

Appendix D. List of Acronyms and Abbreviations

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A

AADT: average annual daily traffic

AB: Assembly Bill

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

AHERA: Asbestos Hazard Emergency Response Act

AIRFA: American Indian Religious Freedom Act

APCD: Air Pollution Control District

APE: Area of Potential Effects

APEFZ: Alquist-Priolo Earthquake Fault Zone

AQMD: Air Quality Management District

ARB: Air Resources Board

ARPA: Archaeological Resources Protection Act of 1979

ARTIC: Anaheim Regional Transportation Intermodal Center

ASR: Archaeological Survey Report

ASTM: American Society for Testing Materials

ATCM: Airborne Toxic Control Measure

AVO: Average Vehicle Occupancy

B

BA: Biological Assessment

Bgs: below ground surface

BFE: Base Flood Elevation

BIA: Bureau of Indian Affairs

BLM: Bureau of Land Management

BMP: Best Management Practice

BNSF: Burlington Northern Santa Fe

BO: Biological Opinion

BTU: British thermal unit

C

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

Caltrans: California Department of Transportation

CCAA: California Clean Air Act

CCC: California Conservation Corps

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

CERFA: Community Environmental Response Facilitation Act of 1992

CESA: California Endangered Species Act

CFR: Code of Federal Regulations

CGS: California Geological Survey

CHL: California Historical Landmarks

CHP: California Highway Patrol

CHRIS: California Historical Resources Information System
CIA: Community Impact Assessment
CL: center line
CMP: Conceptual Mitigation Plan
CNDDDB: California Natural Diversity Database
CNEL: community noise equivalent level
CNPS: California Native Plant Society
COG: Council of Governments
COZEEP: Construction Zone Enhanced Enforcement Program
CPHI: California Points of Historical Interest
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

D

DA: Department of the Army (U.S.)
dB A: A-weighted decibel
dB A 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

the Department: California Department of Transportation

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

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
EPA: Environmental Protection Agency
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

FAE: Finding of Adverse Effect
FAC: Facultative
FACW: Facultative Wetland
FACU: Facultative Upland
FBFM: Flood Boundary and Floodway Map
FCAA: Federal Clean Air Act
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

GHG: greenhouse gas

GIS: Geographic Information Systems

GP: General Purpose

GPR: Ground Penetrating Radar

GPS: Global Positioning System

H

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

HMDD-A: Hazardous Materials Disclosure Document-Acquisition

HMDD-D: Hazardous Materials Disclosure Document-Disposal

HOV: High-Occupancy Vehicle

HPSR: Historic Property Survey Report

HRC: Heritage Resources Coordinator

HRCR: Historical Resources Compliance Report

HRER: Historical Resources Evaluation Report

HSG: Hydrologic Soil Group

HSWA: Hazardous and Solid Waste Amendments

I

I: Interstate

IAC: Interagency Consultation

IGR: Intergovernmental Review

IIP: Interregional Improvement Program

IP: Individual Permit

IPCC: Intergovernmental Panel on Climate Change

IS/EA: Initial Study / Environmental Assessment [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

JD: Jurisdictional Determination

K

KP: kilometer post

L

LAPM: Local Assistance Procedures Manual
LEDPA: Least Environmentally Damaging Practicable Alternative
LESA: Land Evaluation and Site Assessment
LOMR: Letter of Map Revision
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

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
MLD: Most Likely Descendant
MND: Mitigated Negative Declaration [CEQA]
MOA: Memorandum of Agreement
MOU: Memorandum of Understanding
MPH: Miles per Hour
MPO: Metropolitan Planning Organization
MS4: Municipal Separate Storm Sewer System
MSAT: Mobile Source Air Toxics
MSL: Mean Sea Level
MTP: Metropolitan Transportation Plan
MTIP: Metropolitan Transportation Improvement Program

N

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 and the Environment

ND: Negative Declaration [CEQA]

NEPA: National Environmental Policy Act

NES: Natural Environment Study

NES-MI: Natural Environmental Study (Minimal Impact)

NESHAP: National Emissions Standards for Hazardous Air Pollutants

NFIP: National Flood Insurance Program

NFSAM: National Flood Security Act Manual

NHL: National Historic Landmark

NHPA: National Historic Preservation Act

NHS: National Highway System

NI: No Indicator

NMFS: National Marine Fisheries Service

NNL: National Natural Landmark

NOA: naturally occurring asbestos

NOA: Notice of Availability

NOA: Naturally Occurring Asbestos

NOAA: National Oceanic and Atmospheric Administration

NOC: Notice of Completion

NOD: Notice of Determination

NOE: Notice of Exemption

NOI: Notice of Intent

NOP: Notice of Preparation

NPDES: National Pollutant Discharge Elimination System

NPL: National Priorities List

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

OBL: Obligate Wetland

OBU: Obligate Upland

O.C.: Overcrossing

OCGB: Orange County Groundwater Basin

OHWM: Ordinary High Water Mark

OPR: Office of Planning and Research

OSHA: Occupational Safety Hazard Administration

OCTA: Orange County Transportation Authority

P

PA: Programmatic Agreement

PA&ED: Project Approval and Environmental Document

PAM: Permits, Agreements, and Mitigation

PCB: Polychlorinated biphenyls

PDPM: [Caltrans] Project Development Procedures Manual

PDT: Project Development Team

PE: Project Engineer

PEP: Plant Establishment Period

PEAR: Preliminary Environmental Assessment Report

PEER: Permit Engineering Evaluation Report

PER: Paleontological Evaluation Report

PG: Professional Geologist

PID: Project Initiation Document

PILOT PROGRAM: Surface Transportation Project Delivery Pilot Program

PIR: Paleontological Identification Report

PLAC: Permits, Licenses, Agreements, and Certifications

PM: particulate matter

PM: post mile

PM₁₀: particulate matter less than 10 microns in diameter

PM_{2.5}: 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

PUC: Public Utilities Commission [California]

Q

R

- RAP:** Relocation Assistance Program
- RCR:** Route Concept Report
- RCRA:** Resource Conservation and Recovery Act of 1976
- RE:** Resident Engineer
- RIP:** Regional Improvement Program
- ROD:** Record of Decision [NEPA]
- ROW:** right of way
- RR:** Railroad
- RTIP:** Regional Transportation Improvement Program
- RTP:** Regional Transportation Plan
- RTPA:** Regional Transportation Planning Agency
- RWQCB:** Regional Water Quality Control Board

S

- 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
- SAR:** Santa Ana River
- SART:** Santa Ana River Trail
- SARA:** Superfund Amendments and Reauthorization Act
- SB:** Senate Bill
- SCAB:** South Coast Air Basin
- SCAG:** Southern California Association of Governments
- SCCIC:** South Central Coastal Information Center
- SCH:** [California] State Clearinghouse
- SCRRA:** Southern California Regional Rail Authority
- SDC:** Seismic Design Criteria

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

T&E: Threatened and Endangered
TAC: Technical Advisory Committee
TASAS: Traffic Accident Surveillance and Analysis System
TCE: Temporary Construction Easement
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
TOAR: Traffic Operations Analysis Report
TSCA: Toxic Substances Control Act
TSM: Transportation Systems Management
TP: Transportation Planner
TRB: Transportation Research Board

U

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

V/C: Volume/Capacity

VMT: Vehicle Miles of Travel

VOC: volatile organic compounds

W

WDR: Waste Discharge Requirements

WPCP: Water Pollution Control Plan

WSE: Water Surface Elevation

X

Y

Z

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