

APPENDIX B

List of Acronyms

AAR	—Association of American Railroads	GOCO	—Government Owned Contractor Operated
AASHTO	—American Association of State Highway and Transportation Officials	GPS	—Global Positioning System
AC	—asphaltic concrete	HEW	—Department of Health, Education, and Welfare
ACIR	—Advisory Commission on Intergovernmental Relations	HF	—high frequency
ACTA	—Alameda CorridorTransportation Authority (California)	HOV	—high-occupancy vehicle
ADS	—automatic dependent surveillance	HP&R	—Highway Planning and Research
AERA	—automated en route air traffic control	HSGT	—High Speed Ground Transportation (Act)
AGT	—Automated Guideway Transit	I/A	—Innovative and Alternative Technology
AM/FM	—automated mapping/facilities mapping	ICAO	—International Civil Aviation Organization
AMR	—automatic meter reading	ICC	—Interstate Commerce Commission
ASCE	—American Society of Civil Engineers	ICTF	—Intermodal Container Transfer Facility (California)
ATC	—air traffic control	IDAP	—Infrastructure Development Assistance Program
ATM	—Advanced Traffic Management	IFR	—instrument flight rules
ATSAC	—AutomatedTraffic Surveillance and Control	ILS	—instrument landing system
AVI	—automatic vehicle identification	IVHS	—Intelligent Vehicle/Highway System
AVL	—advanced vehicle location	IWTF	—Inland Waterways Trust Fund ‘
AVM	—advanced vehicle monitoring	JAL	—Japanese National Airlines
BuRec	—Bureau of Reclamation	JNR	—Japanese National Railway
CADD	—computer-aided design and drafting	LFD	—load factor design
CBT	—Center for Building Technology	LLWAS	—low-level windshear alert system
CERL	—Construction Engineering Research Laboratory	LRFD	—load and resistance factor design
CFCS	—chlorofluorocarbons	MARAD	—Maritime Administration
CFCF	—Central Flow Control Facility	MCL	—maximum contaminant level
CFR	—crash, fire, and rescue (services)	MGD	—million gallons per day
CIP	—capital improvement plan	MIU	—meter interface unit
CNG	—compressed natural gas	MIT	—Massachusetts Institute of Technology
corps	—U.S. Army corps of Engineers	MLS	—microwave landing system
CPAR	—Construction Productivity Advancement Research program	MSW	—municipal solid waste
CRREL	—Cold Regions Research and Engineering Laboratory	MTU	—master terminal unit
CSO	—combined sewer overflow	NAS	—National Airspace System
CUFT	—Center for Utilization of Federal Technology	NATM	—New Austrian Tunneling Method
DCA	—Department of Community Affairs (-Florida)	NCHRP	—National Cooperative Highway Research Program
DCD	—Department of Community Development (Washington State)	NCP	—Nationally Coordinated Program
DCS	—Distributed Control System	NDE	—nondestructive evaluation
DOT	—Department of Transportation	NEPA	—National Environmental Policy Act
DoD	—Department of Defense	NHTSA	—National Highway Traffic Safety Administration
EPA	—U.S. Environmental Protection Agency	NPDES	—National Pollutant Discharge Elimination System
ESPs	—electrostatic precipitators	NPS	—nonpoint source
FAA	—Federal Aviation Administration	NRWA	—National Rural Water Association
FHWA	—Federal Highway Administration	NTSB	—National Transportation Safety Board
FLC	—Federal Laboratory Consortium	NWS	—National Weather Service
FmHA	—Farmers Home Administration	OER	—Office of Exploratory Research
FRA	—Federal Railroad Administration	OMB	—Office of Management and Budget
GA	—general aviation	PACE	—Program for Airport Capacity Efficiency (Massachusetts)
GIS	—Geographic Information System	PCBs	—polychlorinated biphenyls
		PCI	—Pavement Condition Index
		POE	—point of entry

POTW	—publicly owned treatment works	SOCs	—soluble organic compounds
POU	—point of use	SRF	—State Revolving Loan Fund
PRT	—Personal Rapid Transit	STAA	—Surface Transportation Assistance Act
PVC	—polyvinyl chloride	STCs	—Science and Technology Centers
PWTF	—Public Works Trust Fund (Washington State)	SWTR	—surface water treatment regulations
R&D	—research and development	TBM	—tunnel boring machine
RCRA	—Resource Conservation and Recovery Act	TEC	—trenchless excavation construction
RDF	—refuse derived fuel	THMs	—trihalomethanes
RO	—reverse osmosis	TRB	—Transportation Research Board
RSPA	—Research and Special Programs Administration	TSC	—Transportation Systems Center
RTRI	—Railway Technical Research Institute (Japan)	UMTA	—Urban Mass Transit Authority
SCADA	—Supervisory Control and Data Acquisition	URI	—University Research Initiatives
SDWA	—Safe Drinking Water Act	VE	—value engineering
SHRP	—Strategic Highway Research program	VFR	—visual flight rules
		VOCs	—volatile organic compounds
		WES	—Waterways Experiment Station
		WIM	—weigh-in-motion