

## List of Acronyms

AADT	annual average daily traffic
AAL	Acceptable Ambient Levels
AASHTO	American Association of State Highway and Transportation Officials
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
ADAAG	Americans with Disabilities Act Accessibility Guidelines
ADHS	Appalachian Development Highway System
ADT	average daily (2-way, 24-hour) traffic
AMSL	above mean sea level
ANSI	American National Standard Institute
AP	acid-producing rock
APE	area of potential effect
ARPA	Archaeological Resources Protection Act
ASA	Acoustical Society of America
ASMIS	Archeological Sites Management Information System
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
AT	Appalachian National Scenic Trail
ATBI	All Taxa Biodiversity Inventory
ATC	Appalachian Trail Conference
BA	Biological Assessment
BBD	beech bark disease
BLM	Bureau of Land Management
BMP	best management practice(s)
BMT	Benton MacKaye Trail
BMTA	Benton MacKaye Trail Association
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAIR	Clean Air Interstate Rule
CASTNet	Clean Air Status and Trends Network
CCC	Civilian Conservation Corps
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability List
CFR	code of federal regulations
CO	carbon monoxide
CRSM	Center for Remote Sensing and Mapping Science
CWA	Clean Water Act
DAT	Deposition Analysis Thresholds
dba	decibel (A-weighted scale)
DBE	disadvantaged business enterprise
DED	Dutch elm disease
DEIS	Draft Environmental Impact Statement
DEM	digital elevation model
DLIA	Discover Life in America
DO	Director's Order
DOI	Department of the Interior
DOT	Department of Transportation
EA	Environmental Assessment
EBCI	Eastern Band of the Cherokee Indians
ECR	Existing Conditions Report
EDR	Environmental Data Resources, Inc.
EFLHD	Eastern Federal Lands Highway Division
EIS	Environmental Impact Statement
EJ	Environmental Justice

EMT	emergency medical technician
EO	executive order
ESA	Endangered Species Act of 1973, as amended
FAA	Federal Aviation Administration
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FISWRG	Federal Interagency Stream Restoration Working Group
FLAG	Federal Land Managers' Air Quality Related Values Work Group
FLM	federal land management/manager
FSC	federal species of concern
ft	foot
FTA	Federal Transit Administration
GIS	geographic information system
GMP	general management plan
GPRA	Government Performance and Results Act
GPS	global positioning system
GSMA	Great Smoky Mountains Association
GSMNP	Great Smoky Mountains National Park, also referred to as "the Park"
GSMR	Great Smoky Mountains Railroad
ha	hectare
HAP	hazardous air pollutants
HWA	hemlock woolly adelgid
ICEC	International Classification of Ecological Communities
ICOMOS	International Council on Monuments and Sites
ICOWET	International Conference on Wildlife Ecology and Transportation
IMPLAN	impact analysis for planning
IMPROVE	Interagency Monitoring of Protected Visual Environments
in	inch
INHS	Illinois Natural History Survey
ISSG	Invasive Species Specialist Group
ISTEA	Intermodal Surface Transportation Efficiency Act
ISTEA-21	Intermodal Surface Transportation Efficiency Act for the 21st Century
ITE	Institute for Transportation Engineers
km	kilometer
kph	kilometer per hour
LEDPA	least environmentally damaging practicable alternative
Leq	sound equivalents
LOS	level of service
LRTP	long-range transportation plan
LUST	leaking underground storage tank
LWCF	Land and Water Conservation Fund Act of 1965
m	meter
MACT	maximum achievable control technology
MBTA	Migratory Bird Treaty Act
MCSD	Master Comment Summary Database
MDN	Mercury Deposition Network
mg/l	milligrams per liter
µg/l	micrograms per liter
mg/m <sup>3</sup>	milligrams per cubic meter
µg/m <sup>3</sup>	micrograms per cubic meter
mm	millimeter
MOA	Memorandum of Agreement
mph	miles per hour
MSE	mechanically stabilized earth
msl	mean sea level
MST	Mountains to Sea Trail

NAAQS	national ambient air quality standards
NAC	noise abatement criteria
NADP	National Atmospheric Deposition Program
NAGPRA	Native American Graves Protection and Repatriation Act
NCBI	North Carolina Biotic Index
NCCGIA	North Carolina Center for Geographic Information & Analysis
NCDAQ	North Carolina Division of Air Quality
NCDEH	North Carolina Department of Environmental Health
NCDENR	North Carolina Department of Environment and Natural Resources
NCDOA	North Carolina Department of Administration
NCDOT	North Carolina Department of Transportation
NCDFR	North Carolina Division of Forest Resources
NCDLR	North Carolina Division of Land Resources
NCDWQ	North Carolina Division of Water Quality
NCNHP	North Carolina Natural Heritage Program
NCOSA	North Carolina Office of State Archaeology
NCTSI	North Carolina Trophic State Index
NCWRC	North Carolina Wildlife Resources Commission
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHI	National Highway Institute
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NHS	National Highway System
NOA	Notice of Availability
NOI	Notice of Intent
NO <sub>x</sub>	oxide of nitrogen
NORMs	Naturally Occurring Radioactive Materials
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Nationwide Rivers Inventory
NTI	National Transit Institute
NTMB	Neotropical Migratory Bird
NTP	Notice to Proceed
NTU	Nephelometric Turbidity Units
NWI	National Wetlands Inventory
O <sub>3</sub>	ozone
O&M	operations and maintenance
OAHP	Office of Archaeology and Historic Preservation
ORNL	Oak Ridge National Laboratories
ORWs	Outstanding Resource Waters
OSHA	Occupational, Safety and Health Association
oz	ounce
PA	Programmatic Agreement (Cultural Resources)
Pb	lead
PE	professional engineer
PIP	public involvement plan
PM	particulate matter
Ppm	parts per million by volume
PSD	prevention of significant deterioration
PUC	Public Utilities Commission
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act

RCRIS	Resource Conservation and Recovery Information System
ROD	Record of Decision
ROE	right-of-entry
ROW	right-of-way
RR	railroad
SAMI	Southern Appalachian Mountains Initiative
SARA	Superfund Amendments and Reauthorization Act of 1986
SEAC	Southeast Archaeological Center
sec	second
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SNHA	Significant Natural Heritage Areas
SOD	sudden oak death
SOF	Statement of Findings
SO <sub>x</sub>	dioxide of sulfur
sq ft	square feet
SR	significantly rare
SRO	Southeast Regional Office
STAMINA	standard method of noise analysis
STIP	Statewide Transportation Improvement Plan
SWMP	Storm Water Management Plan
t	metric tonnes
T/E	threatened and/or endangered species
TCM	transportation control measure
TCP	Traditional Cultural Property
TDOT	Tennessee Department of Transportation
TEA-21	Transportation Equity Act for the 21st Century
THPO	Tribal Historic Preservation Office
TIP	Transportation Improvement Plan
TNC	The Nature Conservancy
TN-EPPC	Tennessee Exotic Pest Plant Council
TPY	tons per year
tpy	tonnes per year
TSM	Transportation System Management
TSP	total suspended particulate
TTST	tractor-trailers and semi-trailers
TVA	Tennessee Valley Authority
TVPPA	Tennessee Valley Public Power Association, Inc.
UATMP	Urban Air Toxics Monitoring Program
UKB	United Keetowah Band of Cherokee Indians
UNESCO	United Nations Educational, Scientific, and Cultural Organization
USACE	United States Army Corps of Engineers
USASI	United States of America Standards Institute
USC	United States Code
USCG	United States Coast Guard
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation (sometimes DOT)
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
VCP	variable circular plots
VOC	volatile organic compounds
VPD	vehicles per day
WPP	Wellhead Protection Program
YTD	year to date