

## **Chapter 5**      **List of Preparers**

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The following persons were principally responsible for preparation of this Draft Environmental Impact Report/Environmental Assessment (EIR/EA) and supporting technical studies.

### **5.1 California Department of Transportation, District 12**

Deshpande, Smita, Senior Environmental Planner. B.A. in Geography, University of Pune, India; M.S. in Regional Planning, Indiana University of Pennsylvania, Indiana, Pennsylvania. 30 years of experience in environmental planning. Contribution: Oversight of preparation and management of the EIR/EA.

Phung, Alben, Senior Environmental Scientist. B.A. in Environmental Science & Policy, California State University, Long Beach; Masters of Urban and Regional Planning, Cal Polytechnic University Pomona. 6 years of experience in environmental planning. Contribution: Review of the EIR/EA, Equity Analysis, SB 743 VMT Analysis and Mitigation.

Anderson, Stephen, Associate Environmental Planner (Natural Science). B.S. in Environmental Studies, San Jose State University, 2.5 years of experience with Caltrans, 8 years of experience in biology and environmental planning. Contribution: Reviewer of Biological Resources Reports.

Aurasteh, Reza, Senior Environmental Engineer. P.E., Ph.D. in Engineering, Utah State University. 30 years of experience in consulting engineering, academics, transportation engineering, and environmental engineering. Contribution: Senior Review of the Initial Site Assessment (ISA), Air Quality, and Noise.

Bade, Rabindra, Environmental Engineer. Ph. D. Kumoh National Institute of Technology, South Korea, 21 years of experience in research, design, consulting, academics in the field of Environmental Engineering and Civil Engineering. Contribution: Review of Air Quality and Energy Analysis.

Barker, Kristopher, Engineering Geologist. B.S. in Earth Sciences. University of Southern California. 23 years of experience. Contribution: Preparation of the Preliminary Geotechnical Assessment.

Caraig, Ricardo, Transportation Engineer (Civil). B.S. in Civil Engineering, California State University Fullerton, California; 25 years of experience in design and 7 years of experience in environmental engineering. Contribution: Oversight of the NSR, NADR, and NBSR.

Cochran, Paul, Associate Environmental Planner. B.S. in Biochemistry with an emphasis in Biology/Environmental Toxicology, University of California, Riverside. 18 years of experience in Environmental Planning. Contribution: Section 4(f) coordination

Cuevas, Arvin, Interim Senior Transportation Engineer (Civil). B.S. in Civil Engineering Cal Poly Pomona, California. 22 years of experience in civil engineering. Contribution: Senior review for Water Quality and NPDES.

Dickson, Eric, Senior Landscape Architect. B.S. in Landscape Architecture, California State Polytechnic University, Pomona. 33 years of experience. Contribution: Senior Review of the Visual Impact Analysis.

Dinh, Phi, Senior Transportation Engineer. MSCE, University of California, Los Angeles. 22 years of experience in Caltrans Hydraulics, Design and Construction, 3.5 years in Environmental Engineering with the Department of Navy. Contribution: Review of Hydrology and Floodplains Section of the Environmental document.

Gupta, Sunil, Transportation Engineer, P.E., G.E., PMP, M.S. in Civil Engineering, Texas Tech University. Over 38 years of experience in Civil Engineering. Contribution: Reviewer of Hydrology and Floodplains Section of the Environmental document.

Garcia Perales, Jessica, Associate Governmental Program Analyst, B.A. in Business Administration. Contribution: Section 4(f) coordination, Public Hearing preparation

Hernandez, Jose, Senior Transportation Engineer. B.S. & M.S.C.E., California State University, Long Beach. 33 years of experience in Caltrans. Contribution: Senior Review of the Traffic Operations Analysis Report.

Heydari, Bahar, Associate Environmental Planner. B.S. in Geography with emphasis in Environmental Analysis, California Polytechnic University Pomona. 16

years experience in Environmental Planning. Contribution: Section 4f Analysis.

Jablonski, Janilee, Project Manager. B.S. Engineering, Cal Poly, Pomona. 22 years of experience with Caltrans. Contribution: Project Manager.

Karimi, Shiva, Senior Transportation Engineer. B.S. and M.S. in Civil Engineering, University of Tehran; M.S. in Geotechnical Engineering, Tufts University, MA, and Ph.D. in Geotechnical Engineering, University of Southern California, CA. Over 30 years of experience in geotechnical engineering. Contribution: providing geotechnical design.

Le, Christopher, Senior Transportation Engineer. B.S. Civil Engineering, San Diego State University. 31 years with Caltrans: Reviewer of the Roadway Design.

Liu, Brian, Associate Environmental Planner. B.A. in Geography, California State University, Long Beach. 17 years of experience in environmental planning. Contribution: SB 743 VMT Mitigation, NEPA QC reviewer, and Technical Reviewer.

Lo, Ka-Man (Carmen), Associate Environmental Planner. B.A. in Environmental Analysis and Design, University of California, Irvine. 15 years of experience conducting research and preparing technical sections of environmental documents. Contribution: Review of Community Impact Section and contributed to review of EIR/EA.

Pham, Hoang Bao, Transportation Engineer/Civil. B.S. in Civil Engineering, University of California, Berkeley; M.S. in Structural Engineering, California State Polytechnic University, Pomona. 15 years of experience in Environmental Engineering. Contribution: Oversight of Hazardous Waste Management.

Salas, Hector B., Water Quality Specialist. B.A. in Environmental Analysis and Design, University of California, Irvine. 24 years of experience. Contribution: Reviewer of the Water Quality and Storm Water Runoff section of the EIR/EA and the Water Quality Assessment Report (WQAR).

Sinopoli, Cheryl, Archaeologist. B.A. Anthropology, California State University, Bakersfield. 27 years of experience. Contribution: Reviewer of Historic Property Survey Report (HPSR), and Archaeological Survey Report (ASR).

## 5.2 WSP

Dickerson, Theresa, Director, Vice President Environmental Planning, B.S. in Landscape Architecture, California State Polytechnic University, Pomona. Over 30 years of experience in environmental planning and analysis. Contribution: Project Management & quality control and quality assurance review of the EIR/EA.

Flaherty, Alana, Consultant Environmental Planner, B.A. in Environmental Business, University of Redlands. 4 years of experience with environmental planning and analysis. Contribution: Provided quality control and quality assurance of review of the EIR/EA.

Heft, Adam, Vice President/Geologist, B.S. Geology and Earth Science, Central Michigan University, Mount Pleasant, Michigan, M.S. Geology, Michigan State University, East Lansing, Michigan. 30 years of experience in environmental consulting, contaminant investigation, remediation, and environmental due diligence. Contribution: Review of the Hazardous Waste/Materials section of the EIR/EA.

Keller, Kevin, Assistant Vice President, Environmental Planner, B.A. in Geography, Cal State Fullerton. 30 years of experience in transportation noise study planning and noise abatement design. Contribution: Noise Technical Report, noise model and review.

Lovegrove, Alice, Senior Vice President, B.E. in Engineering Science, Stony Brook University, M.S. in Environmental Waste Management, Stony Brook University. Over 34 years of experience in air quality analyses. Contribution: Review of the Air Quality Assessment Report and Climate Change and Air Quality sections of the EIR/EA.

Moore, Matthew, Senior Vice President I, Water Resources Engineer, B.S. in Civil Engineering, Virginia Tech; M.S. in Civil Engineering, Virginia Tech. Over 28 years of experience in stormwater planning, analysis and design. Contribution: Review and Quality Control for the Water Quality Assessment Report (WQAR) and Stormwater Data Report (SWDR).

Quintero, Angelica, Senior Consultant, Water Resources Engineer, B.S. in Civil and Environmental Engineering, Rutgers The State University of NJ; M.S. in

Environmental Engineering, University of New Haven, Connecticut. 8 years of experience in drainage engineering, water resources, and rail design management. Contribution: Review and Quality Control for the Hydrology and Water Quality sections of the EIR/EA.

Seyde, Veronica, Vice President, Environmental Scientist, M.S. Environmental Studies, California State University Fullerton. 30 years of experience in water quality and environmental analysis. Contribution: Author of the Water Quality Assessment Report and the Water Quality and Hydrology Section of the EIR/EA.

Tadross, Edward, Vice President/Environmental Planner; B.A. Environmental Studies & B.A. Earth Sciences, Tulane University, New Orleans. 26 years of experience in preparing air quality analyses. Contribution: Review and Quality Control for the Air Quality Assessment Report and Climate Change and Air Quality sections of the EIR/EA.

VanGoethem, David, Vice President/Environmental Engineer, B.S. in Civil and Environmental Engineering, Michigan State University, East Lansing, Michigan, MBA, Management, Walsh College of Accountancy and Business, Troy, Michigan. Over 30 years of experience in environmental consulting, contaminant investigation, remediation, and environmental due diligence. Contribution: Review of the Hazardous Waste/Materials section of the EIR/EA.

Weston, Ryan, Visual Lead, M.L.A. in Landscape Architecture and Environmental Planning, Utah State University; B.S. in Horticulture, Brigham Young University. 21 years of experience in landscape architecture and visual analysis. Contribution: Preparer of the Visual Impact Assessment Report.

Whitmore, Stephanie, Vice President Environmental Planning. B.S. Environmental Economics, Penn State University; B.S. Environmental Planning, Northern Arizona University; MCP, City Planning, San Diego State University. 22 years of experience in environmental and urban planning and entitlements. Contribution: Review of the Community Impact Assessment.

### **5.3 Advanced Civil Technologies**

Hackney, Caleb, Design Engineer II, B.S. Civil Engineering, California State University Fullerton, M.S. Structural Engineering, California State University Fullerton. Over 6 years of experience in transportation and roadway design. Contribution: Preparation of Draft TMP report and Staging Concept.

### **5.4 AYCE**

Nguyen, Kandice, PE, Principal, B.S. Civil Engineering, Cal Poly Pomona. Over 15 years of transportation planning and design. Contribution: Project Alternatives & Design Standard Decision Document.

### **5.5 Jacobs**

Bloomberg, Loren, P.E., Transportation/Traffic Engineer, B.S. in Systems Engineering, University of Virginia, M.S./M.E. in Civil Engineering (Transportation), UC Berkeley. Approximately 30 years of experience in transportation planning, traffic operations analysis, and modeling. Contribution: Oversight and technical guidance of the Traffic Operations Analysis Report (TOAR) including forecasting and traffic analysis; lead and strategic approach for Vehicle Miles Traveled (VMT) analysis.

Chau, Raizalyn, P.E., Transportation/Traffic Engineer, B.S. in Civil Engineering, UC Irvine. Over 15 years of experience in transportation planning/traffic operations analysis. Contribution: Development of the Traffic Operations Analysis Report (TOAR) & review of the Traffic sections of the EIR/EA

### **5.6 Monument**

Yokogawa, July, Project Manager, B.S. in Finance, Real Estate and Business Law, Cal Poly Pomona. Over 8 years of experience in acquisition, relocation and project planning for public infrastructure improvement projects. Contribution: Draft of the Relocation Impact Memorandum.

### **5.7 Sysmet Group**

Choe, Tom, PE, Principal Engineer, B.S. in Civil Engineering, UC Davis, M.B.A., CSU Sacramento. Over 30 years of experience in transportation planning and

engineering. Contribution: Traffic sections of the EIR/EA and Review and Quality Control for the TOAR.

## **5.8 Transystems**

Sarachi, Sepideh, Senior Drainage Engineer, Ph.D in Water Resources Engineering, University of California, Irvine. 10 years of experience in drainage design. Contribution: Storm Water Data Report, Drainage Report and Location Hydraulic Study, and Drainage sections of the EIR/EA.

## **5.9 VMS**

Kolano, Fred, Director of Value Management, Value Management Strategies, Inc.; B.S. in Industrial Engineering, West Virginia University. Over 45 years of experience in engineering, manufacturing, and value management of transportation and infrastructure projects. Possesses a Certified Value Specialist (CVS) – Life title, which provides experience in leading Value Engineering studies. Contribution: Value Analysis during PA&ED phase.

## **5.10 LSA Associates, Inc.**

Pracilio, Deborah, Principal. B.A. in Social Ecology, University of California, Irvine. 36 years of experience with the environmental assessment processing procedures for NEPA/CEQA. Contribution: Quality control review of the EIR/EA and technical studies.

Harris, Jayna, Associate/Senior Environmental Planner. B.A. in Geography, California State University, Fullerton. 23 years of experience in environmental planning and analysis. Contribution: Quality control and quality assurance review of the EIR/EA and supporting technical studies.

Estores, Jazmine, Environmental Planner, B.A. in Geography, Certificate in Urban Studies/Planning, California State University, Long Beach. 4 years of experience with environmental and transportation planning project assistance and analysis. Contribution: Provided project management assistance to process the submittal of technical studies and assisted with preparing the EIR/EA.

Alms, Paul, Paleontologist, B.S. in Applied Ecology, University of California, Irvine; M.Sc. in Geology, California State University Fullerton. 22 years of

experience in the paleontology and geology fields. Contribution: Conducted paleontological field surveys.

Bensley, Ryan, Principal/Community Impacts Assessment Lead, B.A. in Geography, Specialization in Urban Planning and GIS, California State University, Long Beach. 15 years of experience in environmental planning and analysis, including substantial experience preparing Community Impact Assessments. Contribution: Managed preparation of the Community Impact Assessment.

Biewer, Jacob, Paleontologist, B.S. in Geology, California State University Stanislaus; M.Sc. in Geology, California State University Fullerton. 8 years of experience in the paleontology and geology fields. Contribution: Preparer of the Paleontological Investigation Report and Paleontological Evaluation Report.

Bosseler, Jennette, Associate/Section 508 Specialist, B.A. in English (minor in Professional Writing), University of California, Santa Barbara. 20 years of experience editing, formatting, and ensuring Section 508 compliance for a wide variety of technical documentation. Contribution: Provided editing and Section 508 compliance for EIR/EA.

Brugger, Ron, Senior Air Quality Specialist, B.S. in Mechanical Engineering, University of Wisconsin. 32 years of experience with air quality analysis, air dispersion modeling, CEQA and NEPA. Contribution: Preparer of the air quality and greenhouse gas emissions impact technical report.

Canterbury, Meredith, Senior GIS Analyst, B.A. in Geography, Specialization in Environmental Analysis, California State University, Fullerton. 15 years of experience with data creation and management, analysis and ad-hoc mapping development. Contribution: Managed GIS data, and prepared maps and GIS exhibits for the EIR/EA.

Carpenter, Jill, Senior Biologist/Bat Specialist, B.S. in Biology, Specialization in Ecology, Minor in Global Sustainability, University of California, Irvine. 18 years of experience performing focused surveys and developing mitigation strategies for bats. Contribution: Led bat roosting habitat assessment and prepared bat survey report in support of the NES.



Collison, Kerrie, Associate/Senior Cultural Resources Manager. B.S. in Social Sciences, California Polytechnic State University, San Luis Obispo; M.A. in Anthropology, California State University, Northridge. 15 years of experience in Native American consultation, conducting cultural resource surveys and subsurface testing for cultural resources, and preparing cultural resource documents including HPSRs and ASRs for Caltrans projects. Contribution: Prepared the HPSR and the ASR and assisted Caltrans staff with Native American consultation.

Fischer, Amy, President/Air Quality-Greenhouse Gases-Energy Principal, B.S. Environmental Policy Analysis, Minor in Geography University of Nevada, Reno. 24 years of experience in preparing air quality analysis. Contribution: Review and Quality Control for the Air Quality Assessment Report and Climate Change and Air Quality sections of the EIR/EA.

Frakes, Laurel, Associate Environmental Planner. B.S. in Environmental Management/Hydrology and Watershed Management, California Polytechnic State University, San Luis Obispo. 16 years of experience in preparing environmental documents for projects requiring CEQA and NEPA coordination and implementation. Contribution: Assisted in preparation of the EIR/EA.

Gurrera, Giana, Assistant Environmental Planner, B.A. in Environmental Studies, University of California, Santa Barbara. 2 years of experience in preparing environmental documents for projects requiring CEQA and NEPA coordination and implementation. Contribution: Preparation of the project Community Impact Assessment.

Harrison, Jim, Senior Biologist. B.A., Biological Sciences, California State University, Fullerton. 32 years of experience conducting and supervising a wide range of biological resources surveys, jurisdictional delineations, and preparing technical biological reports and regulatory permit applications. Contribution: Provided LSA biologists with technical assistance and consultation pertaining to the jurisdictional delineation for the project.

Honer, Ashley, Environmental Planner, B.S., Environmental Management and Protection California Polytechnic State University, San Luis Obispo. 4 years of experiences in preparing environmental documents for projects requiring

CEQA and NEPA coordination and implementation. Contribution: Assisted in preparation of the EIR/EA.

Kwon, William, Assistant Environmental Planner, M.S. in City & Regional Planning, B.S. in Environmental Management and Protection, California Polytechnic State University, San Luis Obispo. 1 year of experience in preparing environmental documents for projects requiring CEQA and NEPA coordination and implementation. Contribution: Preparation of the Community Impact Assessment.

Lieuw, Jessica, Biologist, B.A. in Environmental Science, Minor in Urban and Regional Planning University of California, Irvine. 3 years of experience with conducting biological monitoring and qualitative assessments related to species surveys and habitat assessments. Contribution: Assisted with bat habitat assessment in support of the NES. Assisted with the jurisdictional delineation field work in support of the Jurisdictional Delineation.

Lui, Jason, Associate/Senior Noise Specialist, M.S. in Environmental Studies, California State University, Fullerton, B.A. in Environmental Analysis and Design, University of California, Irvine. 20 years of experience in preparing and reviewing noise analyses. Contribution: Review and Quality Control for the Noise Study Report and Noise section of the EIR/EA.

McCann, Aaron, Cultural Field Staff, B.A. in Anthropology, California State University, Fullerton. 17 years of experience in the paleontology and archaeology fields. Contribution: Conducted archaeological field surveys.

Peachey, Lauren, Assistant Environmental Planner, B.S. in Environmental Management and Protection, California Polytechnic State University, San Luis Obispo. 6 months of experience in preparing environmental documents for projects requiring CEQA and NEPA coordination and implementation. Contribution: Assisted in preparation of the EIR/EA and Section 508 compliance for the EIR/EA.

Phillips, Matt, Graphic Designer, B.A. in Anthropology, California State University, Long Beach. 28 years of experience with the design and production of technical graphics for CEQA and NEPA environmental documents planning documents, land use plants, and identity branding and logo design.

Contribution: Managed GIS data and prepared maps and GIS exhibits for the EIR/EA.

Powers, Stephanie, Word Processor/Section 508 Document Accessibility Specialist, 16 years of experience word processing and formatting reports, correspondence, proposals, Statements of Qualifications, resumes, and other documents from the Environmental Planning, Biological Resources, Cultural Resources, Traffic, and administrative groups. Contribution: Provided editing and Section 508 compliance for EIR/EA.

Reading, Pam, Principal – Environmental, B.A., Magna Cum Laude, Environmental Studies/Political Science, University of Vermont, Burlington; M.S. in Hydrology & Watershed Management, School of Forestry & Environmental Studies, Yale University. 33 years of experience in environmental assessment processing procedures for CEQA/NEPA. Specializes in Coastal Zone consistency analyses, and water quality and farmland impact assessments. Contribution: Review and Quality Control for the Water Quality Analysis.

Rieboldt, Sarah, Paleontologist. B.A., in Biology, University of Colorado, Boulder, Magna cum Laude; Ph.D. in Paleontology, University of California, Berkeley. 15 years of experience in the paleontology and geology fields. Contribution: Preparer of the Paleontological Investigation and Evaluation Report.

Rodriguez, Lonnie, Associate/Biologist, B.S. in Environmental Science, Humboldt State University. 15 years of experience with conducting biological surveys and performing biological monitoring. Specializes in performing species surveys, developing jurisdictional delineations and vegetation mapping. Contribution: Assisted with jurisdictional delineation and led the wildlife-focused surveys, assisted with the preparation of the NES and JD.

Rosenthal, Jeremy, Biologist, B.S. in Natural Resources, University of Arizona. 8 years of experience in environmental consulting, with 4 years of experience conducting biological surveys and monitoring. Specializing in Biological assessments, rare plant and animal surveys, vegetation mapping, and jurisdictional delineations. Contribution: Conducted the majority of the jurisdictional delineation field work and was the sole author of the Jurisdictional Delineation. Additionally, he conducted the focused surveys for special-status plant species and the vegetation mapping.

Selna, Blake, Principal/Biologist. B.S. in Environmental and Resource Sciences University of California, Davis. 23 years of experience in biological resources and natural resource management. Contribution: Quality control review of the NES and JD.

Tibbet, Casey, Associate/Architectural Historian, M.A. in History/Historic Preservation, University of California, Riverside. 26 years of experience in architectural history, preparing cultural resources documents including APE maps, HRERs, HPSRs, and FOEs for Caltrans projects. Contribution: Preparer of the HPSR.

Villanueva, Ryan, Senior Biologist, B.S. in Biology, B.A. in Environmental Studies, University of California, Santa Cruz. 17 years of experience in biological resources and natural resource management which includes the preparation of Jurisdictional Delineations, Natural Environment Studies, and biological resources surveys. Contribution: Primary author of the NES.

Virgil, Chantik, Senior Word Processor/Section 508 Document Accessibility Specialist. 30 years of experience word processing and formatting which includes reports, correspondence, proposals, Statements of Qualifications, resumes, and other documents from the Environmental Planning, Biological Resources, Cultural Resources, Traffic, and Administrative groups. Contribution: Provided editing and Section 508 compliance for EIR/EA.