testing for the four sites of concern in the San Mateo area and the one site near San Jose. These sites were selected for testing rather than construction monitoring because of their site type (human remains or settlement), their

verified presence within the APE, or their Native American sensitivity. If the sites are determined to not be significant or eligible for nomination to the California Historic Landmarks list no further pre-construction testing or evaluation would be required. Monitoring would be conducted in the area of the site during construction and application of the measures stipulated in the archaeological Treatment Plan to include avoidance if feasible, or scientific data recovery and analysis if avoidance is not feasible. Where necessary, Metromedia would seek Native American input and consultation.

2b Type of Impact: Possible substantial effects to potential, poorly recorded, or possibly badly disturbed prehistoric and historic archaeological deposits from trenching operations (construction related impact, particularly open trenches and portals for bi-directional boring within specified sensitive areas. (Less than significant with Identified Mitigation)

Mitigation Measure 2b: Conduct archaeological monitoring.

Metromedia would conduct monitoring in areas that have been identified as archaeologically sensitive during construction. In most cases, the areas to be monitored are segments of the project that have resources recorded within 100 feet of the APE, have verified resources contiguous to the APE, are near to major streams or creeks, or were identified as sensitive to the Native American community. Other areas requiring monitoring are the Pacific Bell Repair Segments and new build POP locations in the San Francisco Bay Area Network and the Local Segments for the Los Angeles Basin Area Network.

If resources are encountered, they would be tested and evaluated for their significance and eligibility for nomination to the California Historic Landmarks list. If the resource were found not significant, no additional mitigation beyond continued monitoring would be required. If the resource is determined to be significant application of the measures stipulated in the archaeological Treatment Plan would be implemented to include avoidance if feasible, or scientific data recovery and analysis if avoidance is not feasible. Where necessary, Metromedia would seek Native American input and consultation.

3. Will the action disturb any human remains, including those interred outside of formal cemeteries?

Impact 3: Possible substantial effects to human burials from trenching operations (construction related impact, particularly open trenches and portals for bi-directional boring within specified sensitive areas). (Less than significant with Identified Mitigation -however Native American groups may perceive impacts from any form of disturbance of human remains.)

Trenching and other subsurface excavation in the areas known to contain burials or archaeological sites of the type known to possess burials (occupation sites), or areas suspected to have such sites, would disturb or destroy significant human remains. This could include prehistoric remains or non-Indian pioneers burials. Construction monitoring by a Native American and qualified archaeologist, followed by either avoidance of burials encountered during monitoring or scientific excavation and analysis of recovered materials in the sensitive areas could serve to mitigate the impacts. Without monitoring and avoidance/excavation, if warranted,

construction trenching and subsurface excavation could cause significant impact to human remains.

Mitigation Measure 3: Implement Mitigation Measure 2a or 2b as appropriate.

LOS ANGELES BASIN NETWORK

Table VII-2 summarizes the archaeological and historical site types, their location, and suggested mitigation to avoid significant impacts. Figure VII-2 indicates where the primary areas that would require mitigation before and during construction are located.

For the Los Angeles Basin Network, potential impacts and mitigation are the same as described above for Impact/Mitigation Measures 1 through 3. Emphasis is placed on monitoring and avoidance of resources during construction. Because all of the sensitive site areas within the APE are in paved streets and roads, it is not considered feasible to recommend subsurface testing prior to construction. In only one case, the Cahuenga/Felix Adobe, is there a certainty that some portions of a resource exist subsurface. The foundations of this structure are currently (March 2000) under study and evaluation as part of the Los Angeles Metro Rail project. Based on the findings of that study, the mitigation measure for the adobe may be changed to recommend limited subsurface testing along the APE at a point that the actual trench line is firmly established.

TABLE VII-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

Location	Description	Mitigation
Century City Local Segment within 100 ft	CA-LAN-2479H; Historic; trash and construction debris; 20th 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 ft	CA-ORA-1515; Prehistoric; shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment within 100 ft	CA-ORA-115A&B; Prehistoric; shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment	CA-ORA-195; Prehistoric; shell midden, occupation site	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment within 100 ft	CA-ORA-57(77); Prehistoric; shell midden with lithics	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment	CA-ORA-116; Prehistoric; shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment	CA-ORA-121; Prehistoric; shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment Segment	CA-ORA-287; Prehistoric; shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Burbank Local Segment within 100 ft	CA-LAN-1945H; Historic; Feliz Adobe; "native village of Cahuenga" should be in vicinity. State Landmark Status	Avoid/may be in direct impact area

TABLE VII-2 (continued)
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

Location	Description	Mitigation
Burbank Local Segment within 100 ft	CA-LAN-2394H; Historic; trash dump	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Marina Del Rey Local Segment within 100 ft	CA-LAN-54; Prehistoric; probable occupation site	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Marina Del Rey Local Segment within 100 ft	CA-LAN-356; Prehistoric; shell midden with unidentified bone	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Marina Del Rey Local Segment 00 ft. crosses project	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'	CA-ORA-56 Prehistoric shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment within 100ft	CA-ORA-137 Prehistoric shell midden, lithic scatter, tools, points, groundstone	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment within 100ft	CA-ORA-138 Prehistoric shell midden and lithic scatter	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment within 50ft	CA-ORA-206 Prehistoric shell midden	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment within 100ft	CA-ORA-1117 Prehistoric shell midden, lithic scatter and groundstone	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment within 100ft	CA-ORA-1461 Prehistoric shell midden, lithic scatter, burial	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery

TABLE VII-2 (continued)
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

Location	Description	Mitigation
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
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

TABLE VII-2 (continued)
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

Location	Description	Mitigation
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
Irvine Local Segment	CA-ORA-167 Prehistoric shell midden, scraper, lithic scatter	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery

TABLE VII-2 (continued)
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

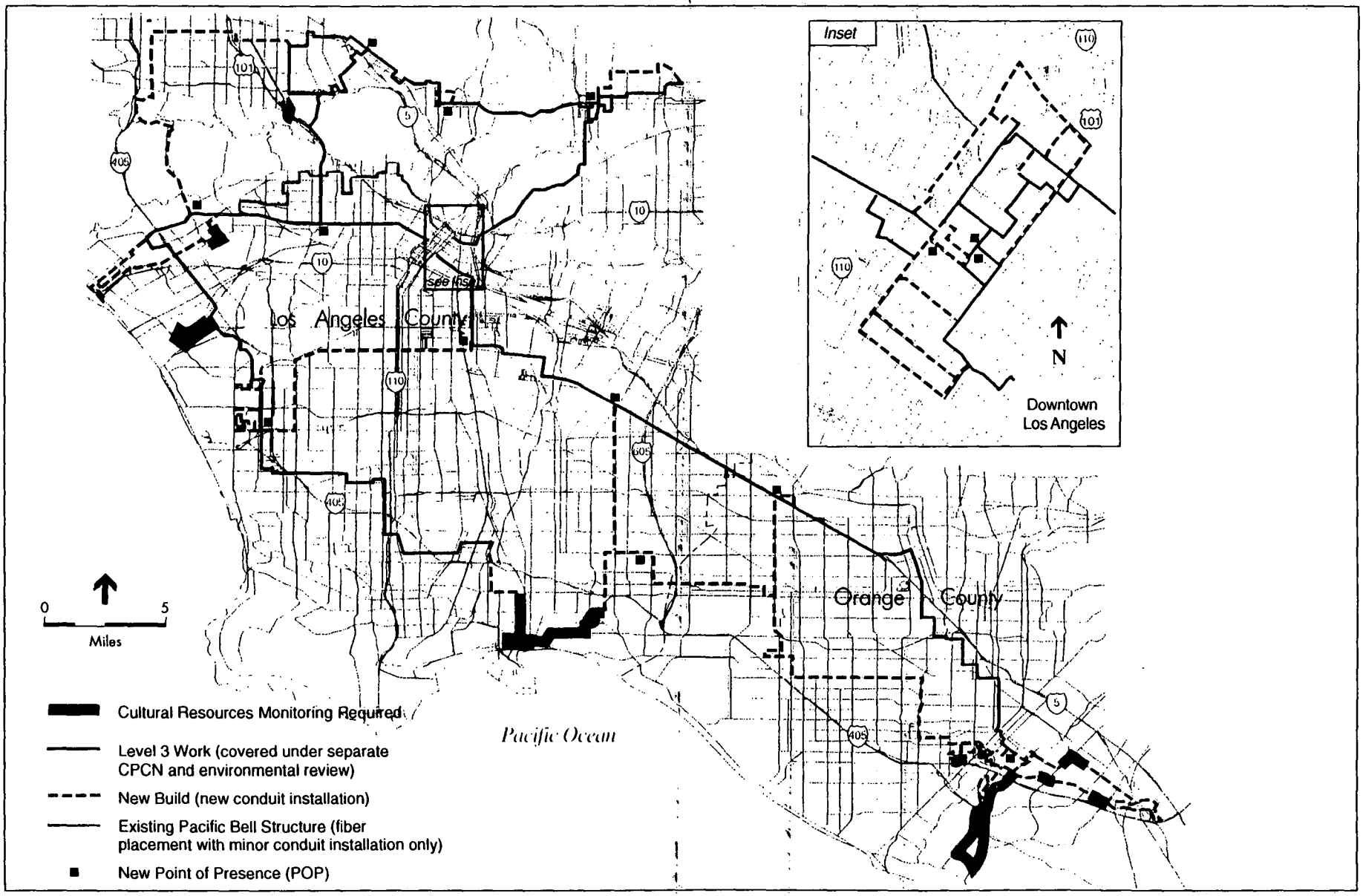
Location	Description	Mitigation
Irvine Local Segment	CA-ORA-176 Prehistoric lithic waste and tool scatter	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine Local Segment	CA-ORA-199 Prehistoric tools and groundstone	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
Irvine 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

TABLE VII-2 (continued)
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

Location	Description	Mitigation
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
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

TABLE VII-2 (continued)
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

Location	Description	Mitigation
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 ft	CA-LAN-694 Prehistoric lithic scatter, many artifacts previously noted in this location	Monitor/Evaluate Discoveries /Avoid or conduct Data Recovery
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

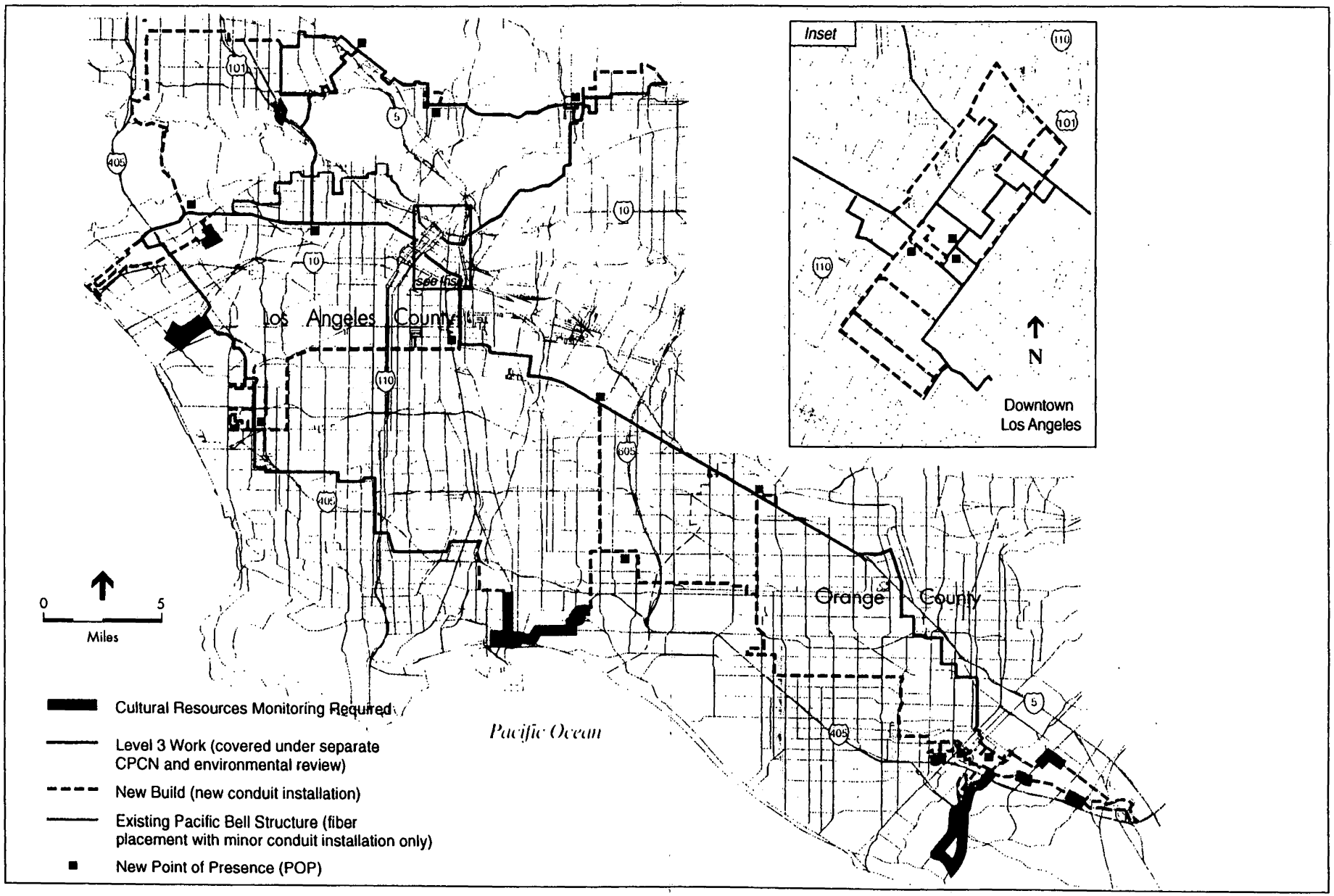


SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

Figure VII-2
Overview of Cultural Resources Monitoring Locations in Metromedia's Los Angeles Basin Network

G. SUMMARY OF IMPACTS AND MITIGATION

The literature search, Native American consultation, data synthesis, and field inventories conducted for the two MetroMedia fiber optic networks has identified significant, and potentially significant prehistoric and historic resources within the APE for both networks. When feasible, and warranted by the nature of the resource, pre-construction testing and evaluation is recommended for five of the sites within the San Francisco Bay Area Network; no resources are recommended for testing within the Los Angeles Basin Network although on-going evaluation of the Cahuenga/Felix Adobe in the Burbank Local Segment may reveal the need for testing. If the sites recommended for testing are found to be significant resources, avoidance may be recommended. Should avoidance not be feasible, data recovery by means of excavation and analysis would be performed. For those areas that require monitoring, the monitor shall have the authority to temporarily halt construction and evaluate resources encountered during subsurface excavation. If the resource is deeded to not be a significant resource, construction would continue. If the resource is determined to be significant, the resource would either be avoided, or if avoidance were not feasible, a data recovery program would be instituted. Based on the currently available information and a review of the project APE, it is believed that project related impacts can be reduced to a level of non-significance.



SOURCE: Neill Engineers Corp; Environmental Science Associates; Mooney and Associates

Figure VII-2
Overview of Cultural Resources Monitoring Locations in Metromedia's Los Angeles Basin Network

G. SUMMARY OF IMPACTS AND MITIGATION

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The San Dieguito Complex and Its Place in San Diego County Prehistory. *Archaeology Survey Annual Report*, 1960-1961, pp. 246-291. University of California, Los Angeles, 1961.

APPENDIX A

Acronyms and Abbreviations Used in the Report

Acronym or Abbreviation/Explanation

AE	Area of Effect
APE	Area of Potential Effect
ARMR	Archaeological Resource Management Reports
ARPA	Archaeological Resources Protection Act
B.P.	before present
CEQA	California Environmental Quality Act
CRHR	California Register of Historical Resources
CPUC	California Public Utilities Commission
NAHC	Native American Heritage Commission
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
POP	Point of Presence
ROWs	Rights-of-way
RPA	Register of Professional Archaeologists (formerly SOPA)
SHBC	State Historical Building Code
SHPO	State Historic Preservation Officer
USGS	United States Geological Survey

APPENDIX B

Record Searches

Confirmation Letters

Historical Resources Information System



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
Sonoma State University
1801 East Cotati Avenue
Rohnert Park, California 94928-3609
(707) 664-2494 • Fax (707) 664-3947
E-mail: nwic.center@sonoma.edu

AGREEMENT OF CONFIDENTIALITY FILE NO.: 99-884

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

I agree to submit to this Information Center completed site records and preliminary reports pertinent to the project(s) noted below no later than thirty days after completion of field investigation. Subsequent reports will also be forwarded, if applicable.

I understand that all services performed in-person and by Information Center staff are subject to a one hour minimum charge, thereafter increased by the half hour, and that payment must be remitted within thirty days of billing.

Failure to comply with the above agreement is grounds for denial of access to the historical resources data on file at the Northwest Information Center.

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

Theodore Cooley

NAME: Richard Carrico SIGNATURE/DATE: _____

AFFILIATION: Mooney & Associates

ADDRESS: 9903 Businesspark Ave., San Diego, CA 92131

TELEPHONE: 858-578-8964 FAX: _____

PURPOSE OF RESEARCH: XX planning _____ scientific/academic _____ other

PROJECT: Metromedia Fiberoptic Cable, Bay Area

COUNTY: Alameda, Santa Clara, San Mateo, & San Francisco

MAP: Oakland West, Oakland East, SAn Leandro, Hayward, Newark,

COMMENTS: Niles, Milpitas, Calaveras Reservoir, San Jose East, San Jose West, Cupertino, Mountain View, Palo Alto, Redwood Point, Woodside, San Mateo, Montara Mountain, San Francisco South, and San Francisco North 7.5'

see attached

STAFF USE ONLY

Date request rec'd: Mail 12/23/99 Phone _____ Fax _____ In person _____

Date of response: Mail 1/14/00 Phone 1/4,5,7,11 Fax _____ In person 1/12/00

Staff processing:	30 hour(s) @ $90/hour		$ 2700.00
*** CHECK IN: _____	CHECK OUT: _____ ***		
In person research:	_____ hour(s) @ $60/hour/person		$ _____
Xerox/Computer Search:	1018 page(s) @ $.15/page		$ 152.70
	14.5 hour(s) @ $15/hour		$ 217.50
Fax @ $10 minimum charge for up to 10 pages, $1/page thereafter:			$ _____
Other:			$ _____
		SUBTOTAL	$ 3070.20
Rapid Response surcharge of 50% of total cost:		SURCHARGE	$ 1535.10
		TOTAL	$ 4605.30

Lisa C. Hagel
Information Center Staff

Disk 6 *confagr.doc

Historical Resources Information System



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
Sonoma State University
1801 East Cotati Avenue
Rohnert Park, California 94928-3609
(707) 664-2494 • Fax (707) 664-3947
E-mail: nwic.center@sonoma.edu

AGREEMENT OF CONFIDENTIALITY FILE NO.: 00-81

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

I agree to submit to this Information Center completed site records and preliminary reports pertinent to the project(s) noted below no later than thirty days after completion of field investigation. Subsequent reports will also be forwarded, if applicable.

I understand that all services performed in-person and by Information Center staff are subject to a one hour minimum charge, thereafter increased by the half hour, and that payment must be remitted within thirty days of billing.

Failure to comply with the above agreement is grounds for denial of access to the historical resources data on file at the Northwest Information Center.

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

NAME: Ted Cooley SIGNATURE/DATE: _____
AFFILIATION: Mooney & Associates
ADDRESS: 9903 Businesspark Avenue, San Diego, CA 92131-1120
TELEPHONE: 858-578-8964 FAX: 858-578-0578

PURPOSE OF RESEARCH: XX planning _____ scientific/academic _____ other
PROJECT: Metromedia Fiberoptic Cable segments
COUNTY: Alameda, Contra Costa, Marin, San Mateo, & Santa Clara
MAP: Newark, Hayward, Dublin, Diablo, Walnut Creek, Richmond,
COMMENTS: Oakland West, San Quentin, San Rafael, San Francisco North, San Mateo, Palo Alto, San Jose West, & San Jose East 7.5'

STAFF USE ONLY

Date request rec'd: Mail 2/1/00 Phone _____ Fax _____ In person _____
Date of response: Mail 2/15/00 Phone 2/11,15/0 Fax 2/11,15 In person _____

Staff processing:	10.5 hour(s) @ $90/hour		$ 945.00
*** CHECK IN: _____	CHECK OUT: _____ ***		
In person research:	_____ hour(s) @ $60/hour/person		$ _____
Xerox/Computer Search:	240 page(s) @ $.15/page		$ 36.00
	2.5 hour(s) @ $15/hour		$ 37.50
Fax @ $10 minimum charge for up to 10 pages, $1/page thereafter:			$ _____
Other:			$ _____
		SUBTOTAL	$ _____
id Response surcharge of 50% of total cost:		SURCHARGE	$ _____
		TOTAL	$ 1018.50

Lisa C. Hagel
Information Center Staff

South Central Coastal Information Center
California Historical Resources Information System
UCLA Institute of Archaeology
A163 Fowler Building
Los Angeles, California 90095-1510
(310) 825-1980 / FAX (310) 206-4723 / sccic@ucla.edu

Los Angeles
Orange
Ventura

Theodore Cooley
Mooney and Associates
9903 Businesspark Avenue
San Diego, CA 92131-1120

January 10, 2000

RE: Expedited Records Search for the Metromedia Fiberoptic Cable Project, Los Angeles and Orange Counties

Dear Mr. Cooley,

As per your request received on December 23, we have conducted an expedited records search for the above referenced project. This search includes a review of all recorded historic and prehistoric archaeological sites within a quarter-mile radius of the project area as well as a review of all known cultural resource survey and excavation reports. In addition, we have checked our file of historic maps, the National Register of Historic Places, the California State Historic Resources Inventory, the California Points of Historical Interest, and the listing of California Historical Landmarks in the region. The following is a discussion of our findings.

Hollywood Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: two listings (see enclosed list)
PHI: one listing (see enclosed list)
NR: sixteen listings (see enclosed list)
LA City: fifty listings (see enclosed list)
HRI: numerous (see enclosed lists)
There are two additional built environment resources within a quarter-mile radius of the project area: 19-150332 and 19-180675

Cultural resources investigations within the project area:
LA447, LA1578, LA1968, LA2451, LA2768, LA3147, LA4381, LA4574, LA4580, and LA4606

Cultural resources investigations within a quarter-mile radius of the project area:
LA110, LA1350, LA1939, LA2763, LA3618, LA4313, LA4345, and LA4558

South Gate Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: none
LA City: none
HRI: numerous (see enclosed lists)
There is one additional built environment resource within the project area: 19-186110

Cultural resources investigations within the project area:
LA2577, LA2644, LA2950, LA4525, and LA4737

Cultural resources investigations within a quarter-mile radius of the project area:
LA4470

Beverly Hills Quadrangle

Archaeological resources within the project area:
19-002479

Archaeological resources within a quarter-mile radius of the project area:
19-000382, 19-001063, and 19-002392

Built environment resources within a quarter-mile radius of the project area:
SHL: one listing (see enclosed list)
PHI: one listing (see enclosed list)
NR: four listings (see enclosed list)
LA City: three listings (see enclosed list)
HRI: numerous (see enclosed lists)
There are five additional built environment resources within the project area: 19-150387, 19-150388, 19-150389, 19-150390, and 19-150391

Cultural resources investigations within the project area:
LA5, LA711, LA847, LA857, LA1121, LA1975, LA2200, LA2277, LA2377, LA3678, LA3679, LA3680, LA3729, LA3739, LA3765, LA4175, LA4239, and LA4549

Cultural resources investigations within a quarter-mile radius of the project area:
LA704, LA708, LA1371, LA2099, LA3322, LA3324, LA3402, LA3623, LA3733, LA3857, LA3872, LA4344, LA4406, LA4550, LA4553, LA4568, LA4571, and LA4665

Pasadena Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: one listing (see enclosed list)
LA City: none
HRI: several possible (see enclosed lists)

Cultural resources investigations within the project area:
None

Cultural resources investigations within a quarter-mile radius of the project area:
LA3576

Inglewood Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: one listing (see enclosed list)
PHI: none
NR: none
LA City: two listings (see enclosed list)
HRI: numerous possible (see enclosed lists)

Cultural resources investigations within the project area:
LA78, LA2904, LA2950, LA4097, and LA4385

Cultural resources investigations within a quarter-mile radius of the project area:
LA168, LA3245, LA3501, and LA3583

Whittier Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: one listing (see enclosed list)
NR: none
LA City: none
HRI: several possible (see enclosed lists)
There are two additional built environment resources within the project area: 19-186110, 19-186111

Cultural resources investigations within the project area:
LA4440

Cultural resources investigations within a quarter-mile radius of the project area:
LA78

Los Alamitos Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: none
LA City: none
HRI: numerous possible (see enclosed lists)

Cultural resources investigations within the project area:
LA1596, LA3356, LA3707, LA4354, and OR1814

Cultural resources investigations within a quarter-mile radius of the project area:
OR1810

Newport Beach Quadrangle

Archaeological resources within the project area:
30-001515

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: none
LA City: none
HRI: several possible (see enclosed list)

Cultural resources investigations within the project area:
OR289, OR1197

Cultural resources investigations within a quarter-mile radius of the project area:
None

Tustin Quadrangle

Archaeological resources within the project area:
30-000115 and 30-000195

Archaeological resources within a quarter-mile radius of the project area:
30-000057(77), 30-000116, 30-000121, and 30-000287

There are also four archaeological isolates within a quarter-mile radius of the project area: 30-100162, 30-100164, 30-100165, and 30-100166

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: none
LA City: none
HRI: numerous possible (see enclosed lists)

Cultural resources investigations within the project area:
OR246, OR289, OR314, OR441, OR518, OR574, OR863, OR933, OR939, OR1016, OR1099, OR1708, and OR2013

Cultural resources investigations within a quarter-mile radius of the project area:
OR134, OR252, OR284, OR353, OR362, OR399, OR856, OR864, OR969, OR1068, OR1123, OR1124, OR1170, OR1189, OR1350, OR1351, OR1526,

OR1587, OR1591, OR1605, OR1656, OR1785, OR1814, OR1880, OR1883, OR1916, OR1920, OR1942, OR1943, OR1985

Burbank Quadrangle

Archaeological resources within the project area:
19-001945, 19-002394

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: one listing (see enclosed list)
PHI: none
NR: four listings (see enclosed list)
LA City: three listings (see enclosed list)
HRI: numerous possible (see enclosed lists)

Cultural resources investigations within the project area:
LA160, LA1102, LA1578, LA2301, LA2645, LA2950, LA3009, LA3153, LA3307, LA3426, LA3427, LA3477, LA3496, LA3510, LA3617, LA3996, LA4461, and LA4599

Cultural resources investigations within a quarter-mile radius of the project area:
LA433, LA1101, LA1364, LA1798, LA3725, LA3727, LA4458, and LA4598

Van Nuys Quadrangle

Archaeological resources within the project area:
There is one archaeological isolate within the project area: 19-100281

Archaeological resources within a quarter-mile radius of the project area:
There is one archaeological isolate within a quarter-mile radius of the project area: 19-100029

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: none
NR: none
LA City: three listings (see enclosed list)
HRI: numerous possible (see enclosed lists)

Cultural resources investigations within the project area:
LA930, LA949, LA1010, LA1037, LA1450, LA1578, LA2888, LA3721, LA3725, LA3763, LA3789, and LA4161

Cultural resources investigations within a quarter-mile radius of the project area:
LA1195, LA3733, LA3900, LA3902, and LA4318

Venice Quadrangle

Archaeological resources within the project area:
19-000054, 19-000356, and 19-001698

Archaeological resources within a quarter-mile radius of the project area:
19-000047

Built environment resources within a quarter-mile radius of the project area:
SHL: none
PHI: one listing (see enclosed list)
NR: one listing (see enclosed list)
LA City: two listings (see enclosed list)
HRI: numerous possible (see enclosed lists)
There is one additional built environment resource within the project area: 19-166921

Cultural resources investigations within the project area:
LA436, LA462, LA1543, LA1975, LA2445, LA2659, LA3583, LA3898, LA3912, and LA4053

Cultural resources investigations within a quarter-mile radius of the project area:
LA78, LA253, LA750, LA1173, LA2558, LA2669, LA2673, LA2950, LA3495, LA3673, and LA3911

Please forward a copy of any reports resulting from this project to our office as soon as possible. Due to the sensitive nature of site location data, we ask that you do not include record search maps in your report. If you have any questions regarding the results presented herein, please feel free to contact our office at (310) 825-1980.

Invoices are mailed approximately two weeks after records searches are completed. This enables your firm to request further information under the same invoice number. Please reference the invoice number listed below when making inquires. Requests made after invoicing will result in the preparation of a separate invoice with a $15.00 handling fee.

Sincerely,

Janette Dinishak
Information Center Staff

Enclosures:

(X) Maps
(X) Historic Maps
(X) Bibliographies
(X) Built Environment Resources Lists
(X) HRI lists
(X) Confidentiality Form
( ) Invoice #8278

South Central Coastal Information Center
California Historical Resources Information System
UCLA Institute of Archaeology
A163 Fowler Building
Los Angeles, California 90095-1510
(310) 825-1980 / FAX (310) 206-4723 / sccic@ucla.edu
www.sscnet.ucla.edu/ioa/labs/sccic.html

Los Angeles
Orange
Ventura

Ted Cooley
Mooney & Associates
9903 Businesspark Avenue
San Diego, California 92131-1120

February 14, 2000

RE: Records Search Request for the Long Beach, Laguna Beach, Los Alamitos, Newport Beach, Tustin, El Toro and Anaheim Quadrangles in Orange and Los Angeles Counties

Dear Mr. Cooley,

As per your request received on January 31, we have conducted a records search for the above referenced project. This search includes a review of all recorded historic and prehistoric archaeological sites within a quarter-mile radius of the project area as well as a review of all known cultural resource survey and excavation reports. In addition, we have checked our file of historic maps, the National Register of Historic Places, the California State Historic Resources Inventory, the California Points of Historical Interest, and the listing of California Historical Landmarks in the region. The following is a discussion of our findings.

El Toro Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
30-000602
In addition, there is one archaeological isolate within the radius: 30-100297

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: None
LA City: None
HRI: See enclosed city listings

Cultural resources investigations within the project area:
OR8, OR185 OR520, OR847, OR1413, and OR1627

Cultural resources investigations within a quarter-mile radius of the project area:

14 OR69, OR101, OR135, OR737, OR754, OR814 OR841, OR868, OR972, OR1032, OR1297, OR1507, OR1552, and OR1749

Los Alamitos Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: None
LA City: None
HRI: See enclosed city listings

4 **Cultural resources investigations within the project area:**
LA2068, LA4080, LA4354, and OR1949

Cultural resources investigations within a quarter-mile radius of the project area:
2 OR1524 and OR1669

Tustin Quadrangle (1A)

Archaeological resources within the project area:
30-000055, 30-000077, 30-000206, 30-000209, 30-000480, and 30-001339

Archaeological resources within a quarter-mile radius of the project area:
30-000054, 30-000056, 30-000092, 30-000102, 30-000116, 30-000192, 30-000207, 30-000208, 30-000214, 30-000215, 30-000216, 30-000515, 30-000574, 30-001120, 30-001158, 30-001340, 30-001341, and 30-001358

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: Four sites have been determined eligible for listing (see enclosed list)
HRI: See enclosed city listings

Cultural resources investigations within the project area:
21 OR246, OR252, OR427, OR532, OR574, OR615, OR893, OR933, OR939, OR1087, OR1097, OR1189, OR1350, OR1351, OR1605, OR1651, OR1690, OR1716, OR1717, OR1733, and OR1828

Cultural resources investigations within a quarter-mile radius of the project area:
22 OR204, OR286, OR364, OR365, OR673, OR986, OR1012, OR1120, OR1133, OR1273, OR1380, OR1476, OR1515, OR1570, OR1614, OR1653, OR1708, OR1709, OR1731, OR1883, OR1920, and OR1945

Tustin Quadrangle (1B)

Archaeological resources within the project area:
30-000373, 30-000391, and 30-000508

Archaeological resources within a quarter-mile radius of the project area:
30-000341, 30-000543

In addition, there is one archaeological isolate within the radius: 30-100021

Built environment resources within a quarter-mile radius of the project area:
SHL: One listing (see enclosed list)
PHI: None
NR: None
HRI: See enclosed city listings

Cultural resources investigations within the project area:
OR233, OR246, OR252, OR286, OR303, OR347, OR367, OR428, OR519, OR596, OR621, OR669, OR754, OR762, OR787, OR805, OR847, OR906, OR972, OR1098, OR1099, OR1143, OR1402, OR1419, OR1466, OR1577, OR1587, OR1624, and OR1734

Cultural resources investigations within a quarter-mile radius of the project area:
OR8, OR304, OR438, OR452, OR586, OR671, OR743, OR784, OR802, OR867, OR868, OR932, OR1085, OR1096, OR1164, OR1196, OR1668, OR1786, OR1788, OR1844, OR1882, OR1902, and OR1903

Tustin Quadrangle (1C)

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: None
HRI: See enclosed city listings

Cultural resources investigations within the project area:
OR864

Cultural resources investigations within a quarter-mile radius of the project area:
OR134, OR246, and OR2013

Newport Beach Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
30-000052, 30-000064, 30-000100, 30-000136, 30-000140, 30-000141, 30-000150, 30-000151, 30-000152, 30-000153, 30-000154, 30-000155, and 30-000518

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: One listing (see enclosed list)
NR: None
HRI: See enclosed city listings

6 **Cultural resources investigations within the project area:**
OR204, OR569, OR960, OR1012, OR1071, OR1087, OR1733, and OR2012

8 **Cultural resources investigations within a quarter-mile radius of the project area:**
OR46, OR638, OR677, OR1189, OR1234, OR1706, OR1762, and OR1834

Long Beach Quadrangle

Archaeological resources within the project area:
19-000694

Archaeological resources within a quarter-mile radius of the project area:
19-000695, 19-000698, 19-000699, and 19-002660

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: Two listings (see enclosed list)
HRI: See enclosed city listings
There are also eleven additional built environment resources mapped within a quarter-mile radius of the project area: 19-150346, 19-150347, 19-150349, 19-150351, 19-150352, 19-150353, 19-150354, 19-150355, 19-150356, 19-150360, and 19-150394

Cultural resources investigations within the project area:
5 LA83, LA358, LA503, LA3102, and LA4629

Cultural resources investigations within a quarter-mile radius of the project area:
7 LA359, LA503, LA2900, LA4101, LA4130, LA4354, and LA4356

Anaheim Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
None

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: None
NR: None
HRI: See enclosed city listings

Cultural resources investigations within the project area:
4 OR801, OR1639, OR1949, and OR1954

Cultural resources investigations within a quarter-mile radius of the project area:
3 OR572, OR1836, and OR2010

Laguna Beach Quadrangle

Archaeological resources within the project area:
None

Archaeological resources within a quarter-mile radius of the project area:
30-000137, 30-000138, 30-000139, 30-000167, 30-000176, 30-000199, 30-000200, 30-000201, 30-000204, 30-000205, 30-000485, 30-001117, and 30-001461

Built environment resources within a quarter-mile radius of the project area:
SHL: None
PHI: One listing (see enclosed list)
NR: None
HRI: See enclosed city listings
There is one additional built environment resource within a quarter-mile radius of the project area: 30-176485

Cultural resources investigations within the project area:
9 OR335, OR337, OR568, OR606, OR893, OR1120, OR1189, OR1370, and OR1908

Cultural resources investigations within a quarter-mile radius of the project area:
2 OR756 and OR1531

Please forward a copy of any reports resulting from this project to our office as soon as possible. Due to the sensitive nature of site location data, we ask that you do not include record search maps in your report. If you have any questions regarding the results presented herein, please feel free to contact our office at (310) 825-1980.

Invoices are mailed approximately two weeks after records searches are completed. This enables your firm to request further information under the same invoice number. Please reference the invoice number listed below when making inquires. Requests made

after invoicing will result in the preparation of a separate invoice with a $15.00 handling fee.

Sincerely,

Janette Dinishak

Janette Dinishak
Information Center Staff

Enclosures:

(X) Maps
(X) Historic Maps
(X) Bibliographies
(X) Site lists
(X) Report lists
(X) HRI (city listings)
(X) Site records
( ) Survey reports
(X) Confidentiality Form
( ) Invoice # 8355

APPENDIX C

Native American Contact Letters

METROMEDIA
FIBER NETWORK

October 21, 1999

Ms. Gail McNulty
915 Capital Mall
North American Heritage Council
Room, 364
Sacramento, CA 98514

Subject: Metromedia Fiber Network
Fiber Optic Cable Network Installation
Planned Areas of Excavation

Dear Ms McNulty:

Enclosed is a copy of the 7.5-minute USGS Topo map highlighting the running line for the planned areas of excavation on our fiber optic cable network installation. Also enclosed is a listing of each Range and Township, Section that we will encounter. The list follows the routes as shown on the USGS map. In some cases the coordinates listed in the table are repeated as they carry over to a different named USGS map.

If you require further information or have any questions, please call me at (972) 235-7682.

Sincerely,

FOR

Bill Biggs
Director of Operations

Enclosures

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MEN Route/Segment	Township	Range	Section	USGS Map
aheim - Los Angeles	T.5S	R10W	1	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	36	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	26	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	27	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	28	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	21	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	16	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	9	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	8	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	7	Anaheim, CA
Anaheim - Los Angeles	T.4S	R10W	6	Anaheim, CA
Anaheim - Los Angeles	T.4S	R11W	1	Anaheim, CA
Anaheim - Los Angeles	T.3S	R11W	36	Anaheim, CA
Anaheim - Los Angeles	T.3S	R11W	35	Anaheim, CA
Anaheim - Los Angeles	T.3S	R11W	35	Los Alamitos, CA
Anaheim - Los Angeles	T.3S	R11W	27	Whittier, CA
Anaheim - Los Angeles	T.3S	R11W	28	Whittier, CA
Anaheim - Los Angeles	T.3S	R11W	21	Whittier, CA
Anaheim - Los Angeles	T.3S	R11W	20	Whittier, CA
Anaheim - Los Angeles	T.3S	R11W	18	Whittier, CA
Anaheim - Los Angeles	T.3S	R12W	13	Whittier, CA
aheim - Los Angeles	T.3S	R12W	12	Whittier, CA
Anaheim - Los Angeles	T.3S	R12W	11	Whittier, CA
Anaheim - Los Angeles	T.3S	R12W	3	Whittier, CA
Anaheim - Los Angeles	T.3S	R12W	3	South Gate, CA
Anaheim - Los Angeles	T.3S	R12W	4	South Gate, CA
Anaheim - Los Angeles	T.2S	R12W	33	South Gate, CA
Anaheim - Los Angeles	T.2S	R12W	32	South Gate, CA
Anaheim - Los Angeles	T.2S	R12W	31	South Gate, CA
Anaheim - Los Angeles	T.2S	R12W	30	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	25	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	26	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	23	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	22	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	15	South Gate, CA
Anaheim - Los Angeles	T.2S	R13W	15	Los Angeles, CA
Anaheim - Los Angeles	T.2S	R13W	10	Los Angeles, CA
Anaheim - Los Angeles	T.2S	R13W	3	Los Angeles, CA
LA Downtown Local	T.1S	R13W	28	Los Angeles, CA
LA Downtown Local	T.1S	R13W	21	Los Angeles, CA
Glendale Local	T.1N	R13W	21	Pasadena, CA
Glendale Local	T.1N	R13W	28	Pasadena, CA
endale Local	T.1N	R13W	20	Burbank, CA

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MFN Route/Segment	Township	Range	Section	USGS Map
Glendale Local	T.1N	R13W	21	Burbank, CA
Glendale Local	T.1N	R13W	28	Burbank, CA
Glendale Local	T.1N	R13W	29	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	12	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	11	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	10	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	4	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	9	Burbank, CA
Santa Monica-Burbank	T.1N	R14W	8	Burbank, CA
Burbank Local Loop	T.1N	R14W	17	Burbank, CA
Burbank Local Loop	T.1N	R14W	20	Burbank, CA
Burbank Local Loop	T.1N	R14W	29	Burbank, CA
Burbank Local Loop	T.1N	R14W	33	Burbank, CA
Burbank Local Loop	T.1N	R14W	18	Van Nuys, CA
Burbank Local Loop	T.1N	R14W	7	Van Nuys, CA
Santa Monica-Burbank	T.1N	R14W	7	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	12	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	1	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	2	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	3	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	4	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	5	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	8	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	17	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	20	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	29	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	32	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	33	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	34	Van Nuys, CA
Santa Monica-Burbank	T.1N	R15W	34	Beverly Hills, CA
Santa Monica-Burbank	T.1S	R15W	3	Beverly Hills, CA
Santa Monica-Burbank	T.1S	R15W	10	Beverly Hills, CA
Santa Monica-Burbank	T.1S	R15W	15	Beverly Hills, CA
Santa Monica-Burbank	T.1S	R15W	22	Beverly Hills, CA
Santa Monica-Burbank	T.1S	R15W	23	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	24	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	27	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	28	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	32	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	33	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	34	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	35	Beverly Hills, CA
Highland-Santa Monica	T.1S	R15W	26	Beverly Hills, CA

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MFN Route/Segment	Township	Range	Section	USGS Map
hland-Santa Monica	T.1S	R15W	25	Beverly Hills, CA
LA-CBD-Highland	T.1S	R14W	18	Beverly Hills, CA
LA-CBD-Highland	T.1S	R14W	19	Beverly Hills, CA
South Trunk 1	T.2S	R15W	2	Beverly Hills, CA
South Trunk 1	T.2S	R15W	3	Beverly Hills, CA
South Trunk 1	T.2S	R15W	11	Beverly Hills, CA
South Trunk 1	T.2S	R15W	13	Beverly Hills, CA
South Trunk 1	T.2S	R15W	14	Beverly Hills, CA
Santa Monica-Local	T.2S	R15W	4	Beverly Hills, CA
Santa Monica-Local	T.2S	R15W	5	Beverly Hills, CA
Santa Monica-Local	T.2S	R15W	6	Beverly Hills, CA
Santa Monica-Local	T.2S	R15W	7	Beverly Hills, CA
Marina del Rey-Local	T.2S	R15W	13	Venice, CA
Marina del Rey-Local	T.2S	R15W	14	Venice, CA
Marina del Rey-Local	T.2S	R15W	22	Venice, CA
Marina del Rey-Local	T.2S	R15W	23	Venice, CA
South Trunk 1	T.2S	R15W	24	Venice, CA
South Trunk 1	T.2S	R14W	19	Venice, CA
South Trunk 1	T.2S	R14W	30	Venice, CA
South Trunk 1	T.2S	R14W	31	Venice, CA
South Trunk 1	T.2S	R14W	32	Venice, CA
uth Trunk 1	T.3S	R14W	5	Venice, CA
South Trunk 1	T.3S	R14W	6	Venice, CA
South Trunk 1	T.3S	R14W	7	Venice, CA
South Trunk 1	T.3S	R14W	18	Venice, CA
South Trunk 1	T.3S	R14W	19	Venice, CA
South Trunk 1	T.3S	R14W	20	Venice, CA
South Trunk 2	T.3S	R14W	20	Inglewood, CA
South Trunk 2	T.3S	R14W	29	Inglewood, CA
South Trunk 2	T.3S	R14W	28	Inglewood, CA
South Trunk 2	T.3S	R14W	27	Inglewood, CA
South Trunk 2	T.3S	R14W	26	Inglewood, CA
South Trunk 2	T.3S	R14W	25	Inglewood, CA
South Trunk 2	T.3S	R13W	30	Inglewood, CA
South Trunk 1	T.3S	R13W	30	Torrance, CA
South Trunk 1	T.3S	R13W	31	Torrance, CA
South Trunk 1	T.4S	R13W	6	Torrance, CA
South Trunk 1	T.4S	R13W	7	Torrance, CA
South Trunk 1	T.4S	R13W	8	Torrance, CA
South Trunk 1	T.4S	R13W	9	Torrance, CA
South Trunk 1	T.4S	R13W	9	Long Beach, CA
South Trunk 1	T.4S	R13W	10	Long Beach, CA
uth Trunk 1	T.4S	R13W	11	Long Beach, CA

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MEN Route/Segment	Township	Range	Section	USGS Map
South Trunk 1	T.4S	R13W	14	Long Beach, CA
South Trunk 3	T.4S	R13W	23	Long Beach, CA
South Trunk 3	T.4S	R13W	24	Long Beach, CA
South Trunk 3	T.4S	R13W	25	Long Beach, CA
South Trunk 3	T.4S	R13W	36	Long Beach, CA
South Trunk 3	T.5S	R13W	1	Long Beach, CA
South Trunk 3	T.5S	R12W	6	Long Beach, CA
South Trunk 3	T.5S	R12W	5	Long Beach, CA
South Trunk 3	T.4S	R12W	32	Long Beach, CA
South Trunk 3	T.4S	R12W	33	Long Beach, CA
South Trunk 3	T.4S	R12W	28	Long Beach, CA
South Trunk 3	T.4S	R12W	27	Long Beach, CA
South Trunk 3	T.4S	R12W	22	Long Beach, CA
South Trunk 3	T.4S	R12W	15	Long Beach, CA
South Trunk 3	T.4S	R12W	10	Long Beach, CA
South Trunk 3	T.4S	R12W	10	Los Alamitos, CA
South Trunk 3	T.4S	R12W	11	Los Alamitos, CA
South Trunk 3	T.4S	R12W	14	Los Alamitos, CA
South Trunk 3	T.4S	R12W	23	Los Alamitos, CA
South Trunk 4	T.4S	R12W	24	Los Alamitos, CA
South Trunk 4	T.4S	R11W	19	Los Alamitos, CA
South Trunk 4	T.4S	R11W	20	Los Alamitos, CA
South Trunk 4	T.4S	R11W	21	Los Alamitos, CA
South Trunk 4	T.4S	R11W	22	Los Alamitos, CA
South Trunk 4	T.4S	R11W	23	Los Alamitos, CA
South Trunk 4	T.4S	R11W	26	Los Alamitos, CA
South Trunk 4	T.4S	R11W	35	Los Alamitos, CA
South Trunk 4	T.5S	R11W	2	Los Alamitos, CA
South Trunk 4	T.5S	R11W	3	Los Alamitos, CA
South Trunk 4	T.5S	R11W	10	Los Alamitos, CA
South Trunk 4	T.5S	R11W	11	Los Alamitos, CA
South Trunk 4	T.5S	R11W	11	Anaheim, CA
South Trunk 4	T.5S	R11W	11	Newport Beach, CA
South Trunk 4	T.5S	R11W	12	Newport Beach, CA
South Trunk 4	T.5S	R10W	7	Newport Beach, CA
South Trunk 4	T.5S	R10W	8	Newport Beach, CA
South Trunk 4	T.5S	R10W	9	Newport Beach, CA
South Trunk 4	T.5S	R10W	10	Newport Beach, CA
South Trunk 4	T.5S	R10W	15	Newport Beach, CA
South Trunk 4	T.5S	R10W	22	Newport Beach, CA
South Trunk 4	T.5S	R10W	27	Newport Beach, CA
South Trunk 4	T.5S	R10W	26	Newport Beach, CA
South Trunk 4	T.5S	R10W	25	Newport Beach, CA

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MFN Route/Segment	Township	Range	Section	USGS Map
ne Loop	T.5S	R10W	36	Newport Beach, CA
Irvine Loop	T.5S	R10W	36	Tustin, CA
Irvine Loop	T.5S	R9W	31	Tustin, CA
Irvine Loop	T.5S	R9W	32	Tustin, CA
Irvine Loop	T.5S	R9W	33	Tustin, CA
South Trunk 5	T.5S	R9W	29	Tustin, CA
South Trunk 5	T.5S	R9W	21	Tustin, CA
South Trunk 5	T.5S	R9W	20	Tustin, CA
South Trunk 5	T.5S	R9W	17	Tustin, CA
South Trunk 5	T.5S	R9W	7	Tustin, CA
Irvine Local Loop	T.6S	R9W	4	Tustin, CA
Irvine Local Loop	T.6S	R9W	5	Tustin, CA
Irvine Local Loop	T.6S	R9W	6	Tustin, CA
Irvine Local Loop	T.6S	R9W	7	Tustin, CA
Irvine Local Loop	T.6S	R9W	8	Tustin, CA
Irvine Local Loop	T.6S	R9W	18	Tustin, CA
South Trunk 5	T.5S	R9W	7	Orange, CA
South Trunk 5	T.5S	R10W	12	Orange, CA
South Trunk 5	T.5S	R10W	12	Anaheim, CA
South Trunk 5	T.5S	R10W	1	Anaheim, CA
South Trunk 5	T.5S	R10W	2	Anaheim, CA
uth Trunk 5	T.4S	R10W	35	Anaheim, CA
South Trunk 5	T.4S	R10W	36	Anaheim, CA
South Trunk 5	T.4S	R10W	26	Anaheim, CA
South Trunk 5	T.4S	R10W	27	Anaheim, CA
South Trunk 5	T.4S	R10W	28	Anaheim, CA
South Trunk 5	T.4S	R10W	21	Anaheim, CA
South Trunk 5	T.4S	R10W	16	Anaheim, CA
LA Downtown Loop	T.1S	R13W	33	Hollywood, CA
LA Downtown Loop	T.1S	R13W	32	Hollywood, CA
LA Downtown Loop	T.1S	R13W	29	Hollywood, CA
LA Downtown Loop	T.1S	R13W	28	Hollywood, CA
LA Downtown Loop	T.1S	R13W	21	Hollywood, CA
Hollywood Local	T.1S	R13W	20	Hollywood, CA
Hollywood Local	T.1S	R13W	17	Hollywood, CA
Hollywood Local	T.1S	R13W	18	Hollywood, CA
Hollywood Local	T.1S	R13W	7	Hollywood, CA
Hollywood Local	T.1S	R13W	6	Hollywood, CA
Hollywood Local	T.1S	R14W	12	Hollywood, CA
Hollywood Local	T.1S	R14W	11	Hollywood, CA
Hollywood Local	T.1S	R14W	14	Hollywood, CA
Hollywood Local	T.1S	R14W	10	Hollywood, CA
ollywood Local	T.1S	R14W	9	Hollywood, CA

USGS MAP
TOWNSHIPS, RANGES AND SECTIONS

MFN Route/Segment	Township	Range	Section	USGS Map
Hollywood Local	T.1S	R14W	8	Hollywood, CA
Hollywood Local	T.1S	R14W	17	Hollywood, CA
LA-CBD-Highland	T.1S	R14W	20	Hollywood, CA
LA-CBD-Highland	T.1S	R14W	21	Hollywood, CA
LA-CBD-Highland	T.1S	R14W	22	Hollywood, CA

Mooney & Associates
COMMUNITY PLANNING & ENVIRONMENTAL STUDIES

March 10, 2000

Gail McNulty
Associate Program Analyst
California Native American Heritage Commission
915 Capitol Mall
Room 364
Sacramento, California 95814

Re: Metromedia Fiber Optic Project: San Francisco Bay Area Network and Los Angeles Basin Network

Dear Ms. McNulty:

This letter is a follow up to February 4, 2000 meeting regarding the Native American consultation process for the Metromedia fiber optic project in the San Francisco Bay area the Los Angeles Basin area. As I mentioned at that meeting Mooney & Associates is under contract with ESA to perform cultural resources inventories for the project areas and to prepare environmental documents for review by the CPUC.

As initial points of contact, I have been in contact with Andrew Galvan for portions of the San Francisco Bay area study area and with Sam Dunlap for the Los Angeles area. The NAHC meeting held with the CPUC representatives on the evening of February 4, 2000 was most helpful and I had an opportunity to speak with several Ohlone people regarding the MetroMedia project and will be contacting them in the near future.

At this time I would like to request a review of your Sacred Lands files for the areas specified on the enclosed tables and to provide me with a list of other Native Americans that either have a patrimonial interest in the study areas or whom you believe should be contacted. When I receive the requested information, I will make the appropriate contacts and continue the consultation process.

Best regards,

Richard L. Carrico

Richard L. Carrico
Project Resource Manager

enc: Table of Sites Under Review

9903 Businesspark Avenue
San Diego, California 92131-1120
www.bfma.com
(858) 578-8964 FAX (858) 578-0573

Metromedia FOCLA Locations by USGS 7.5' Quadrangle

Quadrangle	Township	Range	Sections
Tustin	6 South	9 West	1, 2, 3, 4, 5, 6, 7, 11, 12, 18, 19
	6 South	8 West	7, 18
	6 South	10 West	24
	5 South	10 West	36
	5 South	9 West	31, 32, 33, 34, 35
Newport Beach	5 South	10 West	10, 15, 22, 26, 27, 25, 35, 36
	6 South	10 West	24, 25
Beverly Hills	1 North	15 West	34
	1 South	15 West	3, 10, 14, 15, 22, 23, 24, 25, 26, 27, 28, 32, 33, 34, 35, 36,
	2 South	15 West	4, 5, 6, 7
	1 South	14 West	18, 19
Long Beach	5 South	12 West	5, 6
	5 South	13 West	1
	4 South	13 West	11, 14, 26, 24, 25, 36
	4 South	12 West	15, 22, 27, 28, 32, 33
Venice	2 South	14 West	31
	3 South	14 West	6, 7, 8
	3 South	15 West	1, 12
	2 South	15 West	14, 22, 23
Hollywood	1 South	13 West	6, 7, 17, 18, 20, 28, 29
	1 South	14 West	1, 8, 9, 10, 11, 12, 14, 15, 16, 17

Quadrangle	Township	Range	Sections
Inglewood	2 South	13 West	19,20,21,28, 29, 30
	2 South	14 West	22, 23, 24, 25, 26, 27, 28, 33
	3 South	14 West	4, 8, 9, 16, 17
Laguna Beach	6 South	9 West	30, 31
	6 South	10 West	25, 36
El Toro	6 South	8 West	7, 8, 9, 15, 16, 17, 18, 21, 22, 28
Anaheim	5 South	10 West	2, 3, 4, 5, 6, 7, 8, 9, 10, 11
	5 South	11 West	1, 2, 11, 12
Los Alamitos	5 South	11 West	2, 3, 10, 11
	4 South	11 West	2, 3, 10, 11, 14, 15, 19, 20, 21, 22, 23, 26, 27, 34, 35
	3 South	12 West	34, 37
	4 South	12 West	3, 10, 11, 12, 14, 23, 24
Pasadena	1 North	13 West	21, 28
South Gate	2 South	13 West	21, 22
Whittier	3 South	12 West	10, 15, 22, 27, 34
Van Nuys	1 North	15 West	1, 2, 3, 4, 9, 12, 16, 20, 21, 28, 29, 33, 34
	1 North	14 West	7, 8, 17, 18
Burbank	1 North	13 West	20, 21,28, 29
	1 North	14 West	3, 4, 8, 9, 10, 11, 12, 17, 28, 29, 33

Metromedia FOCBA Fiber Optic by USGS 7.5' Quadrangle

Quadrangle	Township	Range	Sections
Oakland West	1 South	4 West	1, 2, 3, 10, 13, 14, 21, 23, 25, 26, 27, 28, 34, 35, 36
Oakland East	2 South	4 West	2, 3
San Leandro	3 South	2 West	6
	3 South	3 West	1
	2 South	3 West	15, 16, 21, 22, 23, 26, 27, 35, 36
Hayward	3 South	2 West	6, 7, 8, 9, 15, 16, 17, 21, 22, 26, 27, 29, 35
Newark	4 South	2 West	1, 2, 12
	4 South	1 West	17, 18, 19, 20
Niles	4 South	1 West	17, 20, 21, 22, 27, 34
	5 South	1 West	2, 3, 11, 13, 14
Calaveras	6 South	1 East	28
Milpitas	5 South	1 West	13, 14, 24, 25, 36
	5 South	1 East	31
	6 South	1 East	17, 20, 29
San Jose East	6 South	1 East	33
	7 South	1 East	4, 9, 15, 16, 21
San Francisco North	1 South	6 West	10, 11, 12, 13, 14, 15, 22, 23
San Francisco South	2 South	6 West	10,11 14, 15, 22, 23, 26, 27, 34
	3 South	6 West	3, 10, 11, 14, 15, 22, 27, 28, 33, 34

Quadrangle	Township	Range	Sections
Montara Mountain	4 South	5 West	3, 4, 10, 11
San Mateo	4 South	5 West	11, 12, 13, 14
	4 South	4 West	18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 33, 34, 35
	5 South	4 West	2, 3, 11, 12, 13
Woodside	5 South	4 West	13
Redwood Point	5 South	4 West	13
Palo Alto	5 South	4 West	13, 24
	5 South	3 West	18, 19, 20, 28, 29, 33, 34, 35
	6 South	3 West	1, 2, 11, 12
	6 South	2 West	7
Mountain View	6 South	2 West	7,16,17,18,20,21, 22, 23, 25, 26
	6 South	1 West	30
Cupertino	6 South	1 West	31, 32
San Jose West	6 South	1 West	32, 33, 34, 35
	7 South	1 West	1, 2, 3, 12
	7 South	1 East	6, 7, 17, 18, 19, 20, 29
Dublin	2 South	1 West	35
Diablo	1 South	1 West	32
	2 South	1 West	15
Walnut Creek	1 North	2 West	27, 34
Richmond	1 North	4 West	7, 18
San Quentin	1 North	6 West	2, 11, 12
San Rafael	1 North	6 West	16, 11, 23

APPENDIX D

Archaeological Site and Isolate Forms

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-43-002654	CA-SCL-000945H	Other - Western Pacific Railroad San Jose Branch - Warm Springs Yard to Santa Clara Street; Other - BC-T1; Union Pacific RR Trestle at Berryessa Creek; Other - Map Reference #01-07; Resource Name - Western Pacific Railroad	Structure, Site	Historic	AH07; HP11; HP19	2002 (C. McMorris, A. Blosser, JRP); 2013 (Jerry Fuentes, US Army Corps of Engineers); 2014 (Dean M. Duryea Jr., Satistical Research, Inc)	S-038390, S-057394
P-43-003493	CA-	Resource Name - 512 Capitol Ave.; OHP Property Number - 072041; OHP PRN - UMTA891122A; OHP PRN - DOE-43-91-0002-0000	Building	Historic	HP02	1991 (Mark Brack, Archaeological/Historical Consultants)	S-012294
P-43-003900	CA-	Resource Name - Map Reference # ADD10-01; Other - Lucky 7 Supermarket; Other - Northwood Park Shopping Center; Other - Northwood Plaza	Building	Historic	HP06	2006 (Cynthia Toffelmier, Mark A. Beason, JRP Historical Consulting, LLC)	S-049626
P-43-003901		Resource Name - Map Reference # ADD10-02; Other - Arco AM/PM Gas Station; Other - Arco; Other - AM/PM	Building	Historic	HP06	2006 (Kathleen Kennedy, JRP Historical Consultants, LLC)	S-049626

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-43-003901
HRI #
Trinomial
NRHP Status Code 6Z
Other Listings
Review Code Reviewer Date

 ***Resource Name or #** (Assigned by recorder) Map Reference # ADD10-02

P1. Other Identifier: Arco AM/PM Gas Station

***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted** ***a. County** Santa Clara
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Milpitas **Date** 1961, photorevised 1980 **T**___; **R** ___; __ ¼ **of Sec** ___; _____ **B.M.**

c. Address 2104 North Capital Avenue City San Jose Zip 95132

d. UTM: (give more than one for large and/or linear resources) Zone _____; _____mE/ _____mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
Assessor Parcel Number: 092-06-030

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The Arco AM/PM gas station and convenience store located at 2104 North Capital Avenue sits on a 0.59-acre parcel in a commercial area at the border of the cities of San Jose and Milpitas. The service station consists of a wood frame building on a concrete foundation with a rectangular footprint and a canopy sheltering eight fuel-pumping stations. The building is topped with a low pitch side gable roof with a decorative hipped roof monitor at the center of the ridge and is sheathed in vertical grove paneling. It features metal-framed plate glass windows and a metal frame glass door. The front gable canopy projects from the center of the roof of the building, just below the monitor and rests on four square columns.

***P3b. Resource Attributes:** (List attributes and codes) (HP6) 1-3 story commercial building
***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #)
Photograph 1, camera facing east, September 12, 2006

***P6. Date Constructed/Age and Sources:**
☒ Historic ☐ Prehistoric ☐ Both
1966, building permit

***P7. Owner and Address:**
BP West Coast Products LLC
PO Box 512485
Los Angeles, CA 90051

***P8. Recorded by:** (Name, affiliation, address)
Kathleen Kennedy
JRP Historical Consulting, LLC
1490 Drew Ave, Suite 110
Davis, CA 95618

***P9. Date Recorded:** September 12, 2006

***P10. Survey Type:** (Describe) Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") JRP Historical Consulting LLC, "Technical Memorandum: Historical Resources Inventory and Evaluation Report for Silicon Valley Rapid Transit Corridor EIS," June 2008.

***Attachments:** ☐ NONE ☐ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

*NRHP Status Code 6Z

*Resource Name or # (Assigned by recorder) Map Reference # ADD10-02

B1. Historic Name: Arco

B2. Common Name: AM/PM

B3. Original Use: service station B4. Present Use: service station/convenience store

*B5. Architectural Style: Utilitarian

*B6. Construction History: (Construction date, alteration, and date of alterations) Built 1966; station building altered to house convenience store 1979; addition to convenience store 1983; "pay quick island cashier" installed 1998.

*B7. Moved? ☒ No ☐ Yes ☐ Unknown Date: Original Location:

*B8. Related Features:

B9. Architect: unknown b. Builder: unknown

*B10. Significance: Theme n/a Area n/a

Period of Significance n/a Property Type n/a Applicable Criteria n/a

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

The service station at 2104 North Capital Avenue does not appear to be eligible for listing in the National Register of Historic Places, nor does it appear to be a historical resource for the purposes of CEQA because it does not have historical significance. The service station does not have significant associations with commercial or transportation development at local, state or national levels (Criteria A or 1), nor is the building associated with any historically significant people (Criteria B or 2). The building does not embody distinctive architectural characteristics of period, type, or method of construction (Criteria C or 3), nor is it the work of a master. In rare instances, buildings themselves can serve as sources of important information about historic construction materials or technologies (Criteria D or 4); however, the building does not appear to be a principal source of important information in this regard. In addition to a lack of historic significance, the building lacks integrity to 1966, its original date of construction and possible period of significance. This property has been evaluated in accordance with Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code, and is not a historical resource for the purposes of CEQA. (See Continuation Sheet)

B11. Additional Resource Attributes: (List attributes and codes)

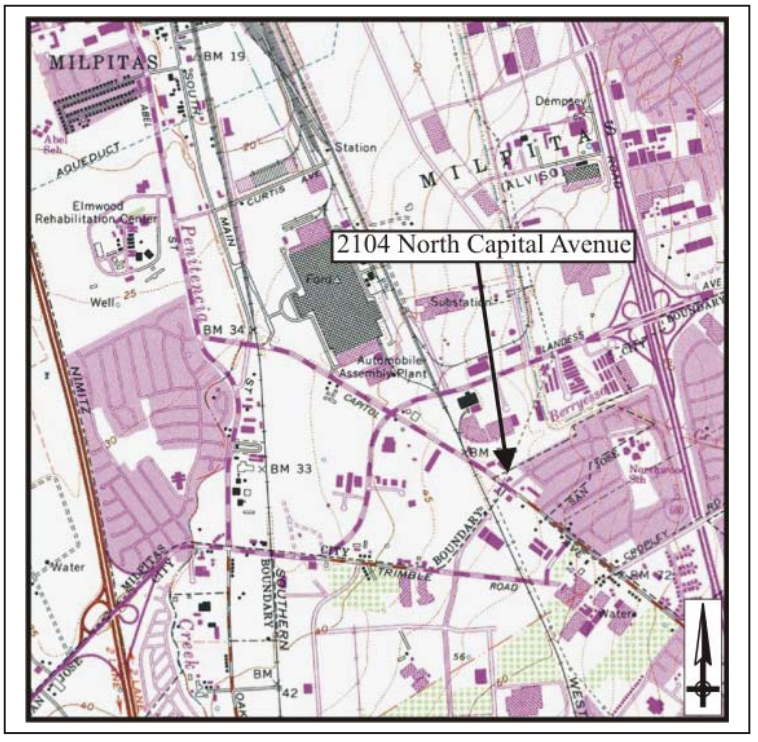
*B12. References: City directories (various years); San Jose building permits; USGS Quadrangles, Milpitas (1961-1980); BP Global, "History of Arco/ampm" (as of 2006); see footnotes.

B13. Remarks:

*B14. Evaluator: Kathleen Kennedy

*Date of Evaluation: October 2006

(This space reserved for official comments.)



B10. Significance (continued):

Historic Context

This Arco AM/PM service station was constructed as part of the industrial and commercial development that occurred in the outskirts of San Jose during the 1950s and 1960s. Open agricultural land was still common in much of the Santa Clara Valley in 1950, however, San Jose approved 1,400 annexations between 1950 and 1970, and expanded the area of the city from seventeen to almost 140 square miles. Immigrants drawn to wartime industries, followed by returning veterans and their families, and the San Jose annexations resulted in equally dramatic population growth within the city – from around 95,000 at the end of the war to almost 446,000 in 1970. Some unincorporated areas, like Milpitas, formed local support for incorporation to fend off the aggressive annexations.[1]

The first Richfield station opened in Los Angeles in 1917 under the Eagle trademark, near the company's oil fields in Southern California. Richfield went on to establish stations throughout California and elsewhere along the west coast. The company merged with Atlantic in 1966, creating the Atlantic Richfield Company (ARCO). Atlantic had begun as Atlantic Petroleum Storage Company in 1866 and was a major producer of aviation fuel for the Allies during World War II. The new ARCO introduced the Arco Spark trademark in 1966 and continued to grow in the oil refinery and service station industries throughout the 1970s. ARCO introduced the AM/PM convenience store franchise in 1979. The company constructed this station in 1966 to serve San Jose and Milpitas in an area that has light industrial, commercial, and residential development along North Capital Avenue. The property has continuously been operated as an ARCO station since then. The addition of an AM/PM convenience store to the station in 1979 reflected the demand of growing residential development and was consistent with the company's expansion of services. The store was expanded in 1983 with a $60,000 300 square foot addition and the service station has also been updated with modern pumps and a canopy over the filling stations.[2]

Evaluation

The service station does not have specific or direct important associations with the development of service stations or the City of San Jose, nor is it significant in local, state or national history (Criterion A or 1). While the station is generally associated with development of northern San Jose, it is a typical gasoline station that did not play a individually important role in the growth of the franchise. Under Criteria B or 2, the building is not associated with any historically significant people. This building is not a significant example of a type, period, or method of construction under Criteria C or 3. In fact, it is an unremarkable example of the many service stations located throughout San Jose and is not significant architecturally. Furthermore, the utilitarian service station and convenience store building has been altered with an addition, as well as new canopy and pumps and generally lacks integrity to its original construction.

[1] Philip Parsons and Chester McCorkle, *A Statistical Picture of California's Agriculture*, California Agriculture Experiment Station, Circular 456 (Berkeley, CA: Division of Agricultural Science, University of California: 1969), 59-61; and Glenna Matthews, "The Los Angeles of the North," *Journal of Urban History* 25, no. 4 (May 1999), 459-461.

[2] BP Global, "History of Arco/ampm" available online at www.bp.com/sectiongenericarticle.do?categoryId=2010127&contentId=2014417 accessed October 20, 2006; City of San Jose, "Application for Building Permit, Permit no. 50502F" (June 27, 1966); City of San Jose, " Application for Building Permit, Permit no. 17039F" (May 29, 1979); City of San Jose, "Application for Building Permit, Permit no. 4065VRJS" (November 3, 1983).

C - 1414

MILPITAS
Santa Clara County

Reported by: Miley P. Holman
Date: July 28,1981
Study #: S-8576

Earlier reported evidence of a possible aboriginal village site by Warburton in 1973. Later survey of the area revealed no undisturbed evidence of archaeological material. A neat rectangular pile of midden located in the southern portion of parcel B-2 indicates the material was moved from somewhere else to this location.
See also: "C"-168 and "C"-447.
UTM: 597660E/4140060N
598400E/4140120N
598580E/4139180N
598000E/4139000N

ldj 6/24/96