

VIII. Acronyms and Abbreviations

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°C	degrees Celsius
°F	degrees Fahrenheit
µg	microgram
µg/g	microgram per gram
µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
2020 MWD UWMP	MWD 2020 Urban Water Management Plan
2022 Scoping Plan	Final 2022 Scoping Plan for Achieving Carbon Neutrality
2024-2050 RTP/SCS	2024–2050 Regional Transportation Plan/Sustainable Communities Strategy
AAM	annual arithmetic mean
AB	Assembly Bill
ac	acre
ACC II	Advanced Clean Cars II
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADT	average daily traffic
AES	Acoustical Engineering Services
AFV	alternative fuel vehicles

AFY	acre-feet per year
AIM	Advance Infrastructure Mitigation
Air Basin	South Coast Air Basin
ALUC	Airport Land Use Commission
APC	Area Planning Commission
API	area of potential impact
AQMP	Air Quality Management Plan
AR4	IPCC Fourth Assessment Report
AR5	IPCC Fifth Assessment Report
Archaeological Report	<i>Archaeological Resources Assessment for the 130 West College Street Project, Los Angeles, California</i>
ARMP	archaeological resources management plan
<i>ARMR</i>	<i>Archaeological Resource Management Reports</i>
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ATCM	airborne toxic control measure
ATCS	adaptive traffic control system
ATSAC	automated traffic surveillance and control
AVTA	Antelope Valley Transit Authority
BACT	best available control technology
BEN	bicycle enhanced network
BEP	business emergency plan
BEV	battery electric vehicle
bgs	below ground surface
BLN	bicycle lane network
BMP	best management practice
C ₂ F ₆	Hexafluoroethane
C ₂ H ₄ F ₂	1,1-Difluoroethane
CA FID UST	California underground storage tank, facility inventory database

CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
Cal OES	State Office of Emergency Services
Cal/OSHA	California OSHA
CalARP	California Accidental Release Prevention
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
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4
Caltrans	California Department of Transportation
CAMP4W	Climate Adaptation Master Plan for Water
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
<i>CARB Handbook</i>	<i>Air Quality and Land Use Handbook: A Community Health Perspective</i>
CARB	California Air Resources Board
CAS	Climate Adaptation Strategy
CAT	climate action team
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCUS	carbon capture, utilization, and storage
CDFA	California Department of Food and Agriculture
CDR	carbon dioxide removal
CEC	California Energy Commission

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
cf	cubic feet
CF ₄	Tetrafluoromethane
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane
CHC	Cultural Heritage Commission
CHP	California Highway Patrol
CHRIS	California Historical Records Information System
City	City of Los Angeles
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis
Climate Registry	California Climate Action Registry
CmEQA	California Environmental Quality Act
CNEL	community noise equivalent level
CNG	compressed natural gas
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	equivalent mass of carbon dioxide
Collaborative	California Biodiversity Collaborative
Community Plan	Central City North Community Plan
CORTESE List	hazardous waste and substances sites list
County	County of Los Angeles
CPA	Central City North Community Plan Area
CPUC	California Public Utilities Commission

CREC	controlled REC
CTC	California Transportation Commission
CTMP	construction traffic management plan
CUPA	certified unified program agency
CVC	California Vehicle Code
CWC	California Water Code
dB	decibels
dBA	A-weighted decibel filtering system
DBS	Department of Building and Safety
Delta	Sacramento River Delta
Design Guide	City of Los Angeles Complete Streets Design Guide
DIVCA	Digital Infrastructure and Video Competition Act of 2006
DNL	day-night average noise level
DOE	Department of Energy
DOGGR	Division of Oil, Gas, and Geothermal Resources
DOSH	California Division of Occupational Safety and Health
DPM	diesel particulate matter
DTLA 2040	Downtown Community Plan Update
<i>DTSC 2023 Guidance</i>	<i>DTSC Supplemental Guidance: Screening and Evaluating Vapor Intrusion dated February 2023</i>
DTSC	Department of Toxic Substances Control
du	dwelling units
DWR	Department of Water Resources
ECHO	enforcement and compliance history
EDR Hist Auto	EDR exclusive historic gas stations
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMFAC	EMission FACtor
EMFAC2021	EMFAC 2021 model

EMMA	emergency managers mutual aid
Energy Policy Act	Energy Policy Act of 2005
EPACT92	National Energy Policy Act of 1992
EPCA	Energy Policy and Conservation Act of 1975
ERC	emission reduction credit
ERO	electric reliability organization
EV	electric vehicle
EVSE	electric vehicle supply equipment
FAR	floor area ratio
FCC	Federal Communications Commission
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
FINDS	facility index system
Framework Element	City of Los Angeles General Plan Framework Element
FTA	Federal Transit Administration
FUA	Fuel Use Act
gal	gallons
General Plan	City of Los Angeles General Plan
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GWh	gigawatt hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HASP	health and safety plan

HazMat	hazardous materials
HCM	Highway Capacity Manual (Section IV.I, Transportation)
HCM	historic cultural monument (Section IV.G, Land Use)
HCS	historic context statement
HDPUV	heavy-duty pickup trucks and vans
HDV	heavy-duty vehicles
HFCs	hydrofluorocarbons
HHMD	Health and Hazardous Materials Division
HIN	high-injury network
HIST UST	hazardous substance storage container
Historic Report	<i>Historic Resources Technical Report, 130 West College Street, Los Angeles</i>
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
HQTC	high-quality transit corridor
HRA	health risk assessment
HREC	historical REC
HSC	Health and Safety Code
HVAC	heating, ventilating, and air conditioning
HWCL	Hazardous Waste Control Law
HWTS	hazardous waste tracking system
Hz	hertz
IFC	International Fire Code
IFFAR	information of fire flow availability
IIPP	injury and illness prevention program

in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IRP	integrated water resources plan
ITE	Institute of Transportation Engineers
kw	kilowatt
kWh	kilowatt-hour
LA ART	Los Angeles Aerial Rapid Transit
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LAA	Los Angeles Aqueduct
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
Langan	Langan Engineering and Environmental Services, Inc.
LAPD	Los Angeles Police Department
LARRMP	Los Angeles River Revitalization Master Plan
LARWQCB	Los Angeles Regional Water Quality Control Board
LASAN	Los Angeles Bureau of Sanitation
LASHP	Los Angeles State Historic Park
LBP	lead-based paint
lbs/day	pounds per day
LCFS	low carbon fuel standard
LCI	Governor's Office of Land Use and Climate Innovation
L _{dn}	day-night average sound level
LDV	light-duty vehicles
LEV	low-emissions vehicle
LID	low impact development

L _{max}	maximum noise level
LOS	level of service
LST	localized significance threshold
LTCP	long-term conservation plan
LUST	leaking underground storage tank
Mandatory Reporting Rule	Mandatory Reporting of Greenhouse Gas Emissions
MATES-V	Multiple Air Toxics Exposure Study
MBtu	thousand British thermal units
MDV	medium-duty vehicles
Methane Memorandum	<i>Certificate of Compliance for Methane Test Data, 130 West College Street, Los Angeles, CA 90012 Memorandum</i>
Metro	Los Angeles County Metropolitan Transportation Authority
mg/cm ²	milligram per square centimeter
mg/L	milligrams per liter
MLD	most likely descendant
MMBtu	million British thermal units
MMS/VIMS	methane/vapor intrusion mitigation system
MMTCO _{2e}	million metric tons of carbon dioxide equivalent
Mobility Plan	Mobility Plan 2035
MOU	memorandum of understanding
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	LADOT Manual of Policies and Procedures
MRR	Mandatory Reporting of Greenhouse Gas Emissions
MW	megawatt
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hour
MXD	mixed-use development

MY	model year
N/A	not available
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEN	neighborhood enhanced network
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NHMLA	Natural History Museum of Los Angeles County
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NSR	new source review
O ₃	ozone
OAERP	Operational Area Emergency Response Plan
OEHHA	Office of Environmental Health Hazard Assessment
OFFROAD	Off-Road Emissions Inventory Program
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
One Water LA Plan	One Water LA 2040 Plan
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
OVA	organic vapor analyzer
Paleontological Report	<i>Paleontological Resources Assessment for the 130 West College Street Project</i>

Pb	lead
PCB	polychlorinated biphenyl
PCE	perchloroethene
PDA	priority development area
PED	pedestrian enhanced district
PFCs	perfluorocarbons
Phase I	<i>Phase I Environmental Site Assessment Report, 130 West College Street, Los Angeles, CA 90012</i>
Phase II	<i>Phase II Environmental Site Assessment Report, 130 West College Street, Los Angeles, CA 90012</i>
PHEV	plug-in hybrid electric vehicle
PHMSA	Pipeline and Hazardous Materials Safety Administration
Plan for a Healthy Los Angeles	Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan
PM _{2.5}	fine particulate matter ≤ 2.5 microns
PM ₁₀	particulate matter ≤ 10 microns
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
PRPA	Paleontological Resources Preservation Act
psi	pounds per square inch
PURPA	Public Utility Regulatory Policies Act
PVC	polyvinyl chloride
Qfs	qualifying facilities
Qualified Paleontologist	Qualified Professional Paleontologist
RASS	Residential Appliance Saturation Survey
RCRA	Resource Conservation and Recovery Act
RCRA-SQG	Recovery Act-Small Quantity Generator
REC	recognized environmental condition
RFS	renewable fuel standard

RHNA	regional housing needs assessment
RIO	river improvement overlay
rm	rooms
RMS	root mean square
ROG	reactive organic compounds
ROW	right-of-way
RPS	renewables portfolio standards
RSL	regional screening level
RSPA	Research and Special Programs Administration
RTP	regional transportation plan
RWQCB	Regional Water Quality Control Board
SAFE	safer affordable fuel-efficient
SAR	IPCC Second Assessment Report (Section. IV.E, Greenhouse Gas Emissions)
SAR	service advisory request (Section IV.K.1 Utilities—Water Supply and Infrastructure)
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SCT	Santa Clarita Transit
SEMS	standard emergency management system
sf	square feet
SF ₆	sulfur hexafluoride
SGMA	Sustainable Groundwater Management Act
SIP	state implementation plan
SLCP	short-lived climate pollutant

SLF	sacred lands file
SMP	soil management plan
SMU	site mitigation unit
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SO _x	sulfur oxides
SPCC	spill prevention control and countermeasure
SR-110	Harbor Freeway
SR-110	State Route 110
SRA	source receptor area
Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
STLC	soluble threshold limit concentration
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SVP	Society for Vertebrate Paleontology
SWCA	SWCA Environmental Consultants
SWEEPS UST	statewide evaluation and planning system
SWP	State Water Project
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAG	<i>Transportation Assessment Guidelines</i>
TAZ	traffic analysis zone
TBZ	travel behavior zone
TCE	trichloroethene
TCM	transportation control measures
TDM	transportation demand management

TEN	transit enhanced network
TIMP	transportation improvement and mitigation plan
TNM	traffic noise model
TOD	transit-oriented development
tpd	tons per day
TPH	total petroleum hydrocarbons
Transportation Assessment	<i>Transportation Assessment for the 130 W. College Street Project</i>
Tribal Report	<i>Tribal Cultural Resources Review for the 130 West College Street Project</i>
TSCA	Toxic Substances Control Act
UFC	Uniform Fire Code
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
US-101	U.S. Highway 101
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	<i>Utility Technical Report for 130 W College Street, Los Angeles, CA</i>
UWMP	urban water management plan
VEN	vehicle enhanced network
VMT Calculator	City of Los Angeles VMT Calculator Version 1.4
VMT Calculator Documentation	City of Los Angeles VMT Calculator Documentation
VMT	vehicle-miles traveled
VOC	volatile organic compound
W	watts

WDR	waste discharge requirement
WEAP	Worker Environmental Awareness Program
Wh	watt-hour
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	Water Surplus and Drought Management Plan
WSV	water supply verification
ZEV	zero-emission vehicle
ZIMAS	Zone Information and Map Access System
ZNE	zero net energy