

## 15 ACRONYMS AND ABBREVIATIONS

<b>Abbreviations &amp; Acronyms</b>	<b>Explanations</b>
ACM	Asbestos-Containing Materials
ACS	American Community Survey
ADT	average daily traffic
af	acre-feet
AFY	acre-feet per year
APE	area of potential effects
APN	Assessor's Parcel Number
AQMD	Air Quality Management District
ASR	Archaeological Survey Report
ASTM	ASTM International (formerly known as the American Society for Testing and Materials)
ATP	Archaeological Treatment Plan
Authority	California High-Speed Rail Authority
BETP	Built Environment Treatment Plan
BMP	best management practice
BNSF	BNSF Railway (formerly known as Burlington Northern Santa Fe Railway)
Btu	British thermal unit
BOR	Bureau of Reclamation
C&D	construction and demolition
C.F.R.	Code of Federal Regulations
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDMG	California Division of Mines and Geology
CEC	California Energy Commission
CEQA	California Environmental Quality Act

CGS	California Geological Survey
CHSTS	California High Speed Train System
CIA	Community Impact Assessment
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
COG	Council of Government
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
CVFP	Central Valley Flood Protection Board
CVRWQCB	Central Valley Regional Water Quality Control Board
CWHR	California Wildlife Habitat Relationship System
dBA	A-weighted decibel(s)
dBA Leq	A-Weighted Decibels Equivalent Continuous Noise Level
DOC	California Department of Conservation
DOGGR	California Department of Oil, Gas, and Geothermal Resources
EDR	Environmental Data Resources, Inc.
EIR/EIS	Environmental Impact Report/Environmental Impact Statement
EMC	electromagnetic compatibility
EMCPP	Electromagnetic Compatibility Program Plan
EMF	electromagnetic field
EMI	electromagnetic interference
ESA	Environmental Site Assessment
F-B LGA	Fresno To Bakersfield Locally Generated Alternative
FCC	Federal Communications Commission
Fed. Reg.	Federal Register
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FSZ	Farmland Security Zone
FTA	Federal Transit Administration
GAMAQI	Guide for Assessing and Mitigating Air Quality Impacts
GHG	Greenhouse Gas

GIS	Geographic Information System
GWh	gigawatt-hour
HASR	Historic Architectural Survey Report
HCM	<i>Highway Capacity Manual</i>
HMF	Heavy Maintenance Facility
HPSR	Historic Property Survey Report
HSR	High-Speed Rail
HV	High Voltage
Hz	hertz
IEEE	Institute of Electrical and Electronic Engineers
in/sec	Inches Per Second
KVP	key viewpoint
Ldn	day-night sound level, dBa
LEDPA	Least Environmentally Damaging Practicable Alternative
LEP	limited English proficiency
Leq	Equivalent Sound Level, dBa
LOMR	Letter of Map Revision
LOS	level of service
LWCF	Land and Water Conservation Fund
MBHCP	Metropolitan Bakersfield Habitat Conservation Plan
mG	milligauss
MMBtu	million British thermal unit
MMEP	Mitigation Monitoring and Enforcement Plan
MOA	memorandum of agreement
MOIF	maintenance of infrastructure facilities
MPE	maximum permissible exposure
MSAT	mobile-source air toxics
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act of 1966
NOA	naturally occurring asbestos
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service

NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSR	Noise Study Report
O&M	Operations and Maintenance
OCC	Operation Control Center
OEHHA	California office of Environmental Health Hazard Assessment
OHP	California Office of Historic Preservation
OHWM	Ordinary High Water Mark
PA	programmatic agreement
PCB	polychlorinated biphenyls
PEC	potential environmental concern
PEPD	Preliminary Engineering for Project Definition
PG&E	Pacific Gas and Electric
PIM	public information meeting
PPV	peak particle velocity
PRMMP	Paleontological Resource Monitoring and Mitigation Plan
PRS	paleontological resource specialist
PTE	permission to enter
RF	radio frequency
RFI	radio-frequency interference
ROW	right-of-way
RTP	Regional Transportation Plan
SB	(California) Senate Bill
SEL	sound exposure level
SFHA	Special Flood-Hazard Areas
SHPO	State Historic Preservation Office(R)
SIL	Significant Impact Level
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SR	State Route
SSJVIC	San Joaquin Valley Information Center
STB	Surface Transportation Board
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plans

SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TATR	Transportation Analysis Technical Report
TCP	traditional cultural property
TMDL	total maximum daily load
TOD	transit-oriented development
TPSS	traction power substation
TRIP	Thomas Roads Improvement Program
TSP	tubular steel poles
TWG	Technical Working Groups
U.S.	United States
U.S. DOI	United States Department of the Interior
U.S. DOT	United States Department of Transportation
U.S.C.	United States Code
UPRR	Union Pacific Railroad
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEO	United States Executive Order
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USSOI	United States Secretary of the Interior
VdB	vibration velocity level
VERA	Voluntary Emission Reduction Agreement
VFHCP	Valley Floor Habitat Conservation Plan
VMT	vehicle miles traveled

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