

11 LIST OF PREPARERS

Project Role	Name, Credential	Qualifications
California High-Speed Rail Authority		
Chief Executive Officer	Brian P. Kelly	24 years of experience B.A., Government/Journalism, California State University, Sacramento
Chief Counsel	Thomas Fellenz, P.E., J.D.	34 years of experience J.D., McGeorge School of Law, University of the Pacific B.S., Civil Engineering, University of California, Davis
Regional Director	Michelle Boehm	20+ years of experience B.A., History, California State University, Long Beach
Director of Environmental Services	Mark McLoughlin	32 years of experience B.S., Ornamental Horticulture, Landscape Construction, California Polytechnic State University, San Luis Obispo
Federal Railroad Administration¹		
Chief, Environmental and Corridor Planning	Marlys Osterhues	18 years of experience B.A., Environmental Studies, University of California, Santa Barbara
Environmental Team Lead, Western US	Stephanie B. Perez-Arrieta, P.G.	26 years of experience B.S., Geology, Virginia Polytechnic Institute and State University
Project Management Team—Rail Delivery Partner		
Aesthetics and Visual Quality Reviewer	Larissa King Rawlins, AICP	18 years of experience B.A., Environmental Planning, Western Washington University
Agriculture/Farmland Reviewer	Amanda Olekszulín	18 years of experience M.A., Business Administration, California State University, Sacramento B.S., Marine Science, with Minor in Environmental Studies, University of San Diego
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
Air Quality and Climate Change Reviewer	Edward Tadross	18 years of experience B.A., Environmental Studies, Tulane University B.A., Earth Sciences, Tulane University
Biological Resources Reviewer	Steven Lane	22 years of experience M.S., Botany, Miami University B.A., Biology, McDaniel College

¹ The Federal Railroad Administration was involved in the preparation of the Burbank to Los Angeles Project Section Draft EIR/EIS but did not approve it prior to publication.

Project Role	Name, Credential	Qualifications
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
Burbank to Los Angeles Deputy Project Manager	Todd Nguyen	4 years of experience B.S., Policy, Planning and Development/Architecture, University of Southern California
Burbank to Los Angeles Environmental Manager	Jaime Guzman	12+ years of experience M.A., Urban Planning, University of California, Los Angeles M.S., Biological Science, University of California, Berkeley B.S., Biological Science, Cornell University
Burbank to Los Angeles Environmental Manager	Harry Boxler	24 years of experience M.A., City Planning, Georgia Institute of Technology B.S., Sociology, University of Wisconsin
Cultural Resources Reviewer	Meg Scantlebury	18 years of experience M.A., Historic Preservation, Goucher College B.S., Environmental Design, University of California, Davis
Cumulative Impacts Reviewer	Sydney Coatsworth	30 years of experience M.A., Geography, University of California, Los Angeles B.A., Earth Science, California State University, Northridge
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
EMI/EMF Reviewer	David Turner	40 years of experience B.S., Electrical Engineering, University of California, Berkeley
Geology, Soils, and Seismicity Reviewer	Julia Bosma	25 years of experience M.S., Geological Sciences, Mackay School of Mines M.S., Environmental Policy and Management, University of Denver B.S., Geological Sciences, University of Washington
Hazardous Materials and Wastes Reviewer	Adam Heft, C.P.G.	24 years of experience M.S., Geology, Michigan State University B.S., Geology and Earth Science, Central Michigan University

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Hydrology Reviewer, Public Utilities/Energy Reviewer	Ashley Orsaba-Finders	14 years of experience M.A., Business Administration, Drexel University B.S., Civil Engineering, California State University, Sacramento
Lead Cultural Resources Specialist	Jeff Carr	17 years of experience M.S., Architectural Studies, Iowa State University M.A., Anthropology, Iowa State University B.A., Anthropology, Iowa State University
Noise and Vibration Reviewer	Kevin Keller, AICP	27 years of experience B.A., Geography, California State University, Fullerton
Parks and Recreation/Open Space Reviewer	Curtis Alling	35 years of experience M.A., Recreation Resources Planning and Development, Texas A&M University B.S., Wildlife Science, Cornell University
Permitting Specialist	Amy Glad, J.D.	36 years of experience J.D. with Distinction, McGeorge School of Law M.C.P., City Planning, University of California, Berkeley B.A., Individually Designed Major, Stanford University
Project Manager	Diane Ricard	30 years of experience M.S., Transportation, Massachusetts Institute of Technology B.A., Mathematics, American International College
Regional Engineer	Jerry Romana, P.E.	28 years of experience B.S., Civil Engineering, University of California, Irvine
Regional Growth Reviewer	Betsy Minden, AICP	30+ years of experience M.A., Urban Planning, University of Washington B.A., Biology, Smith College
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
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
Senior Permitting Specialist	William Goggin	24 years of experience B.S., Wildlife, Humboldt State University

Project Role	Name, Credential	Qualifications
Senior Planner, Stations	Karl Fielding, AICP	8 years of experience M.P., Planning (Transportation and Infrastructure), University of Southern California B.A., Environmental Studies, University of Southern California
Senior Technical Specialist	Mark Chang	19 years of experience M.S., Transportation, Massachusetts Institute of Technology B.S., Civil Engineering, University of California, Berkeley
Socioeconomics/Communities, Environmental Justice Reviewer	Sharmila Mukherjee	20 years of experience M.A., Urban and Regional Planning, University of Illinois
Southern California Engineering Manager	Noopur Jain, P.E., S.E.	19 years of experience M.S., Structural Engineering, Gujarat University B.S., Civil Engineering, Vikram University
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
Transportation Reviewer	Don Hubbard, T.E., AICP	37 years of experience M.C.P., City Planning, Harvard University B.S., Engineering Science, Northwestern University
Tunnels and Geotechnical Engineer	Raghu Bhargava, C.P.E.	22 years of experience M. Eng., Indian Institute of Technology B. Eng., Indian Institute of Technology
Regional Consultant Environmental Team		
Acoustical Field Studies	Daniel Kaufman	1 year of experience B.A., Environmental Studies, University of California, Santa Barbara
Archaeologist, Archaeological Survey Report Contributor/ Author	Phil Fulton	30 years of experience B.A., Environmental Studies, University of California, Santa Barbara
Archaeologist, Archaeological Survey Report Contributor	Terri Fulton	32 years of experience B.A., Anthropology, University of California, Santa Barbara
Archaeologist, Archaeological Survey Report Contributor/ Author	Tim Jones	19 years of experience M.A., Cultural Resources Management, Sonoma State University
Architect, Visual Simulations for Aesthetics and Visual Quality Technical Report	David Sin	17 years of experience M.S., Architecture, Columbia University B.Arch, Woodbury University

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Architect, Visual Simulations for Aesthetics and Visual Quality Technical Report	Edgar Reyes	5 years of experience M. Arch, University of Idaho B.S., Architecture, University of Idaho
Architectural Historian, Historic Architectural Survey Report Contributor	Amanda Duane	8 years of experience B.A., Historic Preservation, Savannah College of Art and Design
Architectural Historian, Historic Architectural Survey Report Contributor	Laura Groves	3 years of experience M.S., Historic Preservation, Urban Planning, Columbia University B.S., Art History/Criticism, Architecture Studies, University of Arkansas
Assistant Environmental Manager, Aesthetics and Visual Quality Technical Report and Section Author	Janet Danker	7 years of experience M.U.R.P., Urban and Regional Planning, University of California, Irvine B.A., Urban Studies, University of California, Irvine
Assistant Environmental Planner, Socioeconomics and Communities Section Author, Environmental Justice Chapter Author, Parks, Recreation, and Open Space Section Co-Author	Charity Girard-Sanders	5 years of experience M.U.P., City University of New York, Hunter College (Concentration in Transportation and Environmental Planning) B.A., Psychology, with Minor in Chemistry, Gallaudet University, Washington, D.C.
Assistant Environmental Planner, Community Impact Assessment and Relocation Impact Report Contributor	Trevor Wimmer	3 years of experience B.A., Geography: Environmental Policy, San Diego State University
Assistant Environmental Planner, Cultural Resources Section Contributor, Community Impact Assessment and Relocation Impact Report Contributor	Andrea Bean, RPA	8 years of experience M.A., Anthropology (Archaeology Emphasis), California State University, Long Beach B.A., Anthropology, <i>summa cum laude</i> , University of California, Santa Barbara
Assistant Environmental Planner, Public Utilities and Energy Section Author	Sarah Halterman	2 years of experience M.A., Geography (Concentration in Soils and Biogeochemistry), University of California, Los Angeles B.S., Environmental Science and Policy (Concentration in Global Environmental Change), University of Maryland, College Park
Assistant Environmental Planner, Transportation Section Author	Patrick Kallas	2 years of experience B.S., City & Regional Planning, California Polytechnic State University, San Luis Obispo
Associate Architectural Historian, Historic Architectural Survey Report Contributor	Allison Lyons	10 years of experience M.S., Historic Preservation, Columbia University B.A., European Studies, Scripps College
Associate Environmental Planner, Section 4(f) Report Author	Allie Acuña	3 years of experience B.S., Environmental Science and Management, University of California, Davis

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Associate Environmental Planner, Transportation Section Contributor, Hazardous Materials and Wastes Section Author	Lisa Williams, REHS	18 years of experience M.S., Environmental Studies, California State University, Fullerton B.S., Biological Sciences, University of California, Irvine Certificate in Environmental Site Assessment and Remediation, University of California, Irvine, Extension
Associate, Hydrology and Water Resources Task Manager and Section Author, Cultural Resources Section Author, Cumulative Impacts Section Author	Nicole West, CPSWQ, QSD/QSP	18 years of experience in water quality, floodplains, fisheries, aquatic weed control, and transportation planning M.S., Civil and Environmental Engineering, University of California, Berkeley B.S. with Honors, Evolution and Ecology, University of California, Davis
Associate Preservation Planner, Historian, and Historic Architectural Survey Report Author	Jenna Kachour	14 years of experience M.P., University of Southern California B.S., Policy, Planning, and Management, University of Southern California
Associate/Senior GIS Specialist	Justin Roos	15 years of experience B.S., Geography, California Polytechnic State University, Pomona
Associate/Senior GIS Specialist	Greg Gallagher	17 years of experience B.S., Environmental Sciences, University of California, Riverside
Biologist, Aquatic Resources Delineation Report, Aquatic Resources Impact Memorandum, and Biological and Aquatic Resources Technical Report Author; Biological Resources Section Author	Bo Gould	5 years of experience B.A., Environmental Studies and Science, Whittier College
Environmental Manager	Ali Mir, ENV SP	16 years of experience B.S., Public Policy, Management, and Planning, University of Southern California
Senior Environmental Planner, QC Reviewer	Jayna Harris	18 years of experience in environmental planning and analysis B.A., Geography, California State University, Fullerton
Environmental Planner, Hydrology and Water Quality Section Co-Author	Bridget Lillis	6 years of experience in environmental planning and water quality B.S. with Honors, Environmental Management & Protection, California Polytechnic State University, San Luis Obispo
Senior Environmental Planner, Parks, Recreation, and Open Space Section Contributor	Christina Maxwell	5 years of experience in environmental planning and analysis B.A., Environmental Studies, University of San Diego

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Environmental Planner, Safety and Security Section Author	Autumn Galambos	4 years of experience M.A., City Planning, San Diego State University B.A., Social Science (Emphasis in Environmental Studies), San Diego State University
Geology, Soils, and Seismicity Technical Report Author/Contributor, Hazardous Materials and Wastes Technical Report Author/Contributor	Chaitanya Kukutla	3 years of experience M.S., Civil and Environmental Engineering, New Mexico State University
Geology, Soils, and Seismicity Technical Report Author/Contributor, Hazardous Materials and Wastes Technical Report Author/Contributor	Matt Dennerline, P.E., G.E.	13 years of experience B.S., Civil and Environmental Engineering, Carnegie Mellon University
Hazardous Materials and Wastes Technical Report Author/Contributor	Saul Cuautle	2 years of experience M.S., Civil Engineering, California State University, Fullerton B.S., Civil Engineering, California State University, Fullerton
Health Risk Assessment Author	Thomas Miller	45 years of experience B.S., Chemistry, Lewis and Clark College
Planner, Air Quality and Global Climate Change Section Author/Contributor	Cara Carlucci	5 years of experience B.S., City & Regional Planning, California Polytechnic State University, San Luis Obispo
Planner, QA/QC	Alvaro Gomez, AICP	4 years of experience, M.P.L., Planning, University of Southern California B.A., Economics, California State University, San Bernardino
Planner, QA/QC	David Schumacher	4 years of experience M.P.L., Planning, University of Southern California B.A., International Studies, Colby College
Planner, QA/QC, Purpose and Need Author	Doreen Zhao, AICP	6 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 Author	Dakota Gross	5 years of experience B.A., Urban Studies and Planning, San Francisco State University
Principal, Air Quality and Global Climate Change Technical Report QA/QC	Amy Fischer	20 years of experience B.S., Environmental Policy Analysis, with Minor in Geography, University of Nevada, Reno

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Principal Architectural Historian, Historic Architectural Survey Report Contributor	Andrea Galvin	24 years of experience M.S., Historic Preservation, University of Pennsylvania B.S., Environmental Design, University of California, Davis
Principal/Biologist, Biological Resources	Blake Selna	18 years of experience B.S., Environmental and Resource Sciences, University of California, Davis
Principal, Geology, Soils, and Seismicity Technical Report Author/Contributor	Lynn Calvert-Hayes, AICP	34 years of experience B.S., Geology, California State University, San Diego
Principal, Cumulative Impacts Section Contributor	Pam Reading	29 years of experience B.A., Environmental Studies/Political Science, University of Vermont M.A., Hydrology and Watershed Management, School of Forestry and Environmental Studies, Yale University
Principal, GIS	Zac Henderson	20 years of experience B.A., Environmental Studies/Geography, University of California, Los Angeles
QA/QC Environmental Manager	Rob McCann	36 years of experience B.A., Geography, California State University, Fullerton
Section 4(f)/6(f) Author	David Lewis	8 years of experience B.A., History, Northern Illinois University
Senior Acoustical Specialist, Noise and Vibration Technical Report Author	David Towers, P.E.	45 years of experience M.S., Mechanical Engineering, Purdue University B.S., Mechanical Engineering, Columbia University
Senior Acoustical Specialist, Noise and Vibration Technical Report Author	Lance Meister	24 years of experience B.S., Civil Engineering, Temple University
Senior Acoustical Specialist, Noise and Vibration Technical Report Task Manager	J.T. Stephens, E.I.T.	15 years of experience B.S., Acoustical Engineering, with Minor in Communications, Purdue University
Senior Air Quality Specialist, Health Risk Assessment Technical Report Author, Air Quality and Global Climate Change Section Author and Task Manager	Michael Slavick	28 years of experience B.S., Environmental Policy and Planning, University of California, Davis
Senior Air Quality Specialist, Air Quality and Global Climate Change Technical Report, Carbon Monoxide Hot-Spot Analysis	Ron Brugger	29 years of experience B.S., Mechanical Engineering, University of Wisconsin, Madison
Senior Associate, EMI/EMF Section Author	Matthew Sneddon	38 years of experience B.S., Physics, University of California, Santa Barbara

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Senior Biologist, Biological Resources, Aquatic Resources Delineation Report, Aquatic Resources Impact Memorandum, and Biological and Aquatic Resources Technical Report Contributor	Erin Martinelli	8 years of experience M.S., Environmental Studies, California State University, Fullerton B.A., Environmental Studies, California State University, Fullerton
Senior Environmental Planner, Community Impact Assessment and Relocation Impact Report Contributor, Station Planning, Land Use, and Development Section Author	Ryan Bensley, AICP	12 years of experience preparing CEQA/NEPA technical studies and environmental documents B.A., Geography (Specialization in Urban Planning and GIS), California State University, Long Beach
Senior Environmental Planner, Community Impact Assessment and Relocation Impact Report Task Manager, Socioeconomics and Communities Section Author, Regional Growth Section Author, Station Planning, Land Use, and Development Section Author, Environmental Justice Chapter Author	Allison Morrow	12 years of experience preparing CEQA/NEPA technical studies and environmental documents M.B.A., California State University, Long Beach B.A., Environmental Analysis and Design, University of California, Irvine
Senior Environmental Planner, Geology, Soils, Seismicity, and Paleontological Resources Section Author, Parks, Recreation, and Open Space Section Author	Amanda Johnson	19 years of experience preparing CEQA/NEPA compliance documents B.A., Geography, California State University, Long Beach
Senior Environmental Planner, Noise and Vibration Section Author	Glenn C. DeBerg, Jr.	14 years of experience B.A., Geography, California State University, Long Beach
Senior Environmental Planner, Parks, Recreation, and Open Space Section Contributor	David Atwater	14 years of in environmental planning and analysis B.S., Urban and Regional Planning, with Interdisciplinary Minor in GIS Applications, California State Polytechnic University, Pomona
Senior Environmental Planner, QA/QC	Deborah Roberts, ENV SP	12 years of experience Master Candidate in Regenerative Studies, California State Polytechnic University, Pomona B.S., Urban and Regional Planning, California State Polytechnic University, Pomona
Senior Environmental Planner, Section 4(f) Report Author	Jeanne Ogar	13 years of experience MESM, University of California, Santa Barbara B.A., French, University of California, Los Angeles
Senior GIS Specialist	Jim McPherson	18 years of experience B.S., Geography, California State University, Long Beach

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Senior GIS Specialist	Tom Flahive	17 years of experience in the GIS field B.S., Biology, University of California, Irvine
Senior GIS Task Manager	Meredith Canterbury	12 years of experience in the GIS field B.A., Geography (Emphasis in Environmental Analysis), California State University, Fullerton A.A., Liberal Studies, Fullerton College
Senior Noise Specialist, Acoustical Specialist, Noise and Vibration Section Co-Author	Jason Lui	15 years of experience M.S., Environmental Studies, California State University, Fullerton B.A., Environmental Analysis and Design, University of California, Irvine
Senior Paleontological Resources Manager, Paleontological Resources Technical Report Author	Sarah Rieboldt, Ph.D.	15 years of experience Ph.D., Paleontology, University of California, Berkeley B.A., Biology, University of Colorado, Boulder
Senior Planner, QA/QC	Cade Hobbick, AICP, LEED AP	20 years of experience M.U.P., Planning, University of Kansas, Lawrence B.A., Architectural Studies, University of Kansas, Lawrence B.A., Environmental Studies, University of Kansas, Lawrence
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 Technical Editor and Word Processor for Multiple Sections and Reports	Jennette Bosseler-Crockett	16 years of experience B.A., English, with Minor in Professional Writing, University of California, Santa Barbara
Technical Editor for Multiple Sections	Lauren Johnson	32 years of experience B.A., English, University of California, Santa Barbara
Transportation Technical Report Author	Brian Marchetti, AICP	24 years of experience B.S., Urban & Regional Planning, California State Polytechnic University, Pomona
Transportation Technical Report Author	Ivy Hang	13 years of experience B.S., Urban & Regional Planning, with Minor in GIS, California State Polytechnic University, Pomona
Transportation Technical Report Author	Joel Falter	38 years of experience M.S., Transportation Engineering, University of California, Berkeley B.S., Transportation and Regional Planning, State University of New York at Buffalo

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Transportation Technical Report Author	Mengzhao Hu	14 years of experience M.P.L., University of Southern California, Los Angeles B.S., Urban Planning, Tongji University

AICP = American Institute of Certified Planners
 B.Arch = Bachelor of Architecture
 CEQA = California Environmental Quality Act
 C.P.E. = Certified Professional Engineer
 C.P.G. = Certified Professional Geologist
 CPSWQ = Certified Professional in Storm Water Quality
 EIR/EIS = environmental impact report/environmental impact statement
 EMI/EMF = electromagnetic interference/electromagnetic fields
 E.I.T. = Engineer in Training
 ENV SP = Envision Sustainable Professional
 G.E. = Geotechnical Engineer
 GIS = geographic information systems
 LEED AP = Leadership in Energy and Environmental Design (Accredited Professional)
 M. Arch = Master of Architecture
 M.C.R.P. = Master of City and Regional Planning
 M.P.L. = Master of Planning
 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
 PTP = Professional Transportation Planner®
 QA/QC = quality assurance/quality control
 QSD/QSP = Qualified SWPPP Practitioner/Qualified SWPPP Developer
 RPA = Registered Professional Archaeologist
 REHS = Registered Environmental Health Specialist
 S.E. = Structural Engineer
 SWPPP = Stormwater Pollution Prevention Plan
 T.E. = Traffic Engineer

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