

11 LIST OF PREPARERS

11.1 California High-Speed Rail Authority

Project Role	Name, Credentials	Qualifications
Chief Executive Officer	Ian Choudri	30+ years of experience M.B.A., Purdue Global B.S., Electrical and Electronics Engineering B.A., Economics
Former Chief Executive Officer	Brian P. Kelly	25 years of experience B.A. Government/Journalism, California State University, Sacramento
Southern California Regional Director	LaDonna DiCamillo	30+ years of experience J.D., University of La Verne, College of Law B.S., Chemistry, Washburn University, Topeka
Regional Delivery Manager	Noopur Jain, P.E., S.E.	19 years of experience M.S., Structural Engineering, Gujarat University B.S., Civil Engineering, Vikram University
Former Regional Director	Michelle Boehm	20+ years of experience B.A. History, California State University, Long Beach
Southern California Deputy Regional Director	Beverly Kenworthy	22 years of experience M.P.P., Public Policy, University of Southern California B.A., American Literature, University of Southern California
Director of Environmental Services	Stefan Galvez-Abadia	35 years of experience B.A., Geography, Texas State University, San Marcos
Former Director of Environmental Services	Mark McLoughlin	33 years of experience B.S., Ornamental Horticulture, Landscape Construction, California Polytechnic State University, San Luis Obispo
Former Senior Transportation Engineer, Contract Manager	Walid Khalife, P.E.	35 years of experience B.S., Mechanical Engineering, University of Tennessee Knoxville
Deputy Director of Environmental Services	Scott Rothenberg	17 years of experience B.A., Environmental Policy, Bowling Green State University
NEPA Assignment Manager/Former Cultural Resource Program Manager	Brett Rushing	24 years of experience M.A., Anthropology, San Francisco State University B.A., Anthropology, Louisiana State University
Cultural Resources Specialist	Amy MacKinnon	14 years of experience M.A., Anthropology, California State University, Chico B.A., English, University of California, Davis

B.A. = Bachelor of the Arts; B.S. = Bachelor of Science; J.D. = Juris Doctor; M.A. = Master of Arts; M.P.P. = Master of Public Policy; M.S. = Master of Science; NEPA = National Environmental Policy Act; P.E. = Professional Engineer; S.E. = Structural Engineer

11.2 List of Preparers

Project Role	Name, Credentials	Qualifications
Project Management Team		
Project Manager	Simon Tse, P.E.	25 years of experience B.S., Civil Engineering, University of British Columbia
Former Project Manager	Joy Pinne, P.E., PMP	31 years of experience B.S., Civil Engineering, Chico State University
Former Project Manager	Diane Ricard	35 years of experience M.S., Transportation, Massachusetts Institute of Technology B.A., Mathematics, American International College
Deputy Project Manager	Maritza Acosta, P.E.	40 years of experience B.S., Civil Engineering, Universidad Nacional Pedro Henriquez Urena
Former Assistant Project Manager (Environmental)	Ian Kroll, Ph.D.	10 years of experience Ph.D., Marine Sciences, University of North Carolina at Chapel Hill B.A., Biological Sciences, Vassar College
Former Los Angeles to Anaheim Environmental Manager	Harry Boxler, AICP	24 years of experience M.C.P., City Planning, Georgia Institute of Technology B.A., Sociology, University of Wisconsin-Madison
Assistant Project Manager (Engineer)	Lijia Zhang, P.E., PMP	28 years of experience M.S., Civil Engineering, State University of New York-Buffalo B.S., Engineering Mechanics, Tsinghua University
Assistant Project Manager (Engineer)	Jamal Al-Mashat, P.E.	37 years of experience M.S., Urban Planning, Wayne State University B.S., Civil/Structural Engineering, University of Detroit
Former Rail Operations Supervisor	Paul Hebditch	33 years of experience B.S. Mathematics and Business Management, University of Warwick
Program Delivery Services		
Deputy Program Environmental Director	Aaron Carter	19 years of experience B.A., Geography, California State University (Fullerton)
Deputy Assistant Environmental Services Manager/Permitting Manager	Sue Meyer	21 years of experience J.D., University of California at Los Angeles, College of Law M.A., Philosophy, University of North Carolina at Chapel Hill B.A., Philosophy and Mathematics, Occidental College
S. California Regional Environmental Manager	Jean Lafontaine	26 years of experience B.A., Environmental Analysis and Design, University of California Irvine
Senior CEQA/NEPA SME	Jerry Flores	24 years of experience B.S., Urban Planning, California Polytechnic State University

Project Role	Name, Credentials	Qualifications
Senior CEQA/NEPA SME	Jessica Fernandes	15 years of experience M.Ed. Cross Cultural Education B.A., Environmental Studies, University of California, Santa Barbara
Senior CEQA/NEPA SME	Jennifer Gallerani	20 years of experience M.S., Environmental Management, University of San Francisco B.S., Psychobiology, Hiram College
Senior CEQA/NEPA SME	Anne Winslow	13 years of experience M.S., Earth Systems, Stanford University B.S., Earth Systems, Stanford University
Former Senior CEQA/NEPA SME	Jeff Thomas	30 years of experience B.S., Ornamental Horticulture, California Polytechnic University, San Luis Obispo
Aesthetics SME	Shannon Ledet	18 years of experience M.P.L., Master of Planning, emphasis in Social and Community Development, University of Southern California B.A., Sociology, Minor in Geography, California State University, Long Beach
Former Archaeology SME	Kathleen Kubal	18 years of experience M.A., Cultural Resource Management, Sonoma State University
Archaeology SME	Jay Rehor	25 years of experience M.A., Cultural Resource Management, Sonoma State University B.A., Anthropology/Earth Sciences, University of California, Santa Cruz
Architectural Historian SME	Chandra Miller	16 years of experience M.A., Public History, California State University, Sacramento B.A., History, Humboldt State University
Air Quality SME	Mary Kaplan	22 years of experience B.S., Meteorology, St. Louis University M.S., Environmental Science, University of Massachusetts (Lowell)
Air Quality SME	Bill Tillar	30 years of experience M.S., Atmospheric Sciences, Air Pollution Meteorology, University of Michigan B.S., Atmospheric Sciences, Creighton University
Air Quality SME	Christopher Warren	17 years of experience M.S., Applied Meteorology, Plymouth State University B.S., Meteorology, Millersville University of Pennsylvania

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Air Quality SME	Paola Pena	9 years of experience B.S., Environmental Systems – Environmental Chemistry, University of California, San Diego
Air Quality SME	Alexandra Haisley	5 years of experience B.S., Environmental Engineering, University of California, San Diego
Biology SME	Matthew Bettelheim	22 years of experience B.S., Science: Ecology, Behavior, and Evolution, University of California, San Diego
Environmental Justice SME and Socioeconomics SME	Jaime Guzman	17 years of experience M.A., Urban Planning, University of California, Los Angeles B.S., Biology, Cornell University
Geology SME	Stephen Huang	35 years of experience M.S., Civil Engineering/Geotechnical Engineering, University of California, Berkeley B.S., Civil Engineering, University of Illinois, Urbana-Champaign
Former Geology SME	Hossein Changani	20 years of experience M.S., Mining Engineering (Rock Mechanics), University of Utah
Geology SME	Anne-Marie Moore	32 years of experience M.S.E., Civil Engineering (Geotechnical), Arizona State University B.S.E., Civil Engineering, Arizona State University
Geology SME	Neville Su	26 years of experience M.S., Civil Engineering, Stanford University B.S., Civil Engineering, National Taiwan University
Geology/Tunneling SME	Mike Wongkaew	24 years of experience Ph.D., Civil Engineering, Purdue University M.S., Civil Engineering, Purdue University B.S.C.E., Civil Engineering, Purdue University
Hazardous Materials SME/Professional Geologist	Laurie Fernandez, P.G.	34 years of experience M.S., Geology and Geophysics, University of Hawaii B.A., Geology, University of California, Santa Barbara
Hazardous Materials and Waste SME	Agata A. Sulczyńska, J.D.	30 years of experience J.D., Environmental Law, Land Use, Public Interest, University of San Francisco School of Law B.A., Social Ecology, University of California (Irvine)
Hydrology and Water Resources SME	Amy Gardner, QISP ToR	21 years of experience M.A.S., Tropical Marine Ecology/Fisheries Biology, James Cook University B.S., Biology, Ohio University

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Hydrology SME	Jimmy Medellin	24 years of experience B.S., Environmental Engineering, Massachusetts Institute of Technology
Hydrology SME	Joseph Dluzak	20 years of experience B.S.C.E., Civil Engineering, Loyola Marymount University
NEPA Assignment Coordinator	Susan Anderson, AICP	30 years of experience B.S. Geography, Environmental Planning, Radford University
NEPA Assignment Coordinator	Erin Lee, ENV SP	19 years of experience M.S., Oceanography, Texas A&M University B.S., Microbiology, Texas A&M University
Former NEPA Assignment Coordinator	Anne Ferguson	22 years of experience M.S., Environmental Sustainability, University of Edinburgh B.S., Natural Resource Recreation and Tourism, Colorado State University
NEPA Assignment Coordinator	LeAnn Waletzko, AICP	24 years of experience M.C.R.P., City and Regional Planning, Rutgers University B.S., Land Management, University of Wisconsin
NEPA Assignment Coordinator	Paulette Vander Kamp	28 years of experience B.S., Civil Engineering, Southern Polytechnic State University
NEPA Assignment Coordinator	Mark Cheskey	36 years of experience B.S., Environmental Resource Management, Pennsylvania State University
NEPA Assignment Coordinator	Scott Bressler, AICP	25 years of experience M.U.R.P., Urban and Regional Planning, University of Colorado, Denver B.S., Urban Studies, Metropolitan State University of Denver
NEPA Assignment Coordinator	Valerie Porter	23 years of experience M.B.A., Business Administration, University of Utah B.S., Biology, Westminster University
NEPA Assignment Coordinator	Anne Minihan, AICP	15 years of experience J.D., University of Georgia, School of Law B.A., American Studies, Emory University
NEPA Assignment Coordinator	Vic Blackwell, P.E., ENV SP	14 years of experience M.Eng., Environmental Engineering, Penn State University B.S., Civil and Environmental Engineering, North Carolina State University
NEPA Assignment Coordinator	Ian Sims, AICP	12 years of experience M.S., Civil and Environmental Engineering, University of Nevada, Reno B.S., Biology, University of Nevada, Reno

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Former NEPA Assignment Coordinator	Jesse Kahler	23 years of experience B.S., Environmental Science, University of Phoenix
Noise SME	Paul Burge, INCE Board Certified	35 years of experience M.S., Acoustical Engineering, California State University, Long Beach B.S., Mechanical Engineering, California State University, Long Beach
Traffic SME	Nak Kim, P.E.	24 years of experience B.S., Civil Engineering, Arizona State University
Rail Delivery Partner (Former)		
Former Air Quality and Climate Change Reviewer	Alice Lovegrove	30 years of experience M.S., Environment and Waste Management, Stony Brook University B.S., Engineering Science/Environmental, Biomedical, Stony Brook University
Former Air Quality and Climate Change, Reviewer	Edward Tadross	18 years of experience B.A., Environmental Studies, Tulane University B.A., Earth Sciences, Tulane University
Former Biological Resources Reviewer	Steve Letterly	38 years of experience M.S., Urban and Regional Planning, California State Polytechnic University, Pomona B.S., Urban and Regional Planning, California State Polytechnic University, Pomona
Former Deputy Director of Environmental Services	Lisa G. Nungesser, Ph.D.	37 years of experience Ph.D., Community and Regional Planning and Geography, University of Texas M.S., Environmental Management, University of Texas, San Antonio B.A., Plan II, University of Texas
Former Regional Engineer	Jerry Romana, P.E.	28 years of experience B.S., Civil Engineering, University of California, Irvine
Former Regional Growth, Socioeconomics Communities, Environmental Justice Reviewer	Betsy Minden, AICP	30+ years of experience M.A., Urban Planning, University of Washington B.A., Biology, Smith College
Former Safety and Security, Project Costs and Operations Reviewer	Bryan K. Porter, AICP	30+ years of experience B.A., Political Science, University of California, Berkeley M.A., Public Administration, California State University, Sacramento

Project Role	Name, Credentials	Qualifications
Former Section 4(f) Reviewer	Jennifer Rabby	16 years of experience M.C.R.P., Community and Regional Planning, University of Oregon B.A., Biology and Environmental Studies, Lewis and Clark College
Former Senior Planner, Stations	Karl Fielding, AICP	8 years of experience M.P.L., Planning (Transportation and Infrastructure), University of Southern California B.A., Environmental Studies, University of Southern California
Former Senior Technical Specialist	Mark Chang	19 years of experience M.S., Transportation, Massachusetts Institute of Technology B.S., Civil Engineering, University of California Berkeley
Former Southern Regional Director	Susan Gygi	27 years of experience M.S., Civil Engineering, University of Washington Graduate Certificate, Urban Planning, University of Washington B.S., Civil Engineer, University of Utah
Former Transportation Reviewer	Don Hubbard, T.E., AICP	37 years of experience M.C.P., City Planning, Harvard University B.S., Engineering Science, Northwestern University
Former Tunnels and Geotechnical Engineer	Raghu Bhargava, C.P.E.	22 years of experience M.E., Indian Institute of Technology B.E., Indian Institute of Technology
Regional Consultant Environmental Team		
Project Manager	Tyler Bonstead, P.E., AICP	20 years of experience M.S., Master of Science, University of California, Irvine B.S., Civil Engineering, Columbia University
Environmental Manager	Josh Channell, AICP	21 years of experience M.A. Urban and Environmental Policy and Planning, Tufts University B.A. History, University of Southern Maine
Former Environmental Manager	Ali Mir, ENV SP	20+ years of experience B.S., Public Policy, Management, and Planning, University of Southern California
Former Environmental Manager, Senior QA/QC Reviewer	Deborah Connor, ENV SP	20 years of experience Master Candidate in Regenerative Studies, California State Polytechnic University, Pomona B.S., Urban and Regional Planning, California State Polytechnic University, Pomona
Former Environmental Program Manager	Michael Amling	30+ years of experience B.A., Urban and Regional Planning, California State Polytechnic University, Pomona

Project Role	Name, Credentials	Qualifications
Former Project Senior Support	Anthony DeJulio	30+ years of experience Post-Graduate Work, Environmental Studies, California State University, Fullerton B.S., Environmental Science, University of California, Riverside
Environmental Deputy Manager, Senior QA/QC	John Cook	25+ years of experience M.C.P., University of California, Berkeley B.A., American Studies, Colby College
Former Environmental Deputy Manager, Senior QA/QC	Debra Einstein Leight	24 years of experience B.A., Environmental Analysis and Design, University of California, Irvine
Environmental Deputy Manager, Senior QA/QC	Jennifer Andersen, AICP	14 years of experience B.A., International Relations, University of Southern California
Project Coordinator and Task Manager, Author, QA/QC	Mabel Chan	8 years of experience M.A., Environmental Studies, University of Southern California B.S., Environmental Studies, University of Southern California
Former Project Coordinator and Task Manager; Former Author; Senior QA/QC	Monica Corpuz Garcia, M.A., RPA	18 years of experience M.A., Public Archaeology, California State University, Northridge B.A., Anthropology, University of California, Berkeley
Senior Planner, QA/QC	Doreen Zhao, AICP	11 years of experience M.U.R.P., Urban and Regional Planning, University of California, Los Angeles B.S., Business Management, Arizona State University
Planner, QA/QC, Purpose and Need, Alternatives Author	Mia Logg, AICP	5 years of experience M.U.R.P., Design and Development, Transportation Policy, and Planning, University of California, Los Angeles B.A., Environmental Studies, Mount Holyoke College
Planner, QA/QC	Joe Baucum	5 years of experience M.A., Journalism, University of Texas at Austin B.A., English Literature, University of Texas at Arlington
Planner, QA/QC, Purpose and Need, Alternatives Author	Alexis Morris	3 years of experience M.A., City Planning, San Diego State University B.A., Urban Studies, San Diego State University A.A., Geography, Pierce College
Former Planner, Purpose and Need Author	Brittany Montano	2 years of experience B.A., History and Labor Studies, University of California, Los Angeles
Senior Planner, QA/QC	Cade Hobbick, AICP, LEED AP	30 years of experience M.U.P., Planning, University of Kansas, Lawrence B.A., Architectural Studies; B.A., Environmental Studies, University of Kansas, Lawrence

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Former Senior Planner, QA/QC	Jamie Lake, AICP, PTP	20+ years of experience M.A., Geography and Environmental Planning, Towson University B.S., Geography and Environmental Planning, Towson University
Senior Planner, QA/QC	Rex Lloyd	40 years of experience B.S., Geography, University of Maryland, College Park
Former QA/QC Reviewer	Paul Menaker	30+ years of experience Ph.D., Transportation Planning & Traffic Engineering, Polytechnic Institute of New York M.S., Transportation Planning & Traffic Engineering, Polytechnic Institute of New York B.S., Systems Engineering, Polytechnic Institute of Brooklyn
Former Architect, Visual Simulations for Aesthetics and Visual Quality Technical Report	Edgar Reyes	5 years of experience M.S., Architecture, University of Idaho B.S., Architecture, University of Idaho
Former Architect, Visual Simulations for Aesthetics and Visual Quality Technical Report	David Sin	17 years of experience M.S., Architecture, Columbia University B.S., Architecture, Woodbury University
Lead Technical Editor	Elizabeth Irvin	20+ years of experience B.A., English, University of California, Irvine
Primary Technical Editor	Saadia Byram	30+ years of experience
Author, Public Utilities, Socioeconomics, Community Impacts, Environmental Justice	Amber Cozad	6 years of experience B.S., Environmental Economics and Policy, UC Berkeley
GIS Lead	Brittany Buscombe	24 years of experience B.A., Environmental Analysis and Design, University of California, Irvine
GIS Specialist	Brent Read	16 years of experience M.S., Watershed Science, Colorado State University B.S., Forestry; Minor in Spatial Information Management Systems, Colorado State University
GIS Specialist	Teal Zeisler	14 years of experience B.A., Environmental Studies, Bucknell University
Former Geological Resources, Author; Hazardous Waste and Materials, Primary Author; Paleontological Resources, Author; Agriculture, Support	Diana Roberts	25+ years of experience M.A., Linguistics, Cornell University B.S., Applied Psychology, Georgia Institute of Technology

Project Role	Name, Credentials	Qualifications
Former Air Quality/ Climate Change, Support	David Ernst	40+ years of experience M.C.R.P., Harvard University B.S., Urban Systems Engineering, Brown University B.A., Ethics and Politics, Brown University
Former Air Quality and Climate Change, Health Risk Assessment Author	Keith Cooper	25+ years of experience M.B.A., Mount Saint Mary's University M.U.R.P., University of California, Los Angeles B.S., Business Administration, California State University Dominguez Hills
Former Air Quality and Climate Change, Health Risk Assessment Author	Blake Barroso	9 years of experience M.S., Civil Engineering, University of Washington B.S., Environmental Science, California Lutheran University
Air Quality and Climate Change, Author	Ryan Hallman	7 years of experience B.S., Environmental Science with a Concentration in Environmental Engineering, University of California, Los Angeles
Air Quality and Climate Change, Health Risk Assessment Author	Pierre Glaize	10 years of experience B.S., Meteorology with a Concentration in Climate Science, San Jose State University
Former Archaeologist, Primary Author	Stephen Bryne, RPA	30+ years of experience M.S., Anthropology, Florida State University, Tallahassee, Florida B.A., Anthropology, Florida State University, Tallahassee, Florida
Archaeologist, Primary Author	Karolina Chmiel, M.A.	17 years of experience B.S., Anthropology, Loyola University Chicago, Chicago Illinois M.A., Anthropology, Northern Arizona University, Flagstaff, Arizona
Cultural Resources (Built Historic) Lead Author	Margaret Roderick	7 years of experience Master of Heritage Conservation, University of Southern California M.A., Art History, Florida State University B.A., Art History and Criticism, University of California, San Diego
Cultural Resources (Built Historic) Author	Timothy Yates, Ph.D.	19 years of experience Ph.D., U.S. History, University of California, Davis M.A., American Studies, California State University, Fullerton B.A., American Studies, University of California, Santa Cruz
Aquatic Resources and Regulatory Permitting, Author; Biological Resources, Support	John Markham, PWS	20+ years of experience M.P.H., Environmental Health Science, University of California, Los Angeles B.A., Biological Sciences, Colorado College

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Biological Resources, Author; Aquatic Resources, Support; Aquatic Resources and Regulatory Permitting, Support	Shelly Dayman	20+ years of experience B.S., Ecology, University of Calgary, Canada
Former Station Planning, Land Use, and Development Author	Kristi Black	16 years of experience J.D., University of California, Berkeley, School of Law, Berkeley B.A., Earth Science, Minor, Economics, San Jose State University
Station Planning, Land Use, and Development Author	Trevor Withrow	2 years of experience B.A., Environmental Studies, University of California, Santa Barbara M.A., Urban and Regional Planning, University of Florida
Former Cost and Operations, Author	Debra Rogers	20+ years of experience M.B.A., Kenan Flagler Business School-University of North Carolina, Chapel Hill B.S., Business Administration, Villanova University
Former Cultural Resources, Author	Daniel Paul	20+ years of experience M.A., Art History, California State University, Northridge B.A., Art History, California State University, Fullerton Historic Preservation Short Course Certificate, University of Southern California
Cultural and Paleontological Resources Support	Karen Crawford, M.A., RPA	20+ years of experience M.A., Anthropology, University of California, Davis B.A., Anthropology, California State University, Long Beach Registered Professional Archaeologist
Former Cultural Resources QA/QC Reviewer	Richard Starzak	40+ years of experience M.A., Architecture with an emphasis on History, Criticism and Analysis, University of California, Los Angeles B.A., Biology, Brown University
Cultural Resources GIS	Melissa Cascella	16 years of experience M.A., Cultural Resources Management, Sonoma State University B.S., Anthropology, University of California, Riverside B.A., History, University of California, Riverside
Former Cumulative, Author; Public Utilities and Energy, Author	Merin Swenson	13 years of experience B.S., Environmental Science, University of Utah
Cumulative Impacts, Author	Nicky Cuevas Leber	8 years of experience B.A., Urban Studies, University of California, Irvine

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EMI/EMF, Author	Matthew Reid	5 years of experience B.S.E., Acoustical Engineering, University of Hartford
EMI/EMF Support	Ahmad Bayat, P.E.	30+ years of experience M.S., Civil Engineering, University of Houston B.S., Civil Engineering, University of Houston
Hazardous Materials, Author	Mario Barrera	20+ years of experience B.S., Engineering Technology, California State University, Long Beach
Geological Resources and Soils, Author	Kara Palm	20+ years of experience M.P.A., Natural Resources Management, Montana State University B.A., Sociology, Michigan State University
Hazardous Materials Technical Report, Author	Joseph DeMarco	8 years of experience M.P.A., Environmental Science and Policy, Columbia University B.S., Chemistry, Westmont College
Hazardous Materials Technical Report, Author, Professional Geologist	Ellen Smith	20+ years of experience B.S., Geology, Occidental College
Geological Resources and Soils Technical Report, Author	David L. Perry, P.G., C.E.G.	36 years of experience M.S., Geology, California State University, Los Angeles B.A., Geological Sciences, University of California, Santa Barbara
Geological Resources and Soils Technical Report, Support; Hazardous Materials Technical Report, Support	Perry Maljian, P.E., D.G.E.	50 years of experience M.S., Civil Engineering, University of California, Los Angeles B.S., Civil Engineering, American University of Beirut, Lebanon
Geological Resources and Soils Technical Report, Support	Hari Ponnaboyina, P.E., D.G.E.	17 years of experience M.S., University of Cincinnati, Ohio B.E., Osmania University, India
Former Hazardous Materials Technical Report, Author	Matt Fraychineaud, P.G.	31 years of experience B.S., Engineering Geology, University of California, Los Angeles
Hydrology and Water Resources, Author	Katrina Sukola	15 years of experience M.S., Chemistry, University of Manitoba B.S., Environmental Chemistry, University of Waterloo

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Hydrology and Water Resources Technical Report, Author	Katie Harrel, P.E., ENV SP, QSD	12 years of experience M.S., Civil Engineering, California State University, Long Beach B.S., Civil Engineering, California State University, Long Beach
Hydrology and Water Resources Technical Report, Support	William Young, P.E.	40+ years of experience B.S., Civil Engineering, California State Polytechnic University, Pomona
Noise and Vibration, Author	David A. Towers, P.E.	40+ years of experience M.S., Mechanical Engineering, Purdue University B.S., Mechanical Engineering, Columbia University
Noise and Vibration, Support	Lance D. Meister, EIT	26 years of experience B.S., Civil Engineering, Temple University
Former Regional Growth-Planning, Author	Misbah Rashid, J.D.	20+ years of experience J.D., Doctor of Law, Lewis and Clark Law School B.A., Law & Society, University of California, Irvine B.A., Environmental Design, University of California, Irvine
Former Regional Growth-Economist, Author	Jon Hecht	20+ years of experience Ph.D., Environmental Economics and Policy, Duke University M.A., Environmental Management, Natural Resource Economics, Duke University B.A., Interdisciplinary Studies, University of California, Berkeley
Regional Growth, Economist	Jonathon Lee, M.A.	19 years of experience M.A., Applied Economics, Northeastern University B.A., Economics, University of Massachusetts
Relocations, Author	Candace Freeman	7 years of experience B.A., Geography and GIS Certification, University of Missouri Kansas City, Kansas City, Missouri
Relocations, Support	Kari Anvick	12 years of experience B.A., Psychology California Baptist University, Riverside
Safety and Security, Author	Robert Lanza, P.E.	40+ years of experience M.S., Chemical Engineering, Cornell University B.S., Chemical Engineering, Cornell University
Section 4(f) and 6(f) Lead Author	Marya Samuelson, PMP	12 years of experience B.A., Environmental Studies, Washington University in St. Louis M.B.A., Project Management, Capella University

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Section 4(f) and 6(f), Support	Monica Cozzella Carvalho	1 year of experience B.A., Communication, University of California San Diego M.S., Environment Politics and Society, University College London
Section 4(f) and 6(f), Support	Savannah Marburger	2 years of experience B.S., Environmental Earth and Soil Science, California Polytechnic State University San Luis Obispo
Transportation, Primary Author	Shadi Hakimi	20 years of experience M.S., Civil Engineering, University of Texas at Austin B.S., Civil Engineering, University of Colorado
Transportation, Author	Abe Yarney, Ph.D., P.E., PTOE	20+ years of experience Ph.D., Transportation Engineering, University of Florida M.S., Construction Management and Engineering, University of Florida M.S., Transportation Planning and Engineering, University of Leeds, UK B.S., Civil Engineering, Kwame Nkrumah University of Science and Technology, Ghana
Transportation, Author	Atani Tchessi	7 years of experience M.S., Physics, National University of Lome, Togo B.S., Civil Engineering, Grove School of Engineering at City College of New York
Transportation, Author	Jose Rivas	3 year of experience B.S., Aerospace Engineering, Texas A&M University at College Station
Planner, Transportation EIR/EIS Section Author	Jesse Budlong, ENV SP, AICP	7 years of experience Bachelor of Science, Urban and Public Affairs; University of Illinois at Chicago
Former Transportation, Primary Author	John C. Merrill, P.E., T.E.	20+ years of experience M.S.E., Civil Engineering, University of Nevada, Las Vegas B.S.E., Construction (Civil) Engineering, Western Michigan University
Former Transportation, Author	Sihua Song	6 years of experience M.S., Civil Engineering, Northeastern University B.S., Transportation Management, Dalian Maritime University, China
Former Transportation, Support	Dr. Mohammad A. Qureshi, P.E., T.E.	30+ years of experience Ph.D., Civil Engineering, University of Tennessee M.S., Civil Engineering, University of California, Berkeley B.S., Civil Engineering, University of California, Berkeley

A.A. = Associate of Arts; AICP = American Institute of Certified Planners; B.A. = Bachelor of the Arts; B.E. = Bachelor of Engineering; B.S. = Bachelor of Science; B.S.C.E. = Bachelor of Science in Civil Engineering; B.S.E. = Bachelor of Science in Engineering; C.E.G. = Certified Engineering Geologist; CEQA = California Environmental Quality Act; C.P.E. = Certified Professional Engineer; D.GE = Registered Geotechnical Engineer; EIR = environmental impact report; EIS = environmental impact statement; EIT = Engineer in Training; EMI/EMF = electromagnetic

interference/electromagnetic fields; ENV SP = Envision Sustainability Professional; GIS = geographic information systems; INCE = Institute of Noise Control Engineering; J.D. = Juris Doctor; LEED AP = Leadership in Energy and Environmental Design Accredited Professional; M.A. = Master of Arts; M.A.S. = Master of Applied Science; M.B.A. = Master of Business Administration; M.C.P. = Master of City Planning; M.C.R.P. = Master of City and Regional Planning; M.E. = Master of Engineering; M.Ed. = Masters of Education; M.P.A. = Master of Public Administration; M.P.H. = Master of Public Health; M.P.L. = Master of Planning; M.S. = Master of Science; M.S.E. = Master of Science in Engineering; M.U.P. = Master of Urban Planning; M.U.R.P. = Master of Urban and Regional Planning; NEPA = National Environmental Policy Act; P.E. = Professional Engineer; P.G. = Professional Geologist; Ph.D. = Doctor of Philosophy; PMP = Project Management Professional; PTOE = Professional Traffic Operations Engineer; PTP = Professional Transportation Planner; PWS = Professional Wetland Scientist; QA/QC = quality assurance/quality control; QISP = Qualified Industrial Stormwater Practitioner; QSD = Qualified Stormwater Pollution Prevention Plan Developer; RPA = Registered Professional Archaeologist; SME = subject matter expert; T.E. = Traffic Engineer; ToR = Trainer of Record