



MAG Regional ITS Architecture

Appendix E – ITS Standards

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ITS Standard Grouping	ITS Standard Name
AASHTO/ITE/NEMA	NTCIP C2C: NTCIP Center-to-Center Standards Group
	NTCIP C2F: NTCIP Center-to-Field Standards Group
	NTCIP 1201: Global Object Definitions
	NTCIP 1202: Object Definitions for Actuated Traffic Signal Controller (ASC) Units
	NTCIP 1203: Object Definitions for Dynamic Message Signs (DMS)
	NTCIP 1204: Object Definitions for Environmental Sensor Stations (ESS)
	NTCIP 1205: Object Definitions for Closed Circuit Television (CCTV) Camera Control
	NTCIP 1207: Object Definitions for Ramp Meter Control (RMC) Units
	NTCIP 1208: Object Definitions for Closed Circuit Television (CCTV) Switching
	NTCIP 1209: Data Element Definitions for Transportation Sensor Systems (TSS)
	NTCIP 1210: Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters
	NTCIP 1211: Object Definitions for Signal Control and Prioritization (SCP)
	NTCIP 1214: Object Definitions for Conflict Monitor Units (CMU)
AASHTO/ITE	ITE TMDD: Traffic Management Data Dictionary (TMDD) and Message Sets for External TMC Communications (MS/ETMCC)
APTA	ATPA TCIP-S-001 3.0.4: Standard for Transit Communications Interface Profiles
ASTM	DSRC 915MHz: Dedicated Short Range Communication at 915 MHz Standards Group
	ASTM E2468-05: Standard Practice for Metadata to Support Archived Data Management Systems
	ASTM E2665-08: Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data
ASTM/IEEE/SAE	DSRC 5GHz: Dedicated Short Range Communication at 5.9 GHz Standards Group
IEEE	IEEE IM: Incident Management Standards Group
	IEEE 1570-2002: Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection
SAE	ATIS General Use: Advanced Traveler Information Systems (ATIS) General Use Standards Group
	ATIS Low Bandwidth: Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group