

Acronyms and Abbreviations

AATC	Advanced Automatic Train Control	CARB	California Air Resources Board
AB 1X	California Assembly Bill 1X	CBD	Central Business District
ABAG	Association of Bay Area Governments	CCAA	California Clean Air Act
AC	Alameda–Contra Costa	CCJPA	Capitol Corridor Joint Powers Agency
AC Transit	Alameda Contra Costa Transit District	CCR	California Code of Regulations
ACCMA	Alameda County Congestion Management Agency	CDFG	California Department of Fish and Game
ACE	Altamont Commuter Express	CEQA	California Environmental Quality Act
ACFCD	Alameda County Flood Control and Water Conservation District	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
ACM	asbestos-containing materials	CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
ACPWA	Alameda County Public Works Agency	CESA	California Endangered Species Act
ACTIA	Alameda County Transportation Improvement Authority	CFR	Code of Federal Regulations
ACWD	Alameda County Water District	CIDH	cast-in-drilled-hole
ADA	Americans with Disabilities Act of 1990	CNDDDB	California Natural Diversity Database
ADT	average daily trips	CNEL	community noise equivalent level
AHERA	Asbestos Hazard Emergency Response Act	CNG	compressed natural gas
APTA	American Public Transit Association	CNPPA	California Native Plant Protection Act
ARAR	appropriate requirement	CNPS	California Native Plant Society
AST	above-ground storage tank	CPTED	Crime Prevention through Environmental Design
BA	biological assessment	CO	carbon monoxide
BAAQMD	Bay Area Air Quality Management District	Corps	U.S. Army Corps of Engineers
BART	San Francisco Bay Area Rapid Transit District	CORRACTS	Corrective Actions
basin plan	water quality control plan	CRHR	California Register of Historical Resources
BMPs	best management practices	CSP	Comprehensive Service Plan
BO	biological opinion	CTC	California Transportation Commission
B.P.	before present ± 200 years	CUPA	certified unified public health agency
BPA	Bonneville Power Administration	CWA	federal Clean Water Act
BRT	bus rapid transit	CWR	continuous welded rail
BTEX	zene and xylenes	dB	decibel
BTU	British thermal unit	dB(A)	A-weighted decibel
CAA	federal Clean Air Act	DOT	Department of Transportation
CAAQS	California Ambient Air Quality Standards	DSEIR	draft supplemental environmental impact report
CAFE	corporate average fuel economy	DTSC	Department of Toxic Substances Control
Cal/EPA	California Environmental Protection Agency	EA	environmental assessment
Cal-ISO	California Independent System Operator	EIR	environmental impact report
Caltrans	California Department of Transportation	EIS	environmental impact statement
CAP	Clean Air Plan	EMF	electromagnetic fields
		EPA	U.S. Environmental Protection Agency

EPCRA	Emergency Planning and Community Right-to-Know Act	NHTSA	National Highway Traffic Safety Administration
ERNS	Emergency Response Notification System of Spills	NOAA Fisheries	National Oceanic and Atmospheric Administration National Marine Fisheries Service
ESA	environmentally sensitive area		
ESA	federal Endangered Species Act	NOP	notice of preparation
FEIR	final environmental impact report	NO _x	oxides of nitrogen
FEMA	Federal Emergency Management Agency	NO ₂	nitrogen dioxide
FIRM	Flood Insurance Rate Map	NPDES	National Pollutant Discharge Elimination System
FIS	flood insurance study	NPL	National Priorities List
FSEIR	final supplemental environmental impact report	NUMMI	New United Motors Manufacturing, Inc.
FTA	Federal Transit Administration	NWIC	Northwest Information Center
		NWP	Nationwide Permit
HAP	hazardous air pollutant	PCB	poly chlorinated biphenyl
HCP	habitat conservation plan	PCWQCA	Porter-Cologne Water Quality Control Act
HI	Hazard Index	PDT	Project Development Team
HOV	high occupancy vehicle	PG&E	Pacific Gas and Electric Company
HRS	Hazard Ranking System	Plan	Storm Water Quality Management Plan
I-680	Interstate 680		
I-880	Interstate 880	PM 2.5	fine particulate matter (less than or equal to 2.5 micron in diameter)
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991	PM10	inhalable particulate matter (<10 microns in diameter)
ITS	Intelligent Transportation System	PNR	park-and-ride
		POTW	publicly owned treatment system
kWh	kilowatt hours	ppd	pounds per day
		ppm	parts per million
L _{dn}	day-night sound level	PPV	peak particle velocity
L _{eq}	equivalent sound level	Program	Clean Water Program
L _{max}	maximum sound level	PUC	California Public Utilities Commission
L _{min}	minimum sound level		
L _{xx}	percentile-exceeded sound level	RAGS	Risk Assessment Guidance for Superfund
LNG	liquefied natural gas	RCRA	Resource Conservation and Recovery Act
LOS	level of service	RME	reasonable maximum exposure
LT	long term	rms	root mean square
LUSTs	leaking underground storage tanks	ROG	reactive organic gases
		RTP	Regional Transportation Plan
MBTA	Migratory Bird Treaty Act	RTEP	Regional Transit Expansion Policy
MIS	Major Investment Study	RWQCB	Regional Water Quality Control Board
mpg	miles per gallon		
mph	miles per hour	SAIC	Science Applications International Corporation
MPOs	metropolitan planning organizations	SamTrans	San Mateo Count Transit District
MRF	Materials Recovery Facility	SARA	Superfund Amendments and Reauthorization Act of 1986
MTC	Metropolitan Transportation Commission		
MTS	Metropolitan Transportation System	SB	Senate Bill
MW	megawatts	SB	southbound
MWh	megawatt hours	SEIR	supplemental environmental impact report
		SFBAAB	San Francisco Bay Area Air Basin
NAAQS	national ambient air quality standards	SFO	San Francisco International Airport
NAHC	Native American Heritage Commission	SHPO	State Historic Preservation Officer
NB	northbound	SIP	State Implementation Plan
NCCP	natural community conservation plan	SLIC	spills, leaks, investigation and cleanup
NEPA	National Environmental Policy Act	SLR	single-lens reflex
NFIP	National Flood Insurance Program		
NHPA	National Historic Preservation Act		

SO ₂	sulfur dioxide
SP	Southern Pacific (railroad)
SPTCo	Southern Pacific Transportation Company
SR	State Route
ST	short term
STIP	State Transportation Improvement Program
SVRTC Project	Silicon Valley Rapid Transit Corridor
SWFs	solid waste facilities
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAZ	traffic analysis zones
TCM	transportation control measure
TEA-21	Transportation Equity Act for the 21 st Century
TIP	Transportation Improvement Program
TMDL	Total Maximum Daily Load
TPH-D	total petroleum hydrocarbons as diesel
TPH-G	total petroleum hydrocarbons as gasoline
tpy	tons per year
TRI	Toxic Release Inventory Database
TSD	treatment, storage, and disposal
TSM	Transportation Systems Management
UMTA	Urban Mass Transportation Administration
UP	Union Pacific (railroad)
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USTs	underground storage tanks
V/C	volume of traffic compared to road capacity
VdB	vibration velocity in decibels
VHT	vehicle hours of travel
VMT	vehicle miles of travel
VOCs	volatile organic compounds
VTA	Santa Clara Valley Transportation Authority
WAPA	Western Area Power Administration
WDRs	waste discharge requirements
WDS	Waste Discharge System Data
WMUDS/	
SWAT	Waste Management Unit Database System Solid Waste Assessment Test Data
WP	Western Pacific (railroad)
WSX	Warm Springs Extension
1998 Amended Plans	amended and restated redevelopment plans for Fremont's four redevelopment project areas
3D	three-dimensional