PACIFIC ELECTRIC ROW/ WEST SANTA ANA BRANCH CORRIDOR

ALTERNATIVES ANALYSIS REPORT






CONNECTING COMMUNITIES BETWEEN LOS ANGELES AND ORANGE COUNTIES

February 7, 2013

SOUTHERN CALIFORNIA ASSOCIATION of GOVERNMENTS

PACIFIC ELECTRIC CORRIDOR

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AA	Alternatives Analysis
ACTA	Alameda Corridor Transportation Authority
AQMP	Air Quality Management Plan
BNSF	Burlington Northern Santa Fe
BRT	Bus Rapid Transit
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAHSR	California High Speed Rail
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCSP	Climate Change Scoping Plan
CEC	California Energy Commission
CEDD	California Employment Development Department
CEI	Cost-Effectiveness Index
CEQA	California Environmental Quality Act
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH_4	Methane
CNG	Compressed Natural Gas
COG	Council of Governments
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CPUC	California Public Utilities Commission
CRA	California Redevelopment Agency
dB	Decibels
dBA	A-weighted decibel
DEIR	Draft Environmental Impact Report
DEIS	Draft Environmental Impact Study
DMU	Diesel Multiple Unit
DOE	Department of Energy
DOT	Department of Transportation
EIR	Environmental Impact Report
EIS	Environmental Impact Study
EJ	Environmental Justice
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FRA	Federal Railroad Administration
GHG	Greenhouse Gas
GWP	Global Warming Potential

HOT	High Occupancy Toll Lane
HOV	High Occupancy Vehicle
HSST	High Speed Surface Transport
I	Interstate
IEPR	Integrated Energy Policy Report
IPCC	Intergovernmental Panel on Climate Change
ITS	Intelligent Transportation Systems
LACMTA	Los Angeles County Metropolitan Transportation Authority
LADWP	Los Angeles Department of Water and Power
LAX	Los Angeles International Airport
LOS	Level of Service
LRV	Light Rail Vehicle
LRT	Light Rail Transit
LRTP	Long Range Transportation Plan
Maglev	Magnetic Levitation
Metro	Los Angeles Metropolitan Transportation Authority
MIS	Major Investment Study
MOS	Minimum Operable Segment
N_2O	Nitrous Oxide
NABI	North American Bus Industries
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NO_2	Nitrogen Dioxide
NRHP	National Register of Historical Properties
NRIS	National Register Information System
OCS	Operating Control System
OCTA	Orange County Transportation Authority
OHP	California Office of Historic Preservation
OLDA	Orange Line Development Authority
O&M	Operating and Maintenance
PE	Pacific Electric
PEROW/WSAB	Pacific Electric Right of Way/West Santa Ana Branch Corridor
PM_{10}	Particulate matter less than 10 microns in diameter
$PM_{2.5}$	Particulate matter less than 2.5 microns in diameter
ROW	right-of-way
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
SARTC	Santa Ana Regional Transportation Center
SC	Steering Committee
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments

SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SO_2	Sulfur Dioxide
SOV	Single Occupancy Vehicle
SR	State Route
TAC	Technical Advisory Committee
TAZ	Transportation Analysis Zone
TDM	Travel Demand Modeling
TGC	Southern California Gas Company
TIP	Transportation Improvement Program
TOD	Transit-oriented Development
TSM	Transportation Systems Management
UNFCCC	United Nations Framework Convention on Climate Change
UP	Union Pacific
USACE	US Army Corp of Engineers
USEPA	US Environmental Protection Agency
VdB	Vibration decibels
VMT	Vehicle Miles Traveled
WSAB	West Santa Ana Branch