

Chapter 5 **List of Preparers**

5.1 Caltrans

This document was prepared by the following Caltrans Oversight staff:

- Larissa Clarke, Environmental Scientist (Natural Sciences). M.S., Marine Resource Management, Oregon State University; B.S., Environmental and Natural Resources, Clemson University; 9 years of experience in watershed conservation and restoration, ecology, and environmental planning. Contribution: oversight of Natural Environment Study and Jurisdictional Delineation.
- Kaya Wiggins, Environmental Scientist (Archaeology) M.A. in Applied Anthropology, California Polytechnic State University, Humboldt; B.S. Anthropology and Geography, California Polytechnic State University, San Luis Obispo; 10 years' experience doing archaeology in California. Contribution: oversight of Archaeology study.
- Meg Perry, Environmental Scientist (Natural Sciences). B.S. Soil Science, California Polytechnic State University, San Luis Obispo; 17 years of experience in California biology and habitat studies, emphasizing botany, wetland science, permitting, and environmental compliance. Contribution: oversight of the Natural Environment Study and Jurisdictional Delineation.
- Morgan Robertson, Senior Environmental Scientist (Natural Sciences). M.S., Wildlife Biology, University of Alaska, Fairbanks; B.S., Biology, University of California, Davis; more than 20 years of biology experience. Contribution: oversight of the Natural Environment Study and Jurisdictional Delineation.
- Pete Riegelhuth, Certified Professional in Erosion and Sediment Control Number 5336, National Pollutant Discharge Elimination System/Stormwater Coordinator, Landscape Associate. B.S. Landscape Architecture, California Polytechnic State University, San Luis Obispo; 5 years of experience as District Construction Stormwater Coordinator and 17 years as National Pollutant Discharge Elimination System/Stormwater Coordinator. Contribution: oversight of Stormwater Data Report and Water Quality Report.
- Daniel Leckie, Environmental Scientist (Architectural History). M.S., Historic Preservation, The University of Vermont; B.A., American History and Sociology, State University of New York at Stony Brook; over 8 years of experience in the fields of Architectural History and Historic Preservation Planning. Contribution: oversight of architectural history studies.
- Rajvi Koradia, Environmental Engineer. M.S., Civil and Environmental Engineering, San Jose State University; B.S., Environmental Engineering,

L.D. College of Engineering, Ahmedabad, India; 4 years of environmental engineering experience. Contribution: oversight of water quality, air quality, and energy studies.

- Karl Mikel, Senior Environmental Engineer. M.S., Civil and Environmental Engineering, California Polytechnic University, San Luis Obispo; B.S., Environmental Engineering; California Polytechnic University, San Luis Obispo; 14 years of experience in environmental engineering. Contribution: oversight of water quality study.
- Shelly Donohue, Engineering Geologist. M.S., Earth and Environmental Sciences, Vanderbilt University; B.S., Biology, B.S. Earth Sciences, University of Washington; 10 years of experience in geology, paleontology, and environmental planning. Contribution: oversight of paleontology study.
- Kristen Langager, Professional Landscape Architect CA 6427, Associate Landscape Architect. Bachelor of Science, Landscape Architecture, California Polytechnic State University, San Luis Obispo; 16 years of experience in the field of Landscape Architecture. Contribution: project Visual Impact Assessment oversight.
- Isaac Leyva, Professional Geologist CA 9842. Engineering Geologist. Bachelor of Science, Geology, California State University, Bakersfield; 34 years of experience in the fields of petroleum geology, environmental geology, and geotechnical engineering. Contribution: Hazardous Waste and Water Quality Assessment project oversight.
- Lara Bertaina, Senior Environmental Scientist. B.A., Environmental Studies and Planning, Sonoma State University; 3 years of urban planning and 23 years of environmental planning experience. Contribution: environmental coordination oversight and oversight of preparation of the Draft Environmental Impact Report/Environmental Assessment.
- Julia Mousavi, Environmental Scientist. B.S., Environmental Management and Protection, California Polytechnic State University, San Luis Obispo; 5 years of environmental planning experience. Contribution: oversight of technical studies and environmental document.
- Jane Sellers, Associate Environmental Planner. B.A., Journalism, California State University, Fresno; 20 years of environmental compliance experience, focusing on QA/QC and reviewing and editing NEPA and CEQA environmental documents, including Caltrans Web Accessibility for All requirements. Contribution: technical review of the environmental document.
- Claudia Espino, Senior Transportation Engineer, B.S., Civil Engineering, California State University Fresno, 32 years of experience in Transportation Design. Contribution: design oversight.
- Sarah Sandstrom, Environmental Scientist (Natural Sciences). M.S., Aquatic and Fisheries Sciences, University of Washington, Seattle,

- Washington; B.S., Biology, Duke University, Durham, North Carolina; Certificate in Wetland Science and Management, University of Washington, Seattle, Washington; 20 years of experience in ecology and environmental planning and permitting. Contribution: oversight of fish passage assessment and remediation.
- Don Nishikawa, Associate Transportation Engineer, B.S., Civil Engineering, California Polytechnic State University, San Luis Obispo; 20 years of experience in Central Region Hydraulics Branch. Contribution: oversight of hydraulic studies.
 - Sam Toh, Professional Engineer, Traffic Engineer, C62727/TR2300, Traffic Operation Analyst, Capital Outlay Support. M.S. in Civil and Environmental Engineering, California Polytechnic State University, San Luis Obispo, B.S., Engineering Science, California Polytechnic State University, San Luis Obispo; Over 20 years of experience in traffic analysis (Macro and Microsimulation), inter-government review, and 6 years of experience in structural engineering and construction management. Contribution: oversight of traffic studies.
 - Luis Duazo, Senior Transportation Engineer. B.S., Civil Engineering, California Polytechnic State University, San Luis Obispo; 20 years of experience in Project Management. Contribution: Project Management oversight.
 - Md Zahangir Alam, Ph.D., P.E. Transportation Engineer Civil, Office Of Geotechnical Design. Ph.D., Geotechnical Engineering, The University of Texas at Arlington, 6 years of experience in Geotechnical Engineering. Contribution: oversight of geology section.

5.2 Santa Cruz County Regional Transportation Commission

- Sarah Christensen, Professional Engineer, Santa Cruz County Regional Transportation Commission Engineering and Construction Manager. M.S. in Transportation Management, Mineta Transportation Institute; B.S., Civil and Environmental Engineering, San Jose State University; 16 years of experience in transportation project delivery. Contribution: the Santa Cruz County Regional Transportation Commission Highway Program Manager involved with the project development and review of project components.
- Martha Dadala Professional Engineer, Project Manager, MNS Engineers, Inc. B.S., Civil Engineering; M.S., Geotechnical Engineering, National Institute of Technology, Warangal. 30 years of project management, design of highway, interchange and local road projects. Project Manager on behalf of the Project Sponsor, the Santa Cruz County Regional Transportation Commission.
- Guy Preston, Professional Engineer, Santa Cruz County Regional Transportation Commission Executive Director. Civil Engineering,

University of California, Berkeley. 32 years of experience in project delivery and construction management. Contribution: Involved in the project development and review of project components for Santa Cruz County Regional Transportation Commission.

5.3 Mark Thomas

- Zach Siviglia, PE, Project Manager. B.S. in Civil Engineering, California State University, Sacramento. 18 years of experience managing freeway improvements, bridges, highway interchanges, local roadway improvements, bicycle facilities, civil related transit improvements, streetscape designs, and downtown infrastructure improvements. Contribution: Engineering and Design.
- David Williams, PE, Project Engineer, B.S. in Civil Engineering, Monash University, Melbourne, Australia. 37 years of experience planning, designing and managing transportation projects including local street, highway and freeway improvements, interchange improvements, bike/pedestrian facilities, transit and railroad facilities, and managed lane facilities. Contribution: Engineering and Design.
- Marshall Moore, SE, Structures Technical Lead, M.S. in Civil Engineering, University of California, Davis, B.S. in Civil Engineering, San Jose State University. 11 years of experience in the design of transportation projects, including vehicular, pedestrian, light rail, and high-speed rail structures on freeway, local roadway, pedestrian pathway and railway projects. Contribution: Engineering and Design.
- Christine Anderson, Landscape Architecture and Urban Design Lead, BS in Landscape Architecture, California Polytechnic State University San Luis Obispo. Over 30 years of experience managing and designing landscape architectural planning and improvement projects that include specialties of visual and landscape assessments, aesthetic design concepts, tree mitigation and replacement plans, LID treatment design, and landscape concept plans. Contribution: Aesthetic and Landscape Design.

5.4 ICF

- Shilpa Trisal, Environmental Lead. M.C.P., Community Planning, University of Cincinnati, Ohio; B.A., Planning, School of Planning and Architecture, New Delhi, India; 20 years of planning and environmental planning experience. Contribution: Project management, document review, and quality control.
- Lindsay Christensen, Senior Environmental Planner. B.S., Community and Regional Development, University of California, Davis; 17 years of experience in project management and coordination, technical writing, and environmental impact analysis. Contribution: Project management, Summary, Project Description, Cumulative Impacts, document review.

- James Alcorn, Senior Environmental Planner. B.A., Geography, University of Nevada, Reno; 21 years of planning and environmental planning experience Contribution: Coastal Zone, Parks and Recreational Facilities, Growth, Community Character and Cohesion, Relocations, Traffic and Transportation/Pedestrian and Bicycle Facilities, Visual/Aesthetics, Geology, Soils, Seismicity and Topography.
- Tina Sorvari, Senior Environmental Planner. B.A. Anthropology, CSU Sacramento, 22 years' experience in project coordination, technical writing, and environmental impact analysis. Contribution: Utilities/Emergency Services, Cultural Resources, Paleontology, Hazardous Waste/Materials.
- Kate Thompson, Environmental Planner. B.S. Managerial Economics – Environmental and Natural Resource Economics, University of California, Davis; 1 year of experience in environmental impact analysis and technical writing. Contribution: Hydrology, Water Quality, Comments Coordination.
- Shivani Raina, Environmental Planner and Urban Designer. M/C.P., Environmental Planning & Healthy Cities and Urban Design, University of California, Berkeley; B Arch, Architecture, School of Planning and Architecture, New Delhi, India; 5 years of experience in built environment design and planning. Contribution: Air Quality.
- Kelsey Hartfelder, Noise Specialist, B.S., Environmental Science, University of California, Los Angeles; 3 years of experience in technical writing and environmental impact analysis. Contribution: Noise.
- Ali Summers, Environmental Regulatory Specialist. B.S., Wildlife Science, University of Oregon, Corvallis; 18 years of experience in wildlife and plant identification, surveys, and assessments, regulatory permitting, and document preparation. Contribution: Natural Communities, Wetlands, Plants, Animals, Threatened and Endangered Species, Invasive Species.
- Kate Carpenter, Senior Biologist. B.A. Plant Biology, University of California, Davis; 20 years of botanical, aquatic resource, and natural community assessments, land cover map production with technical reporting, and environmental impact analysis. Contribution: Natural Communities, Wetlands, Plants, Animals, Threatened and Endangered Species, Invasive Species.

5.5 LSA Associates, Inc.

- J.T. Stephens, Associate / Senior Noise Specialist. B.S. in Acoustical Engineering, Purdue University. 15 years of experience in Noise and Vibration Analyses. Contribution: Focused Noise Study Report and Focused Noise Abatement Decision Report.

5.6 Paleo Solutions, Inc.

- Alyssa Bell, Principal Paleontologist. Ph.D., Vertebrate Paleontology, University of Southern California; 18 years of experience in paleontological research and mitigation. Contribution: Paleontological Mitigation Plan.
- Elisa Barrios, GIS Technician. B.S. Geology (Environmental Geoscience), California State University, Los Angeles; 2 years of experience in GIS. Contribution: Paleontological Mitigation Plan figures.
- Geraldine Aron, Principal Paleontologist. M.S., Geological Sciences, California State University, Long Beach, California; 23 years of experience in paleontological research and mitigation. Contribution: Stantec Project Manager, QA/QC.
- Jeff Hathaway, Professional Geologist. M.S. Geology, California State University, Fullerton, California; 17 years of experience in paleontological research and mitigation. Contribution: QA/QC.

5.7 Parikh Consultants, Inc.

- Craig Langbein, PG-9447, Registered Geologist. B.S., Geology (Honors); James Cook University, Townsville, Queensland. Registered geologist specializing in structural interpretation; field and pit mapping; remote sensing and GIS; geotechnical monitoring and assessment; mine geology exploration; 3D unmanned aerial aircraft photogrammetry; geochemistry; geophysics; research, assessment, reporting and sampling; Phase I Initial Site Assessment report preparation. Contribution: Preliminary Geotechnical Design Report.
- Kandeep Saravanapavan, Professional Engineer, Geotechnical Engineer, C-71739/GE 3040, Project Engineer. B.S. Civil Engineering, University of Peradeniya, M.S. Geotechnical Engineering, New Mexico State University, Las Cruces, NM. 16 years of experience in conducting geotechnical investigations and materials engineering services for a wide spectrum of transportation projects. Contribution: Preliminary Geotechnical Design Report.
- Y David Wang, Professional Engineer. C-52911, Senior Project Engineer/Project Manager. Ph.D., Geotechnical Engineering, U.C. Berkeley, California; M.S., Geotechnical Engineering, U.C. Berkeley, California; B.S., Civil Engineering, National Cheng-Kung University, Taiwan; 35 years of experience in transportation projects, prepares reports in accordance with Caltrans standards for counties, cities, and self-help agencies (measure programs) throughout California. Contribution: QA/QC of the Preliminary Geotechnical Design Report.
- Gary Parikh, Professional Engineer, Geotechnical Engineer, C-24227/GE 666, Principal In-Charge. B.S., Civil Engineering, M.S. University, India; M.S., Geotechnical Engineering, University of California, Berkeley,

California; 48 years of experience in managing, supervising, and conducting geotechnical investigations and materials engineering services. Contribution: Project Manager.

5.8 SWCA Consultants

- Rebecca Doubleddee, Senior Biologist. B.S., Zoology, University of California, Santa Barbara, California; M.A., Integrative Biology, University of California, Berkeley, California; 19 years working with threatened and endangered species in California, 16 years of experience working in environmental consulting. Contribution: Natural Environment Study, Jurisdictional Delineation Report.
- Jon Claxton, Principal Natural Resources Team Lead, B.S., Biological Sciences; California Polytechnic State University, San Luis Obispo, California; 20 years of experience conducting biological investigations and providing a broad range of environmental consulting services, Contribution: Natural Environment Study, Jurisdictional Delineation Report, Tree Survey.

5.9 Terry A. Hayes Associates, Inc.

- Sam Silverman, Senior Environmental Scientist. M.S., Environmental Health, University of California, Los Angeles; 22 years of experience in managing the preparation of Air Quality, Greenhouse Gas, and Energy Technical Reports with a focus on transportation projects. Contribution: Air Quality Report; Energy Analysis Report
- Peter Feldman, Senior Planner. B.A., Political Science, University of California, Irvine; 13 years of experience in the preparation of environmental documentation with a focus in community issues and environmental justice. Contribution: Community Impact Report.

5.10 WRECO

- Christine Boschen, Senior Environmental Scientist. M.S., Soil and Water Science, University of California, Riverside; 23 years of experience in the fields of stormwater management and regulatory compliance. Contribution: Water Quality Assessment Report.
- Wana Chiu, E.I.T. B.S., Civil Engineering, University of the Pacific, Stockton; 19 years of experience in the fields of hydrologic and hydraulic analysis and design. Contribution: Floodplain Evaluation Report.
- Analette Ochoa, Vice President, P.E., QSD/P, ToR. B.S., Civil Engineering, University of California, Davis. 29 years of experience in the fields of water quality, stormwater management, and hydraulics. Contribution: Floodplain Evaluation Report; Water Quality Assessment Report.

5.11 Far Western

- Melinda Pacheco Patrick, Principal Investigator. M.A. In Historical Archaeology, University of Leicester. Contribution: Archaeological Survey, Extended Phase I and Phase 2 Testing Report.

5.12 Monument

- Kim Bibolet, SR/WA, R/W-NAC, 15 years of experience, works closely with numerous local governments, public agencies, and private companies on transit, transportation, housing, and utility infrastructure projects. Kim is a licensed real estate agent and has been involved in all aspects of right-of-way work, including appraisal valuations, curative title, environmental assessments, acquisition, escrow coordination, encroachment mitigation and permitting, eminent domain support, and relocation advisory services. Contribution: Relocation Impact Memorandum.

5.13 Brunzell Historical LLC

- Kara Brunzell, Historian. M.A. in Public History, California State University, Sacramento. Contribution: Historic Resources Evaluation Report, Historic Property Survey Report, Finding of Effect.

5.14 CDM Smith

- William Hurrell, Vice President, PE. M.S., Civil Engineering, University of California, Berkeley; 46 years of experience in the fields of multimodal transportation planning and engineering. Contribution: Traffic and Transportation Analysis.
- Chiranjivi Bhamidipati, E.I.T. M.S., Civil Engineering, Civil Engineering, University of Virginia; 13 years of experience in the fields of transportation planning, traffic operations and technology, highway engineering. Contribution: Traffic and Transportation Analysis.
- Szu-han Chen, E.I.T., AICP. M.S., Transportation, Massachusetts Institute of Technology; 10 years of experience in the fields of traffic engineering, transportation planning, land use planning, public transportation, operations research, and transportation-related economics. Contribution: Traffic and Transportation Analysis.