

West Santa Ana Branch Transit Corridor

Final EIS/EIR: Table of Contents and Acronyms



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WEST SANTA ANA BRANCH TRANSIT CORRIDOR PROJECT

Final EIS/EIR
Table of Contents and Acronyms

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Final Environmental Impact Statement/ Environmental Impact Report

LEAD AGENCIES: Federal Transit Administration of the U.S. Department of Transportation; Los Angeles County Metropolitan Transportation Authority

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Appendices

APPENDIX A: ALTERNATIVES CONSIDERED

APPENDIX B: FINAL ADVANCED CONCEPTUAL ALIGNMENT DESIGN

APPENDIX C: SYSTEM COMPONENTS AND ANCILLARY FACILITIES

APPENDIX D: RESPONSES TO COMMENTS RECEIVED ON THE DRAFT EIS/EIR

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APPENDIX F: FUNDING AND FINANCING FOR THE WEST SANTA ANA BRANCH PROJECT

APPENDIX G: COORDINATION

ACRONYMS AND ABBREVIATIONS

Acronyms	Definitions
µm	micrometer
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACM	asbestos-containing materials
ACS	American Community Survey
ACTA	Alameda Corridor Transportation Authority
ADA	Americans with Disabilities Act
ADL	aerial-deposited lead
APE	Area of Potential Effects
APTA	American Public Transportation Association
AQMP	Air Quality Management Plan
AREMA	American Railway Engineering and Maintenance-of-Way Association
ATSDR	Agency for Toxic Substances and Disease Registry
Basin	South Coast Air Basin
bgs	below ground surface
BMP	best management practice
Btu	British thermal unit
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal/OSHA	California Occupational Safety and Health Administration
CalEEMod	California Emission Estimator Model
CalGEM	California Department of Conservation Geologic Energy Management Division
CALGreen	California Green Building Standards Code
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officer's Association
CAPTI	Climate Action Plan for Transportation Infrastructure
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association
CBC	California Building Code

Acronyms	Definitions
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCTV	closed circuit television
CDC	Centers for Disease Control and Prevention
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQ	Council of Environment Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGP	General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities
CGS	California Geological Survey
CH ₄	methane
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CPTED	Crime Prevention Through Environmental Design
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRMDP	Cultural Resources Monitoring and Discovery Program
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
DASH	Downtown Area Short Hop
dB	decibel
dBA	A-weighted decibel
DC	direct current
DHSS	Delaware Health and Social Services
DIR	California Department of Industrial Relations
DOGGR	California Division of Oil, Gas, and Geothermal Resources, now known as California Geologic Energy Management Division (CalGEM)
DTSC	Department of Toxic Substances Control

Acronyms	Definitions
DWR	California Department of Water Resources
ECMP	Energy Conservation and Management Plan
EIR	environmental impact report
EIS	environmental impact statement
EJ	environmental justice
EMF	electromagnetic field
EMI	electromagnetic interference
EO	Executive Order
EPBT	Elysian Park Blind Thrust Fault
EPP	Emergency Preparedness Plan
ESA	environmental site assessment
FAST Act	Fixing America's Surface Transportation Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FLM	First/Last Mile
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
g	acceleration due to gravity
g/mi	grams per mile
GBV	groundborne vibration
GHG	greenhouse gas
GIS	geographic information system
GO	General Order
GSA	Groundwater Sustainability Agency
GWP	global warming potential
H ₂ S	hydrogen sulfide gas
HBW	home-based work
HHS	U.S. Department of Health and Human Services
HRT	heavy rail transit
HUD	Department of Housing and Urban Development

Acronyms	Definitions
HVAC	heating, ventilation, and air conditioning
Hz	hertz
I-	Interstate
IEEE	Institute of Electrical and Electronics Engineers
IGP	Industrial General Permit
in/sec	inches per second
ITS	Intelligent Transportation System
IVT	in-vehicle travel time
kV	kilovolt
kWh	kilowatt hours
LA	Los Angeles
LA County	Los Angeles County
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LACSD	Los Angeles County Sheriff's Department
LADOT	Los Angeles Department of Transportation
LADPW	Los Angeles Department of Public Works
LA-NMS	Los Angeles – North Main Street
LAPD	Los Angeles Police Department
LARWQCB	Los Angeles Regional Water Quality Control Board
LAUS	Los Angeles Union Station
LAUSD	Los Angeles Unified School District
LAUSHS	Los Angeles Union Station Historical Society
LB-H	Long Beach – Hudson
LBN	Long Beach North
LB-NR	Long Beach – Near Road
LBP	lead-based paint
LBPD	Long Beach Police Department
lbs/day	pounds per day
L _{dn}	day-night noise level
LEED	Leadership in Energy and Environmental Design

Acronyms	Definitions
L_{eq}	equivalent noise level
LID	low impact development
Link US	Link Union Station
L_{max}	maximum sound level
LOS	level-of-service
LOSSAN	Los Angeles – San Diego – San Luis Obispo Rail Corridor
LPA	Locally Preferred Alternative
LRT	light rail transit
LRTP	long range transportation plan
LRV	light rail vehicle
LST	Localized Significance Thresholds
MAP-21	Moving Ahead for Progress in the 21st Century Act
MDE	maximum design earthquake
Metro	Los Angeles County Metropolitan Transportation Authority
Metro Board	Metro Board of Directors
mG	milligauss
MMTCO _{2e}	million metric tons of CO _{2e}
MOS	minimum operable segment
MPE	maximum permissible exposure
mph	miles per hour
MRDC	Metro Rail Design Criteria
MRI	magnetic resonance imaging
MRN	Map Reference Number
MS4	municipal separate storm sewer system
MSAT	Mobile Source Air Toxic
MSF	maintenance and storage facility
msl	mean sea level
MTCO _{2e}	metric tons of CO _{2e}
MUTCD	Manual of Uniform Traffic Control Devices
MWD	Metropolitan Water District
mya	million years ago

Acronyms	Definitions
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NO ₂	nitrogen dioxide
NOA	Notice of Availability
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NTS	Norwalk Transit System
O&M	operations and maintenance
O ₃	ozone
OCS	overhead catenary system
ODE	operating design earthquake
OHWM	Ordinary High Water Mark
OPR	California Office of Planning and Research
OSHA	U.S. Occupational Safety and Health Administration
OVT	out-of-vehicle travel time
P	Primary Number
P.L.	Public Law
PAH	polycyclic aromatic hydrocarbons
Pb	lead
PCB	polychlorinated biphenyls
pCi/l	picocuries per liter of air pCi/l
PE	Preliminary Engineering
PEROW	Pacific Electric Right-of-Way

Acronyms	Definitions
PGA	peak ground acceleration
PHA	Preliminary Hazard Analysis
PHBT	Puente Hills Blind Thrust Fault
PM	particulate matter
PM ₁₀	respirable particulate matter of diameter less than 10 microns
PM _{2.5}	fine particulate matter of diameter less than 2.5 microns
ppm	parts per million
PPV	peak particle velocity
PQS	Professional Qualification Standards
PRC	Public Resources Code
PRMMP	Paleontological Resources Mitigation and Monitoring Program
Project	West Santa Ana Branch Transit Corridor Project
PSR/PR	Project Study Reports/Project Reports
PV	photovoltaic
RCRA	Resource Conservation and Recovery Act
RHA	Rivers and Harbors Act
RMS	root mean square
ROW	right-of-way
RTIP	Regional Transportation Improvement Plan
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SDC	Seismic Design Criteria

Acronyms	Definitions
SEL	sound exposure level
SGMA	Sustainable Groundwater Management Act
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLF	Sacred Lands File
SO ₂	sulfur dioxide
SoCalGas	Southern California Gas Company
SR-	State Route
SRA	Source Receptor Areas
SVP	Society of Vertebrate Paleontology
SWG	Stakeholder Working Group
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminants
TAC	Technical Advisory Committee
TAZ	Transportation Analysis Zone
TC&C	train control and communications
TCE	temporary construction easement
TCP	Traditional Cultural Property
TCR	Tribal Cultural Resource
TCWP	Transportation Conformity Working Group
TMDL	total maximum daily load
TMP	Transportation Management Plan
TOD	transit-oriented development
TOD SIP	Transit-Oriented Development Strategic Implementation Plan
TPSS	traction power substation
TRS	Technical Refinement Study
TSB	LACSD Transit Services Bureau
TVA	Threat and Vulnerability Assessment
U.S.C.	United States Code
UPRR	Union Pacific Railroad

Acronyms and Abbreviations

Acronyms	Definitions
US-	U.S. Highway
US-101	U.S. Highway 101
USACE	United States Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
UST	underground storage tanks
VCE	vertical circulation element
VdB	decibel notation
VMT	vehicle miles traveled
WDR	waste discharge requirement
WRD	Water Replenishment District of Southern California
WSAB	West Santa Ana Branch
YOE	Year of Expenditure