

## Appendix G List of Acronyms

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°F	degrees Fahrenheit
µg/m <sup>3</sup>	micrograms per cubic meter
AA	Alternative Analysis
AADT	annual average daily traffic
AB	Assembly Bill
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ACS	American Community Survey
ADA	Americans with Disabilities Act
ADL	aerially deposited lead
APCD	Air Pollution Control District
APE	Area of Potential Effects
AQMD	Air Quality Management District
ARB	California Air Resources Board
ASPP	Adelanto Solar Power Project
ASR	Archaeological Survey Report
AST	aboveground storage tank
ASTM	American Society of Testing and Materials
ATC	automatic train control
ATSF	Atchison, Topeka and Santa Fe Railroad
AUM	animal unit month
AVAQMD	Antelope Valley Air Quality Management District
AVG Basin	Antelope Valley Groundwater Basin

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BAT/BCT	Best Available Technology Economically Achievable/Best Conventional Pollutant Control Technology
BDSBL	Edison Company Boulder Dam – San Bernardino 115-kV Transmission Line
BDTL	Boulder Dam Transmission Lines 1, 2, and 3 and Towers
BFE	Base Flood Elevation
BLM	Bureau of Land Management
BMPs	Best Management Practices
BNSF	Burlington Northern Santa Fe
BRC	Blue Ribbon Committee
BRT	bus rapid transit
BSA	Biological Study Area
BT&H	Business, Transportation, and Housing Agency
BTU	British Thermal Unit
CAA	Clean Air Act
CAFÉ	Corporate Average Fuel Economy
Cal/EPA	California Environmental Protection Agency
Cal-IPC	California Exotic Plant Council
Caltrans	California Department of Transportation
CCP	Construction Contingency Plan
CDCA	California Desert Conservation Area
CDFW	California Department of Fish and Wildlife
CDH	designated critical habitat
CDP	Census designated place
CEC	California Energy Commission
CEQ	Council on Environmental Quality

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CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CESA	California Endangered Species Act
CFR	<i>Code of Federal Regulations</i>
CH <sub>4</sub>	methane
CHP	California Highway Patrol
CIA	Community Impact Assessment
CIDH	cast-in-drilled-hole
CIP	Capital Improvement Programming
CNDDDB	California Natural Diversity Database
CNG	compressed natural gas
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO-CAT	The Coastal Ocean Climate Action Team
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CTC	California Transportation Commission
CTP	California Transportation Plan
CTR	California Toxics Rule
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel

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DEMU	diesel electric multiple unit
DMP	Drainage Master Plan
DO	dissolved oxygen
DOC	Department of Conservation
DOT	Department of Transportation
DPGR	District Preliminary Geotechnical Report
DPM	diesel particulate matter
DRIR	Draft Relocation Impact Report
DRRP	Diesel Risk Reduction Plan
DSA	disturbed soil area
du/ac	dwelling units per acre
EAFB	Edwards Air Force Base
EDD	Employment Development Department
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMU	electric multiple unit
EO	Executive Order
EOC	Economic Opportunity Areas
EPA	United States Environmental Protection Agency
ESA	Environmentally Sensitive Area
ETC	electronic toll collection
EV	electric vehicle
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
FLPMA	Federal Land Policy and Management Act of 1976
FMMP	Farmland Mapping and Monitoring Program
FOE	Finding of Effect
FPPA	Farmland Protection Policy Act
FRA	Federal Railroad Administration
FSZ	Farmland Security Zone
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GAFB	George Air Force Base
GAVEA	Greater Antelope Valley Economic Alliance
GHG	greenhouse gas
GIS	Geographic Information System
GUI	Graphical User Interface
H <sub>2</sub> S	hydrogen sulfide
HDC	High Desert Corridor
HDCJPS	High Desert Corridor Joint Powers Authority
HDM	Highway Design Manual
HEC-RAS	Hydrologic Engineering Center River Analysis System
HEI	Health Effects Institute
HMMP	Habitat Mitigation Monitoring Plan
HOV	high-occupancy vehicle
HPSR	Historic Property Survey Report

HRER	Historical Resources Evaluation Report
HSP	Health and Safety Plan
HSR	High-Speed Rail
HST	high-speed train
HUs	Hydrologic Units
HUC	hydrologic unit code
HVAC	heating, ventilation, and air conditioning
I-15	Interstate 15
I-5	Interstate 5
IGR	Intergovernmental Review
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IRIS	Integrated Risk Information System
ISA	Initial Site Assessment
ISTEA	Intermodal Surface Transportation Efficiency Act
IT	Information Technology
ITS	Intelligent Transportation System
KV	Key View
kV	kilovolt
kW	kilowatt
LADWP	Los Angeles Department of Water and Power
LAWA	Los Angeles World Airports
LBP	lead-based paint
LD-IGR	Local Development-Intergovernmental Review
L <sub>dn</sub>	day-night average sound pressure level

LED	light-emitting diode
LEDPA	Least Environmentally Damaging Practicable Alternative
LEHD	Longitudinal Employer-Household Dynamics
$L_{eq}$	equivalent sound pressure level
$L_{max}$	maximum sound pressure level
LNG	liquefied natural gas
LOS	Level of Service
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century
MBTA	Migratory Bird Treaty Act
MCLs	maximum containment levels
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
Metro	Los Angeles County Metropolitan Transportation Authority
mg/L	milligrams per liter
MLD	Most Likely Descendant
MMT	million metric tons
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MP	milepost
mph	miles per hour
MPO	Metropolitan Planning Organization
MRG Basin	Mojave River Groundwater Basin
MRI	magnetic resonance imaging
MS4	Municipal Separate Storm Sewer System
MSATs	mobile source air toxics

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MSE	mechanically stabilized earth
MTPD	metric tons per day
MTPY	metric tons per year
MW	megawatt
MWS	Mojave Water Agency
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NADR	Noise Abatement Decision Report
NAHC	Native American Heritage Commission
NASA	National Aeronautics and Space Administration
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act of 1966
NHTSA	National Highway Traffic Safety Administration
NNL	National Natural Landmarks
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOAA Fisheries	National Oceanic and Atmospheric Administration National Marine Fisheries Service
NOI	Notice of Intent
NOP	Notice of Preparation
NO <sub>x</sub>	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List
NRCS	Natural Resource Conservation Service

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NRHP	National Register of Historic Places
O <sub>3</sub>	ozone
OEHHA	Office of Environmental Health Hazard Assessment
OH	Overhead
OHWM	ordinary high water mark
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSTP	Office of Science and Technology Policy
PA	Programmatic Agreement
Pb	lead
PDT	Project Development Team
PHPP	Palmdale Hybrid Power Project
PIR/PER	Paleontological Identification Report/Paleontological Evaluation Report
PFYC	Potential Fossil Yield Classification
PM	particulate matter
PM	Postmile
PM <sub>10</sub>	particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter
PMD	Palmdale Regional Airport
PMP	Paleontological Monitoring Plan
PPA	Power Purchase Agreement
ppm	parts per million
PPP	Public Private Partnership
PPV	peak particle velocity

PRC	Public Resources Code
PS&E	Plans, Specifications, and Estimate
PTC	positive train control
PV	photovoltaic
RAP	Relocation Assistance Program
RCB	reinforced concrete box
RCRA	Resource Conservation and Recovery Act of 1976
RECs	recognized environmental conditions
RMS	root mean square
ROG	reactive organic gas
ROW	right-of-way
RPW	relatively permanent water
RPZ	Runway Protection Zone
RSTIS	Regionally Significant Transportation Investment Study
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RV	recreational vehicle
RWQCB	Regional Water Quality Control Board
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SANBAG	San Bernardino Associated Governments
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIS	South Central Coastal Information Center

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SCE	Southern California Edison
SCLA	Southern California Logistics Airport
SCS	Sustainable Communities Strategy
SDC	Seismic Design Criteria
SF <sub>6</sub>	tetrafluoromethane, hexafluoroethane, sulfur hexafluoride
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SLF	Sacred Lands File
SO <sub>2</sub>	sulfur dioxide
SO <sub>4</sub>	sulfate
SR	State Route
STAA	Surface Transportation Assistance Act of 1982
STEAM	Surface Transportation Efficiency Analysis Model
SWAMP	Surface Water Ambient Monitoring Program
SWANCC	Solid Waste Agency of Northern Cook County
SWMP	Storm Water Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TASAS	Traffic Accident Surveillance and Analysis System
TCEs	temporary construction easements
TCWG	Transportation Conformity Working Group
TDCs	targeted design constituents
TDD	telecommunications device for the deaf
TDM	Transportation Demand Management

TDS	total dissolved solids
TeNS	Technical Noise Supplement
TMDLs	total maximum daily loads
TMP	Traffic Management Plan
TNW	traditional navigable water
TOD	transit-oriented development
TOG	total organic gases
TPSS	Traction Power Substation
TSCA	Toxic Substances Control Act
TSM	Transportation System Management
U.S.C.	United States Code
UPRR	Union Pacific Railroad
US 395	United States Highway 395
USACE	U.S. Army Corps of Engineers
USDA	U.S. 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 tank
UWMPs	Urban Water Management Plans
VA	Value Analysis
VdB	vibration decibels
VIA	Visual Impact Assessment
VMT	vehicle miles traveled

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vpd	vehicles per day
VVTA	Victor Valley Transit Authority
WD	Water District
WDRs	waste discharge requirements
WPCP	Water Pollution Control Plan
WQOs	Water Quality Objectives
WQPT	Water Quality Planning Tool
WQV	water quality volume

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