

AAC	Alaska Administrative Code
AASHTO	American Association of State Highway and Transportation Officials
A-C Couplet	A Street-C Street couplet
ACMA	Alaska Coastal Management Act
ACMP	Alaska Coastal Management Program
ACS	Alaska Communications Systems
ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ADOLWD	Alaska Department of Labor and Workforce Development
ADOT&PF	Alaska Department of Transportation and Public Facilities
ADT	average daily traffic
AEC	Alaskan Engineering Commission
AFD	Anchorage Fire Department
Alascom	AT&T Alascom
ALCOM	Alaskan Command
AMATS	Anchorage Metropolitan Area Transportation Solutions
AMC	Anchorage Municipal Code
AMSA	Area Which Merits Special Attention
Anchorage	Municipality of Anchorage
<i>Anchorage 2020</i>	<i>Anchorage 2020: Anchorage Bowl Comprehensive Plan</i>
ANCSA	Alaska Native Claims Settlement Act of 1971
ANHP	Alaska National Heritage Program
ANILCA	Alaska National Interest Lands Conservation Act
APET	Alaska Port Expansion Team
APTI	Alaska Public Telecommunications, Inc.
ARDSA	Anchorage Roads and Drainage Service Area
ARL	Anchorage Regional Landfill
ARRC	Alaska Railroad Corporation
ARREC	Alaska Railroad Employees Club
AS	Alaska Statutes
ASD	Anchorage School District
ASWG	Alaska Shorebird Working Group
ATV	all-terrain vehicle
AWQS	Alaska Water Quality Standards
AWWU	Anchorage Water and Wastewater Utility
BEESC	Bristol Environmental and Engineering Services Corp.
BEPA	Bald Eagle Protection Act
BETX	benzene, ethylbenzene, toluene, and total xylenes
BFE	base flood elevation

BLM.....	U.S. Bureau of Land Management
BMPs .....	best management practices
BRAC.....	Base Realignment and Closure
BRT.....	Bus Rapid Transit
CBERRRSA.....	Chugiak, Birchwood, Eagle River, Rural Road Service Area
CCRs.....	covenants, conditions, and restrictions
CDA.....	Circularly Disposed Antenna Array
CDP.....	census-designated place
CEA .....	Chugach Electric Association
CEMP.....	Comprehensive Emergency Management Plan
CEQ .....	Council on Environmental Quality
C.F.R.....	Code of Federal Regulations
CIMMC.....	Cook Inlet Marine Mammal Commission
CIP .....	Capital Improvement Program
CIRI .....	Cook Inlet Region Incorporated
CLG .....	certified local government
CMP.....	Coastal Management Plan
CO.....	carbon monoxide
Core Area Plan.....	Matanuska-Susitna Borough: <i>Core Area Comprehensive Plan</i>
CP.....	Corridor Preservation
CPT .....	Cairn Point Trench
CWA .....	Clean Water Act
CZMA .....	Coastal Zone Management Act
dB.....	decibels
dB re 1 $\mu$ Pa .....	sound intensity, in decibels, referenced to 1 micro-Pascal (air reference level = dB re 20 $\mu$ Pa)
dBA.....	A-weighted decibel
DLA .....	U.S. Army Defense Logistics Agency
Dena'ina.....	Dena'ina Athabascans
DPS .....	distinct population segment
EO .....	Executive Order
EA .....	environmental assessment
EFH.....	essential fish habitat
EIS .....	environmental impact statement
Elmendorf .....	Elmendorf Air Force Base
EMS.....	emergency medical services
ENSTAR.....	ENSTAR Natural Gas Company
ERWTP.....	Eagle River Wastewater Treatment Plant
ESA.....	Endangered Species Act
EWG .....	Economic Working Group
FAA .....	Federal Aviation Administration

FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
Fort Richardson	Fort Richardson Military Base
FTA	Federal Transit Administration
FY	fiscal year
g	fraction of gravity
GHFS	Global High Frequency System
Glenn-Seward Highway Corridor	Glenn and Seward Highways
GMU	Game Management Unit
gpm	gallons per minute
HF	high frequency
IBC	International Building Code
IMPLAN™	IMpact analysis for PLANning
Ingra-Gambell Couplet	Ingra Street-Gambell Street couplet
ISA	Instrumentation, Systems, and Automation Society
ISER	University of Alaska Anchorage's Institute for Social and Economic Research
ITC	Intermodal Transportation Center
JPA	Joint Powers Authority
KABATA	Knik Arm Bridge and Toll Authority
KAC	Knik Arm Crossing
KLI	Kinnetic Laboratories, Inc.
kV	kilovolt
$L_{eq} \cdot h$	hourly equivalent level
LO/LO	load on/load off
LOS	level of service
LOW	lacustrine open water areas (large lakes >20 acres)
L RTP	<i>Long-Range Transportation Plan</i>
MARAD	Maritime Administration
MASCOT	Matanuska-Susitna Community Transit
Mat-Su	Matanuska-Susitna Borough
MBTA	Migratory Bird Treaty Act
MEA	Matanuska Electric Association
MEL	Municipal Entitlement Lands
mgd	million gallons per day
mg/l	milligrams per liter
$\mu\text{g/l}$	micrograms per liter
MHW	Mean High Water
$\text{mi}^2$	square miles
ML&P	Anchorage Municipal Light and Power Company

MLLW	Mean Lower Low Water
MLW	Division of Mining, Land and Water
MMPA	Marine Mammal Protection Act
MOA	Municipality of Anchorage
MPH	miles per hour
MS4	Municipal separate storm sewer system
MSB	Matanuska-Susitna Borough
MSBSD	Matanuska-Susitna Borough School District
MTA	Matanuska Telephone Association
MVM	million vehicle miles
MW	megawatts (one million watts)
n.d.	no date
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NCIMA	Northern Cook Inlet Sport Fish Management Area
NEPA	National Environmental Policy Act
NGOs	nongovernmental organizations
NHS	National Highway System
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
non-EFH	nonessential fish habitat
NO <sub>x</sub>	nitrogen oxide
NPDES	National Pollutant Discharge and Elimination System
NPL	National Priority List
NRCS	Natural Resources Conservation Service
NTU	nephelometric turbidity unit
O&M	operation and maintenance
O <sub>3</sub>	ozone
OCRM	Office of Coastal Resource Management
OE	ordnance and explosives
OHMP	Office of Habitat Management and Permitting
OPMP	Office of Project Management and Permitting
ORV	off-road vehicle
P&N	purpose and need
Pb	lead
PCBs	polychlorinated biphenyls
PEM1	palustrine persistent emergent wetlands (wet meadows, marshes)
PFO4	palustrine forested wetlands (muskegs)
PL	Public Law

PM <sub>10</sub> .....	particulate matter 10 microns in diameter
PM <sub>2.5</sub> .....	particulate matter 2.5 microns in diameter
POA.....	Port of Anchorage
POLs.....	petroleum, products, oils, and lubricants
POW.....	palustrine open water (ponds under 20 acres)
ppm.....	parts per million
PSS1, PSS4.....	palustrine scrub-shrub wetlands (shrub bogs, shrub thickets)
R2, R3.....	riverine systems (persistent open water areas of rivers and streams)
RFFAs .....	reasonably foreseeable future action
RO/RO.....	roll on/roll off
ROW.....	right-of-way
RTPO.....	Regional Transportation Planning Organization
s .....	second
SAFETEA-LU.....	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB .....	Senate Bill
SEL.....	sound exposure level
SFSGR.....	Susitna Flats State Game Refuge
SGR .....	State Game Refuge
SHPO.....	State Historic Preservation Office [ <i>the</i> SHPO = the State Historic Preservation Officer]
SIP .....	State Implementation Plan
SLA .....	Session Laws of Alaska
SO <sub>2</sub> .....	sulfur dioxide
SPL .....	sound pressure level
SpUD.....	special use district
STIP.....	Statewide Transportation Improvement Program
SWATH.....	Small Waterplane Area Twin Hull
TAH.....	total aromatic hydrocarbons
TAPS .....	Trans Alaska Pipeline System
TAqH.....	total aqueous hydrocarbons
TBM .....	tunnel-boring machine
TDS .....	total dissolved solids
TEA-21.....	Transportation Equity Act for the 21st Century
TIFIA.....	Transportation Infrastructure Finance and Innovation Act
TIP.....	Anchorage Transportation Improvement Program
TMDL.....	total maximum daily load
TMP.....	Traffic Management Plan
TNM .....	Traffic Noise Model
Uniform Act .....	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
USACE.....	U.S. Army Corps of Engineers

U.S.C.....	United States Code
USCG.....	U.S. Coast Guard
USDA.....	U.S. Department of Agriculture
USDOT .....	U.S. Department of Transportation
USEPA.....	U.S. Environmental Protection Agency
USFWS .....	U.S. Fish and Wildlife Service
USGS .....	U.S. Geological Survey
V/C.....	volume-to-capacity ratio
VHT .....	vehicle hours traveled
VMT.....	vehicle miles traveled
WMS.....	Watershed Management Services
WWTF .....	waste water treatment facility

## Acronyms and Abbreviations

A-C Couplet.....	A Street-C Street couplet
ADF&G .....	Alaska Department of Fish and Game
AHRS.....	Alaska Heritage Resources Survey
AO.....	Assembly Ordinance
ARRC.....	Alaska Railroad Corporation
ARREC .....	Alaska Railroad Employees Club
bbl .....	barrel(s)
C.F.R.....	Code of Federal Regulations
Dena'ina.....	Alaska Native people—Dena'ina Athabascan Indian
DOI .....	Department of the Interior
EIS .....	Environmental Impact Statement
Elmendorf .....	Elmendorf Air Force Base
EO .....	Executive Order
FHWA.....	Federal Highway Administration
Fort Richardson.....	Fort Richardson Military Base
Ingra-Gambell Couplet .....	Ingra Street-Gambell Street couplet
KABATA .....	Knik Arm Bridge and Toll Authority
KAC.....	Knik Arm Crossing
LOS.....	level of service
Mat-Su .....	Matanuska-Susitna Borough
M-I.....	Marine-Industrial
NEPA .....	National Environmental Policy Act
NHS .....	National Highway System
NPS .....	National Park Service
NRHP.....	National Register of Historic Places
POA .....	Port of Anchorage
POAVY.....	Port of Anchorage Valve Yard
ROW .....	right-of-way
SHPO .....	State Historic Preservation Office
U.S.C.....	United States Code