

ITS ACRONYM LIST

A

AASHTO American Association of State Highway
and Transportation Officials
ABS Antilock Brake System
ADA Americans with Disabilities Act
AFD Architecture Flow Diagram
AID Architecture Interconnect Diagram
AHS Automated Highway System
AMPS Advanced Mobile Phone System
ANSI American National Standards Institute
APTS Advanced Public Transportation System
ASTM American Society for Testing and Materials
ATIS Advanced Traveler Information System
ATC Automatic Train Control
ATM Asynchronous Transfer Mode
ATMS Advanced Traffic Management System
AVCS Advanced Vehicle Control System
AVI Automated Vehicle Identification
AVL Automated Vehicle Location
AVO Automated Vehicle Operation

B

BNF Backus-Nauer Form

C

CASE Computer Aided Systems Engineering
CCTV Closed Circuit TV
CD Compact Disk
CDROM CD Read Only Memory
CDMA Code Division Multiple Access
CDPD Cellular Digital Packet Data
CMS Changeable Message System
COTR Contracting Officer Technical Representative
CSP Communication Service Provider
CV Commercial Vehicle
CVAS Commercial Vehicle Administration Subsystem
CVCS Commercial Vehicle Check Subsystem
CVISN Commercial Vehicle Information Systems
and Networks
CVS Commercial Vehicle Subsystem
CVO Commercial Vehicle Operations

D

DAB Digital Audio Broadcast
DC Double Click (or District of Columbia)
DD Data Dictionary
DDE Data Dictionary Element
DFD Data Flow Diagram
DGPS Differential Global Positioning System
DOD Department of Defense
DOT Department of Transportation
DMS Dynamic Message Sign
DMV Department of Motor Vehicles
DSRC Dedicated Short Range Communications
DATA Dynamic Traffic Assignment

E

E91-1 Emergency 9-1-1
ECPA Electronic Communications Privacy Act
EDI Electronic Data Interchange
EPA Environmental Protection Agency
EM Emergency Management Subsystem
EMC Emergency Management Center
EMMS Emissions Management Subsystem
ESMR Enhanced SMR
ETA Expected Time of Arrival
ETTM Electronic Toll and Traffic Management
ETS Emergency Telephone Services

F

FARS Fatal Accident Report System
FCC Federal Communications Commission for the
U.S.
FHWA Federal Highway Administration
FIPS Federal Information Processing Standard
FOT Field Operational Test
FMC Freeway Management Center
FMS Fleet Management Subsystem
FPR Final Program Re view
FTA Federal Transit Administration

G

GIS Geographic Information System
GPS Global Positioning System

H

HAR Highway Advisory Radio
HAZMAT HaZardous Material(s)
HRI Highway Rail Intersection
HSR High Speed Rail
HOV High Occupancy Vehicle
HUD Head-Up Display

I

IEEE Institute of Electrical and Electronics Engineers,
Inc.
IVIS In Vehicle Information System
IP Internet Protocol
IPR Interim Program Review
ISO International Standards Organization
ISP Information Service Provider
ISTEA Intermodal Surface Transportation Efficiency
Act
ITE Institute of Transportation Engineers
ITI Intelligent Transportation Infrastructure
ITS Intelligent Transportation Systems
ITS AMERICA or ITS-A Intelligent Transportation Society
of America
IVHS Intelligent Vehicle Highway Systems

L
LAN Local Area Network
LCD Liquid Crystal Display
LED Light Emitting Diode
LEO Low-Earth Orbit Satellite System
LPD Liability and Property Damage
LRMS Location Reference Messaging Standard

M
MAN Metropolitan Area Network
MDI Model Deployment Initiative
MMDI Metropolitan MDI
MMI Man-Machine Interface (or Interaction)
MOE Measure of Effectiveness
MPO Metropolitan Planning Organization
MPH Miles Per Hour
MTC Metro Traffic Control

N
NA National Architecture
NAR National Architecture Review
NAV Navigation
NEMA National Electrical Manufacturers Association
NHPN National Highway Planning Network
NHTSA National Highway Traffic Safety Administration
NII National Information Infrastructure
(aka Information Superhighway)
NPRM Notice of Proposed Rule Making
NTCIP National Transportation Communications for
ITS Protocol

O
OEM Original Equipment Manufacturer
OSI Open Systems Interconnection
OTP Operational Test Plan

P
PC Personal Computer
PCS Personal Communications System
PD Police Department
PDA Personal Digital Assistant
PIAS Personal Information Access Subsystem
PMS Parking Management Subsystem
PS Planning Subsystem
PSA Precursor System Architecture
PSPEC Process Specification
PSTN Public Switched Telephone Network
PTS Positive Train Separation

R
R&D Research and Development
RDS Radio Data Systems
RDS-TMC Radio Data Systems incorporating a
Traffic Message Channel
RFP Request for Proposal
RTA Regional Transit Authority
RS Roadway Subsystem
RTS Remote Traveler Support Subsystem

S
SAE Society of Automotive Engineers
SC Single Click
SDO Standards Development Organization
SMR Specialized Mobile Radio
SONET Synchronous Optical Network
SOV Single Occupancy Vehicle
SOW Statement of Work
STMF Simple Transportation Management Framework
SQL Standard Query Language
SSR Standard Speed Rail

T
TAS Toll Administration Subsystem
TCIP Transit Communications Interface Profiles
TCS Toll Collection Subsystem
TDM Travel Demand Management
TDMA Time Division Multiple Access
TM Traffic Management
TMC Traffic Management Center
TMDD Traffic Management Data Dictionary
TMS Traffic Management Subsystem
TOC Traffic Operations Center
TRB Transportation Research Board
TRMC Transit Management Center
TRMS Transit Management Subsystem
TRT Technical Review Team
TRVS Transit Vehicle Subsystem

U
USDOT United States Department of Transportation
USR User Service Requirement

V
VMS Variable Message Sign
VRC Vehicle/Roadside Communications
VS Vehicle Subsystem

W
WAN Wide Area Network
WIM Weigh-in Motion
WWW World Wide Web