Chapter 5 List of Preparers

The persons listed below 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

Rabindra Bade, Environmental Engineer, Ph.D., Kumoh National Institute of Technology. Twenty-five years of experience in research, design, consulting, and academics in the field of environmental and civil engineering. Contribution: Preparation of air quality and energy analysis reports.

Arman Behtash, Environmental Engineer, B.S. in Civil and Environmental Engineering, University of Wisconsin, Madison. Thirty-five years of experience in the field of environmental engineering. Contribution: Review of ISA and preparer of hazardous waste environmental document sections.

Ricardo Caraig, Transportation Engineer (Civil), B.S. in Civil Engineering, California State University, Fullerton. Twenty-five years of experience in design and 9 years of experience in environmental engineering. Contribution: Senior review of the SNSR, SNADR, SNBSR, ISA, and air quality and energy analysis reports

Arvin Cuevas, Senior Transportation Engineer (Civil), B.S. in Civil Engineering, California Polytechnic University, Pomona. Twenty-five years of experience in civil engineering. Contribution: Senior review for water quality and NPDES.

Aso Delanian, Transportation Engineer (Civil), B.S. in Civil Engineering, Iran Azad University. Eighteen years of experience in design and 2 years of experience in environmental engineering. Contribution: Oversight of the NSR, NADR, and NBSR.

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

Eric Dickson, Senior Landscape Architect, B.S. in Landscape Architecture, California Polytechnic University, Pomona. Thirty-three years of experience. Contribution: Senior review of the visual impact analysis.

Phi Dinh, Senior Transportation Engineer, M.S. in Civil Engineering, University of California, Los Angeles. Twenty-six years of experience in Caltrans hydraulics, design, and construction, and 3.5 years in environmental engineering with the Department of the Navy. Contribution: Senior review of hydrology and floodplains sections of the environmental document and preparation of LHS/FER summary forms.

Gabriela Duran, Associate Environmental Planner, B.A. in Environmental Economics, University of California, Riverside. Eighteen years of experience in environmental planning. Contribution: Preparation and review of the EIR/EA and preparation of the preliminary Section 4f *de minimis* determination.

Sunil Gupta, Transportation Engineer, M.S. in Civil Engineering, Texas Tech University. More than Thirty-eight years of experience in civil engineering. Contribution: Review of hydrology and floodplains section of the environmental document.

Jared Lindo, Project Manager, B.S. in Civil Engineering, California State University, Fresno. Fifteen years of experience in transportation and civil engineering. Contribution: Project management.

Rick Ngo, Transportation/Traffic Engineer, B.S. in Civil Engineering, California State University, Long Beach. Thirty years of experience in highway design and traffic operations analysis. Contribution: Review of TOAR and traffic sections.

Steven Nguyen, Transportation Engineer, B.S. in Civil Engineering, California Polytechnic University, Pomona. Seventeen years of experience in transportation and civil engineering. Contribution: Preparer of project report/plans.

Jimmy Pham, Engineering Geologist, B.S. in Geological Sciences, San Diego State University. Eight years of experience in geotechnical consulting. Contribution: Review of geotechnical memorandum and geology section of the environmental document.

Steve Pham, Senior Transportation Engineer, B.S. in Civil Engineering, California State University, Long Beach; M.S. in Civil Engineering, California State University, Long Beach. Twenty-five years of experience in design, construction, and traffic operations. Contribution: Senior review of TOAR and traffic sections.

Alben Phung, Senior Environmental Scientist, B.A. in Environmental Science and Policy, California State University, Long Beach; Master of Urban and Regional Planning, California Polytechnic University, Pomona. Eight years of experience in environmental planning. Contribution: Senior review of biological, archeological, and paleontological technical studies.

Hector B. Salas, Water Quality Specialist, B.A. in Environmental Analysis and Design, University of California, Irvine. Twenty-six years of experience. Contribution: Preparer of water quality assessment report (WQAR) and water quality sections of the environmental document.

Sunny Saroa, Associate Environmental Planner, B.S. in Environmental Sciences, University of California, Riverside. Seven years of experience in conducting research and natural resource management; 2 years of experience in technical environmental document preparation. Contribution: Assisted in preparation and review of EIR/EA.

Lisa Sato, Associate Environmental Planner, B.S. in Biology (Biodiversity, Ecology, and Conservation), California State University, Fullerton. Fourteen years of experience as a wildlife biologist, performing wildlife surveys and preparing biological technical reports. Contribution: Review of the NES-MI and environmental document sections.

Cheryl Sinopoli, Archaeologist, B.A. in Anthropology, California State University, Bakersfield. Thirty years of experience. Contribution: Review of Supplemental Historic Property Survey Report (SHPSR), Supplemental Archaeological Survey Report (SASR), and Supplemental Paleontological Identification Report/Paleontological Evaluation Report (SPIR/PER).

5.2 ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA)

Niall Barrett, P.E., Project Manager, MSc in Transportation Management, San Jose State University. Twenty-three years of experience. Contribution: OCTA Project Manager.

5.3 DUKE CRM

Melissa Macias, Principal Investigator for Paleontology, M.S. in Geosciences, Fort Hays State University. Eleven years of experience in mitigation paleontology. Contribution: Supplemental combined paleontological identification and evaluation report and environmental document section.

5.4 ICF

Jennifer Andersen, AICP, Principal Environmental Planner, B.A., International Relations, University of Southern California. Fourteen years of experience in environmental planning. Contribution: Environmental document preparation.

Laura Yoon, Managing Director, M.S., Environmental Management, University of San Francisco. Sixteen years of experience in air quality and greenhouse gas technical analysis. Contribution: Air quality, climate change, greenhouse gases, and energy.

Lance Unverzagt, Senior Manager, Master of Community and Regional Planning (MCRP), University of Nebraska, Lincoln. Twenty-three years of experience in preparing CEQA and NEPA documents. Contribution: Wildfire.

Emily Czaban, Environmental Planning, Principal, Master of Urban and Regional Planning, California Polytechnic University, Pomona; B.A., Urban Studies, Loyola Marymount University. Experience: Thirteen years of experience in environmental planning. Contribution: Managed EIR/EA and Environmental Technical Studies.

Liane Chen, Senior Environmental Planner, Master of Environmental Data Science (MEDS), University of California, Santa Barbara; B.A., Environmental Systems, University of California, San Diego. Eleven years of experience in preparing CEQA and NEPA documents. Contribution: Visual/aesthetics.

Uyenlan Vu, Principal Environmental and Transportation Planner, M.S., Urban and Regional Planning; M.S., Water Resources Management, University of Wisconsin-Madison; B.A., Environmental Analysis and Design/Social Ecology, University of California, Irvine. Twenty-one years of experience in environmental planning. Contribution: Preparation of the community impact assessment.

Nina Franklin, Environmental Planner, Master of Urban and Regional Planning (MURP), University of California, Irvine; B.S., Geography, Arizona State University. Three years of experience in preparing CEQA and NEPA documents. Contribution: Parks and recreational facilities; utilities/emergency services.

Meagan Wiles, Senior Environmental Planner and Project Manager, B.S., Environmental Management and Protection, California State University, San Luis Obispo. Nine years of experience in environmental planning. Contribution: Land use, community character, and population and housing.

Katrina Sukola, Water Resources Specialist, Master of Science, University of Manitoba. Twenty-one years of experience analyzing water quality and hydrological conditions. Contribution: Hydrology and water quality section.

Jakob Rzeszutko, INCE-USA, Acoustics Specialist, B.S., Acoustics, Columbia College Chicago. Seven years of experience in performing noise and vibration measurements, analysis, modeling, and mitigation. Contribution: Noise barrier survey report, and environmental document.

Elizabeth Irvin, Technical Editor, B.A., English, University of California, Irvine. Twenty-five years of experience in formatting and editing environmental documents. Contribution: Formatting and technical editing.

Stephanie Monzon, Technical Editor, M.A. English, Stanford University. Fifteen years of experience in formatting and editing environmental documents. Contribution: Formatting and technical editing.

Saadia Byram, Technical Editor. Eighteen years of experience in formatting and editing environmental documents. Contribution: Formatting, technical editing, and Section 508 compliance efforts.

Jenelle Mountain-Castro, Publication Specialist. Twenty-one years of experience in formatting environmental documents. Contribution: Formatting and Section 508 compliance efforts.

Nicole Larson, Environmental Planner, Master of Urban and Regional Planning; B.S., Earth System Science, University of California, Irvine. Ten years of experience in environmental consulting. Contribution: Environmental document preparation.

Lauren Downs, RPA, Senior Archaeologist, M.A., Anthropology, University of Missouri. Ten years of experience in cultural resource analysis. Contribution: Cultural resources technical report preparation; environmental document contributor.

Margaret Roderick, Principal Architectural Historian (Consultant Equivalent)/Senior Architectural Historian Manager, MHC, Heritage Conservation, University of Southern California; M.A., Art History, Florida State University; B.A., Art History and Criticism, University of California, San Diego. Nine years of experience in architectural history and cultural resources management. Contribution: Principal architectural historian (consultant equivalent) for the historic property survey report package (cultural studies).

Brittany Buscombe, Senior GIS Analyst, B.A., Environmental Analysis and Design, University of California, Irvine. Twenty-five years of experience in geographical analysis. Contribution: Environmental document figures and calculations.

Rebecca Jost, Deputy Project Manager, M.A., Environmental Science, University of Texas, San Antonio. Eleven years of experience in environmental planning and permitting. Contribution: Environmental document preparation.

Peter Hardie, INCE-USA, Senior Acoustics Specialist, MESM, Environmental Science and Management, University of California, Santa Barbara. Member, Institute of Noise Control Engineering. Twenty-one years of experience. Contribution: Noise study report, noise abatement decision report, noise barrier survey report, and environmental document.

Johnnie Garcia, GIS Analyst/Manager, B.A., Geography, University of California, Santa Barbara. Twenty years of experience in GIS. Contribution: Figures and impact analyses.

5.5 JACOBS

Loren Bloomberg, Transportation/Traffic Engineer, B.S. in Systems Engineering, University of Virginia; M.S./M.E. in Civil Engineering (Transportation), University of California, Berkeley. Thirty 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.

Raizalyn Chau, Transportation/Traffic Engineer, B.S. in Civil Engineering, University of California, Irvine. Fifteen years of experience in transportation planning/traffic operations analysis. Contribution: Development of the traffic operations analysis report (TOAR) and review of the traffic sections of the EIR/EA.

5.6 LSA ASSOCIATES, INC.

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

Ryan Villanueva, Senior Biologist, B.S. in Biology; B.A. in Environmental Studies, University of California, Santa Cruz. Twenty-one years of experience in biological resources and natural resource management, including preparation of JD, NES, and biological resources surveys. Contribution: Quality control review and oversight of the NES, JD, and environmental document sections.

5.7 MONUMENT CONSULTING

Kelsey Kaszas, Senior Analyst, B.A. in Environmental Studies and Geography; minor in Geospatial Information Systems and Remote Sensing, University of California, Los Angeles. Fifteen years of experience in right-of-way and relocation impact analysis. Contribution: Relocation impact report preparation.

B.J. Swanner, Right-of-Way Technical Lead, B.A. in Geography, University of California, Los Angeles. Nineteen years of experience in right-of-way and relocation impact analysis. Contribution: Quality review and oversight of the relocation impact report.

5.8 STANTEC CONSULTING SERVICES INC.

Kevin K. Miskin, Principal Engineer (CA#48458), B.S. in Civil Engineering, Brigham Young University, Provo; M.S. in Civil Engineering, Purdue University. Thirty-eight years of experience in the environmental and geotechnical industry. Contribution: Independent review of the initial site assessment.

Dion Monge, Senior Scientist, B.S. in Soil Science, California Polytechnic University, Pomona. Twenty-one years of experience in the environmental industry. Contribution: Preparation of the initial site assessment.

Anne Perez, Geologic Associate, B.S. in Geology, University of California, Riverside; M.S. in Geology, University of California, Riverside. Twenty-two years of experience in the environmental industry. Contribution: Preparation and quality check of the initial site assessment.

5.9 TATSUMI AND PARTNERS, INC.

Jennifer Taira, Landscape Architect, B.S. in Landscape Architecture, California Polytechnic State University, San Luis Obispo. Twenty-eight years of experience in environmental planning and permitting. Contribution: Supplemental visual impact report.

5.10 VCS ENVIRONMENTAL

Wade Caffrey, Office Leader (Technical Director), B.S. in Biology, San Diego State University. Sixteen years of experience in biological resources and natural resources management, including preparation of JD, NES, and biological resources surveys. Contribution: Oversight of preparation of the NES-MI and JD.

Sierra Vallardes, Senior Project Manager/Managing Consultant, M.A. in Conservation Biology, Miami University; B.S. in Biology, California State University, Long Beach. Seven years of experience in biological resources and natural resources management, including preparation of JD, NES, and biological resources surveys. Contribution: Prepared NES-MI, JD, biological sections of the environmental document and conducted general biological surveys.

Willa Sumar, Senior Project Manager/Managing Consultant, Master of Urban and Regional Planning (MURP), University of California, Irvine; B.A. in Environmental Studies, Fordham University. Twelve years of experience in advanced GIS applications and technology integration. Contribution: Preparation of NES-MI, JD, and biological sections of the environmental document.

Eric Turner, Director of Environmental Services/Senior Technical Consultant, M.U.R.P., California Polytechnic University, Pomona; B.A. in History, University of California, San Diego. Fourteen years of experience in preparing and processing environmental documents. Contribution: Oversight of preparation of the biological sections for the environmental document.

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