

FINAL ENVIRONMENTAL IMPACT REPORT SAN RAFAEL TRANSIT CENTER REPLACEMENT PROJECT

PREPARED FOR:

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Acronyms and Abbreviations

°C	degree Celsius
µg/m ³	microgram per cubic meter
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACM	asbestos-containing materials
ADL	aerially deposited lead
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act of 1972
AVE	area of visual effects
BAAQMD	Bay Area Air Quality Management District
Basin Plan	San Francisco Bay Basin (Region 2) Water Quality Control Plan
BAU	business-as-usual
BMP	best management practice
BTU	British thermal unit
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy Standards
cal	calibrated
CAL FIRE	California Department of Forestry and Fire Protection
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCAP	Climate Change Action Plan
CCAP 2030	<i>San Rafael Climate Change Action Plan 2030</i>
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
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CH ₄	methane
CHRS	California Historical Resource Status
City	City of San Rafael
CMP	Congestion Management Plan
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
Construction General Permit	General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
District	Golden Gate Bridge, Highway and Transportation District
Downtown SAP	<i>San Rafael Downtown Station Area Plan</i>
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report

EMFAC2017	Emission Factor 2017
EO	Executive Order
EPA	U.S. Environmental Protection Agency
ERP	Emergency Recovery Plan
ESA	Endangered Species Act
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FHSZ	fire hazard severity zone
FTA	Federal Transit Administration
Geotechnical Recommendation	Preliminary Geotechnical Design Recommendations
GHG	greenhouse gas
GWP	global warming potential
HABS	Historic American Buildings Survey
HCM	Highway Capacity Manual
HCP	habitat conservation plan
“Hot Spots” Act	Air Toxics “Hot Spots” Information and Assessment Act of 1987
HRA	health risk assessment
HVAC	heating, ventilation, and air-conditioning
Industrial Permit	General Industrial Activities Stormwater Permit
IPCC	Intergovernmental Panel on Climate Change
IRP	Integrated Resource Plan
L_{dn}	day-night sound level
LED	light-emitting diode
LEED	Leadership in Energy and Environmental Design
L_{eq}	equivalent sound level
$L_{eq}(h)$	hourly equivalent sound level
LHMP	Local Hazard Mitigation Plan
L_{max}	maximum sound level

L _{min}	minimum sound level
LOS	level of service
LRA	Local Responsibility Area
LT	long-term
Marin Transit	Marin County Transit District
MCE	Marin Clean Energy
MCSTOPPP	Marin County Stormwater Pollution Prevention Program
MMWD	Marin Municipal Water District
MOU	Memorandum of Understanding
MS4	Municipal Separate Storm Sewer System
MTC	Metropolitan Transportation Commission
MWh	megawatt-hours
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHTSA	National Highway Traffic Safety Administrative
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NWIC	Northwest Information Center
NWP	Northwestern Pacific Railroad
O ₃	ozone
OA	Operational Area
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services

OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
PDA	Priority Development Area
PG&E	Pacific Gas and Electric Company
PM	particulate matter
PM ₁₀	inhalable coarse particles
PM _{2.5}	inhalable fine particles
Porter-Cologne Act	Porter-Cologne Water Quality Control Act
PPV	peak particle velocity
PRC	California Public Resources Code
Procedures	<i>Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources</i>
project or proposed project	San Rafael Transit Center Replacement Project
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RMS	root-mean-square
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCS	sustainable communities strategy
SFBAAB	San Francisco Bay Area Air Basin
SIP	State Implementation Plan
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLCP	short-lived climate pollutant

SMART	Sonoma-Marín Area Rail Transit
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SRA	State Responsibility Area
SRFD	San Rafael Fire Department
SRPD	San Rafael Police Department
STIP	State Transportation Improvement Program
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAM	Transportation Authority of Marin
Tanner Act	Toxic Air Contaminant Identification and Control Act
TMDL	Total Maximum Daily Load
U.S.C.	United States Code
Under2 MOU	Global Climate Leadership Memorandum of Understanding
US-101	U.S. Highway 101
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tank
VdB	vibration decibels
VMT	vehicle miles traveled