

Appendix D List of Acronyms

A

AADT	Annual Average Daily Traffic
AAQS	ambient air quality standards
AB	Assembly Bill
ac	acres
AC	Asphalt Concrete
ACMs	asbestos-containing materials
ACOE	United States Army Corps of Engineers
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
ADI	area of direct impacts
ADL	aerially deposited lead
ADT	Average Daily Traffic
AEP	Association of Environmental Professionals
af	acre-feet
AHERA	Asbestos Hazard Emergency Response Act
AICP	American Institute of Certified Planners
AMSL	above mean sea level
APE	Association of Environmental Professionals
APE	Area of Potential Effect

APEFZA	Alquist Priolo Earthquake Fault Zoning Act
AQMP	Air Quality Management Plan
ASR	Archaeological Survey Report
AST	aboveground storage tank
AT&T	American Telephone and Telegraph
B	
BA	Biological Assessment
BACM	Best Available Control Measures
bgs	below ground surface
BLM	Bureau of Land Management
BMP	Best Management Practice
BO	Biological Opinion
BSA	Biological Study Area
C	
CAA	Clean Air Act as amended in 1990
CAAQS	California Ambient Air Quality Standards
CAC	County Agricultural Commissioner
CalEPPC	California Exotic Pest Plant Council
Cal-IPC	California Invasive Plant Council
Cal-OSHA	California Division of Occupational Safety and Health Administration
Caltrans	California Department of Transportation

CARB	California Air Resources Board
Department	California Department of Transportation
CBSP	Commuters Bikeways Strategic Plan
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDR	Center for Demographic Research
CEDD	California Employment Development Department
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERFA	Community Environmental Response Facilitation Act of 1992
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₄	methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System

CIA	Community Impact Assessment
CIDH	cast-in-drilled-hole
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2eq}	carbon dioxide equivalent
COG	Council of Governments
COHCA	County of Orange Health Care Agency
CORRACTS	Corrective Action Sites
COZEEP	Construction Zone Enhanced Enforcement Program
CSG	Conservation Service Group
CSJC	City of San Juan Capistrano
CSUF	California State University at Fullerton
CTs	Census Tracts
CUSD	Capistrano Unified School District
CVAG	Coachella Valley Association of Governments
CVWD	Capistrano Valley Water District
CWA	Clean Water Act
cy	cubic yards
D	
DAMP	Drainage Area Management Plan
dBA	A-weighted decibel

dBA L _{eq}	A-weighted noise level
DPM	diesel particulate matter
DTSC	Department of Toxic Substance Control
E	
e/o	east of
EA	Environmental Assessment
EIR	Environmental Impact Report
EIR/EIS	Environmental Impact Report/Environmental Impact Statement
EMFAC	Emission Factors
EO	Executive Order
EPA	United States Environmental Protection Agency
ERNS	Emergency Response Action Notification System
ESA	Environmentally Sensitive Area
F	
FC	Federal Candidate
FCV	Fuel cell vehicle
FE	Federal Endangered
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FP	Fully Protected
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration

FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIRM	Flood Insurance Rate Map
FP, FPE, FPT	Federal Proposed
FT	Federal Threatened
ft	feet/foot
FSC	Federal Species of Concern
FTA	Federal Transit Administration
G	
g	acceleration force (measurement of earthquake forces)
GEN	Generators
GFIR	(Caltrans) Guidelines for Foundation Investigations and Reports
GHG	greenhouse gas
GIS	Geographic Information Systems
GSRDs	gross solids removal devices
H	
H:V	horizontal:vertical
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HMMP	Habitat Mitigation Monitoring Plan
HOV	high occupancy vehicle lane
HPSR	Historic Property Survey Report
HRCR	Historical Resources Compliance Report

HRER	Historical Resources Evaluation Report
HSG	Hydrologic Soil Groups
K	
km	kilometer
I	
I-15	Interstate 15
I-5	Interstate 5
IA	Implementation Agreement
ICU	intersection capacity utilization
IHCL	Inventory & Historic and Cultural Landmarks
IL	Insertion Loss
in	inch
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
IS/EA	Initial Study/Environmental Assessment
IS (Proposed MND)	Initial Study with proposed Mitigated Negative Declaration
ISA	Initial Site Assessment (Hazardous Wastes)
ITP	Incidental Takes Permit
IWMD	Orange County Integrated Waste Management Department
L	

LU	Landscape Unit
LBP	lead-based paint
LEDPA	least environmentally damaging practicable alternative
L _{max}	maximum sound level
LOP	Letter of Permission
LOS	level of service
LUST	leaking underground storage tank
M	
m	meter
MBTA	Migratory Bird Treaty Act
MCB	
MCE	Maximum Credible Earthquake
MEP	Maximum Extent Practical
mi	miles
MLD	Most Likely Descendant
mm	millimeter
MND	Mitigated Negative Declaration
MOE	Measure of Effectiveness
MOU	Memorandum of Understanding
MPAH	Master Plan of Arterial Highways
mph	miles per hour
MPO	Metropolitan Planning Organization

MSAA	Master Streambed Alteration Agreement
MSAT	Mobile Source Air Toxics
msl	mean sea level
N	
N/A	not applicable or not available
NAAQS	National Ambient Air Quality Standard
NAC	noise abatement criteria
NAHC	Native American Heritage Commission
NB	north-bound
NCC	Notice of Construction Completion
NCCHCS	North County Combined Highway Corridors Study
NCCP	Natural Community Conservation Planning Act
ND	Negative Declaration
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NF	Not Feasible
NFRAP	No Further Remedial Action Planned
NHPA	National Historic Preservation Act
NHS	National Highway System
NLEV	national low-emission vehicle
NLR	No Longer Reporting
NMFS	National Marine Fisheries Office

NO ₂	nitrogen dioxide
NOA	naturally occurring asbestos
NOAA Fisheries	National Marine Fisheries Service
NOC	Notice of Construction
NOD	Notice of Determination
NOI	Notice of Intent
NOP	Notice of Preparation
NP	Not Permitted
NPDES	National Pollutant Discharge Elimination System
NRC	noise reduction coefficient
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Preservation
NWP	Nationwide Permit
O	
O ₃	ozone
OCFA	Orange County Fire Authority
OCIWMD	Orange County Integrated Waste Management Department
OCP	Orange County Projections
OCTA	Orange County Transportation Authority
OCTAM	Orange County Transportation Analysis Model
OHP	Office of Historic Preservation
OMB	White House Office of Management & Budget

OSHA	Occupational Safety and Health Administration
P	
PA	Programmatic Agreement
PA/ED	Project Approval/Environmental Document
PAC	Public Awareness Campaign
PACM	presumed asbestos-containing materials
Pb	lead
PCBs	polychlorinated biphenyls
PDS	Project Development Support
PDT	Project Development Team
PEAR	Preliminary Environmental Assessment Report
PER	Paleontological Evaluation Report
PID	Photo Ionization Detector
PIR	Paleontological Investigation Report
PM	particulate matter <i>or</i> post mile
PMP	Paleontological Mitigation Plan
PMR	Paleontological Monitoring Report
POAQC	project of air quality concern
ppm	parts per million
PPV	Peak Particle Velocity
PRC	Public Resources Code
PRIMP	Paleontological Resource Impact Mitigation Program

PS&E	Plans, Specifications, and Estimates
PSR	Project Study Report
PT&T	Pacific Telephone and Telegraph Company
R	
RAP	Relocation Assistance Program
RCP	Riverside County Projections
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resource Conservation and Recovery Act of 1976
RCRIS	Resource Conservation and Recovery Information System
RE	Resident Engineer
RMP	Regional Management Plan
RMV	Rancho Mission Viejo
ROG	Reactive Organic Gases
ROW	right-of-way
RSA	Regional Statistical Area
RSA	Resource Study Area
RTA	Riverside Transit Agency
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
RWQCB	Regional Water Quality Control Board
S	

SAA	Streambed Alteration Agreement
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act, A Legacy for Users
SAMP	Special Area Management Plan
SAP	Sampling Analysis Procedures
SB	Sound Barrier
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCG	Southern California Gas
SCH	State Clearinghouse
SCRIP	South County Road Improvement Program
SCS	Soil Conservation Service
SCSAM	South County Sub-Area Model
SDC	(Caltrans) Standard Seismic Design Criteria
SDG&E	San Diego Gas and Electric
sec/veh	seconds per vehicle
SER	(Caltrans) Standard Environmental Reference
SFR	Single Family Residential
SHPO	State Historic Preservation Office/Officer

SHRCR	Supplemental Historical Resources Compliance Report
SI	Site Investigation
SIP	State Implementation Plan
SMSA	Standard Metropolitan Statistical Area
SMWD	Santa Margarita Water District
SO ₂	sulfur dioxide
SR	State Rare
SR-241	State Route 241
SR-74	State Route 74
SRF	single-family residence
SSC	Species of Special Concern
SSP	Standard Special Provision
ST	State Threatened
STIP	State Transportation Implementation Program
STP	2002 Strategic Transportation Plan (City of San Juan Capistrano)
SVP	Society of Vertebrate Paleontologists
SWL	Solid Waste Landfill Facilities
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T	
T/E	Threatened and Endangered species

TAC	Technical Advisory Committee
TCA	Transportation Corridor Agencies
TCE	Temporary Construction Easement
TCR	Transportation Concept Report
TCWG	Transportation Conformity Working Group
TeNS	Technical Noise Supplement
TMC	Transportation Management Center
TMP	Traffic Management Plan
TNM	Traffic Noise Model
TPH	total petroleum hydrocarbons
TSCA	Toxic Substances Control Act
TSM	Transportation System Management
U	
U.S.	United States
UPRR	Union Pacific Railroad
U.S.C	United States Code
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
V	
v/c	volume-to-capacity

VA	Value Analysis
VdB	RMS velocity in decibels
VHT	vehicle hours traveled
VIA	Visual Impact Assessment
VMT	vehicle miles traveled
vph	vehicles per hour
W	
WB	westbound
WRCOG	Western Riverside Council of Governments