

~~Draft~~ Final Environmental Impact Report
2050 Regional Transportation Plan
and Sustainable Communities
Strategy

State Clearinghouse # 2010041061

~~June~~ October 2011

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LIST OF ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
AB	Assembly Bill
AC	asphalt cement
ADA	Americans with Disabilities Act
ADT	average daily traffic
AF	acre-foot/acre-feet
AGO Zone	Agricultural Overlay Zone
AHS	Automated Highway System
AIA	Airport Influence Area
AICUZ	Air Installation Compatible Use Zone
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AMAP	Airport Multimodal Accessibility Plan
AMSL	above mean sea level
APCD	Air Pollution Control District
APE	Areas of Potential Effects
ASBS	Area of Special Biological Significance
ATCM	Air Toxic Control Measures
ATRNA	Agua Tibia Research Natural Area
AVL	Automated Vehicle Location
B.P.	before present
BACT	best available control technology
BAU	business-as-usual
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BMP	best management practice
BNSF	Burlington Northern Santa Fe Railway
BRT	Bus Rapid Transit
BWD	Borrego Water District
C&D	construction and demolition
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
Cal NAGPRA	California Native American Graves Protection and Repatriation Act
CalARP	California Accidental Release Prevention Program
CalEMA	California Emergency Management Agency
CalEPA or Cal/EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAO	Cleanup and Abatement Order
CARB	California Air Resources Board
CAS	Climate Action Strategy
CBC	California Building Code
CCAA	California Clean Air Act

CCAR	California Climate Action Registry
CCC	California Coastal Commission
CCD	Coastal Consistency Determination
CCI	Construction Cost Index
CCR	California Code of Regulations
CCT	California Coastal Trail
CDF	California Department of Forestry
CDFG	California Department of Fish and Game
CDO	Cease and Desist Order
CEC	California Education Code
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERF	California Environmental Rights Foundation
CESA	California Endangered Species Act
CFC	California Fire Code
CFC	chlorofluorocarbon
CFCP	California Farmland Conservancy Program
CFD	community facilities district
CFLA	California Forest Legacy Act
CFR	Code of Federal Regulations
CGS	California Geologic Survey
CH ₄	methane
CHHSL/Chisels	California Human Health Screening Levels
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CHSRA	California High-Speed Rail Authority
cm	centimeter
CMA	Congestion Management Agency
CMAQ	Congestion Mitigation and Air Quality Program
CMIA	Corridor Mobility Improvement Account
CMP	Congestion Management Program
CNEL	community noise equivalent level
CNG	compressed natural gas
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COG	Council of Governments
COP	certificate of participation
CPI	Consumer Price Index
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSA	County Service Area
CSLC	California State Lands Commission
CT	census tract
CTC	California Transportation Commission
CTPA	California Timberland Productivity Act
CUPA	Certified Unified Program Agency
CVO	Commercial Vehicle Operations
CWA	Clean Water Act

CWPP	Community Wildfire Protection Plan
cy	cubic yards
dB	decibel
dBA	A-weighted decibel
DEFM	Demographic and Economic Forecasting Model
DEH	Department of Environmental Health
DMG	Division of Mines and Geology
DNL	day/night average sound level
DOC	California Department of Conservation
DOT	Department of Transportation
DPR	Department of Parks and Recreation
DTSC	Department of Toxic Substances Control
EA	Environmental Assessment
EAP	Early Action Program
EDD	Employment Development Department
EFH	Essential Fish Habitat
EG	electric generation
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMP	Environmental Mitigation Program
EPA	Environmental Protection Agency
EPCRA	Emergency Planning Community Right-to-Know Act
EPIC	University of San Diego, School of Law's Energy Policy Initiative Center
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FONSI	Finding of No Significant Impact
FPD	Fire Protection District
FPPA	Farmland Protection Policy Act
FRPP	Farm and Ranch Land Protection Program
FSP	Freeway Service Patrol
FSZ	Farmland Security Zone
FTA	Federal Transit Administration
FY	fiscal year
GC	Government Code
GCC	global climate change
GHG	greenhouse gas
GIS	Geographic Information System
gpd	gallons per day
GPS	Global Positioning System
GRH	Guaranteed Ride Home
GWP	global warming potential

HA	hydrologic area
HCD	Department of Housing and Community Development
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HDPE	high-density polyethylene
HEARTH	Helping Expedite and Advance Responsible Tribal Homeownership
HFC	hydrofluorocarbon
HIRT	Hazardous Incident Response Team
HMBP	Hazardous Materials Business Plan
HMD	Hazardous Materials Division
HMP	Hydromodification Management Plan
HOT	High-Occupancy Toll
HOV	High-Occupancy Vehicle
HSA	hydrologic subareas
HSC/H&SC	Health and Safety Code
HSR	High-Speed Rail
HU	hydrologic unit
HUD	U.S. Department of Housing and Urban Development
Hz	hertz
I	Interstate
IBC	International Building Code
IBWC	International Boundary and Water Commission
ICM	Integrated Corridor Management
IFC	International Fire Code
IID	Imperial Irrigation District
IMDA	Indian Mineral Developmental Act
IOU	Investor-Owned Utility
IPCC	Intergovernmental Panel on Climate Change
IRP	Interregional Partnership
ISTEA	Intermodal Surface Transportation Efficiency Act
ITS	Intelligent Transportation Systems
JARC	Jobs Access Reverse Commute
JPA	Joint Powers Authority
JUA	Joint Use Agreement
JURMP	Jurisdictional Urban Runoff Management Plan
LCP	Local Coastal Plan
LEA	Local Enforcement Agency
L _{eq}	equivalent noise level
LESA	land evaluation and site assessment
LF	linear feet
LHP	Landslide Hazard Program
LID	Low Impact Development
	Light Duty Auto
LNG	liquefied natural gas
LOS	level of service
LOSSAN	Los Angeles-San Diego-San Luis Obispo
LPG	liquefied petroleum gas
LRT	Light Rail Transit

LTPP	Long-Term Procurement Plan
LUP	Land Use Plan
MACT	maximum available control technology
MAGLEV	Magnetic Levitation
MCBCP	Marine Corps Base Camp Pendleton
mcy	million cubic yards
mg/L	milligrams per liter
mgd	million gallons per day
MHCP	Multiple Habitat Conservation Program
MHHW	mean higher high water level
MHPA	Multi-Habitat Planning Area
MLLW	mean lower low water level
mm	millimeter
MMRP	mitigation monitoring and reporting program
MMT	millions of metric tons
MMTh	million therms
MOU	Memorandum of Understanding
mph	miles per hour
MPO	Metropolitan Planning Organization
MRF	material recovery facility
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MSCP	Multiple Species Conservation Program
msl	mean sea level
MSWLF	municipal solid waste landfill
MT	metric ton
MTS	Metropolitan Transit System
MWD	Metropolitan Water District
N ₂ O	nitrous oxide
NAAQS	national ambient air quality standards
NAFTA	North American Free Trade Agreement
NAGPRA	Native American Graves Protection and Repatriation Act
NAHASDA	Native American Housing Assistance and Self Determination Act of 1996
NAHC	Native American Heritage Commission
NCTD	North County Transit District
NDAA	Natural Disaster Assistance Act
NEPA	National Environmental Policy Act
NERR	National Estuarine Research Reserve
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NNL	National Natural Landmarks
NO	nitrogen oxide
NO ₂	nitrogen dioxide
NO ₃	nitrogen trioxide
NOA	Notice of Availability
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Completion
NOI	Notice of Intent

NOP	Notice of Preparation
NOSC	Naval Ocean Surveillance Center
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Services
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NSB	National Scenic Byway
NTS	National Trails System
NTSA	National Trails System Act
NTU	nephelometric turbidity unit
NWR	National Wildlife Refuge
O ₃	ozone
OES	Office of Emergency Services
OGV	ocean-going vessel
OHMVR	Off-Highway Motor Vehicle Recreation
OPR	Office of Planning and Research
OS-RM	Open Space – Resource Management
OSSA	Open Space Subvention Act
pb	lead
PCB	polychlorinated biphenyls
PCC	Portland Concrete Cement
PCW	Project Clean Water
PEIR	Programmatic Environmental Impact Report
PFC	perfluorocarbon
PM	particulate matter
POE	Point of Entry
ppm	parts per million
ppt	parts per thousand
PRC	Public Resources Code
PRG	Preliminary Remediation Goal
PSR	Project Study Report
PTC	Positive Train Control
RAQS	Regional Air Quality Strategy
RASP	Regional Aviation Strategic Plan
RCA	Resource Conservation Area
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act
RHNA	Regional Housing Needs Assessment
RHNP	Regional Housing Need Plan
ROG	reactive organic gas
RONA	Record of Non-Applicability
ROW	right-of-way
RPO	Resource Protection Ordinance
RTAC	Regional Targets Advisory Committee
RTIP	Regional Transportation Improvement Plan
RTMS	Regional Transit Management System
RTP	Regional Transportation Plan

RTPA	Regional Transportation Planning Agency
RWQCB	Regional Water Quality Control Board
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act
SAHOPE	Secretaría de Asentamientos Humanos y Obras Públicas del Estado: State of Baja California Secretary of Public Works and Human Settlements
SAM	Site Assessment and Mitigation
SANDAG	San Diego Association of Governments
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SBIWTP	South Bay International Wastewater Treatment Plant
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SD&AE	San Diego & Arizona Eastern
SD&IV	San Diego & Imperial Valley Railroad
SDAB	San Diego Air Basin
SDCWA	San Diego County Water Authority
SDG&E	San Diego Gas and Electric
SDNR	San Diego Northern Railroad
SDDSD	San Diego County Sheriff's Department
SDTC	San Diego Transit Corporation
SDUPD	San Diego Unified Port District
SF ₆	sulfur hexafluoride
SFHA	Special Flood Hazard Area
SHMA	Seismic Hazards Mapping Act
SHOPP	State Highway Operation and Protection Program
SIP	State Implementation Plan
SMARA	Surface Mining and Reclamation Act
SMGB	State Mining and Geology Board
SO ₂	sulfur dioxide
SoCalGas	Southern California Gas Company
SONGS	San Onofre Nuclear Generating Station
SOV	Single-Occupant Vehicle
SO _x	oxides of sulfur
SPCC	Spill Prevention Control and Counter-Measures Plan
SR	State Route
SRA	State Responsibility Area
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
SUSMP	Standard Urban Runoff Mitigation Plan
SWG	Stakeholders Working Group
SWIS	Solid Waste Inventory System
SWMP	Stormwater Management Plan
SWPL	Southwest Power Link
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCM	Transportation Control Measure
TCRP	Transportation Congestion Relief Program

TDA	Transportation Development Act
TDM	Transportation Demand Management Programs
TDS	total dissolved solids
TEA-21	Transportation Efficiency Act for the 21st Century
TMDL	total maximum daily load
TOC	total organic carbon
TPSNR	Torrey Pines State Natural Reserve
TPZ	Timberland Production Zone
TransNet	transportation network
TSM	Transportation System Management Strategies
TSS	total suspended solid
USDOT	United States Department of Transportation
USEPA	U.S. Environmental Protection Agency
UBC	Uniform Building Code
UDC	Unified Disaster Council
Uniform Act	Federal Uniform Relocation and Real Property Acquisition Policies Act
UP	Union Pacific Railroad
URBEMIS	Urban Emissions Model
USACE	U.S. Army Corps of Engineers
USC/U.S.C.	United States Code
USDA	United States Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USMP	Urban Water Management Plan
UST	Underground Storage Tank
UTC	University Town Center
v/c ratio	volume to capacity ratio
VA	Department of Veterans Affairs
VMT	vehicle miles traveled
VOC	volatile organic compound
WUI	Wildland-Urban Interface