

Acronyms and Abbreviations

AASHTO	American Association of State Highway and Transportation Officials
ACHP	Advisory Council on Historic Preservation
APE	Area of Potential Effect (applicable to archaeological, historical, and cultural resources)
AST	aboveground storage tank
AVO	average vehicle occupancy
BFS	City and County of Honolulu Department of Budget and Fiscal Services
BMP	Best Management Practice(s)
BRT	Bus Rapid Transit
BTU	British thermal unit
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CFR	Code of Federal Regulations
City	City and County of Honolulu
CO	carbon monoxide
CPI-U	Consumer Price Index for all Urban Consumers
CWA	Clean Water Act
CZM	Coastal Zone Management
dB	decibels
dBA	A-weighted decibels
DBEDT	State of Hawai`i Department of Business, Economic Development and Tourism
BFS	City and County of Honolulu Department of Budget and Fiscal Services
DFM	City and County of Honolulu Department of Facility Maintenance
DHHL	State of Hawai`i Department of Hawaiian Home Lands
DLNR-DFW	State of Hawai`i Department of Land and Natural Resources, Division of Forestry and Wildlife
DPP	City and County of Honolulu Department of Planning and Permitting
DPR	City and County of Honolulu Department of Parks and Recreation
DTS	City and County of Honolulu Department of Transportation Services
EIS	Environmental Impact Statement
EJ	Environmental Justice

EMF	electric and magnetic field
EPA	U.S. Environmental Protection Agency
ESA	environmental site assessment
`Ewa (direction)	toward the west (see also Wai`anae)
FFGA	Full Funding Grant Agreement
FHWA	Federal Highway Administration
ft	feet
FTA	Federal Transit Administration
FY	fiscal year
GET	general excise and use tax
GIS	Geographic Information System
H-1	Interstate Route H-1 (the H-1 Freeway)
H-2	Interstate Route H-2 (the H-2 Freeway)
H-3	Interstate Route H-3 (the H-3 Freeway)
HAR	Hawai`i Administrative Rules
HART	Honolulu Area Rail Rapid Transit
HBMP	Hawai`i Biodiversity and Mapping Program
HCDA	Hawai`i Community Development Authority
HCP	Habitat Conservation Plan
HDLNR	State of Hawai`i Department of Land and Natural Resources
HDOH	State of Hawai`i Department of Health
HDOT	State of Hawai`i Department of Transportation
HECO	Hawaiian Electric Company
HOV	high-occupancy vehicle
HRS	Hawai`i Revised Statutes
HRT	Honolulu Rapid-Transit Development
HRT&L	Honolulu Rapid Transit & Land Company
HUD	U.S. Department of Housing and Urban Development
IVT	in-vehicle time
kg	kilogram
Koko Head (direction)	toward the east
kV	kilovolts
Ldn	day/night noise level (descriptor of daily noise environment; incorporates a penalty for high noise levels at night)
Leq	equivalent sound level (common environmental noise descriptor)

Leq(h)	hourly equivalent sound level
Lmax	maximum noise level during an event
LOS	level-of-service
LPA	Locally Preferred Alternative
LWCF	Land and Water Conservation Fund
makai (direction)	toward the sea
mauka (direction)	toward the mountains
MBTA	Migratory Bird Treaty Act
MBTU	million British thermal units
µg/m ³	micrograms per cubic meter
MOA	Memorandum of Agreement
MOT	Maintenance of Traffic (Plan)
mph	miles per hour
MSAT	mobile source air toxics
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NO ₂	nitrogen dioxide
NOAA/NMFS	National Oceanic and Atmospheric Administration National Marine Fisheries Service
NOI	Notice of Intent
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O&M	operating and maintenance
O ₃	ozone
O`ahuMPO	O`ahu Metropolitan Planning Organization
OEQC	State of Hawai`i Office of Environmental Quality Control
OR&L	O`ahu Railway and Land Company
ORTP	O`ahu Regional Transportation Plan
OTS	O`ahu Transit Services, Inc.
PA	Programmatic Agreement

Pb	lead
PE	preliminary engineering
PEEP	Preliminary Engineering Evaluation Program
PIP	Public Involvement Plan
PM ₁₀	particulate matter smaller than or equal to 10 microns in size
PM _{2.5}	particulate matter smaller than or equal to 2.5 microns in size
ppm	parts per million
PUC	Primary Urban Center
ROH	Revised Ordinances of Honolulu
RTD	City and County of Honolulu Department of Transportation Services Rapid Transit Division
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act—A Legacy for Users
Section 106	Section 106 of the National Historic Preservation Act of 1966, as amended (16 USC 470)
Section 4(f)	Section 4(f) of the U.S. Department of Transportation Act (USC 1653[f])
SHPD	State Historic Preservation Division
SO ₂	sulfur dioxide
SSMP	Safety and Security Management Plan
TAA	Transportation Analysis Area
TCP	Traditional Cultural Properties
TDM	Transportation Demand Management
TMK	Tax Map Key
TMP	Transit Mitigation Program
TOD	transit-oriented development
TPSS	traction power substation
TSD	transit-supportive development
TSM	Transportation System Management
UH	University of Hawai`i
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USDOE	U.S. Department of Energy
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service

USHHS	U.S. Department of Health and Human Services
UST	underground storage tank
V/C	volume-to-capacity
VdB	vibration decibels (measure of vibration velocity)
VHD	vehicle hours of delay
VHT	vehicle hours traveled
VMT	vehicle miles traveled
VOC	volatile organic compounds
vph	vehicles per hour
Wai`anae (direction)	toward the west (see also `Ewa)
YOE	year of expenditure

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