

VIII. Acronyms and Abbreviations

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µg	microgram
µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2012–2035 RTP/SCS	2012–2035 Regional Transportation Plan/Sustainable Communities Strategy
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
AAM	annual arithmetic mean
AB	Assembly Bill
ac	acres
ACC II	Advanced Clean Cars II
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADPA	Archaeological Data Preservation Act
ADT	average daily traffic
AES	Acoustical Engineering Services
af	acre-feet
afy	acre-feet per year
AIM	advance infrastructure mitigation
Air Basin	South Coast Air Basin

ALUC	Airport Land Use Commission
AMSL	above mean sea level
APC	area planning commission
APSA	Aboveground Petroleum Storage Act
AQMP	air quality management plan
AR4	IPCC Fourth Assessment Report
AR5	IPCC Fifth Assessment Report
ARG	Architectural Resources Group
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ASTM Standard E1527-13	ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process
ATCM	airborne toxic control measure
ATCS	adaptive traffic control system
ATSAC	automated traffic surveillance and control
BAU	business-as-usual
BEN	bicycle enhanced network
BEP	business emergency plan
BEV	battery electric vehicle
bgs	below ground surface
bhp	brake horsepower
BLN	bicycle lane network
BLS	basic life support
BMPs	best management practices
BOD	biological oxygen demand
BOE	City of Los Angeles Bureau of Engineering
Bureau of Engineering	Department of Public Works, Bureau of Engineering

C ₂ H ₄ F ₂	1,1-Difluoroethane
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
Cal OES	California Office of Emergency Services
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model
Cal-EMA	California Emergency Management Agency
CalEPA	California Environmental Protection Agency
CalGEM	California Geologic Energy Management Division
CALGreen	California Green Building Standards
CALGreen Code	California Green Building Standards Code
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model Version 4
Cal-OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources Recycling and Recovery
CalSTA	California State Transportation Agency
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAS	climate adaptation strategy
CAT	climate action team
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCTV	closed-circuit TV

CDFA	California Department of Food and Agriculture
CDR	carbon dioxide removal
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CEUS	commercial end-use survey
cf	cubic feet
CF ₄	Tetrafluoromethane
CFC	California Fire Code
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane
CHC	Cultural Heritage Commission
CHF ₃	Fluoroform
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CI	carbon intensity [Section IV.E, Greenhouse Gas Emissions]
CI	compression ignition [Section IV.A, Air Quality]
cis-1,2-DCE	cis-1,2-dichloroethene
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis
City	City of Los Angeles
Climate Registry	California Climate Action Registry
CNEL	community noise equivalent level
CNG	compressed natural gas
CO	carbon monoxide

CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COCs	chemicals of concern
Community Plan	Wilshire Community Plan
COMPSTAT	crime control model computer statistics
Cortese List	Hazardous Waste and Substances Sites
County Flood Control	Los Angeles County Flood Control District
CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CRA	Colorado River Aqueduct
CREC	controlled REC
CTC	California Transportation Commission
CUP	conditional use permit
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
CWC	California Water Code
D	diameter
d/D	depth-to-diameter ratio
DASH	Downtown Area Shuttle
dB	decibels
dba	A-weighted decibels
DDT	dichloro-diphenyl-trichloroethane
DHS	Department of Health Services
DNL	day-night average noise level
DOE	United States Department of Energy
DOF	California Department of Finance

DOGGR	Division of Oil, Gas, and Geothermal Resources
DOSH	Division of Occupational Safety and Health
DPM	diesel particulate matter
DRO	diesel range organics
DTSC	Department of Toxic and Substance Control
du	dwelling units
DWR	Department of Water Resources
ED 5	Executive Directive No. 5
EHLF	emergency helicopter landing facility
EIA	U.S. Energy Information Administration
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
ELDP	environmental leadership development project
EMD	emergency management department
Emergency Regulation	Emergency Water Conservation Regulation
EMFAC	EMission FACtor
EMFAC2021	CARB EMission FACtor 2021 model
EMMA	emergency managed mutual aid
EMS	emergency medical service
EOC	emergency operation center
EOO	emergency operations organization
ERO	electric reliability organization
ERP	emergency response plan
ESLs	environmental screening levels
EV	electric vehicle
EVSE	electric vehicle supply equipment
EWMP	enhanced watershed management program

FAR	floor area ratio
FED	functional equivalent document
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIND	facility information database
FIRM	flood insurance rate map
FIS	flood insurance study
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
ft/ft	feet per foot
FTA	Federal Transit Administration
gal	gallons
General Plan	City of Los Angeles General Plan
Geotechnical Addendum I	Preliminary Geotechnical Engineering Investigation, Addendum I—Response to Soils Report Review Letter
Geotechnical Addendum II	Preliminary Geotechnical Engineering Investigation, Addendum II—Additional Geotechnical Comments
Geotechnical Evaluation	Preliminary Geotechnical Engineering Investigation
GHG	greenhouse gas
Gilmore Adobe	Rancho La Brea Adobe
GIS	geographical information system
GoBiz	Governor’s Office of Business and Economic Development
gpd	gallons per day
gpm	gallons per minute
GRO	gasoline range organics
GRS	Global Realty Services

GSA	groundwater sustainability agency
GSPs	groundwater sustainability plans
GWh	gigawatt-hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HASP	health and safety plan
HazMat	hazardous materials
HCM	Highway Capacity Manual, 6th Edition [Section IV.K, Transportation]
HCM	historic-cultural monument [Section IV.B, Cultural Resources]
HCS	historic context statement
HDV	heavy duty vehicles
HFCs	hydrofluorocarbons
Historic Report	Historical Resources Technical Report—TVC 2050 Project
HMGP	hazard mitigation grant program
HMIS	hazardous material identification system
HMMP	hazardous material management program
HMTA	Hazardous Materials Transportation Act
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HREC	historical REC
HSC	Health and Safety Code
HSR	historic structure report
HTLA	helicopter tactical landing area
HVAC	heating, ventilation, and air conditioning
HWCL	Hazardous Waste Control Law
HWRP	Hyperion Water Reclamation Plant

Hydrology Manual	Los Angeles County Department of Public Works Hydrology Manual
Hydrology Report	Hydrology and Water Quality Report
Hz	hertz
I-10	Santa Monica Freeway
I-110	Harbor Freeway
I-605	San Gabriel River Freeway
IBC	International Building Code
IEPR	integrated energy policy report
IFC	International Fire Code
IFFAR	information of fire flow availability request
IIPP	injury and illness prevention program
in/sec	inches per second
IPCC	United Nations Intergovernmental Panel on Climate Change
IRP	integrated resources plan
ITE	Institute of Transportation Engineers
KPFF	KPFF Consulting Engineers
kWh	kilowatt-hour
LA Green Plan/ClimateLA	Green LA, An Action Plan to Lead the Nation in Fighting Global Warming
LAA	Los Angeles Aqueducts
LACM	Natural History Museum of Los Angeles
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department

LARWQCB	Los Angeles Regional Water Quality Control Board
LASAN	City of Los Angeles Department of Public Works, Bureau of Sanitation
LAUSD	Los Angeles Unified School District
LBP	lead-based paint
lbs/day	pounds per day
LCFS	low carbon fuel standard
L _{dn}	day-night average sound level
LDV	light duty vehicles
LED	light-emitting diode
LEED	leadership in energy and environmental design
LEL	lower explosive limit
LEV	low-emission vehicle
LID	low-impact development
LID Handbook	Development Best Management Practices Handbook, Low Impact Development Manual
LID Ordinance	Citywide Low Impact Development Ordinance
L _{max}	maximum noise level
LOS	level of service
LSTs	localized significance thresholds
LTWA	long-term water agreement
LUST	leaking underground storage tank
M	magnitude
maf	million acre-feet
Mandatory Reporting Rule	Mandatory Reporting of Greenhouse Gas Emissions
MATES-V	Multiple Air Toxics Exposure Study
MCLs	maximum contaminant levels
MDV	medium duty vehicles

mem	members
Methane Code	LAMC Chapter IX, Article 1, Division 71, Methane Seepage Regulations
Metro	Los Angeles County Metropolitan Transportation Authority
mg/cm ²	milligram per square centimeter
mgd	million gallons per day
Mitigation Memo	Potential Mitigation Measures Memorandum
MLD	most likely descendant
MMBtu	million British thermal units
MMT	million metric tons
MMTCO _{2e}	million metric tons of carbon dioxide equivalents
Mobility Plan	Mobility Plan 2035
MPD	multiple property documentation
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	LADOT Manual of Policies and Procedures
MRR	mandatory reporting rule
MS4	municipal separate storm sewer system
MTA	Metropolitan Transportation Authority
MTBE	methyl tert-butyl ether
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
MXD	mixed-use development
N/A	not available
N ₂ O	nitrous oxide

NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEHRP	National Earthquake Hazards Reduction Program
NEN	neighborhood enhanced network
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHMLA	Natural History Museum of Los Angeles County
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOI	notice of intent
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
O ₃	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OFFROAD	off-road emissions inventory program model
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
One Water LA Plan	One Water LA 2040 Plan
OPR	Office of Planning and Research
Ordinance	Cultural Heritage Ordinance [Section IV.B, Cultural Resources]
Ordinance	Flood Hazard Management Ordinance [Section IV.G, Hydrology and Water Quality]

OSHA	Occupational Safety and Health Administration
OVA	organic vapor analyzer
PAHs	polycyclic aromatic hydrocarbons
Paleontology Technical Report	Paleontological Resources Review Memorandum
Pb	lead
PCBs	polychlorinated biphenyls
PCE	tetrachloroethene
PED	pedestrian enhanced district
Peninsular Ranges	Peninsular Ranges Geomorphic Province
Pereira & Luckman	William Pereira and Charles Luckman
PF	public facilities
PFCs	perfluorocarbons
PGA	Priority Growth Area
Phase I ESA	Phase I Environmental Site Assessment
PHEV	plug-in hybrid electric vehicles
PHMSA	Pipeline and Hazardous Materials Safety Administration
PI	plasticity index
Plan for a Healthy Los Angeles	City of Los Angeles General Plan Health and Wellness Element
PM _{2.5}	fine particulate matter ≤ 2.5 microns
PM ₁₀	particulate matter ≤ 10 microns
ppb	parts per billion
PPE	personal protective equipment
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
PRPA	Paleontological Resources Preservation Act

psi	pounds per square inch
PVC	polyvinyl chloride
Rancho	Rancho La Brea
RASS	residential appliance saturation survey
RCRA	Resource Conservation and Recovery Act
RECs	recognized environmental conditions
Rehabilitation Standards	Secretary of the Interior's Standards for Rehabilitation
RFS	renewable fuel standard
RHNA	regional housing needs assessment
rm	rooms
RMS	root mean square
ROG	reactive organic compound
RPS	renewable portfolio standard
RRFB	rectangular rapid flash beacon
RSPA	Research and Special Programs Administration
RTP	regional transportation plan
RTP/SCS	regional transportation plan/sustainable communities strategy
RUWMP	2015 Regional Urban Water Management Plan
RWQCB	Regional Water Quality Control Board
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	Second Assessment Report [Section IV.E, Greenhouse Gas Emissions]
SAR	service advisory request [Section IV.M.1, Utilities and Service Systems—Water Supply and Infrastructure]
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District

SCAR	sewer capacity availability review
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SDWA	Safe Drinking Water Act
Secretary's Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
SEMS	standard emergency management system
sf	square feet
SF ₆	sulfur hexafluoride
SFB	San Fernando Basin
SFHA	special flood hazard area
SGC	Strategic Growth Council
SGMA	Sustainable Groundwater Management Act of 2014
Sign District	TVC 2050 Sign District
SIP	state implementation plan
SLCP	short-lived climate pollutant
SLIC	spills, leaks, investigations and cleanup
SLs	screening levels
SLTRP	2017 Power Strategic Long-Term Resources Plan
SMP	soil management plan
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SO _x	sulfur oxides
SPCC	spill prevention control and countermeasures
Specific Plan	TVC 2050 Specific Plan
SR	state route

SR-60	State Route 60
SRAs	source receptor areas
SSMP	sewer system management plan
stu	student
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SUSMP	standard urban stormwater mitigation plan
Sustainable pLAn 2019	City of Los Angeles' Green New Deal
SVP	Society for Vertebrate Paleontology
SVSLs	soil vapor screening levels
SWP	state water project
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
TAG	transportation assessment guidelines
TBA	tertiary butyl alcohol
TBZ	travel behavior zone
T _c	time of concentration
TCE	trichloroethene
TCFM	trichlorofluoromethane
TCMs	transportation control measures
TCR Report	Tribal Cultural Resources Report for the TVC 2050 Project
TDF	travel demand forecasting
TDM	transportation demand management
TDS	total dissolved solids
TEN	transit enhanced network
Thresholds Guide	L.A. CEQA Thresholds Guide

TMDL	total maximum daily load
TNM	traffic noise model
TOC	transit-oriented communities
TOD	transit-oriented development
TPA	transit priority area
tpd	tons per day
TPH	total petroleum hydrocarbons
TPH DRO	total petroleum hydrocarbons diesel range organics
TPH GRO	total petroleum hydrocarbons gasoline range organics
Transportation Study	Transportation Assessment for the Television City 2050 Specific Plan Project
TSCA	Toxic Substances Control Act
TSM	transportation systems management
UFC	Uniform Fire Code
ULAR	Upper Los Angeles River
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
USC	United States Code
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
UST	underground storage tank
Utility Report	TVC 2050 Project—Utility Infrastructure Technical Report: Water, Wastewater and Energy
UWMP	urban water management plan
VMT Calculator Documentation	City of Los Angeles VMT Calculator Documentation
VMT	vehicle miles traveled

VMT Calculator	City of Los Angeles VMT Calculator Version 1.3
VOC	volatile organic compound
W	watts
Water Quality Compliance Master Plan	Water Quality Compliance Master Plan for Urban Runoff
WDR	waste discharge requirement
WEAP	Worker Environmental Awareness Program
Wh	watt-hours
WIP	water infrastructure plan
WRD	Water Replenishment District of Southern California
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	water surplus and drought management plan
WSV	water supply verification
WWSI	wastewater service information
YTD	year to date
ZEV	zero-emission vehicle
ZIMAS	Zoning Information and Map Access System
ZNE	zero net energy