

Appendix G List of Acronyms

A

AB	Assembly Bill
ac	acre
ACP	Asbestos Cement Pipe
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADL	aerially deposited lead
ADRT	Aesthetic Design Review Team
ADT	average daily traffic
amsl	above mean sea level
APE	Area of Potential Effects
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
ARB	California Air Resources Board
ASR	Archaeological Survey Report

B

BACMs	Best Available Control Measures
bgs	below ground surface
BLM	Bureau of Land Management
BMP	Best Management Practice
BSA	Biological Study Area
BT&H	Business, Transportation and Housing Agency

C

CAA	Clean Air Act
CAAAAs	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAFE	New Corporate Average Fuel Economy
CAGN	coastal California gnatcatcher
Cal-IPC	California Invasive Plant Council
California Register	California Register of Historical Resources
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CD	collector-distributor
CDFW	California Department of Fish and Wildlife
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERFA	Community Environmental Response Facilitation Act of 1992
CESA	California Endangered Species Act
CFC	chlorofluorocarbon

CFP	California Fully Protected
CFR	Code of Federal Regulations
CGS	California Geologic Survey
CH ₄	methane
CHL	California Historical Landmarks
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CLOMR	conditional letter of map revision
CMP	Congestion Management Plan
CNPS	California Native Plant Society
CO	carbon monoxide
CO Protocol	Transportation Project-Level Carbon Monoxide Protocol
CO ₂	carbon dioxide
CO-CAT	Coastal Ocean Climate Action Team
COZEEP	Construction Zone Enhanced Enforcement Program
CSS	coastal sage scrub
CSS	Context Sensitive Solutions
CT	census tract
CVC	California Vehicle Code
CWA	Clean Water Act

D

dB	decibel(s)
dBA	A-weighted decibel(s)
D/C	demand to capacity ratio
DDE	dichlorodiphenyldichloroethylene
DPM	diesel particulate matter
DRIM	Draft Relocation Impact Memorandum
DRRP	Diesel Risk Reduction Plan
DSA	Disturbed Soil Area
DTSC	Department of Toxic Substances Control
DU	dwelling unit

E

EA	Environmental Assessment
EB	eastbound
EO	Executive Order
EOS	edge of shoulder
EPA	United States Environmental Protection Agency
ESA	Environmentally Sensitive Area
ETWD	El Toro Water District
EW	existing wall

F

°F	degrees Fahrenheit
FCAA	Federal Clean Air Act
FCVs	fuel cell vehicles
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
FONSI	Finding of No Significant Impact
FR	Federal Register
FRIM	Final Relocation Impact Memo
ft	feet
FTA	Federal Transit Administration
FTC	Foothill Transportation Corridor
FTIP	Federal Transportation Improvement Program

G

GCC	global climate change
GDR	Geotechnical Design Report
GHG	greenhouse gas
GMA	Growth Management Areas
GME	Growth Management Element

H

H ₂ S	hydrogen sulfide
HCP	Habitat Conservation Plan
HCM	Highway Capacity Manual
HDM	Caltrans' Highway Design Manual
HEI	Health Effects Institute
HFC	hydrofluorocarbon
HFC-23	fluoroform
HFC-134a	s, s, s, 2-tetrafluoroethane
HFC-152a	difluoroethane
HOV	high-occupancy vehicle
HPSR	Historical Property Survey Report
HRER	Historical Resources Evaluation Report
HRI	Caltrans State Historic Resources Inventory

I

I-5	Interstate 5
I-405	Interstate 405
ICU	intersection capacity utilization
ID	Identification
IPCC	Intergovernmental Panel on Climate Change
IRIS	Integrated Risk Information System
IS	Initial Study
ISA	Initial Site Assessment
ITS	Intelligent Transportation Systems

K

kV	kilovolt
kWh	kilowatt-hours

L

LACM	Natural History Museum of Los Angeles County
LAX	Los Angeles International Airport
LBP	lead-based paint

lbs	pounds
lbs/day	Pounds per day
LBV	Least Bell's vireo
L_{eq}	equivalent continuous noise level
$L_{eq}(h)$	hourly equivalent continuous noise level
L_{max}	maximum sound level
LED	light-emitting diode
LEDPA	least environmentally damaging practicable alternative
LHS	Location Hydraulic Study
LOMR	Letter of Map Revision
LOP	Letter of Permission
LOS	level of service
LOTB	Log of Test Borings
LRTP	Long-Range Transportation Plan
LU	Landscape Unit
LUST	leaking underground storage tank

M

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
M2	OCTA Renewed Measure M Transportation Investment Plan
MBTA	Migratory Bird Treaty Act
MCD	modem compatible device
MCE	Maximum Credible Earthquake
MEP	Maximum Extent Practicable
mg/L	milligrams per liter
mg/m^3	milligrams per cubic meter
mi	mile
MLD	Most Likely Descendant
mm	millimeter
MMT	million metric tons
MND	Mitigated Negative Declaration
MPAH	Master Plan of Arterial Highways
MPG	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MR	Materials Report
MS4	Municipal Separate Storm Sewer System
MSAA	Master Streambed Alteration Agreement
MSAT	Mobile Source Air Toxics
MTCO_2/yr	metric tons of carbon dioxide equivalent per year
MNWD	Moulton Niguel Water District
MSE	Mechanically Stabilized Earth
MTBE	Methyl tert-butyl ether
MVHS	Mission Viejo High School
MVP	Maintenance Vehicle Pullout

N

N_2O	nitrous oxide
N/A	not available
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria

NADR	Noise Abatement Decision Report
NAHC	Native American Heritage Commission
NATA	National Air Toxics Assessment
National Register	National Register of Historic Places
NB	northbound
NCCP	Natural Community Conservation Plan
NCHRP	National Cooperative Highway Research Program
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
No.	Number
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NOA	naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Construction
NOCC	Notice of Completion of Construction
NOI	Notice of Intent
NOP	Notice of Preparation
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
NRPC	National Railroad Passenger Corporation
NSR	Noise Study Report
NWP	Nationwide Permit

O

O ₃	ozone
OC	overcrossing
OCHCA	Orange County Health Care Agency
OHP	Office of Historic Preservation
OHWM	ordinary high water mark
OCFA	Orange County Fire Authority
OCTA	Orange County Transportation Authority
OH	Overhead
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSTP	Office of Science and Technology Policy
OWUS	Other Waters of the United States

P

PA	Programmatic Agreement
PA&ED	Project approval/environmental documentation
PAC	Public Awareness Campaign
Pb	lead
PCBs	polychlorinated biphenyls
PCE	perchloroethylene

PDS	project development support
PDT	Project Development Team
PFC	perfluorocarbon
pH	percentage of hydrogen
PHI	California Points of Historical Interest
PID	Project Information Document
PL	property line
PM	particulate matter
PM	postmile
PM ₁₀	particulate matter less than ten 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
POM	polycyclic organic matter
ppb	parts per billion
ppm	parts per million
ppv	peak particle velocity
PRC	Public Resources Code
PS&E	Plans, Specifications, and Estimates
PSR	Project Study Report
PVC	polyvinyl chloride

R

RAP	Relocation Assistance Program
RCEM	Roadway Construction Emissions Model
RCP	reinforced concrete box
RCR	Route Concept Report
RCRA	Resource Conservation and Recovery Act of 1976
RECs	Recognized Environmental Concerns
RMV	Rancho Mission Viejo Plan
ROGs	reactive organic gases
ROW	right of way
RSA	Resource Study Area
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board

S

SAMP	Special Area Management Plan
SB	southbound
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
SCRRA	Southern California Regional Rail Authority
SDC	Caltrans Seismic Design Criteria
SDG&E	San Diego Gas and Electric
SER	Standard Environmental Reference
SF ₆	sulfurhexafluoride

sf	square foot
SFR	Structure Foundation Report
SHPO	State Historic Preservation Officer
SI	Site Investigation
SIP	State Implementation Plan
SLF	Sacred Lands File
SMARTS	Storm Water Multiple Application and Report Tracking System
SMP	Senior Mobility Program
SNA	John Wayne Airport
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SOCMIS	South Orange County Major Investment Study
SOCTIIP	South Orange County Transportation Infrastructure Improvement Program
SR-22	State Route 22
SR-55	State Route 55
SR-57	State Route 57
SR-73	State Route 73
SR-74	State Route 74 (Ortega Highway)
SR-76	State Route 76
SR-78	State Route 78
SR-91	State Route 91
SR-133	State Route 133
SR-241	State Route 241
SRA	source receptor area
SSC	California species of concern
SSP	Standard Special Provisions
STA	station
SVP	Society of Vertebrate Paleontology
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
SWWF	southwestern willow flycatcher
T	
TASAS	Traffic Accident Surveillance and Analysis System
TCA	Transportation Corridor Agencies
TCE	Temporary Construction Easement
TCM	Transportation Control Measures
TCWG	Transportation Subject Working Group
TDM	Transportation Demand Management
TDS	total dissolved solids
T/E	threatened or endangered
TMDL	Total Maximum Daily Load
TMP	Transportation Management Plan
TNM	Traffic Noise Model
TSCA	Toxic Substances Control Act
TSM	Transportation System Management

U

UC	undercrossing
UCPP	Coalition to Protect Panhe
Uniform Act	Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
U.S.	United States
USA	Underground Service Alert
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank

V

V/C ratio	volume-to-capacity ratio
VA	Value Analysis
VHT	vehicle hours traveled
VIA	Visual Impact Assessment
VMT	vehicle miles traveled
VOC	volatile organic compounds

W

WB	westbound
WDID	Waste Discharge Identification
WDR	Waste Discharge Requirements
Wi-Fi	Wireless Fidelity
WPCP	Water Pollution Control Plan
WQAR	Water Quality Assessment Report
WWII	World War II