



Environmental Impact Report **SHORELINE GATEWAY PROJECT**



Lead Agency:
City of Long Beach Redevelopment Agency

Prepared by:
RBF Consulting

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FINAL
ENVIRONMENTAL IMPACT REPORT

SHORELINE GATEWAY PROJECT

SCH NO. 2005121066

Lead Agency:

CITY OF LONG BEACH REDEVELOPMENT AGENCY

333 West Ocean Boulevard, Seventh Floor
Long Beach, California 90802
Contact: Ms. Angela Reynolds
562.570.6357

Prepared by:

RBF CONSULTING
14725 Alton Parkway
Irvine, California 92618-2027
Contact: Mr. Glenn Lajoie, AICP
Ms. Starla Hack
949.472.3505

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LIST OF ACRONYMS

ACM	asbestos containing material
ADT	average daily trips
AF	acre-foot/feet
AHERA	Asbestos Hazard Emergency Response Act
ALUP	Airport Land Use Plan
APA	allowable pumping allocation
APN	Assessor parcel number
AQMP	Air Quality Management Plan
ASCE	American Society of Civil Engineering
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
Basin	South Coast Air Basin
CAAQS	California Ambient Air Quality Standards
CalEPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
<i>CEQA Guidelines</i>	<i>California Environmental Quality Act Guidelines, 2004</i>
CFC	California Fire Code
CFR	Code of Federal Regulations
cfs	cubic foot/feet per second
City	City of Long Beach
CIWMB	California Integrated Waste Management Board
cm	centimeter(s)
CMP	County of Los Angeles Metropolitan Transportation Authority 1997 Congestion Management Program
CNEL	community noise equivalent level
CO	carbon monoxide
CO ₂	carbon dioxide
COD	chemical oxygen demand
CPSC	Consumer Product Safety Commission
CPUC	California Public Utilities Commission
CWA	Clean Water Act
dB	decibel(s)



dBA	A-weighted decibel(s)
DHHS	Department of Health and Human Services
DOGGR	California Department of Oil, Gas and Geothermal Resources
DOT	Department of Transportation
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
EIR	Environmental Impact Report
EPA	(U.S.) Environmental Protection Agency
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FCAA	Federal Clean Air Act
FERC	Federal Energy Regulatory Commission
FHWA	(U.S. Department of Transportation) Federal Highway Administration
FIRM	Flood Insurance Rate Map
GIS	Geographic Information System
<i>General Plan</i>	<i>City of Long Beach General Plan</i>
gpd	gallon(s) per day
GVR	(SCAG) Growth Vision Report
HREC	historic recognized environmental condition
ICU	intersection capacity utilization
Initial Study	Projects Within the Downtown and Central Long Beach Redevelopment Plan Areas Initial Study
ISO	Insurance Service Organization
ITE	Institute of Transportation Engineers
JWPCP	Joint Water Pollution Control Plant
L	liter(s)
LACDPW	Los Angeles County Department of Public Works
LADOT	Los Angeles Department of Transportation
LBFD	Long Beach Fire Department
LBP	lead based paint
LBPD	Long Beach Police Department
LBT	Long Beach Transit
LBUSD	Long Beach Unified School District
LBWD	Long Beach Water Department
Ldn	Day/Night Average Sound Level
Leq	Equivalent Sound Level
LOS	level of service
L RTP	Long Range Transportation Plan



LUD	land use districts
MEP	Maximum extent practicable
mg	Milligram(s)
mgd	million gallons per day
MMA	Meyer, Mohaddes Associates
mph	mile(s) per hour
MPO	Metropolitan Planning Organization
msl	mean sea level
MTA	(Los Angeles) Metropolitan Transportation Authority
<i>Municipal Code</i>	<i>City of Long Beach Municipal Code</i>
μohm	micro-ohm
MUTCD	Manual on Uniform Traffic Control Devices
MWD	Metropolitan Water District of Southern California
MWh	Megawatt hour
N	Nitrogen
NAAQS	National Ambient Air Quality Standards
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NPDES	National Pollution Discharge Elimination System
NO ₂	nitrogen dioxide
NOA	notice of availability
NOC	notice of completion
NOI	notice of intent
NOP	notice of preparation
NO _x	nitrogen oxides
O ₃	ozone
OCTA	Orange County Transportation Authority
P	phosphorus
Pb	lead
PCB	polychlorinated biphenyls
PD	Planned Development
Phase I	Phase I Environmental Site Assessment
PM ₁₀	particulate matter up to 10 microns in diameter
PM _{2.5}	particulate matter up to 2.5 microns in diameter
ppm	parts per million
ppv	peak particle velocity
PRC	(California) Public Resources Code
PWS	public water supplier



RBF	RBF Consulting
RCPG	(SCAG) Regional Comprehensive Plan and Guide
REC	recognized environmental condition
rms	root mean square
ROG	reactive organic gas
ROWD	Report of Waste Discharge
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SCAG	Southern California Association of Governments
SCAQMD	Southern California Air Quality Management District
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCGC	Southern California Gas Company
SENEL	single-event noise equivalent levels
SIP	state implementation plan
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SRA	Source Receptor Area
SRRE	Source Reduction and Recycling Element
STIP	State Transportation Improvement Plan
SUSMP	Standard Urban Stormwater Mitigation Plan
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
T-BACT	toxic best available control technology
TDM	transportation demand management
TDS	total dissolved solids
TIA	Traffic Impact Analysis
TKN	total Kjeldahl nitrogen
TOC	total organic carbon
UFC	Uniform Fire Code
USACE	U.S. Army Corps of Engineers
USGS	U.S. (Department of the Interior) Geological Survey
USPS	United States Postal Service
UST	underground storage tank
UV-B	ultraviolet rays



City of Long Beach
Shoreline Gateway Project Environmental Impact Report

UWMP	Urban Water Management Plan
V/C	vehicle to capacity
VOC	volatile organic compound
WRD	Water Replenishment District of Southern California
<i>Zoning Map</i>	<i>City of Long Beach Zoning Map</i>
<i>Zoning Regulations</i>	<i>City of Long Beach Zoning Regulations</i>