

Appendix F List of Acronyms and Abbreviations

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°F	degrees Fahrenheit
A	
AADT	annual average daily traffic
AB	Assembly Bill
ac	acre(s)
ACM	asbestos-containing materials
ACS	American Community Survey
ADA	Americans with Disabilities Act
ADI	Area of Direct Impact
ADL	aerially deposited lead
ADT	average daily traffic
AGR	Agricultural Supply
APD	Area of Potential Disturbance
APE	Area of Potential Effects
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
AQR	Air Quality Report
ARB	California Air Resources Board
B	
BACM	best available control measures
Basin	South Coast Air Basin
BMPs	best management practices
BNSF	Burlington Northern Santa Fe
BSA	Biological Study Area
BTUS	British thermal units
C	
CAA	Clean Air Act
Cal/OSHA	California Division of Occupational Safety and Health
California Register	California Register of Historical Resources
Cal-IPaC	California Invasive Plant Council
Caltrans	California Department of Transportation
CaRFG	California Reformulated Gasoline
CCP	Construction Contingency Plan
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDP	census designated place
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
CFR	Code of Federal Regulations
C-G	Commercial-General
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CHSP	Chino Hills State Park

CIP	Corridor Improvement Project
CNDDB	California Natural Diversity Data Base
CNE	Common Noise Environments
CNG	compressed natural gas
CNPS	California Native Plant Society
CO	carbon monoxide
CPA	City Planning Area
CPUC	California Public Utilities Commission
CRPR	California Rare Plant Rank
CSS	Coastal Sage Scrub
CWA	Clean Water Act
CZMA	Coastal Zone Management Act

D

dB	decibel
dBA	A-weighted decibel
DBH	diameter at breast height
DHHS	United States Department of Health and Human Services
DOI	United States Department of Interior
DOT	United States Department of Transportation
DSA	Disturbed Soil Area
DTSC	Department of Toxic Substances Control
DWR	California Department of Water Resources

E

EDR	Environmental Data Resources, Inc.
EIC	Eastern Information Center
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EO	Executive Order
ESA(s)	Environmentally Sensitive Area(s)
ETC	Eastern Transportation Corridor

F

F/ETCA	Foothill/Eastern Transportation Corridor Agency
FCAA	Federal Clean Air Act
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
FPPA	Farmland Protection Policy Act
FSTIP	Federal Statewide Transportation Improvement Program
ft	foot/feet
FTA	Federal Transit Administration
FTC	Foothill Transportation Corridor
FTIP(s)	Federal Transportation Improvement Program(s)

G

GGES	gasoline gallon equivalents
GHG	greenhouse gas

GIS	geographic information system
GMP	Growth Management Plan
Guidelines	Section 404 (b)(1) Guidelines
GWR	Groundwater Recharge
H	
h:v	horizontal to vertical
H ₂ S	hydrogen sulfide
HA	Hydrological Areas
HCP	Habitat Conservation Plan
HEI	Health Effects Institute
HOV	High Occupancy Vehicle
HPSR	Historic Property Survey Report
HSA	Hydrologic Subareas
HU	Hydrologic Units
HVAC	heating, ventilation, and air conditioning
I	
I-15	Interstate 15
I-5	Interstate 5
IEOC	Inland Empire of Orange County
IEPR	Integrated Energy Policy Report
IND	Industrial Supply
IPaC	Information, Planning, and Conservation
IRIS	Integrated Risk Information System
ISA	Initial Site Assessment
L	
L&WCF	Land and Water Conservation Fund
LACM	Natural History Museum of Los Angeles County
LBP	lead-based paint
lbs/day	pounds per day
LEDPA	least environmentally damaging practicable alternative
LNG	liquefied natural gas
LOS	level(s) of service
LPG	liquefied petroleum gas
LRTP	Long Range Transportation Plan
LSA	LSA Associates, Inc.
M	
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
MEP	maximum extent practicable
mg/L	milligrams per liter
mi	mile(s)
MLD	Most Likely Descendent
MOU	Memorandum of Understanding
MPAH	Master Plan of Arterial Highways
mph	miles per hour
MPO	Metropolitan Planning Organization
MPSP	Mountain Park Specific Plan

MRZs	Mineral Resource Zones
MS4s	Municipal Separate Storm Sewer Systems
MSAT	Mobile Source Air Toxics
MTBE	methyl tertbutyl ether
MU	Mixed Use
MUN	Municipal and Domestic Supply
MW	megawatts
N	
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NAHC	Native American Heritage Commission
NATA	National Air Toxics Assessment
National Register	National Register of Historic Places
NCCP	Natural Communities Conservation Plan
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NHPA	National Historic Preservation Act of 1966
NNL	National Natural Landmark
NO ₂	nitrogen dioxide
NOAA Fisheries Service	National Oceanic and Atmospheric Administration's National Marine Fisheries Service
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	nitrous oxide
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NSR	Noise Study Report
NSSP	Non-Standard Special Provisions
O	
O ₃	ozone
OCFA	Orange County Fire Authority
OC MPAH	Orange County Master Plan of Arterial Highways
OCS	Outer Continental Shelf
OCSD	Orange County Sherriff's Department
OCTA	Orange County Transportation Authority
OCWD	Orange County Water District
Orange County Basin	Orange County Groundwater Basin
OSHA	Occupational Safety and Health Administration
P	
PA	Programmatic Agreement
PA/ED	Project Approval/Environmental Document
Pb	lead
PDPM	Project Development Procedures Manual
PDT	Project Development Team
PeMS	Caltrans Performance Measurement System
PER	Paleontological Resources Evaluation Report
PIR	Paleontological Resources Identification and Evaluation Report
PM	particulate matter

PM	Post Mile
PM ₁₀	particulate matter less than 10 microns in size
PM _{2.5}	particulate matter less than 2.5 microns in size
PMP	Paleontological Mitigation Plan
PMR	Paleontological Mitigation Report
POAQC	Project of Air Quality Concern
POM	polycyclic organic matter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
ppm	parts per million
PRC	Public Resources Code
PROC	Process Water Supply
Protocol	Caltrans Transportation Project–Level Carbon Monoxide Protocol
PS&E	Plans, Specifications, and Estimates
PSR/PDS	Project Study Report/Project Development Support

Q

QA/QC	quality assurance/quality control
Questar	Four Corners Pipeline

R

RAP	Relocation Assistance Program
RARE	Rare, Threatened, or Endangered Species
RCRA	Resource Conservation and Recovery Act of 1976
RCTC	Riverside County Transportation Commission
RE	Estate Residential
REC	Recognized Environmental Conditions
REC-1	Contact Water Recreation
REC-2	Noncontact Water Recreation
RMP	Regional Mobility Plan
ROD	Record of Decision
RSA	Resource Study Areas
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board

S

SAA	Streambed Alternation Agreement
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SBCM	San Bernardino County Museum
SBSD	Bernardino County Sheriff's Department
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 Company
SCH	State Clearinghouse
SCS	Sustainable Communities Strategy
SDC	Seismic Design Criteria
SER	Standard Environmental Reference
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan

SLF	Sacred Lands File
SMARA	Surface Mining and Reclamation Act
SO ₂	sulfur dioxide
SONGS	San Onofre Nuclear Generating Station
SR-133	State Route 133
SR-241	State Route 241
SR-261	State Route 261
SR-55	State Route 55
SR-71	State Route 71
SR-91	State Route 91
SSC	Species of Special Concern
SVP	Society of Vertebrate Paleontology
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T	
TCA	Transportation Corridor Agencies
TCE	temporary construction easements
TCWG	Transportation Conformity Working Group
TDM	Transportation Demand Management
TDS	Total Dissolved Solids
TMDLs	Total Maximum Daily Loads
TMP	Transportation Management Plan
TNM	Traffic Noise Model
TSCA	Toxic Substances Control Act
TSM	Transportation System Management
U	
U.S. EPA	United States Environmental Protection Agency
Uniform Act	Uniform Relocation Assistance and Real Property Acquisition Policies Act
USACE	United States Army Corps of Engineers
USC	United States Code
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
V	
VA	Value Analysis
VHT	vehicle hours travelled
VIA	Visual Impact Assessment
VMT	vehicle miles traveled
VOCs	volatile organic compounds
W	
WARM	Warm Freshwater Habitat
WDRs	Waste Discharge Requirements
WILD	Wildlife Habitat
WMAs	Watershed Management Areas
WPCP	Water Pollution Control Plan

WQAR	Water Quality Assessment Report
WR-MSHCP	Western Riverside County Multiple Species Habitat Conservation Plan

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