

VIII. Acronyms and Abbreviations

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µg	microgram
µg/m ³	micrograms per cubic meter
µm	micrometer
1,1,1-trichloroethane	methyl chloroform
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2010 Bicycle Plan	2010 Bicycle Plan: A Component of the City of Los Angeles Transportation Element
2012–2035 RTP/SCS	2012–2035 Regional Transportation Plan/Sustainable Communities Strategy
2015 LADWP UWMP	2015 Urban Water Management Plan
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2017 Update	<i>2017 Climate Change Scoping Plan Update: The Strategy for Achieving California’s 2030 Greenhouse Gas Target</i>
AAM	annual arithmetic mean
AB	Assembly Bill
ac	acres
Action Plan	California Water Action Plan
ADA	Americans with Disabilities Act
Adopted Community Plan	Central City Community Plan
ADT	average daily traffic
AES	Acoustical Engineering Services
af	acre-feet
afy	acre-feet per year
Air Basin	South Coast Air Basin

APA	Administrative Procedure Act
APC	area planning commission
AQMP	air quality management plan
ATCM	airborne toxic control measure
Bay-Delta	San Francisco Bay/Sacramento–San Joaquin River Delta
BEN	bicycle enhanced network
bgs	below ground surface
BLS	basic life support
BMPs	best management practices
BOS	Los Angeles Bureau of Sanitation
BTU	British thermal unit
C ₂ F ₆	Hexafluoroethane
C ₂ H ₄ F ₂	1,1-Difluoroethane
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model®
CalEPA	California Environmental Protection Agency
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4
CalOSHA	California Occupational Safety and Health Acts
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
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CE	LADOT Commuter Express
CEC	California Energy Commission
Central LA APC	Central Los Angeles APC
CEQA Guidelines	State CEQA Guidelines
CEQA	California Environmental Quality Act
CESA	California Endangered Species Acts
CEUS	California Commercial End-Use Survey
cf	cubic feet
CF ₄	Tetrafluoromethane
CFH	cubic feet per hour
CFR	Code of Federal Regulations
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane
CHF ₃	Fluoroform
CHRIS	California Historical Resources Information System
CI	carbon intensity
City	City of Los Angeles
City Freeway Guidance	<i>Interim Guidance for Freeway Safety Analysis</i>
City IRP	Integrated Resources Plan
Climate Registry	California Climate Action Registry
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO ₂	carbon dioxide

CO ₂ /MWh	CO ₂ per MW-hour
COA	condition of approval
Commission	Cultural Heritage Commission
Community Plan	Central City Community Plan
COMPSTAT	Computer Statistics
CPIO	Community Plan Implementation Overlay
CPUC	California Public Utilities Commission
CRA	Community Redevelopment Agency of Los Angeles
CTC	California Transportation Commission
Cultural Resources Report	<i>Cultural Resources Inventory for the Angel's Landing Project</i>
CVC	California Vehicle Code
d/D	current approximate flow level
DASH	LADOT Downtown Area Shuttle
dB	decibel
dBA	A-weighted decibel filtering system
DCP	Department of City Planning
Design Guide	LADOT Manual of Policies and Procedures
DHS	California Department of Health Services
DOF	California Department of Finance
Downtown Design Guide	Downtown Design Guide: Urban Design Standards and Guidelines
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DTLA 2040 Plan	Downtown Community Plan
du	dwelling unit
DWR	Department of Water Resources
ED5	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
Emergency Regulation	Emergency Water Conservation Regulation
EMFAC	EMission FACtor
emp	employee
EMS	Emergency Medical Services
ERO	electric reliability organization
ESA	Endangered Species Acts
EV	electric vehicle
EVSE	electric vehicle supply equipment
FA	floor area
FAR	floor-area ratio
<i>FED to the Climate Change Scoping Plan</i>	<i>Climate Change Scoping Plan Functional Equivalent Document</i>
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIND	Facility Information Database
First Update	<i>First Update to the Climate Change Scoping Plan: Building on the Framework</i>
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
FTA	Federal Transit Administration
FY	fiscal year
General Plan	City of Los Angeles General Plan
GHG	greenhouse gas
GoBiz	Governor's Office of Business and Economic Development
GPA	GPA Consulting
gpd	gallons per day
gpm	gallons per minute

Guidelines Amendments	Draft Guidelines Amendments for Greenhouse Gas Emissions
GWh	gigawatt hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HAP	hazardous air pollutant
HCM	<i>Highway Capacity Manual, 6th Edition</i> (Section IV.J, Transportation)
HCM	historic-cultural monument (Section IV.B, Cultural Resources)
HCS	Los Angeles Citywide Historic Context Statement
HFCs	hydrofluorocarbons
Historic District	Broadway Theater and Commercial District
Historical Resource Report	<i>Historical Resource Technical Report</i>
Housing Element	City of Los Angeles General Plan Housing Element 2013–2021
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HTLA	helicopter tactical landing area
HVAC	heating/ventilating/air conditioning
HWRP	Hyperion Water Reclamation Plant
I-110	Harbor Freeway
IFFAR	Information of Fire Flow Availability Request
IPCC	United Nations Intergovernmental Panel on Climate Change
IRP	Integrated Water Resources Plan
ITE	Institute of Transportation Engineers
kgsf	thousand gross square feet
ksf	thousand square feet
kWh	kilowatt-hour
LAA	Los Angeles Aqueducts
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
LASAN	Los Angeles Bureau of Sanitation
LAUSD	Los Angeles Unified School District
lbs/day	pounds per day
LCFS	low carbon fuel standard
L _{dn}	Day/Night Average Sound Level
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design
L _{eq}	Equivalent Sound Level
LEV	low-emission vehicle
LID	low-impact development
L _{max}	maximum noise levels
LOS	level of service
LST	localized significance thresholds
MAF	million acre-feet
Mandatory Reporting Rule	California Regulation for the Mandatory Reporting of Greenhouse Gas Emissions
MATES IV	Multiple Air Toxics Exposure Study
MERV	minimum efficiency reporting value
Metro	Los Angeles County Metropolitan Transportation Authority
mgd	million gallons per day
MMBtu	million British thermal units
Mobility Plan	Mobility Plan 2035
MOU	<i>LADOT Memorandum of Understanding</i>
mpg	miles per gallon
MPO	metropolitan planning organization

MRR	California Regulation for the Mandatory Reporting of Greenhouse Gas Emissions
msl	mean sea level
MTCO _{2e}	metric tons CO _{2e}
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
MXD	mixed-use development
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standard
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
Natural History Museum	Natural History Museum of Los Angeles County
NEN	neighborhood enhanced network
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NFPA	National Fire Protection Agency
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO ₂	nitrogen dioxide
Noise Element	Noise Element of the General Plan
NOP	Notice of Preparation
NO _x	nitrogen oxides
O ₃	ozone
OEHHA	Office of Environmental Health Hazard Assessment
OFFROAD	Off-Road Emissions Inventory Program
OHP	California Office of Historic Preservation
One Water LA	One Water LA 2040 Plan

OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Acts
Pb	lead
PED	pedestrian enhanced district
PEDs	2035 Pedestrian Enhanced Districts
PFCs	perfluorocarbons
PHEV	plug-in hybrid electric vehicles
Plan for a Healthy Los Angeles	<i>Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan</i>
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
psi	pounds per square inch
RASS	California Residential Appliance Saturation Survey
res	resident
RFS	renewable fuel standard
RHNA	regional housing needs assessment
rm	rooms
RMS	root-mean square
ROG	reactive organic compound
RPS	renewable portfolio standard
RTP	regional transportation plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	service advisory request

SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAR	Sewer Capacity Availability Request
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable community strategy
SDG&E	San Diego Gas and Electric
sf	square feet
SF ₆	Sulfur Hexafluoride
SFB	San Fernando Basin
SGC	Strategic Growth Council
SHRC	State Historical Resources Commission
SLF	sacred land file
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
Specific Plan	Bunker Hill Specific Plan
SR 110	Harbor Freeway
SRA	source receptor area
SSMP	Sewer System Management Plan
Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
<i>Supplemental FED</i>	<i>Supplemental FED to the Climate Change Scoping Plan</i>
SurveyLA	City of Los Angeles Historic Resources Survey
SVP	Society of Vertebrate Paleontology
SWP	State Water Project
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant

TAG	<i>Transportation Assessment Guidelines</i>
TAG	Transportation
TBZ	travel behavior zone
TCA	methyl chloroform
TCR Report	<i>Tribal Cultural Resources Report for the Angels Landing Project</i>
TDF	travel demand forecasting
TDM	transportation demand management
TEN	transit enhanced network
TeNS	Technical Noise Supplement
TFAR	transfer of floor area rights
TNM	Traffic Noise Model
TOD	transit-oriented development
TPA	transit priority area
tpd	tons per day
Traffic Study	<i>Transportation Impact Study for the Angels Landing Project, City of Los Angeles</i>
Transportation Assessment	<i>CEQA Analysis of Transportation Impacts chapter of the Transportation Assessment for the Angels Landing Project</i>
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
US&R	urban search and rescue
US-101	Santa Ana Freeway
USDOE	U.S. Department of Energy
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
Utility Report	<i>Utility Infrastructure Technical Report: Water, Wastewater, and Energy—Angels Landing Mixed-Use Project</i>
UWMP	urban water management plan
VMT	vehicle-miles traveled
VMT Calculator	City of Los Angeles VMT Calculator Version 1.2

VMT Calculator Documentation	<i>City of Los Angeles VMT Calculator Documentation</i>
VOCs	volatile organic compounds
W	watts
Walkability Checklist	City of Los Angeles Walkability Checklist Guidance for Entitlement Review
WDRs	Statewide General Waste Discharge Requirements
Wh	watt-hours
WIP	Water Infrastructure Plan
WSA	water supply assessment
WWFP	Final Draft Wastewater Facilities Plan
WWSI	Wastewater Service Information
ZEV	zero-emission vehicle
ZI	Zoning Information
ZIMAS	Zone Information and Map Access System
ZNE	zero net energy