

Final Environmental Impact Report

GOLD LINE EASTSIDE TRANSIT CORRIDOR PHASE 2



Prepared for
Los Angeles Metropolitan
Transportation Authority
One Gateway Plaza
Los Angeles, CA 90012

April 2024

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Prepared for:
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Appendices

- Appendix A Public Comment Submissions
- Appendix B Public Outreach
- Appendix C Updated Engineering Drawings

Acronyms and Abbreviations

2016 RTP/SCS	2016-2040 Regional Transportation Plan/Sustainable Communities Strategy
2020 RTP/SCS	Connect SoCal 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy
AB	Assembly Bill
ACE	Advanced Conceptual Engineering
ACM	asbestos-containing material
ACS	American Community Survey
ADA	Americans with Disabilities Act
ADI	area of direct impacts
ADL	aerially-deposited lead
APE	area of potential effects
API	area of potential impact
APN	assessor's parcel number
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
bgs	below ground surface
BMP	Best Management Practice
BNSF	Burlington Northern Santa Fe
BRSA	Biological Resources Study Area
BRT	Bus Rapid Transit
CAA	Clean Air Act
Cal/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CBO	Community Based Organizations

CCAA	California Clean Air Act
CCAP	community climate action plan
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₄	methane
CIDH	cast-in-drilled-hole
CNDDDB	California Natural Diversity Database
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
Cortese List	Hazardous Waste and Substances Sites
CPUC	California Public Utility Commission
CRHR	California Register of Historical Resources
CRMMP	Cultural Resources Monitoring and Mitigation Plan
CWA	Clean Water Act
dB	decibels
dBA	A-weighted decibel
DHS	Department of Health Services
DPR	California Department of Parks and Recreation
DSA	detailed study area
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC	Emission Factor Model for On-road Motor Vehicles

EO	Executive Order
EWMP	Enhanced Watershed Management Programs
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FLM	first/last mile
FTA	Federal Transit Administration
GBN	ground-borne noise
GBV	ground-borne vibration
GHG	greenhouse gas
GIS	geographic information system
GSA	general study area
HASP	health and safety plan
HRA	Health Risk Assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate
IOS	Initial Operating Segment
k-12	kindergarten through 12th grade
kWh	kilowatt-hours
LA Basin Plan	Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LACFD	Los Angeles County Fire Department
LADWP	Los Angeles Department of Water and Power
LAPD	Los Angeles Police Department
LARWQCB	Los Angeles Regional Water Quality Control Board
LASD	Los Angeles County Sheriff's Department
LBP	lead-based paints

LCP	Lead Compliance Plan
Ldn	day-night noise level
Leq(h)	average hourly equivalent noise level
LID	low impact development
Lmax	maximum noise level
LOS	level of service
LPA	Locally Preferred Alternative
LRT	light rail transit
L RTP	Long Range Transportation Plan
LRV	light rail vehicle
LUST	Leaking Underground Storage Tank
MBTA	Migratory Bird Treaty Act
Metro	Los Angeles County Metropolitan Transportation Authority
MM	mitigation measure
mpg	miles per gallon
mph	miles per hour
MRDC	Metro Rail Design Criteria
MS4	municipal separate storm sewer systems
MSE	mechanically stabilized earth
MSF	maintenance and storage facility
MT	metric tons
MUTCD	Manual of Uniform Traffic Control Devices
MW	megawatts
N/A	not applicable
N ₂ O	nitrous oxide
NAHC	Native American Heritage Commission
NO ₂	nitrogen dioxide

NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O ₃	ozone
OCR	overhead conductor rail
OCS	overhead catenary system
OSHA	Occupational Safety and Health Administration
Pb	lead
PCB	polychlorinated biphenyls
PCE	perchloroethylene
PIH	Presbyterian Intercommunity Hospital
PM ₁₀	inhalable particulate matter or particulate matter with an aerodynamic diameter less than or equal to 10 micrometers
PM _{2.5}	fine particulate matter or particulate matter with an aerodynamic diameter less than or equal to 2.5 micrometers
PRC	Public Resources Code
Project	Eastside Transit Corridor Phase 2 Project
ROW	right-of-way
RSA	resource study area
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SO ₂	sulfur dioxide

SoCAB	South Coast Air Basin
SO _x	sulfur oxides
SR	State Route
SUSMP	Standard Urban Stormwater Mitigation Plan
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TBM	tunnel boring machine
TCR	Tribal Cultural Resources
TMDL	Total Maximum Daily Load
TOC	transit oriented communities
TOD	transit-oriented development
TPSS	traction power substation
TSM	Transportation Systems Management
U.S.	United States
UPRR	Union Pacific Railroad
USACE	United States Army Corps of Engineers
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
VdB	vibration decibels
VMT	vehicle miles traveled
VOC	volatile organic compounds
WATCH	Work Area Traffic Control Handbook Manual