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Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/m³	micrograms per cubic meter
AADT	annual average daily traffic
AB	Assembly Bill
ABAG	Association of Bay Area Governments
AC	asphalt concrete
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ADA	Americans with Disabilities Act
ADL	aerially deposited lead
amsl	above mean sea level
ANACRSA	Archaeological and Native American Cultural Resources Sensitivity Assessment
APC	automatic passenger counter
APE	Area of Potential Effects
APS	Alternative Planning Strategy
APS	Accessible Pedestrian Signal
ARRA	American Recovery and Reinvestment Act
ASTM	American Society for Testing and Materials
AT	articulated trolley bus
ATCM	Air Toxics Control Measures
Authority	San Francisco County Transportation Authority
AVL	automatic vehicle location
AWSS	auxiliary water supply service
BAAB	Bay Area Air Basin
BAAQMD	Bay Area Air Quality Management District
BACI	Bay Area Climate Initiatives
BACT	best available control technology
BART	Bay Area Rapid Transit
bgs	below ground surface
BI	No Project Impact
BMPs	Best Management Practices
BMS	Better Market Street Project
BRT	bus rapid transit
BSM	SFDPW Bureau of Street Use and Mapping
BTUs	British Thermal Units

CAA	Clean Air Act
CAAAs	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAC	Citizens Advisory Committee
CalEPA	California Environmental Protection Agency
California Register	California Register of Historical Resources
Cal-OSHA	California Division of Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CC	cable car
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCSF	City and County of San Francisco
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CER	Conceptual Engineering Report
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CERFA	Community Environmental Response Facilitation Act of 1992
CESA	California Endangered Species Act of 1984
CFGC	California Fish and Game Code
CFR	*Code of Federal Regulations*
CH_4	methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information Center
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
COZEEP	Construction Zone Enhanced Enforcement Program
CPMC	California Pacific Medical Center
CPUC	California Public Utilities Commission
CRA	California Resources Agency

CRHR	California Register of Historical Resources
CSAA	California State Automobile Association
CSS	combined sewer system
CULCOP	Committee for Utility Liaison on Construction and Other Projects
CWA	Clean Water Act
CWTP	2004 Countywide Transportation Plan
cy	cubic yards
dB	decibel
dBA	A-weighted decibel
DOT	United States Department of Transportation
DPM	diesel particulate matter
DSA	disturbed soil area
EDR	Environmental Database Reports
E.O.	Executive Order
EB	eastbound
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPA	United States Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act of 1973
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
fps	feet per second
FR	*Federal Register*
FS	far side of intersection
FTA	Federal Transit Administration
FY	fiscal year
GGBHTD	Golden Gate Bridge, Highway and Transportation District
GGNRA	Golden Gate National Recreation Area
GGT	Golden Gate Transit
GHG	greenhouse gas
GPS	global positioning system
gsf	gross square feet
HAPs	hazardous air pollutants
HCM	Highway Capacity Manual
HOV	high-occupancy vehicle
HPC	Historic Preservation Commission

HPS	Historic Property Survey
HRIER	Historic Resources Inventory and Evaluation Report
HSC	historic street car
HSIP	Highway Safety Improvement Program
IES	Illuminating Engineering Society
IRRS	Interregional Road System
ISA	International Society of Arborculture
ISA	Initial Site Assessment
ISP	iron stone pipe
ITSP	Interregional Transportation Strategic Plan
kV	kilovolt
LBP	lead-based paint
LCFS	low-carbon fuel standard
L_{dn}	day-night average sound pressure level
L_{eq}	equivalent sound pressure level
L_{max}	maximum sound pressure level
LOS	level of service
L_p	sound pressure level
LPA	locally preferred alternative
LRDP	Long-Range Development Plan
LRV	light-rail vehicle
LSI	Less than Significant Impact
LUSTs	leaking underground storage tanks
M	metered
Ma	million years ago
MACT	maximum available control technology
MAPS	Mobility, Access, and Pricing Study
MBTA	Migratory Bird Treaty Act
MC	motor coach
MLD	most likely descendant
MLP	maximum load point
M_{max}	maximum moment magnitude earthquake
MMT	million metric tons
mph	miles per hour
MPO	metropolitan planning organization
MRI	magnetic resonance imaging
MSAT	mobile source air toxics

MTC	Metropolitan Transportation Commission
MTS	Metropolitan Transportation System
MUTCD	Manual on Uniform Traffic Control Devices
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NB	northbound
NEPA	National Environmental Policy Act
NESHAPs	national emissions standards for hazardous air pollutants
NHL	National Historic Landmark
NHPA	National Historic Preservation Act of 1966
NHS	National Highway System
NM	nonmetered
NO	nitric oxide
NO_2	nitrogen dioxide
NOA	naturally occurring asbestos
NOA	Notice of Availability
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NOx	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NPI	No Project Impact
NPS	National Park Service
NRHP	National Register of Historic Places
NS	near side of intersection
NTD	National Transit Database
O_3	ozone
OCS	Overhead Contact System
OHP	Office of Historic Preservation
O&M	operations and maintenance
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Act
Pb	lead
PCBs	polychlorinated biphenyls

PCGA	Project Construction Grant Agreement
PCP	Project Construction Plan
PDAs	Priority Development Areas
PDT	Project Development Team
PG&E	Pacific Gas and Electric
PI	Project Impact
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
POAQC	Projects of Air Quality Concern
ppb	parts per billion
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
RCP	reinforced concrete pipe
RCRA	Resource Conservation and Recovery Act of 1976
RECs	Recognized Environmental Conditions
RHNA	Regional Housing Needs Allocation
RMS	root mean square
ROD	Record of Decision
ROG	reactive organic gas
ROW	right-of-way
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SAR	Strategic Analysis Report
SB	Senate Bill
SB	southbound
SC/PI	Significant Contribution/Project Impact
SCS	Sustainable Communities Strategy
SEL	sound exposure level
SER	Standard Environmental Reference
SEWTP	Southeast Wastewater Treatment Plant
SFCTA	San Francisco County Transportation Authority
SFDPH	San Francisco Department of Public Health
SFDPW	San Francisco Department of Public Works
SFFD	San Francisco Fire Department
SFHPC	San Francisco Historic Preservation Commission

SFMTA	San Francisco Municipal Transportation Agency
SFPUC	San Francisco Public Utilities Commission
SFWD	San Francisco Water Department
SHOPP	State Highway Operation and Protection Program
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO_2	sulfur dioxide
SoMa	South of Market
SPUR	San Francisco Planning and Urban Research
SR2T	Safe Routes to Transit
SRO	single-room occupancy
SSGA	Small Starts Grant Agreement
STP	Surface Transportation Program
STRAHNET	Strategic Highway Network
SWITRS	Statewide Integrated Traffic Records System
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TACs	toxic air contaminants
TAZ	Traffic Analysis Zone
TBACT	toxic best available control technology
TC	trolley coach
TCMs	Transportation Control Measures
TEP	Transit Effectiveness Project
TIGER III	Transportation Investment Generating Economic Recovery
TIP	Transportation Improvement Plan
TJPA	Transbay Joint Powers Authority
TLC	Transportation for Livable Communities
TMDL	total maximum daily load
TMP	Transportation Management Plan
TPI	Transit Performance Initiative
TPS	Transit Preferential Streets
TPY	tons per year
TRB	Transportation Research Board
TSCA	Toxic Substances Control Act
TSF	Transportation Sustainability Fee

TSM	Transportation System Management
TSP	Transit Signal Priority
TSP	Transportation Sustainability Program
TVM	ticket vending machines
U.S.C.	United States Code
US 101	U.S. Highway 101
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VdB	vibration decibel
VCP	vitrified clay pipe
VMT	vehicle miles traveled
VOC	volatile organic compounds
vph	vehicles per hour
VRF	Vehicle Registration Fee
WB	westbound
WDR	Waste Discharge Requirements
YOE	Year of Expenditure