

Appendix D Glossary of Technical and
Abbreviated Terms

Appendix D **GLOSSARY OF TECHNICAL & ABBREVIATED TERMS**

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
AADT	Annual Average Daily Traffic, represents an average 24-hour period of traffic on a facility in both directions averaged over one year, or the total of all traffic counted for one year, divided by 365 days.
ABAG	Association of Bay Area Governments
ADA	Americans with Disabilities Act
ADL	Aerially Deposited Lead
AFB	Air Force Base
APE	Area of Potential Effect, the area within which archaeological or historical resources may be affected by a project.
ARB	Air Resources Board
BA	Biological Assessment
BAAB	Bay Area Air Basin
BAAQMD	Bay Area Air Quality Management District
Basin Plans	Water Quality Control Plans
BART	Bay Area Rapid Transit
Beneficial Use	Use of a natural water resource that enhances the social, economic, and environmental well-being of the user. Twenty-one beneficial uses are defined for the waters of California, ranging from municipal and domestic supply to fisheries and wildlife habitat.
BMP	Best Management Practice
BO	Biological Opinion
CAAQS	California Ambient Air Quality Standards
CDFG	California Department of Fish and Game
CDMG	California Department of Mines and Geology
CEDD	California Employment Development Department
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFGC	California Fish and Game Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CIA	Community Impact Assessment

CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
Concept Plan	Jepson Parkway Concept Plan
Corps	U.S. Army Corps of Engineers
Cortese	Hazardous Waste and Substances Site List (or Cortese List) is named after State Assemblyman Dominic Cortese. PRC § 65962.5 requires Cal EPA to develop an updated Cortese list at least annually.
CPUC	California Public Utilities Commission
CRHP	California Register of Historical Places
CRLF	California red-legged frog
CTP	Comprehensive Transportation Plan
CTS	California tiger salamander
CWA	Clean Water Act
dB	decibels, a measurement unit for noise.
dBA	A-weighted decibels, the measurement of noise that best represents human perception.
dbh	Diameter at Breast Height
DEIR	Draft Environmental Impact Report
Department	California Department of Transportation or Caltrans
Draft MSHCP	Solano County Draft Multi-Species Habitat Conservation Plan
DOC	California Department of Conservation
DOF	California Department of Finance
DOT	U.S. Department of Transportation
EIR/EIS	Environmental Impact Report /Environmental Impact Statement
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ESA	Federal Endangered Species Act of 1973; alternatively, can refer to a designated Environmentally Sensitive Area or Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FERS	Floodplain Evaluation Report Summary
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act

FIRMs	Flood Insurance Rate Maps
FIS	Flood Insurance Studies
FMMP	Farmland Mapping and Monitoring Program
FPPA	Federal Farmland Protection Policy Act
FSSD	Fairfield-Suisun Sewer District
FTA	Federal Transit Administration
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HDM	Highway Design Manual
HOV	High-Occupancy Vehicle
HPSR	Historic Property Survey Report
ISA	Initial Site Assessment, a review of all published data sources on hazardous waste sites and hazardous waste releases in the vicinity of a project.
LAFCO	Local Agency Formation Commission
Lead Agency	Public agency that has primary responsibility for carrying out or approving a project that may have a significant effect on the environment and preparing the environmental document.
L_{eq}	Equivalent Sound Level
$L_{eq}[h]$	1-hour A-weighted Equivalent Sound Level
LEDPA	Least Environmentally Damaging Practicable Alternative
LESA	Land Evaluation and Site Assessment
LHS	Location Hydraulic Study
L_{max}	Maximum Sound Level
L_{min}	Minimum Sound Level
LOS	Level of Service
LU	landscape unit
LUST	leaking underground storage tank
L_x	Percentile-Exceeded Sound Level
Maintenance Area	A federal term to describe any geographic region of the United States designated nonattainment pursuant to the CA and subsequently redesignated to attainment subject to the requirement to develop a maintenance plan under Section 175A of the CAA.
MBTA	Migratory Bird Treaty Act
MCE	maximum credible earthquake
mg/kg	milligrams/kilogram
mg/l	milligrams per liter
MIS	Major Investment Study, prepared during the early planning phase to analyze

the range of modal alternatives and cost/benefits of “major metropolitan transportation investments,” which are defined as being highway or transit improvements of substantial cost that are expected to have a significant effect on capacity, traffic flow, level of service or mode share at the transportation corridor or subarea scale. TEA-21 eliminated the requirement for a separate MIS document, but the analysis still must be conducted.

Mmax	moment magnitude
MOU	Memorandum of Understanding
mph	Miles per Hour
MPO	Metropolitan Planning Organization, a federal designation for the forum for cooperative transportation decision-making for an urbanized area with population of more than 50,000.
MSAT	Mobile Source Air Toxics
MTC	Metropolitan Transportation Commission
MUTCD	Manual on Uniform Traffic Control Devices
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
ND	Negative Declaration
NEPA/404	National Environmental Policy Act (NEPA)/Clean Water Act (CWA) Section 404 Integration
NEPA	National Environmental Policy Act
NES	Natural Environment Study
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act of 1966
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO ₂	Nitrogen Dioxide
NOAA Fisheries	National Oceanic and Atmospheric Administration Fisheries Service
NOI	Notice of Intent
Nonattainment Area	Any geographic region of the United States that the EPA has designated as a nonattainment area for a transportation related pollutant(s) for which a NAAQS exists.
NOP	Notice of Preparation
NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System Permit, required for facilities and activities that discharge waste into surface waters from a confined pipe or channel.

NRCS	Natural Resources Conservation Service
NRCS	U.S. Department of Agriculture, Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSVAB	Northern Sacramento Valley Air Basins
NWIC	Historical Resources Information System, Northwest Information Center
O ₃	Ozone
OHWM	Ordinary high water mark, a distinguishing characteristic of Other Waters of the U.S.
OSHA	Occupational Safety and Health Administration
PA	Programmatic Agreement
PCBs	Polychlorinated Biphenyls
PG&E	Pacific Gas and Electric Company
PM ₁₀	Particulate Matter Less Than or Equal to 10 Microns in Diameter
PM _{2.5}	Particulate Matter Less Than or Equal to 2.5 Microns in Diameter
ppm	Parts Per Million
ppt	Parts Per Thousand
PRC	California Public Resources Code
Profile	Used to describe the vertical alignment and elevation of the roadway surface along a designated line, typically, the center of the roadway or median.
PSA	Preliminary Site Assessment
RCRA	Resource Conservation and Recovery Act
Responsible Agency	A “public agency, other than the lead agency that has responsibility for carrying out or approving a project” (PRC 21069). The CEQA Guidelines further explain the statutory definition by stating that a “responsible agency” includes “all public agencies other than the Lead Agency which have discretionary approval power over the project” (14 CCR 15381). State and local public agencies that have discretionary authority to issue permits, for example, fall into this category.
RIR	Relocation Impact Report
ROG	Reactive Organic Gases
ROW	right-of-way
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAA	Streambed Alteration Agreement
SACOG	Sacramento Area Council of Governments
Scoping	A process for determining the scope of issues to be addressed in an EA and EIS and for identifying significant issues to be analyzed in depth in an EIS.
SCWA	Solano County Water Agency

SFBAAB	San Francisco Bay Area Air Basin
SHPO	State Historic Preservation Officer
SID	Solano Irrigation District
Significance	CEQA defines a "significant effect on the environment" as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant" (15382). CEQA requires that the lead agency identify each "significant effect on the environment" resulting from the project and avoid or mitigate it. The CEQA Guidelines include mandatory findings of significance for certain effects, thus requiring the preparation of an EIR.
SIP	State Implementation Plan, the portion (or portions) of an applicable implementation plan approved or promulgated, or the most recent revision thereof, under sections 110, 301(d) and 175A of CAA.
SMP	Stormwater Management Plan
SO ₂	Sulfur Dioxide
SR	State Route
STA	Solano Transportation Authority
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board, the principal authority for regulating the quantity and quality of waters in the state, established by act of the California legislature in 1967.
TCM	Transportation Control Measure, any measure specifically identified and committed to in the applicable implementation plan that is either one of the types listed in § 108 of the CAA, or any other measure for the purpose of reducing emissions or concentrations of air pollutants from transportation sources by reducing vehicle use or changing traffic flow or congestion conditions. Notwithstanding the above, vehicle technology-based, fuel-base, and maintenance-based measures that control the emissions from vehicles under fixed traffic conditions are not TCMs for the purposes of project-level conformity.
TIP	Transportation Improvement Program, a staged, multi-year, intermodal program of transportation projects that is consistent with the metropolitan transportation plan. It is a federal term.
TMP	Traffic Management Plan
TRB	Transportation Research Board
TSCA	Toxic Substances Control Act of 1976, federal law enacted to give EPA the ability to track industrial chemicals produced in or imported into the U.S.
TUSD	Travis Unified School District

U.S.	United States
UPRR	Union Pacific Railroad
URMP	Urban Runoff Management Program
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
V/C	volume-to-capacity ratio
VELB	Valley Elderberry Longhorn Beetle
VIA	Visual Impact Assessment
WDR	Waste Discharge Requirement
WQOs	Water Quality Objectives
YSAQMD	Yolo-Solano Air Quality Management District

