

Appendix G LIST OF ACRONYMS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter

A

A/E	approaches/exceeds
AADT	annual average daily traffic
AADTT	annual average daily truck traffic
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACEC	Area of Critical Environmental Concern
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ACS	American Community Survey
ACTA	Alameda Corridor Transportation Authority
ADA	Americans with Disabilities Act of 1990
ADL	aerially deposited lead
ADT	average daily traffic
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AFV	alternative fuel vehicle
ALT	Alternative
AMECS	Advanced Maritime Emissions Control System
amsl	above mean sea level
AOC	Areas of Concern
AOI	Area of Interest
APCD	Air Pollution Control District
APD	Area of Project Disturbance
APE	Area of Potential Effects
APN	Assessor's Parcel Number
AQ	air quality
AQ/GHG/HRA Technical Study	Air Quality, Greenhouse Gas, and Health Risk Assessment Technical Study
AQ/HRA	Air Quality and Health Risk Assessment
AQAP	Air Quality Action Plan
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ARB	California Air Resources Board
ARTBA	American Road and Transportation Builders Association
ASR	Archaeological Survey Report
AST	aboveground storage tank
ASTM	American Society of Testing and Materials
AT&T	American Telephone and Telegraph Company
AVCS	Automated Vehicle Control System

AVL Automatic Vehicle Locator

B

BA Biological Assessment
 BACT Best Available Control Technology
 Basin South Coast Air Basin
 bgs below ground surface
 BLM Bureau of Land Management
 BMP best management practice
 BNSF Railroad Burlington Northern Santa Fe Railroad
 BSA biological study area
 BTU British thermal unit
 BUOW burrowing owl

C

CA CBG California Clean Burning Gasoline
 CA FID California Facility Inventory Database
 CA LUST California Leaking Underground Storage Tank
 CA WDS California Waste Discharge System Database
 CA-7 Community Alternative 7
 CAAQS California ambient air quality standards
 CAC Community Advisory Committee
 CAFE Corporate Average Fuel Economy
 Cal/EPA California Environmental Protection Agency
 California Register California Register of Historical Resources
 Cal-IPC California Invasive Plant Council
 Cal-OSHA California Division of Occupational Safety and Health
 Administration
 CalRecycle California Department of Resources Recycling and Recovery
 CALSTART Clean Transportation Solutions
 Caltrans California Department of Transportation
 CARB California Air Resources Board
 CART Cudahy Area Rapid Transit
 CATV cable television
 CCAR GRP California Climate Action Registry General Reporting Protocol
 CCC California Coastal Commission
 CCCD Compton Community College
 CCP Construction Contingency Plan
 CCR California Code of Regulations
 CD collector-distributor
 CDFW California Department of Fish and Wildlife
 CEC California Energy Commission
 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

I-710 Corridor Project RDEIR/SDEIS

CERC-NFRAP	CERCLIS No Further Remedial Action Planned List
CERFA	Community Environmental Response Facilitation Act of 1992
CESA	California Endangered Species Act
CFP	California Fully Protected
CFPD	Consolidated Fire Protection District
CFR	Code of Federal Regulations
Cfs	cubic feet per second
CGP	Construction General Permit
CH ₄	methane
CHI	chronic health index
CHMIRS	California Hazardous Material Incident Reporting System
CHP	California Highway Patrol
CIA	Community Impact Assessment
CIDH	cast-in-drilled hole
CISS	cast-in-steel shell
CLOMR	Conditional Letter of Map Revision
CLT	California least tern
CMP	Congestion Management Program
CNG	compressed natural gas
CNPS	California Native Plant Society
CO	carbon monoxide
CO Protocol	Carbon Monoxide Protocol
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CO-CAT	Coastal Ocean Climate Action Team
COCs	Contaminants of Concern
COG	Council of Governments
CORRACTS	RCRA Corrective Action Sites
Cortese	California Environmental Protection Agency Hazardous Waste and Substances Sites (List)
CPA	Consumer Power Authority
CPCN	Certificate of Public Convenience and Necessity
CPTP	Clean Port Truck Program
CPUC	California Public Utilities Commission
CSS	coastal sage scrub
CSULA	California State University, Los Angeles
CTC	County Transportation Commissions
CTP	California Transportation Plan
CUPA	Certified Unified Program Agencies
CUSD	Compton Unified School District
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
D	
DAC	District Advisory Commission
DASH	Dependable, Accessible, Senior and Handicapped
dB	decibel(s)
dBA	A-weighted decibel(s)
dB _{peak}	maximum or peak measured decibel level

DD	(Caltrans) Deputy Directive
DDT	dichlorodiphenyltrichloroethane
DOE	United States Department of Energy
DOT	United States Department of Transportation
DP	(Caltrans) Director's Policy
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DSA	Disturbed Soil Area
DTSC	Department of Toxic Substances Control
DWP	Los Angeles Department of Water and Power
E	
E85	ethanol, 85 percent
EA	Environmental Assessment
EB	eastbound
EC	elemental carbon
ECR	Environmental Commitments Record
EDR	Environmental Data Resources, Inc.
EFH	essential fish habitat
EIA	Energy Information Administration
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMF	electromagnetic fields
EMI	Emission Inventory Data
EO	Executive Order
EPA	United States Environmental Protection Agency
ESA	Environmentally Sensitive Area
ESU	Evolutionarily Significant Unit
ETW	edge of traveled way
EVC	electric vehicle charging
F	
FAST Act	Fixing America's Surface Transportation Act
FC	freight corridor
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
FINDS	Facility Index Systems
FIRM	Flood Insurance Rate Map
FLPMA	Federal Land Policy and Management Act of 1976
FR	Federal Register
ft	foot/feet
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
G	
g/bhp-hr NO _x	grams per brake horsepower-hour of oxides of nitrogen

I-710 Corridor Project RDEIR/SDEIS

gal	gallon(s)
Gateway Cities COG	Gateway Cities Council of Governments
GWh	gigawatt-hours
GHG	greenhouse gases
GIS	geographic information system
GLAVCD	Greater Los Angeles County Vector Control District
GO	General Order
GP	general purpose
GPS	global positioning system
Guidelines	Section 404 (b)(1) Guidelines
GWMA	Groundwater Management Area
GWP	global warming potential

H

H ₂ S	hydrogen sulfide
HAZNET	Hazardous Waste Manifests System
HCP	Habitat Conservation Plan
HDM	Highway Design Manual
HEC-RAS	Hydrologic Engineering Center's River Analysis System
HFC-134a	1,1,1,2 –tetrafluoroethane
HFC-152a	difluoroethane
HFC-23	fluoroform
HHD	heavy-duty trucks
HIST-UST	historical underground storage tank
HMIRS	Hazardous Materials Information Resource System
HMMP	Habitat Mitigation and Monitoring Plan
HMS	Health Management Systems
HOV	high-occupancy vehicle
HPSR	Historical Property Survey Report
HRA	Health Risk Assessment
HRER	Historical Resources Evaluation Report
HUD	United States Department of Housing and Urban Development
HVAC	heating, ventilation, and air conditioning

I

I-10	Interstate 10
I-105	Interstate 105
I-110	Interstate 110
I-405	Interstate 405
I-5	Interstate 5
I-5 JPA	Interstate 5 Joint Powers Authority
I-605	Interstate 605
I-710	Interstate 710
IAH	Index for Acute Health Hazard
ICIS	Integrated Compliance Information System
ICTF	Intermodal Container Transfer Facility
IFA	Initial Feasibility Analysis
in/sec	inches per second
IP	Individual Permit

IPCC	Intergovernmental Panel on Climate Change
IRIS	Integrated Risk Information System
IRWMP	Integrated Regional Water Management Plan
ISA	Initial Site Assessment
ITS	Intelligent Transportation Systems
K	
kV	kilovolt
kW	kilowatt
kWh	kilowatt-hours
L	
L	long-range
LAC	Local Advisory Committee
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LACFD	Los Angeles County Fire Department
LACM	Los Angeles County Museum of Natural History
LACSD	Los Angeles County Sherriff's Department
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAUSD	Los Angeles Unified School District
LBFD	Long Beach Fire Department
LBP	lead-based paint
LBPD	Long Beach Police Department
lbs/day	pounds per day
lbs/hr	pounds per hour
LBT	Long Beach Transit
LCP	Local Coastal Program
LDA	light-duty automobiles
LDT1	light duty trucks
LDV	light duty vehicle
LEDPA	Least Environmentally Damaging Practicable Alternative
L_{eq}	equivalent continuous noise level
$L_{eq}(h)$	hourly equivalent continuous noise level
LID	low impact development
L_{max}	maximum sound level
LNG	liquefied natural gas
LOMR	Letter of Map Revision
LOP	Letter of Permission
LOS	level of service
LOTB	log of test boring
LPG	liquefied petroleum gas
LPS	Locally Preferred Strategy
LRTP	Long-Range Transportation Plan
LUSD	Lynwood Unified School District
LUST	leaking underground storage tank

M

M	medium-range
MagLev	Magnetically Levitated Container Transport System
MAOF	Mexican American Opportunity Foundation
MAP-21	Moving Ahead for Progress in the 21 st Century Act
MATES	Multiple Air Toxic Exposure Studies
MBTA	Migratory Bird Treaty Act
MCE	Maximum Credible Earthquake
MCL	Maximum Contaminant Level
MCS	Major Corridor Study
MEP	Maximum Extent Practicable
Metro	Los Angeles County Metropolitan Transportation Authority
mg/m ³	milligrams per cubic meter
MICR	maximum incremental cancer risk
MLD	Most Likely Descendant
MMMP	Mitigation Management and Monitoring Plan
MMPA	Marine Mammal Protection Act
MMT	million metric tons
MOU	Memorandum of Understanding
mph	miles per hour
MPO	Metropolitan Planning Organization
MS4	municipal separate storm sewer systems
MSAT	Mobile Source Air Toxics
MSC	Multi-Service Center for Homelessness
MTA	Metropolitan Transportation Authority
MTBE	methyl tertiary butyl ether
MW	megawatt
MWDSC	Metropolitan Water District of Southern California

N

N ₂ O	nitrous oxide
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
NEPA	National Environmental Policy Act
NERC	Federal North American Electric Reliability Corporation
NES	Natural Environment Study
NHPA	National Historic Preservation Act
NHS	National Highway System
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NOA	naturally occurring asbestos
NOAA	National Oceanic and Atmospheric Administration

NOI	Notice of Intent
NOP	Notice of Preparation
NOT	Notice of Termination
NOV	Notice of Violations
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NWP	Nationwide Permit
NZE	near zero emission
O	
O ₂	oxygen
O ₂ Diesel	O ₂ diesel ethanol-diesel fuel
O ₃	ozone
OCTA	Orange County Transportation Authority
OEHHA	Office of Environmental Health Hazard Assessment
OHWM	ordinary high water mark
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OSHARP	Open Space for Habitat and Recreation Plan
OSHARTM	Open Space for Habitat and Recreation Technical Memorandum
OSTP	Office of Science and Technology Policy
P	
PA	Programmatic Agreement
PA&ED	Project Approval and Environmental Documentation
Pb	lead
PCB	polychlorinated biphenyl
PCE	Perchloroethylene
PCH	Pacific Coast Highway
PEA	Preliminary Environmental Assessment
PID	Project Initiation Document
PM	particulate matter
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
PNA	polynuclear aromatic hydrocarbon
POAQC	Project of Air Quality Concern
POLA	Port of Los Angeles
POLB	Port of Long Beach
POM	polycyclic organic matter
Porter-Cologne Act	California Porter-Cologne Water Quality Control Act
Ports	Ports of Los Angeles and Long Beach
PPDG	Project Planning and Design Guide
Ppm	parts per million
PPP	Public-Private Partnership
PPV	peak particle velocity
PRC	Public Resources Code

I-710 Corridor Project RDEIR/SDEIS

Protocol	Caltrans <i>Traffic Noise Analysis Protocol</i>
PSI	Preliminary Site Investigation
PTC	Permit to Construct
PUSD	Paramount Unified School District
R	
R	reverse fault
RAP	Relocation Assistance Program
RC	Resource Change
RCP	reinforced concrete pipe
RCRA	Resource Conservation and Recovery Act of 1976
RCRA-SQG	Resource Conservation and Recovery Act Small-Quantity Generator Database
RDEIR	Recirculated Draft Environmental Impact Report
RE	Resident Engineer
REC	Recognized Environmental Conditions
REEV	Range Extender Electric Vehicle
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank
RHA	Rivers and Harbors Act of 1899
RIR	Relocation Impact Report
RLSS	right lateral strike-slip fault
RMC	Rivers and Mountains Conservancy Watershed Conservation Authority (RMC/WCA)
ROG	reactive organic gases
ROW	Right-of-way
RPM	respirable particulate matter
RSA	Resource Study Area
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RV	recreational vehicle
RW	Receiving Water
RWQCB	Regional Water Quality Control Board
S	
S	short-term
SAA	Streambed Alteration Agreement
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB	southbound
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCGC	Southern California Gas Company
SCH	State Clearinghouse
SCIG	Southern California International Gateway
SCS	Sustainable Communities Strategy

SDC	Seismic Design Criteria
SDEIS	Supplemental Draft Environmental Impact Statement
SEL	Sound Exposure Level
SELAC	Southeast Los Angeles County (SCAG subregion)
SER	Standard Environmental Reference
SHPO	State Historic Preservation Officer
SHS	State Highway System
SIP	State Implementation Plan
SLF	Sacred Lands File
SLIC	SWRCB Spills, Leaks, Investigations, and Cleanups
SMMRCA	Santa Monica Mountains Recreation and Conservation Authority
SNI	Substantial Noise Increase
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SR-1	State Route 1 (Pacific Coast Hwy.)
SR-103	State Route 103
SR-42	State Route 42
SR-47	State Route 47
SR-60	State Route 60
SR-90	State Route 90
SR-91	State Route 91
SSP	Standard Special Provisions
SVE	soil vapor extraction
SVP	Society of Vertebrate Paleontology
SW	soundwall
SWAT	Solid Waste Assessment Test
SWDR	Storm Water Data Report
SWEEPS	Statewide Environmental Evaluation and Planning System
SWF/LF	Solid Waste Facility/Landfill
SWG	Subject Working Group
SWIS	Solid Waste Information System
SWMP	Storm Water Management Plan
SWMU	Solid Waste Management Unit
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board

T

TAC	Technical Advisory Committee
TASAS	Traffic Accident Surveillance and Analysis System
TAZ	Transportation Analysis Zones
TCE	Temporary Construction Easement
TCM	Transportation Control Measures
TCWG	Transportation Conformity Working Group
TDM	Transportation Demand Management
TDS	total dissolved solids
TEU	twenty-foot equivalent unit
THL	temporary hearing loss
TIP	Transportation Improvement Program
TMC	Transportation Management Center

TMDL	Total Maximum Daily Load
TMP	Transportation Management Plan
TNW	traditional navigable water
TOG	total organic gas
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSM	Transportation System Management
TSWG	Transportation Subject Working Groups
TTS	temporary threshold shift

U

UCD	University of California, Davis
UFP	ultrafine particulate
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
Uniform Act	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
UP Railroad	Union Pacific Railroad
URA	Urban Redevelopment Authority
US	United States
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROLS	Institutional Controls Sites List
US-101	United States Route 101
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
UST	underground storage tank

V

V/C ratio	volume-to-capacity ratio
VC/SCCAB	Ventura County/South Central Coast Air Basin
VCC	Visual Character Change
VCP	Voluntary Cleanup Program
VE	Viewer Exposure
VHD	vehicle hours delay
VHT	vehicle hours traveled
VIA	Visual Impact Assessment
VMT	vehicle miles traveled
VOC	volatile organic compounds
VR	Viewer Response
VS	Viewer Sensitivity

W

WB	Westbound
WCA	Watershed Conservation Authority
WDR	Waste Discharge Requirement
WDS	Waste Discharge System

WMDUS	State Waste Management Unit Database System
WPCP	Water Pollution Control Plan
WQO	Water quality objectives

Z

ZE	zero emission
ZEE	zero emission extension