

6. Appendices

Appendix A – Acronyms List

The table below lists acronyms used in the MD Architecture. These refer to ITS physical components, agencies, or general terms.

AASHTO	American Association of State Highways and Transportation Professionals	MDE	Maryland Department of the Environment
ACT	Allegany County Transit	MD	Maryland
AHPS	Automated Hauling Permitting System	MDEM	Maryland Department of Emergency Management
ANSI	American National Standards Institute	MDOT	Maryland Department of Transportation
APTA	American Public Transportation Association	SHA	Maryland State Highway Administration
AOC	Authority Operations Center	MDTA	Maryland Transportation Authority
ARC	Appalachian Regional Commission	MIEMSS	Maryland Institute for Emergency Medical Service Systems
ARC-IT	Architecture Reference for Cooperative and Intelligent Transportation	MILES	Maryland Interagency Law Enforcement System
ASTM	American Society for Testing and Materials	MIRP	Maryland International Registration Plan
ATIIP	Active Transportation Infrastructure Improvement Program	MITS-WG	Maryland ITS Working Group (MITS-WG)
ATMS	Advanced Transportation Management System	MNCPPC	Maryland-National Capital Park and Planning Commission
AVL	Automatic Vehicle Location	MOU	Memorandum of Understanding
BRT	Bus Rapid Transit	MPA	Maryland Port Administration
BWI	Baltimore-Washington International (Airport)	MPO	Metropolitan Planning Authority
C.A.R.E.	Commission on Aging and Retirement Education	MTA	Maryland Transit Administration
CAD	Computer Aided Dispatch	MSP	Maryland State Police
CAPRI	Carrier Automated Performance Review Information	MVA	Motor Vehicle Administration
CapWIN	Capital Wireless Information Net	MWAA	Metropolitan Washington Airports Authority
CAV	Connected and Automated Vehicles	MWCOG	Metropolitan Washington Council of Governments
CCC	Charm City Circulator	NCIC	National Crime Information Center
CCTV	Closed Circuit Television	NCR	National Capital Region
CFR	Code of Federal Regulations	NEMA	National Electrical Manufacturers Association
CHART	Coordinated Highways Action Response Team	NSA	National Security Agency
CORBA	Common Object Request Broker Architecture	NTCIP	National Transportation Communications for ITS Protocol

CSA	Commercial Safety Analysis	NTCIP	National Transportation Communications for ITS Protocol
CTP	Consolidated Transportation Plan	OOTS	Office of Traffic and Safety
CVAC	Commercial Vehicle Administration Center	OTMO	Office of Transportation and Mobility Operations
CVCE	Commercial Vehicle Check Equipment	PCCTV	Portable Closed-Circuit Television
CVIS	Cooperative Vehicle Infrastructure System	PDMS	Portable Dynamic Message Sign
CVO	Commercial Vehicles Operations	PennDOT	Pennsylvania Department of Transportation
DDOT	District Department of Transportation (Washington, D.C.)	PND	Personal Navigation Devices
DelDOT	Delaware Department of Transportation	PRISM	Performance and Registration Information Systems Management Program
Delmarva	Delaware, Maryland, Virginia	PSpecs	Process Specifications
DFD	Data Flow Diagrams	RAD-IT	Regional Architecture Development for Intelligent Transportation
DMS	Dynamic Message Sign	RITIS	Regional Integrated Transportation Information System
DOT	Department of Transportation	RSU	Roadside Unit
DPW&T	Department of Public Works and Transportation	RTA	Regional Transportation Agency
EMS	Emergency Medical Services	RTMS	Remote Traffic Microwave Sensor
EOC	Emergency Operations Center	RWIS	Road Weather Information System
EORS	Emergency Operations Reporting System	SAE	Society of Automotive Engineers
EPS	Electronic Payment Systems	SAFER	Safety Fitness Electronic Records
ERU	Emergency Response Unit	SDO	Standards Development Organizations
ESTO	Eastern Shore Traffic Operations	SEA	Systems Engineering Analysis (SEA)
ETC	Electronic Toll Collection	SOC	Statewide Operations Center
ETIX	Electronic Traffic Information eXchange	STIP	Statewide Transportation Improvement Program
FEMA	Federal Emergency Management Agency	TARIS	Titling and Registration Issuance System
FHWA	Federal Highway Administration	TBU	Transportation Business Unit(s)
FTA	Federal Transit Administration	TEA 21	Transportation Equity Act for the 21 st Century
GPS	Global Positioning System	TIP	Transportation Improvement Program
GTS	Garrett County Transit Service	TMC	Traffic (or Transportation) Management Center
HAR	Highway Advisory Radio	TOV	Traffic Operations Center
HAZMAT	Hazardous Materials	TRIP	Traffic Response Information and Partnership
HVRS	Heavy Vehicle Registration System	TRS	Toll Rate Signs

IAAP	ITS Architecture Advisory Panel	TSMO	Transportation Systems Management and Operations
ICC	Intercounty Connector	TWIS	Truck Weigh and Inspection System
IEEE	Institute of Electrical and Electronics Engineers	UMD-CATT	University of Maryland's Center for Advanced Transportation Technology
ISN	Information Systems Network	USDOT	United States Department of Transportation
ISO	International Organization for Standardization	V2X	Vehicle to Everything
ISP	Information Service Providers	VDOT	Virginia Department of Transportation
ISS	Internet Security Systems	VEIP	Vehicle Emissions Inspection Program
ITE	Institute of Transportation Engineers	VWS	Virtual Weigh Station
ITS	Intelligent Transportation Systems	WCT	Washington County Transit
MAA	Maryland Aviation Administration	WILMAPCO	Wilmington Area Planning Council
MATOC	Metropolitan Area Transportation Operations Coordination	WMATA	Washington Metropolitan Area Transit Authority
MACAC	Maryland Coordination and Analysis Center	WVDOT	West Virginia Department of Transportation
MCD	Motor Carrier Division	XML	Extensive Markup Language