

## APPENDIX G – LIST OF ACRONYMS AND ABBREVIATIONS

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### A

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**AADT:** average annual daily traffic  
**AASHTO:** American Association of State Highway and Transportation Officials  
**AB:** Assembly Bill  
**ABAG:** Association of Bay Area Governments  
**ACHP:** Advisory Council on Historic Preservation  
**ADA:** Americans with Disabilities Act  
**ADL:** aerially deposited lead  
**ADT:** average daily traffic  
**AE:** Adverse Effect  
**AEP:** Associate Environmental Planner  
**AEPNS:** Associate Environmental Planner, Natural Science  
**ASHERA:** Asbestos Hazard Emergency Response Act  
**AIRFA:** American Indian Religious Freedom Act  
**APCD:** Air Pollution Control District  
**APE:** Area of Potential Effects  
**AQMD:** Air Quality Management District  
**ARB:** Air Resources Board  
**ARPA:** Archaeological Resources Protection Act of 1979  
**ASR:** Archaeological Survey Report  
**ASTM:** American Society for Testing Materials  
**ATCM:** Airborne Toxic Control Measure  
**AVO:** Average Vehicle Occupancy

### B

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**BA:** Biological Assessment  
**BCDC:** San Francisco Bay Conservation and Development Commission  
**BFE:** Base Flood Elevation  
**BIA:** Bureau of Indian Affairs  
**BLM:** Bureau of Land Management  
**BMP:** Best Management Practice  
**BO:** Biological Opinion  
**BTU:** British thermal unit

### C

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**CAA:** Clean Air Act  
**Cal/EPA:** California Environmental Protection Agency  
**Cal/OSHA:** California Division of Occupational Safety and Health Administration  
**CalRecycle:** California Department of Resources Recycling and Recovery  
**CCAA:** California Clean Air Act  
**CCC:** California Conservation Corps

**CCC:** California Coastal Commission  
**CCMP:** California Coastal Management Program  
**CCO:** Contract Change Order  
**CCR:** California Code of Regulations  
**CDC:** Centers for Disease Control and Prevention  
**CDFW:** California Department of Fish and Wildlife  
**CDP:** Coastal Development Permit  
**CE:** Categorical Exclusion (NEPA) or Categorical Exemption (CEQA)  
**CEQ:** Council on Environmental Quality  
**CEQA:** California Environmental Quality Act  
**CERES:** California Environmental Resources Evaluation System  
**CERLA:** Comprehensive Environmental Response, Compensation, and Liability Act  
**CESA:** California Endangered Species Act  
**CFR:** Code of Federal Regulations  
**CGS:** California Geological Survey  
**CHP:** California Highway Patrol  
**CHRIS:** California Historical Resources Information System  
**CIA:** Community Impact Assessment  
**CIDH:** cast-in-drilled-hole  
**CL:** center line  
**CMP:** Conceptual Mitigation Plan  
**CNDDDB:** California Natural Diversity Database  
**CNEL:** community noise equivalent level  
**CNPS:** California Native Plant Society  
**CO:** carbon monoxide  
**CO2:** carbon dioxide  
**COG:** Council of Governments  
**COZEPP:** Construction Zone Enhanced Enforcement Program  
**CPD:** Coastal Programs Division  
**CPD:** Construction Procedures Directives  
**CPRA:** California Public Records Act  
**CRHR:** California Register of Historical Resources  
**CRM:** Cultural Resources Management  
**CSO:** Cultural Studies Office  
**CT:** California Department of Transportation  
**CTC:** California Transportation Commission  
**CTP:** California Transportation Plan  
**CUPA:** Certified Unified Program Agencies  
**CWA:** Clean Water Act  
**CZM:** Coastal Zone Management  
**CZMA:** Coastal Zone Management Act  
**CZMA:** Coastal Zone Management Agency  
**CZMP:** Coastal Zone Management Plan

## **D**

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**DA:** Department of the Army (U.S.)

**dba:** A-weighted decibel  
**dba Leq:** A-weighted noise level  
**DBH:** Diameter at breast height  
**DEA:** Division of Environmental Analysis  
**DED:** draft environmental document  
**DEIR:** Draft Environmental Impact Report (CEQA)  
**DEIS:** Draft Environmental Impact Statement (NEPA)  
**DES-OE:** Division of Engineering Services-Office Engineer  
**DLAE:** District Local Assistance Engineer  
**DNAC:** District Native American Coordinator  
**DOC:** California Department of Conservation  
**DOD:** Department of Defense [U.S.]  
**DOI:** Department of the Interior [U.S.]  
**DOT:** Department of Transportation [general]  
**DRID:** Draft Relocation Impact Document  
**DRIM:** Draft Relocation Impact Memorandum  
**DPR:** Draft Project Report  
**DPR:** California Department of Parks and Recreation  
**DRP:** Data Recovery Plan  
**DSA:** Disturbed Soil Area  
**DSI:** Detailed Site Investigation  
**DTSC:** California Department of Toxic Substances Control  
**DWR:** California Department of Water Resources

## E

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**EA:** Environmental Assessment [NEPA]  
**EA:** Expenditure Authorization  
**EBC:** Environmental Branch Chief  
**ECL:** Environmental Construction Liaison/Coordinator  
**ECR:** Environmental Commitments Record  
**ED:** environmental document  
**EFH:** Essential Fish Habitat  
**EH:** Environmental Handbook  
**EIR:** Environmental Impact Report [CEQA]  
**EIS:** Environmental Impact Statement [NEPA]  
**EJ:** Environmental Justice  
**ELAP:** Environmental Laboratory Accreditation Program  
**EMO:** Environmental Management Office  
**EO:** Executive Order  
**EOC:** Environmental Office Chief  
**EP:** Environmental Planner  
**EPNS:** Environmental Planner (Natural Science)  
**ESA:** Environmentally Sensitive Area  
**ESA:** Endangered Species Act  
**ESR:** Environmental Study Request  
**ESU:** Environmentally Significant Unit (relates to salmonids)

## F

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**FAE:** Finding of Adverse Effect  
**FBFM:** Flood Boundary and Floodway Map  
**FED:** final environmental document  
**FEIR:** Final Environmental Impact Report (CEQA)  
**FEIS:** Final Environmental Impact Statement (NEPA)  
**FEMA:** Federal Emergency Management Agency  
**FESA:** Federal Endangered Species Act  
**FHWA:** Federal Highway Administration  
**FIFRA:** Federal Insecticide, Fungicide, and Rodenticide Act  
**FIRM:** Flood Insurance Rate Map  
**FIS:** Flood Insurance Study  
**FLPMA:** Federal Land Policy and Management Act of 1976  
**FNAE:** Finding of No Adverse Effect  
**FOE:** Finding of Effect  
**FOIA:** Freedom of Information Act  
**FONSI:** Finding of No Significant Impact [NEPA]  
**FPPA:** Farmland Protection Policy Act  
**FR:** Federal Register  
**FRA:** Federal Railroad Administration  
**FRID:** Final Relocation Impact Document  
**FRIS:** Final Relocation Impact Statement  
**FTA:** Federal Transit Authority  
**FSTIP:** Federal State Transportation Improvement Program  
**FTIP:** Federal Transportation Improvement Program  
**FY:** Fiscal Year

## G

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**GHG:** greenhouse gas  
**GIS:** Geographic Information Systems  
**GPR:** Ground Penetrating Radar  
**GPS:** Global Positioning System

## H

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**HA:** Highway Agency  
**HABS:** Historic American Building Survey  
**HAER:** Historic American Engineering Record  
**HASR:** Historic Architectural Survey Report  
**HCM:** Highway Capacity Manual  
**HCP:** Habitat Conservation Plan  
**HDM:** Highway Design Manual  
**HGM:** Hydrogeomorphic Method  
**HMDD-A:** Hazardous Materials Disclosure Document-Acquisition  
**HMDD-D:** Hazardous Materials Disclosure Document-Disposal  
**HOT:** High-Occupancy Toll

**HOV:** High-Occupancy Vehicle  
**HPSR:** Historic Property Survey Report  
**HRC:** Heritage Resources Coordinator  
**HRCR:** Historical Resources Compliance Report  
**HRER:** Historical Resources Evaluation Report  
**HSWA:** Hazardous and Solid Waste Amendments

## I

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**IGR:** Intergovernmental Review  
**IIP:** Interregional Improvement Program  
**IP:** Individual Permit  
**IPCC:** Intergovernmental Panel on Climate Change  
**IS:** Initial Study [CEQA]  
**ISA:** Initial Site Assessment  
**ISTEA:** Intermodal Surface Transportation Efficiency Act of 1991  
**ITE:** Institute of Transportation Engineers  
**ITIP:** Interregional Transportation Improvement Program  
**ITP:** Incidental Take Permit  
**ITSP:** Interregional Transportation Strategic Plan  
**ITTE:** Institute of Transportation and Traffic Engineering

## J

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**JD:** Jurisdictional Determination

## K

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**KP:** kilometer post

## L

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**LAPM:** Local Assistance Procedures Manual  
**LCP:** Local Coastal Plan  
**LEDPA:** Least Environmentally Damaging Practicable Alternative  
**LESA:** Land Evaluation and Site Assessment  
**LOP:** Letter of Permission  
**LOS:** Level of Service  
**LUPIN:** Land Use Planning Information Network  
**LUST:** leaking underground storage tank  
**LWCFA:** Land and Water Conservation Fund Act of 1965

## M

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**MAP-21:** Moving Ahead for Progress in the 21st Century Act  
**MBTA:** Migratory Bird Treaty Act

**MCCE:** Mitigation and Compliance Cost Estimate  
**MCE:** Maximum Credible Earthquake  
**MEP:** Maximum Extent Practicable  
**MIS:** Major Investment Study  
**MLD:** Most Likely Descendant  
**MMPA:** Marine Mammal Protection Act  
**MMRR:** Mitigation Monitoring and Reporting Record  
**MND:** Mitigated Negative Declaration [CEQA]  
**MOA:** Memorandum of Agreement  
**MOU:** Memorandum of Understanding  
**MPO:** Metropolitan Planning Organization  
**MPRSA:** Marine Protection, Research, and Sanctuaries Act  
**MS4:** Municipal Separate Storm Sewer System  
**MSAT:** Mobile Source Air Toxics  
**MSFCMA:** Magnuson-Stevens Fishery Conservation and Management Act  
**MSL:** Mean Sea Level  
**MTBE:** methyl tertiary butyl ether  
**MTP:** Metropolitan Transportation Plan  
**MTIP:** Metropolitan Transportation Improvement Program

## **N**

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**NAAQS:** National Ambient Air Quality Standards  
**NAC:** Noise Abatement Criteria  
**NADR:** Noise Abatement Decision Report  
**NAE:** No Adverse Effect  
**NAGPRA:** Native American Graves Protection and Repatriation Act of 1990  
**NAHC:** Native American Heritage Commission  
**NCCP:** Natural Community Conservation Planning  
**NCHRP:** National Cooperative Highway Research Program  
**NCSE:** National Council for Science Education  
**NCSE:** National Council for Science and the Environment  
**ND:** Negative Declaration [CEQA]  
**NEPA:** National Environmental Policy Act  
**NES:** Natural Environment Study  
**NES-MI:** Natural Environment Study (Minimal Impact)  
**NESHAP:** National Emissions Standards for Hazardous Air Pollutants  
**NFIP:** National Flood Insurance Program  
**NFSAM:** National Flood Security Act Manual  
**NH3:** ammonia  
**NHL:** National Historic Landmark  
**NHPA:** National Historic Preservation Act  
**NHS:** National Highway System  
**NNL:** National Natural Landmark  
**NOA:** naturally occurring asbestos  
**NOA:** Notice of Availability  
**NOAA:** National Oceanic and Atmospheric Administration  
**NOAA-Fisheries:** National Marine Fisheries Service

**NOC:** Notice of Completion  
**NOD:** Notice of Determination  
**NOE:** Notice of Exemption  
**NOI:** Notice of Intent  
**NOP:** Notice of Preparation  
**NOx:** nitrogen oxide  
**NPDES:** National Pollutant Discharge Elimination System  
**NPL:** National Priorities List  
**NPPA:** [California] Native Plant Protection Act  
**NPRM:** Notice of Proposed Rule Making  
**NPS:** National Park Service  
**NR:** National Register [of Historic Places]  
**NRCS:** National Resources Conservation Service  
**NRHP:** National Register of Historic Places  
**NSSP:** Nonstandard Special Provision  
**NWP:** Nationwide Permit

## O

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**O.C.:** Overcrossing  
**OCRM:** National Oceanic and Atmospheric Administration-Office of Ocean and Coastal Resource Management  
**OHP:** [California] Office of Historic Preservation  
**OHWM:** Ordinary High Water Mark  
**OPR:** [California] Office of Planning and Research  
**OSHA:** Occupational Safety Hazard Administration

## P

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**PA:** Programmatic Agreement  
**PA&ED:** Project Approval and Environmental Document  
**PAM:** Permits, Agreements, and Mitigation  
**Pb:** lead  
**PDPM:** [Caltrans] Project Development Procedures Manual  
**PDT:** Project Development Team  
**PE:** Project Engineer  
**PEAR:** Preliminary Environmental Assessment Report  
**PEER:** Permit Engineering Evaluation Report  
**PER:** Paleontological Evaluation Report  
**PG:** Professional Geologist  
**PID:** Project Initiation Document  
**PIR:** Paleontological Identification Report  
**PLAC:** Permits, Licenses, Agreements, and Certifications  
**PM:** particulate matter  
**PM:** post mile  
**PM:** Project Manager  
**PM10:** particulate matter less than 10 microns in diameter

**PM2.5:** particulate matter less than 2.5 microns in diameter  
**PMP:** Paleontological Mitigation Plan  
**PMR:** Paleontological Mitigation Report  
**POAQC:** Project of Air Quality Concern  
**ppb:** parts per billion  
**ppm:** parts per million  
**PR:** Project Report  
**PRC:** [California] Public Resources Code  
**PS&E:** Plans, Specifications, and Estimates  
**PSI:** Preliminary Site Investigation  
**PSI:** pounds per square inch  
**PSR:** Project Study Report  
**PSR-PDS:** Project Study Report-Project Development Support  
**PSS:** Paleontological Stewardship Summary  
**PSSR:** Project Scope Summary Report  
**PUC:** Public Utilities Commission [California]

## Q

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## R

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**RAP:** Relocation Assistance Program  
**RAW:** Remedial Action Workplan  
**RCR:** Route Concept Report  
**RCRA:** Resource Conservation and Recovery Act of 1976  
**RE:** Resident Engineer  
**RGL:** Regulatory Guidance Letter  
**RIP:** Regional Improvement Program  
**ROD:** Record of Decision [NEPA]  
**ROW:** right-of-way  
**RP:** Responsible Party  
**RTIP:** Regional Transportation Improvement Program  
**RTP:** Regional Transportation Plan  
**RTPA:** Regional Transportation Planning Agency  
**RWQCB:** Regional Water Quality Control Board

## S

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**SACOG:** Sacramento Area of Council of Governments  
**SAFETEA-LU:** Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users  
**SANDAG:** San Diego Association of Governments  
**SARA:** Superfund Amendments and Reauthorization Act  
**SB:** Senate Bill  
**SCAG:** Southern California Association of Governments  
**SCH:** [California] State Clearinghouse  
**SDWA:** Safe Drinking Water Act

**SEE:** social, economic, and environmental  
**SEP:** Senior Environmental Planner  
**SER:** Standard Environmental Reference  
**SFHA:** Special Flood Hazard Area  
**SHA:** State Highway Agency  
**SHBSB:** State Historical Building Safety Board  
**SHL:** State Historical Landmark  
**SHOPP:** State Highway Operation and Protection Program  
**SHPO:** State Historic Preservation Officer  
**SHS:** State Highway System  
**SI:** Safety Index  
**SIP:** State Implementation Plan  
**SLC:** [California] State Lands Commission  
**SMARA:** Surface Mining and Reclamation Act of 1975  
**SOC:** Statement of Overriding Considerations [CEQA]  
**SOL:** Statute of Limitations  
**SR:** State Route  
**SSP:** Standard Special Provision  
**STIP:** Statewide Transportation Improvement Program  
**SWMP:** Storm Water Management Plan  
**SWPPP:** Storm Water Pollution Prevention Plan  
**SWRCB:** State Water Resources Control Board

## T

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**TAC:** Technical Advisory Committee  
**TASAS:** Traffic Accident Surveillance and Analysis System  
**TCM:** Transportation Control Measure  
**TCP:** Traditional Cultural Property or Place  
**TCR:** Transportation Concept Report  
**TDM:** Transportation Demand Management  
**TEA-21:** Transportation Equity Act for the 21st Century  
**TeNS:** Technical Noise Supplement  
**THPO:** Tribal Historic Preservation Officer  
**TIP:** Transportation Improvement Program  
**TMDL:** Total Maximum Daily Load  
**TMP:** Traffic Management Plan  
**TP:** Transportation Planner  
**TRB:** Transportation Research Board  
**TRPA:** Tahoe Regional Planning Agency  
**TSM:** Transportation Systems Management

## U

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**U.C.:** Undercrossing  
**U.S.:** United States  
**U.S. EPA:** United States Environmental Protection Agency

**USACE:** United States Army Corps of Engineers  
**USC:** United States Code  
**USCG:** United States Coast Guard  
**USDA:** United States Department of Agriculture  
**USDOT:** United States Department of Transportation  
**USFS:** United States Forest Service  
**USFWS:** United States Fish and Wildlife Service  
**USGS:** United States Geological Survey  
**UST:** underground storage tanks

**V**

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**V/C:** Volume/Capacity  
**VMT:** Vehicle Miles of Travel  
**VOC:** volatile organic compounds

**W**

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**WBS:** Work Breakdown Structure  
**WPCP:** Water Pollution Control Program

**X**

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**Y**

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**Z**

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