11.0 LIST OF ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
$\mu g/m^3$	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
ACM	asbestos-containing materials
ADL	aerially deposited lead
ADT	average daily traffic
AHERA	Asbestos Hazard Emergency Response Act
AIRS	Aerometric Information Retrieval System
amsl	above mean sea level
AQMP	Air Quality Management Plan
ARB	California Air Resources Board
ARTBA	American Road and Transportation Builders Association
ASTM	American Society for Testing and Materials
B	boron
BAT	Best Available Technologies (Economically Feasible)
BAU	business-as-usual
BCT	Best Control Technology
bgs	below ground surface
BMPs	best management practices
BRCP	Biological Resources Construction Plan
CAA	Clean Air Act
CAD	computer-aided design
CAFE	Corporate Average Fuel Economy
Cal/OSHA	California Occupational Safety and Health Administration
CalEPA	California Environmental Protection Agency
California Register	California Register of Historical Resources
CalRecycle	CIWMB
Caltrans	California Department of Transportation
CAT	Climate Action Team
CBC	California Building Code
CCA	California Coastal Act

CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CEQA	California Environmental Quality Act
CFC	California Fire Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH_4	methane
CHRIS	California Historical Resources Information System
City	City of San Clemente *or* City of San Juan Capistrano
CIWMB	California Integrated Waste Management Board
Cl	chloride
CLOMR	Conditional Letter of Map Revision
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
Corps	United States Army Corps of Engineers
County	County of Orange
CTR	California Toxics Rule
CVC	California Vehicle Code
CVWD	Capistrano Valley Water District
CWA	Clean Water Act
DAMP	Drainage Area Master Plan
dB	decibels
dBA	A-weighted decibels
DDE	p,p'-Dichlorodiphenyldichloroethylene
Diesel RRP	Diesel Risk Reduction Plan
DOC	Department of Conservation
DOE	California Department of Education *or* Determination of Eligibility
DOGGR	California Department of Oil, Gas, and Geothermal Resources
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DPW	Department of Public Works
DTSC	Department of Toxic Substances Control

EAP	Emergency Action Plan
EDBs	extended detention basins
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMI	Emissions Inventory (database)
EO	Executive Order
EPA	United States Environmental Protection Agency
ERMP	Emergency Response Management Plan
ERNS	Emergency Response Notification System
F	fluoride
Fe	iron
Federal IC/EC	Federal Engineering and Institutional Controls
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FFIS	Federal Facilities Information System
FINDS	Facility Index System/Facility Registry System (database)
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FOS	Factor of Safety
FRA	Federal Railroad Administration
FRSP	Forster Ranch Specific Plan
FTA	Federal Transit Administration
FTC-S	Foothill Transportation Corridor-South
FURS	Federal Underground Injection Control
GDP	General Development Plan
GHG	greenhouse gas
GP	general-purpose
GPS	global positioning system
GSA	General Services Agency
GWP	Global Warming Potential
HA	Hydrologic Area
HAZNET	Hazardous Waste Manifests System (database)
HCD	California Department of Housing and Community Development
HCM	Highway Capacity Manual
HCOC	Hydrologic Conditions of Concern
HCP	Habitat Conservation Plan
HCS	Habitat Classification System

HDPE	high density polyethylene
HFCs	hydrofluorocarbons
HHW	household hazardous waste
HHWCC	Household Hazardous Waste Collection Center
HMMP	Habitat Mitigation and Monitoring Plan
HMS	Hazardous Material Services
HOV	high-occupancy vehicle
HRMP	Habitat Reserve Management Program
HSA	Hydrologic Sub-Area
HSC	Health and Safety Code
HU	Hydrologic Unit
HWCL	Hazardous Waste Control Law
I-405	Interstate 405
I-5	Interstate 5
IBC	International Building Code
ICU	intersection capacity utilization
IPCC	Intergovernmental Panel on Climate Change
ISA	Initial Site Assessment
ISO	Independent Service Operator
IWMD	Integrated Waste Management Department
IWMP	Integrated Waste Management Plan
JPA	Joint Powers Authority
JWA	John Wayne Airport
kg	kilograms
kV	kilovolts
LBP	lead-based paint
lbs/day	pounds per day
L_{dn}	day-night average noise level
Lead Agency	County of Orange
LEAs	Local Enforcement Agencies
L_{eq}	equivalent continuous sound level
LID	Low Impact Development
LIP	Local Implementation Plan
L_{max}	maximum noise level
LOMR	Letter of Map Revision
LOS	levels of service
LST	Localized Significance Threshold
M1	Measure M (1990 original version)

M2	Renewed Measure M
MBAS	methylene blue active substances
MBTA	Migratory Bird Treaty Act
MCB	Marine Corps Base
mcy	million cubic yards
mg/L	milligrams per liter
mg/m^3	milligrams per cubic meter
MLD	Most Likely Descendant
MMRP	Mitigation Monitoring and Reporting Program
$MMTCO_2e$	million metric tons of carbon dioxide equivalent
Mn	manganese
MND	Mitigated Negative Declaration
Model Program	Model New Development and Redevelopment Program
MOU	Memorandum of Understanding
MPAH	Master Plan of Arterial Highways
mpg	miles per gallon
mph	miles per hour
MPO	Metropolitan Planning Organization
MRF	Material Recovery Facility
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MSAA	Master Streambed Alteration Agreement
mybp	million years before present
N_2O	nitrous oxide
Na	sodium
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
NALs	Numeric Action Levels
National Register	National Register of Historic Places
NB	northbound
NCCP	Natural Communities Conservation Plan
NELs	Numeric Effluent Limitations
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic Safety Administration
NO	nitric oxide
NO_2	nitrogen dioxide
NOA	naturally occurring asbestos
NOI	Notice of Intent

NOP	Notice of Preparation
NOT	Notice of Termination
NO_x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NTU	nephelometric turbidity units
O_3	ozone
OCCOG	Orange County Council of Governments
OCFA	Orange County Fire Authority
OCHCA	Orange County Health Care Agency
OCP	Orange County Projections
OCP-2006	Orange County Projections 2006
OCPW	Orange County Public Works Department
OCTA	Orange County Transportation Authority
OCTAM	Orange County Transportation Analysis Model
OCWR	Orange County Waste and Recycling
OHWM	ordinary high water mark
OMB	White Office of Management and Budget
OPR	Office of Planning and Research
PAC	Public Awareness Campaign
PCBs	polychlorinated biphenyls
PCC	Portland Cement Concrete
PCE	passenger car equivalent
PDF	Project Design Feature
PeMS	Performance Measurement System
PFCs	perfluorocarbons
PHGA	peak horizontal ground acceleration
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1970
ppm	parts per million
PR	Project Report
PRC	Public Resources Code
PSHA	probabilistic seismic hazard analysis
PSR	Project Study Report
PSR/PDS	Project Study Report/Project Development Support
RCFPP	Regional Circulation Financing and Phasing Program
RCP	reinforced concrete pipe *or* Regional Comprehensive Plan

REAP	Rain Event Action Plan
RHNA	Regional Housing Needs Assessment
RMS	root-mean-square
RMV	Rancho Mission Viejo
ROCs	reactive organic compounds
ROGs	reactive organic gases
RTP	Regional Transportation Plan
RTP	vehicles per hour
RWQCB	Regional Water Quality Control Board
SAMP	Special Area Management Plan
SB	Senate Bill *or* southbound *or* Sound Barrier
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCGC	Southern California Gas Company
SCH	State of California Clearinghouse
SCSAM	South (Orange) County Sub-Area Model
SDG&E	San Diego Gas and Electric
SF_6	sulfur hexafluoride
SFPA	Special Fire Protection Area
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SMARA	Surface Mining and Reclamation Act
SMWD	Santa Margarita Water District
SO_2	sulfur dioxide
SO_4	sulfate
SOCMIS	South Orange County Major Investment Study
SOCTIIP	South Orange County Transportation Infrastructure Improvement Project
SOCWA	South Orange County Wastewater Authority
SOI	sphere of influence
SONGS	San Onofre Nuclear Generating Station
SO_x	oxides of sulfur
SR-1	State Route 1
SR-241	State Route 241
SR-73	State Route 73
SR-74	State Route 74

SRA	source receptor area
Sta.	Station
SWFP	Solid Waste Facility Permit
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminants
TCA	Transportation Corridor Agencies
TCE	temporary construction easement
TCM	Transportation Control Measure
TDM	Transportation Demand Management
TDS	total dissolved solids
TMDL	total maximum daily load
TMP	Transportation Management Plan
TNM	Traffic Noise Model
tpd	tons per day
TSCA	Toxic Substances Control Act
TSM	Transportation Systems Management
U.S. Census Bureau	United States Bureau of the Census
UA	Undeveloped Areas
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
USC	United States Code
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
v/c	volume-to-capacity (ratio)
VdB	vibration velocity decibel
VHFHSZ	Very High Fire Hazard Severity Zone
VHT	vehicle hours traveled
VMT	vehicle miles traveled
VOCs	volatile organic compounds
vpd	vehicles per day
WDR	Waste Discharge Requirement
Williamson Act	California Land Conservation Act
WMU	Waste Management Unit
WQMP	Water Quality Management Plan
WWII	World War II