### X. ITS Standards:

ITS standards are technical specifications that are documented in the National ITS Architecture to ensure that the information flows in a regional ITS architecture are conducted in a technologically consistent manner with the National ITS Architecture. ITS standards are developed by a Standards Development Organization (SDO), and each ITS standard or standard group has a lead SDO or co-leading SDOs. ITS standard groups are groups comprised of individual ITS standards that function simultaneously in carrying out the purpose for which the SDO(s) created the group. In order to identify which standards and standard groups are relevant for the Northwest Indiana Regional ITS Architecture, the architecture development process described in Section II first identified the ITS elements and their information flows, and then the nature of these information flows were matched to corresponding standards from the National ITS Architecture.

Table 8 lists the names of the SDOs responsible for developing (and maintaining) the ITS standards and standard groups relevant to the Northwest Indiana Regional ITS Architecture.

SDO Acronym	SDO Name
ANSI	American National Standards Institute
ASHTO	American Association of State Highway and
	Transportation Officials
APTA	American Public Transportation Association
ASTM	American Society for Testing and Materials
IEEE	Institute of Electrical and Electronics
	Engineers
ITE	Institute of Transportation Engineers
NEMA	National Electrical Manufacturers Association
SAE	Society of Automotive Engineers

**Table 8:** Standards Development Organizations (SDOs) Developing ITS Standards for

 Northwest Indiana Regional ITS Architecture

Table 9 lists the acronym of the ITS standard groups identified as relevant to the Northwest Indiana Regional ITS Architecture (as explained above), the name of the ITS standard group, the lead SDO(s) of the standard group, and the acronym of the standards that are members of the standard group (with their name in parenthesis following the acronym). **Table 9:** ITS Standard Groups, their Lead SDOs, and their Constituent Standards in the

 Northwest Indiana Regional ITS Architecture

Standard	Standard	Lead	Standards that Make up the Group
Group	Group Name	SDO(s) of	
Acronym		the	
		Standard	
		Group	
ATIS General Use	Advanced Traveler Information Systems (ATIS) General Use Standards Group	SAE	SAE J2266 (Location Referencing Message Specification), SAE J2354 (Message Set for Advanced Traveler Information System), SAE J2369 (Standard for ATIS Message Sets Delivered Over Reduced Bandwidth Media), SAE J2540 (Messages for Handling Strings and Look-Up Tables in ATIS Standards), SAE J2540/1 (Radio Data System Phrase Lists), SAE J2540/2 (International Traveler Information Systems Phrase Lists), SAE J2540/3 (National Names Phrase List)
ATIS Low Bandwidth	Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group	SAE	SAE J2266 (Location Referencing Message Specification), SAE J2354 (Message Set for Advanced Traveler Information System), SAE J2369 (Standard for ATIS Message Sets Delivered Over Reduced Bandwidth Media), SAE J2540 (Messages for Handling Strings and Look-Up Tables in ATIS Standards), SAE J2540/1 (Radio Data System Phrase Lists), SAE J2540/2 (International Traveler Information Systems Phrase Lists), SAE J2540/3 (National Names Phrase List)

Standard	Standard	Lead	Standards that Make up the Group
Group	Group Name	SDO(s) of	
Acronym		the	
·		Standard	
		Group	
DSRC 5GHz	Dedicated Short Range Communication at 5.9 GHz Standards Group	ASTM, IEEE, SAE	ASTM E2213-03 (Standard Specification for Telecommunications and Information Exchange Between Roadside and Vehicle Systems - 5 GHz Band Dedicated Short Range Communications Medium Access Control and Physical Layer Specifications), IEEE 1609.1-2006 (Standard for Wireless Access in Vehicular Environments - Resource Manager), IEEE 1609.2-2006 (Standard for Wireless Access in Vehicular Environments - Security Services for Applications and Management Messages), IEEE 1609.3 (Standard for Wireless Access in Vehicular Environments - Networking Services), IEEE 1609.4-2006 (Standard for Wireless Access in Vehicular Environments - Multi- Channel Operation), IEEE 802.11p (Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part II: Wireless LAN Medium Access Control and Physical Layer Specification), IEEE P1609.0 (Standard for Wireless Access in Vehicular Environments - Part II: Wireless LAN Medium Access Control and Physical Layer Specification), IEEE P1609.0 (Standard for Wireless Access in Vehicular Environments - Architecture)
DSRC 915MHz	Dedicated Short Range Communication at 915 MHz Standards Group	ASTM	ASTM E2158-01 (Standard Specification for Dedicated Short Range Communication Physical Layer using Microwave in the 902-928 MHz Band)

Standard	Standard	Lead	Standards that Make up the Group
Group	Group Name	SDO(s) of	
Acronym	_	the	
v		Standard	
		Group	
IEEE IM	Incident Management Standards Group	IEEE	IEEE 1512 -2006 (Standard for Common Incident Management Message Sets for use by Emergency Management Centers), IEEE 1512.1-2006 (Standard for Traffic Incident Management Message Sets for Use by Emergency Management Centers), IEEE 1512.2-2004 (Standard for Public Safety Traffic Incident Management Message Sets for Use by Emergency Management Centers), IEEE 1512.3-2006 (Standard for Hazardous Material Incident Management Message Sets for Use by Emergency Management Centers), IEEE
		<u></u>	P1512.4 (Standard for Common Traffic Incident Management Message Sets for Use in Entities External to Centers)
Mayday	On-board Vehicle Mayday Standards Group	SAE	SAE J2266 (Location Referencing Message Specification), SAE J2313 (On- Board Land Vehicle Mayday Reporting Interface), SAE J2354 (Message Set for Advanced Traveler Information System), SAE J2540 (Messages for Handling Strings and Look-Up Tables in ATIS Standards), SAE J2540/1 (Radio Data System Phrase Lists), SAE J2540/2 (International Traveler Information Systems Phrase Lists), SAE J2540/3 (National Names Phrase List)
NTCIP C2C	NTCIP Center- to-Center Standards Group	AASHTO, ITE, NEMA	NTCIP 1102 (Octet Encoding Rules Base Protocol), NTCIP 1104 (Center-to-Center Naming Convention Specification), NTCIP 2104 (Ethernet Subnetwork Profile), NTCIP 2202 (Internet Transport Profile), NTCIP 2303 (File Transfer Protocol Application Profile), NTCIP 2304 (Application Profile for DATEX-ASN), NTCIP 2306 (Application Profile for XML Message Encoding and Transport in ITS Center-to-Center Communications)

Standard	Standard	Lead	Standards that Make up the Group
Group	Group Name	SDO(s) of	
Acronym		the	
		Standard	
		Group	
NTCIP C2F	NTCIP Center- to-Field Standards Group	AASHTO, ITE, NEMA	NTCIP 1102 (Octet Encoding Rules Base Protocol), NTCIP 1103 (Transportation Management Protocols), NTCIP 2101 (Point to Multi-Point Protocol Using RS- 232 Subnetwork Profile), NTCIP 2102 (Point to Multi-Point Protocol Using FSK Modem Subnetwork Profile), NTCIP 2103 (Point-to-Point Protocol Over RS-232 Subnetwork Profile), NTCIP 2104 (Ethernet Subnetwork Profile), NTCIP 2201 (Transportation Transport Profile), NTCIP 2202 (Internet Transport Profile), NTCIP 2301 (Simple Transportation Management Framework Application Profile), NTCIP 2302 (Trivial File Transfer Protocol Application Profile), NTCIP 2303 (File Transfer Protocol Application Profile)

Table 10 then lists the remaining ITS Standards that are not members of any of the standards groups, but are still relevant to the Northwest Indiana Regional ITS Architecture.

Table 10: ITS Standards and Their Lead SDOs in the Northwest Indiana Regional ITS	
Architecture	

Standard Acronym	Standard Name	Lead SDO(s) of the
		Standard
ANSI TS813	Electronic Filing of Tax	ANSI
	Return Data	
APTA TCIP-S-001 3.0.4	Standard for Transit	APTA
	Communications Interface	
	Profiles	
ASTM E2468-05	Standard Practice for	ASTM
	Metadata to Support	
	Archived Data Management	
	Systems	
ASTM E2665-08	Standard Specifications for	ASTM
	Archiving ITS-Generated	
	Traffic Monitoring Data	

Standard Acronym	Standard Name	Lead SDO(s) of the Standard
IEEE 1455-1999	Standard for Message Sets for Vehicle/Roadside Communications	IEEE
IEEE 1570-2002	Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection	IEEE
IEEE P1609.11	Standard for Wireless Access in Vehicular Environments (WAVE) – Over-the-Air Data Exchange Protocol for Intelligent Transportation Systems (ITS)	IEEE
ITE TMDD	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	AASHTO, ITE
NTCIP 1201	Global Object Definitions	AASHTO, ITE, NEMA
NTCIP 1202	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	AASHTO, ITE, NEMA
NTCIP 1203	Object Definitions for Dynamic Message Signs (DMS)	AASHTO, ITE, NEMA
NTCIP 1204	Object Definitions for Environmental Sensor Stations (ESS)	AASHTO, ITE, NEMA
NTCIP 1205	Object Definitions for Closed Circuit Television (CCTV) Camera Control	AASHTO, ITE, NEMA
NTCIP 1206	Object Definitions for Data Collection and Monitoring (DCM) Devices	AASHTO, ITE, NEMA
NTCIP 1207	Object Definitions for Ramp Meter Control (RMC) Units	AASHTO, ITE, NEMA
NTCIP 1208	Object Definitions for Closed Circuit Television (CCTV) Switching	AASHTO, ITE, NEMA
NTCIP 1209	Data Element Definitions for Transportation Sensor Systems (TSS)	AASHTO, ITE, NEMA

Standard Acronym	Standard Name	Lead SDO(s) of the
		Standard
NTCIP 1210	Field Management Stations	AASHTO, ITE, NEMA
	(FMS) – Part 1: Object	
	Definitions for Signal System	
	Masters	
NTCIP 1211	Object Definitions for Signal	AASHTO, ITE, NEMA
	Control and Prioritization	
	(SCP)	
NTCIP 1214	Object Definitions for	AASHTO, ITE, NEMA
	Conflict Monitor Units	
	(CMU)	
SAE J2395	ITS In-Vehicle Message	SAE
	Priority	
SAE J2396	Definitions and Experimental	SAE
	Measures Related to the	
	Specification of Driver Visual	
	Behavior Using Video Based	
	Techniques	
SAE J2399	Adaptive Cruise Control	SAE
	(ACC) Operating	
	Characteristics and User	
	Interface	
SAE J2400	Human Factors in Forward	SAE
	Collision Warning Systems:	
	Operating Characteristics and	
	User Interface Requirements	
SAE J2735	Dedicated Short Range	SAE
	Communications (DSRC)	
	Message Set Dictionary	

Table 11 is a report about the ITS standards and standard groups that are relevant to the ITS information flows identified in the Northwest Indiana Regional ITS Architecture.

## **Relevant Standards Activities**

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/A

#### Standards for Northwest Indiana Regional Intelligent Transportation System

NOTE: The ITS standards presented in this report may represent a superset of options, and in some cases, provide redundant capabilities. In addition, these ITS standards are at different maturity levels. Care should be taken to select the standards that best meet the needs of the region or project.

	Lead SDO	Standard Name		Document ID
Flow: a	ir quality information			
Source:	Indiana Emissions Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	roup	(See Table 9)
Source:	Indiana Gateway	Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	roup	(See Table 9)
Source:	Indiana Gateway	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	roup	(See Table 9)
Flow: a	larm acknowledge			
Source:	Borman TMC	Destination:	Indiana Gateway	
	АРТА	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	ECT Agency Management	Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	ECT Agency Management	Destination:	Indiana Gateway	
	АРТА	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Emergency Medical Services	Destination:	Indiana Gateway	
	APTA	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination:	GPTC Transit Vehicles	
	APTA	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination:	Indiana Gateway	
	APTA	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana State Police District 13	Destination:	Indiana Gateway	
	APTA	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana State Police District 21 (	Toll Road) Destination:	Indiana Gateway	
	АРТА	Standard for Transit Communications		APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management	Destination:	NICTD Rail Transit Vehicles	
	APTA	Standard for Transit Communications	Interface Profiles	APTA TCIP-S-001 3.0.4

Flow: alarm notification

Source:	ECT Transit Vehicles	D	estination:	ECT Agency Management	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Kiosks	D	estination:	Emergency Medical Services	
_	АРТА	Standard for Transit Com			APTA TCIP-S-001 3.0.4
Source:	GPTC Kiosks			Indiana State Police District 13	
C.	APTA	Standard for Transit Com			APTA TCIP-S-001 3.0.4
Source:	GPTC Kiosks APTA	D Standard for Transit Com		Local Emergency Services	APTA TCIP-S-001
	APIA	Standard for Transit Com	iniunications in	lienace Promes	3.0.4
Source:	GPTC Transit Vehicles	D	estination:	GPTC Agency Management	
	АРТА	Standard for Transit Com	munications In	tterface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Toll Road Kiosks	D	estination:	Emergency Medical Services	
	АРТА	Standard for Transit Com			APTA TCIP-S-001 3.0.4
Source:	Indiana Toll Road Kiosks			Indiana State Police District 13	
	АРТА	Standard for Transit Com	munications In	tterface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Toll Road Kiosks	D	estination:	Indiana State Police District 21 (Toll Road)	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Toll Road Kiosks	D	estination:	Local Emergency Services	
	АРТА	Standard for Transit Com	munications In	tterface Profiles	APTA TCIP-S-001 3.0.4
Source:	INDOT-Northwest District Arteri	al TMC Kiosks D	estination:	Borman TMC	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	INDOT-Northwest District Arteri	al TMC Kiosks D	estination:	Emergency Medical Services	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	INDOT-Northwest District Arteri	al TMC Kiosks D	estination:	Indiana State Police District 13	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	INDOT-Northwest District Arteri	al TMC Kiosks D	estination:	Local Emergency Services	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	Local TMCs Kiosks	D	estination:	Emergency Medical Services	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	Local TMCs Kiosks	D	estination:	Indiana State Police District 13	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	Local TMCs Kiosks	D	estination:	Local Emergency Services	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Kiosks	D	estination:	Emergency Medical Services	
	АРТА	Standard for Transit Com	munications In	terface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Kiosks	D	estination:	Indiana State Police District 13	

Source: NICTD Kiosks Destination: Indiana State Police District 21 (Toll Road)						
	PTA TCIP-S-001 0.4					
Source: NICTD Kiosks Destination: Local Emergency Services						
APTA Standard for Transit Communications Interface Profiles AF 3.0	PTA TCIP-S-001 0.4					
Source: NICTD Rail Transit Vehicles Destination: NICTD Agency Management						
	PTA TCIP-S-001 0.4					
Flow: archive analysis requests						
Source: Archived Data User Systems Destination: Archived Data Management System						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Archived Data User Systems Destination: Lake Michigan Interstate Gateway Alliance (LMIGA) Archive						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Archived Data User Systems Destination: Northwest Indiana Archive						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Flow: archive analysis results						
Source: Archived Data Management System Destination: Archived Data User Systems						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Lake Michigan Interstate Gateway Alliance Destination: Archived Data User Systems						
(LMIGA) ArchiveAASHTO/ITE/NEMANTCIP Center-to-Center Standards Group(See	ee Table 9)					
Source: Northwest Indiana Archive Destination: Archived Data User Systems						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Flow: archive coordination						
Source: Academic and Research Organizations Destination: Archived Data Management System						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Archived Data Management System Destination: Academic and Research Organizations						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Archived Data Management System Destination: Indiana Gateway						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Indiana Gateway Destination: Archived Data Management System						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Indiana Gateway Destination: Northwest Indiana Archive						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Source: Northwest Indiana Archive Destination: Indiana Gateway						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Flow: archive request confirmation						
Source: Indiana Gateway Destination: Archived Data User Systems						
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (Se	ee Table 9)					
Flow: archive requests						
Source: Archived Data Management System Destination: Indiana Gateway						
for External Traffic Management Center Communications	E TMDD					
AASHTO/ITE/NEMA(MS/ETMCC)NTCIP Center-to-Center Standards Group(Set	ee Table 9)					

Source:	Indiana Gateway	Destination: Academic and Research Organizations	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Gary-Chicago Airport	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Emissions Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Maintenance and Construction Manager	nent
	AASHTO/ITE/NEMA	System NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	(
Source:	Indiana Gateway	Destination: INDOT Northwest District Arterial TMC	
Source.	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Management	ent System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD

Та	ble 11		
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center Standards Gr	roup
Source:	Indiana Gateway	Destination:	NICTD Agency Management
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gr	oup
Source:	Indiana Gateway	Destination:	NICTD Asset Management
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gr	oup
Source:	Indiana Gateway	Destination:	Parking Management
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gr	oup
Source:	Indiana Gateway	Destination:	Private Information Service Pro
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gr	oup

		With center to center buildards croup	(See Tuble ))
Source:	Indiana Gateway	Destination: NICTD Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Parking Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Weather Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Northwest Indiana Archive	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: a	rchive status		
Source:	Archived Data Management Sy	/stem Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Academic and Research Organizations	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Gary-Chicago Airport	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Emissions Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

Destination: INDOT Maintenance and Construction Management System

(See Table 9)

(See Table 9)

Source:

Indiana Gateway

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: NICTD Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Parking Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Weather Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Northwest Indiana Archive	Destination: Indiana Gateway	
Source:	Northwest Indiana Archive	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: a	rchived data product request	S S	
Source:	Archived Data User Systems	Destination: Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Archived Data User Systems	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: a	rchived data products		
Source:	Archived Data Management Syste	em Destination: Archived Data User Systems	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Northwest Indiana Archive	Destination: Archived Data User Systems	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: a	rriving train information		
Source:	Amtrak Railroad Wayside Equipr	nent Destination: INDOT-Northwest District Arterial TMC Roadside	
	ICCC	Equipment	JEEE 1570 2002
	IEEE	Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection	IEEE 1570-2002
Source:	Amtrak Railroad Wayside Equipr	nent Destination: Local TMCs Roadside Equipment	
	IEEE	Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection	IEEE 1570-2002
Source:	Freight Rail Wayside Equipment	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	
	IEEE	Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection	IEEE 1570-2002

Source:	Freight Rail Wayside Equipment		Destination:	Local TMCs Roadside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Source:	NICTD Railroad Wayside Equipr	nent	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	2
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Source:	NICTD Railroad Wayside Equipr	nent	Destination:	Local TMCs Roadside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Flow: as	sset archive data				
Source:	INDOT Asset Management		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Metadata to Supp	ort Archived Data	ASTM E2468-05
Source:	Local Asset Management		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Aetadata to Supp	ort Archived Data	ASTM E2468-05
Source:	NICTD Asset Management		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		*	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Metadata to Supp	ort Archived Data	ASTM E2468-05
Flow: as	sset inventory				
Source:	INDOT Asset Management		Destination:	INDOT Maintenance and Construction Managemen	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	System oup	(See Table 9)
Source:	Local Asset Management		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Flow: as	sset restrictions				
Source:	INDOT Asset Management		Destination:	INDOT Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Source:	Local Asset Management		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Flow: as	sset status update				
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	INDOT Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Source:	Local Maintenance and Construct System	ion Management	Destination:	Local Asset Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Flow: b	ad tag list				
Source:	ECT Agency Management		Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit Co	ommunications I	nterface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management		Destination:	GPTC Transit Vehicles	
	АРТА	Standard for Transit Co	ommunications I	interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management		Destination:	NICTD Rail Transit Vehicles	
	АРТА	Standard for Transit Co	ommunications I	interface Profiles	APTA TCIP-S-001 3.0.4

#### Flow: broadcast traveler information

Source:	Indiana Gateway	Destination:	GPTC Kiosks	
	SAE	Advanced Traveler Information Systems	(ATIS) Bandwidth	(See Table 9)
	SAE	Limited Standards Group Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	Destination:	Indiana Toll Road Kiosks	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	Destination:	INDOT-Northwest District Arterial TMC Kiosks	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	Destination:	Local TMCs Kiosks	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
Source:	Indiana Gateway	•	Local TMCs Kiosks	
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	Destination:	NICTD Kiosks	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gateway (LMIGA) Website	Alliance Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	ders Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler Information Systems Limited Standards Group	(ATIS) Bandwidth	(See Table 9)
	SAE	Advanced Traveler Information Systems Standards Group	(ATIS) General Use	(See Table 9)
Flow: ca	are facility status			
Source:	Regional Hospitals	Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Grou	ıp	(See Table 9)
~	IEEE	Incident Management Standards Group		(See Table 9)
Source:	Regional Hospitals		Indiana State Police District 13	(G. 17.1.1.0)
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	ιÞ.	(See Table 9) (See Table 9)
Source:	Regional Hospitals	-	Indiana State Police District 21 (Toll Road)	(,
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Grou	p	(See Table 9)
	IEEE	Incident Management Standards Group		(See Table 9)
Source:	Regional Hospitals	Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Grou	p	(See Table 9)
	IEEE	Incident Management Standards Group		(See Table 9)
Flow: ca	are facility status request			
Source:	Emergency Medical Services		Regional Hospitals	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	p	(See Table 9)
	IEEE	Incident Management Standards Group		(See Table 9)

Source:	Indiana State Police District 13		Destination:	Regional Hospitals	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		1	(See Table 9)
G	IEEE	Incident Management		•	(See Table 9)
Source:			Destination:	Regional Hospitals	(C T. 1 0)
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Cer Incident Management		1	(See Table 9) (See Table 9)
Source:		merdent Management	Destination:	Regional Hospitals	(bee fuble ))
source.	Local Emergency Services AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Flow: c	commercial vehicle archive d	-		L	(,
Source:	Indiana Gateway		Destination:	Archived Data Management System	
Source:	-		Destination:	Archived Data Management System	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Flow: c	current asset restrictions				
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr		(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	INDOT Maintenance and Constr	ruction	Destination:	Borman Hoosier Helpers	
				*	

Management System

	(See Table 9)
Source: INDOT Maintenance and Construction Destination: Borman TMC	
Management System	(0, 7, 11, 0)
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: INDOT Maintenance and Construction Destination: Indiana Gateway Management System	
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: INDOT Maintenance and Construction Destination: Indiana Toll Road Opera	ations Center
Management System AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: INDOT Maintenance and Construction Destination: INDOT-Northwest Distr	
Management System	
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Local Maintenance and Construction Management Destination: Indiana Gateway System	
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Local Maintenance and Construction Management Destination: Local TMCs	
System AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Private Maintenance and Construction Destination: Indiana Gateway	(500 14510 ))
Management System	
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: demand responsive transit plan	
Source: Indiana Gateway Destination: Private Information Serv	vice Providers
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: device control request	
Source: Borman Hoosier Helpers Destination: Borman TMC	
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	S ITE TMDD
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Borman Hoosier Helpers Destination: Indiana Gateway	
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	S ITE TMDD
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Borman TMC Destination: Indiana Gateway	
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	S ITE TMDD
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Illinois Department of Transportation District 1 Destination: INDOT-Northwest Distr Traffic Systems Center (TSC)	rict Arterial TMC
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	S ITE TMDD
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Indiana Gateway Destination: Borman Hoosier Helpers	s
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	S ITE TMDD
AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group	(See Table 9)
Source: Indiana Gateway Destination: Borman TMC	
AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	S ITE TMDD

	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Ce	nter Standarde Gr		(See Table 9)
Source:	Indiana Gateway	Wien center-to-ce	Destination:	Indiana Toll Road Operations Center	(See Table ))
Source.	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	Data Dictionary (	(TMDD) and Message Sets	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	•	(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	•	(TMDD) and Message Sets eer Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	Illinois Department of Transportation District 1 Systems Center (TSC)	
	AASHTO/ITE	for External Traffic M (MS/ETMCC)	Management Cent		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)		(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Flow: de	evice data				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	•	(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
Source:	Illinois Department of Transporta Traffic Systems Center (TSC)		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management for External Traffic I	•	(TMDD) and Message Sets er Communications	ITE TMDD

### (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group Source: Indiana Gateway Destination:

		*	
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC Destination: Illinois Department of Transportation District 1 Tr	affic
	AASHTO/ITE	Systems Center (TSC) Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Local TMCs	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: d	evice status		
Source:	Borman Hoosier Helpers	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

(See Table 9)

	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gr	oup	(See Table 9)
Source:	Illinois Department of Transporta Traffic Systems Center (TSC)	ation District 1	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gr	oup	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Illinois Department of Transportation District 1 Tra Systems Center (TSC)	affic
Source:	INDOT-Northwest District Arter		Destination:	Illinois Department of Transportation District 1 Tra Systems Center (TSC)	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M	•	TMDD) and Message Sets er Communications	ITE TMDD

		(MS/ETMCC)			
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gr	oup	(See Table 9)
Flow: d	river inputs				
Source:	Drivers		Destination:	Vehicle ITS Equipment	
	SAE	ITS In-Vehicle Messag	ge Priority		SAE J2395
	SAE	Definitions and Experi Specification of Driver Techniques			SAE J2396
	SAE	Interface		ting Characteristics and User	SAE J2399
	SAE	Human Factors in Forv Characteristics and Use		Varning Systems: Operating uirements	SAE J2400
Flow: d	river log				
Source:	Commercial Vehicles		Destination:	Commercial Vehicle Weigh Stations	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
Flow: d	river updates				
Source:	Vehicle ITS Equipment		Destination:	Drivers	
	SAE	ITS In-Vehicle Messag	ge Priority		SAE J2395
	SAE	Definitions and Experimental Measures Related to the Specification of Driver Visual Behavior Using Video Based Techniques			SAE J2396
	SAE	Adaptive Cruise Control (ACC) Operating Characteristics and User Interface			SAE J2399
	SAE	Human Factors in Forv Characteristics and Use		Varning Systems: Operating uirements	SAE J2400
Flow: e	lectronic lock data				
Source:	Commercial Vehicles		Destination:	Commercial Vehicle Weigh Stations	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Range Group		n at 915 MHz Standards	(See Table 9)
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
	lectronic lock data request				
Source:	Commercial Vehicle Weigh Stati	ons	Destination:	Commercial Vehicles	
	ASTM	Group		n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle,	Roadside Communications	IEEE 1455-1999
Source:	Local TMCs Inspection Facilities		Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
Flow: e	lectronic screening request				
Source:	Commercial Vehicle Weigh Stati	ons	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)

	IEEE	Standard for Message Sets for Vehicle/Roadside Communications	IEEE 1455-1999
Source:	Local TMCs Inspection Facilities	Destination: Commercial Vehicles	
	ASTM	Dedicated Short Range Communication at 915 MHz Standards	(See Table 9)
	IEEE	Group Standard for Message Sets for Vehicle/Roadside Communications	IEEE 1455-1999
Flow: e	mergency acknowledge		
Source:	Borman Hoosier Helpers	Destination: Vehicle ITS Equipment	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Personal Travel Information Access	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Vehicle ITS Equipment	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Personal Travel Information Access	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Vehicle ITS Equipment	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Personal Travel Information Access	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Vehicle ITS Equipment	
	SAE	On-board Vehicle Mayday Standards Group	(See Table 9)
Flow: e	mergency archive data		
		Destination: Indiana Gateway	
Source:	Borman Hoosier Helpers AASHTO/ITE/NEMA	Destination: Indiana Gateway NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data	(See Table 9) ASTM E2468-05
		Management Systems	
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data	ASTM E2468-05
	IEEE	Management Systems Incident Management Standards Group	(See Table 9)
G			(See Table ))
Source:	Indiana Gateway AASHTO/ITE/NEMA	Destination: Archived Data Management System NTCIP Center-to-Center Standards Group	(See Table 0)
	ASTM	Standard Practice for Metadata to Support Archived Data	(See Table 9) ASTM E2468-05
		Management Systems	
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data	ASTM E2468-05

	IEEE	Management Systems Incident Management	Standards Group		(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for M	Aetadata to Supp	ort Archived Data	ASTM E2468-05
	IEEE	Management Systems Incident Management	Standards Groun		(See Table 9)
Source:	Local Emergency Services	ineraent inanagement i	Destination:	Indiana Gateway	
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		•	(See Table 9)
	ASTM	Standard Practice for M		•	ASTM E2468-05
		Management Systems			
	IEEE	Incident Management	Standards Group		(See Table 9)
Flow: en	mergency data request				
Source:	Borman Hoosier Helpers		Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Borman TMC		Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Emergency Medical Services		Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Local Emergency Services		Destination:	Vehicle ITS Equipment	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Flow: en	mergency notification				
Source:	Personal Travel Information Acc	ess	Destination:	Emergency Medical Services	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Personal Travel Information Acc	ess	Destination:	Indiana State Police District 13	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Personal Travel Information Acc	ess	Destination:	Local Emergency Services	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Emergency Medical Services	
	SAE	On-board Vehicle May	/day Standards C	iroup	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Indiana State Police District 13	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Local Emergency Services	
	SAE	On-board Vehicle May	day Standards C	iroup	(See Table 9)
Flow: e	mergency traffic control info	rmation			
Source:	Borman Hoosier Helpers		Destination:	Illinois Department of Transportation Emergency T Patrol (ETP)	raffic
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		oup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211

	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
		object Definitions for organic control and r nonuzation (oer )	NTCH 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	(bee fuble ))
500000	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASIIIO/IIL/INLMA	object Deminions for Signal Control and Friendzauon (Ser)	NICH 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Co	enter Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Co	enter Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Co	enter Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
		,	

	IEEE	Incident Management Standards Group	(See Table 9)
C			(See Table ))
Source:	INDOT-Northwest District Art		(C T. h. ).
	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group Global Object Definitions	(See Table 9) NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	INDOT-Northwest District Art	terial TMC Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local TMCs	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
Source:	Local TMCs	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Flow: en	mergency traffic control re	equest	
Source:	Borman Hoosier Helpers	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211

	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Emergency Medical Services	De	estination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Illinois Department of Transporta Traffic Patrol (ETP)	tion Emergency De	estination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
Source:	Illinois Department of Transporta Traffic Patrol (ETP)		estination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana Gateway	De	estination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana Gateway	De	estination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana Gateway	De	estination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana Gateway	De	estination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana State Police District 13	De	estination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star	ndards Group		(See Table 9)
Source:	Indiana State Police District 21 (7	on noud)	estination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S		up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Sig	nal Control ar	nd Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Star			(See Table 9)
Source:	Indiana State Police District 21 (7		estination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S		up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions			NTCIP 1201

	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T	Coll Road) Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T	Coll Road) Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
C.			(See Table 9)
Source:	Local Emergency Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201 NTCIP 1211
	AASH10/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NICIP 1211
	IEEE	Incident Management Standards Group	(See Table 9)
Flow: e	mergency traffic coordination	J	
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
source.	AASHTO/ITE	-	ITE TMDD
	AASHI0/IIE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	TTE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center Standards Group	(See Table 9)
G		Ĩ	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Illinois Department of Transporta Traffic Systems Center (TSC)	tion District 1 Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	· · · · ·
bource.	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets	ITE TMDD
		for External Traffic Management Center Communications (MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gi	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gi	oup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gi	oup	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	Illinois Department of Transportation District 1 Tr Systems Center (TSC)	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gi	oup	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gi	oup	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gi	oup	(See Table 9)
Flow: e	mergency traveler information	0 <b>n</b>			
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gi	roup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ms (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	y Alliance	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1 A A A A A A A A A A A A A A A A A A A	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ms (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Lake Michigan Interstate Gateway Alliance (LMIG Website	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		-	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: en	missions archive data				
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gi	roup	(See Table 9)
Source:	Borman TMC		Destination:	Indiana Gateway	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	Indiana Emissions Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		A Contract of the second se	(See Table 9)
	ASTM	Standard Practice for	Metadata to Sup	port Archived Data	ASTM E2468-05

		Management System	s		
Source:	Indiana Gateway		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management System		port Archived Data	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management System		port Archived Data	ASTM E2468-05
Flow: e	missions sensor control				
Source:	Indiana Emissions Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	αp	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC Roadside Equipment	
Source.	AASHTO/ITE/NEMA	NTCID Contor to Fig		• •	(See Table 0)
		NTCIP Center-to-Fie	lu Standarus Grot	μ	(See Table 9)
Flow: e	nvironmental sensor data				
Source:	Borman TMC Roadside Equipme	ent	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Borman TMC Roadside Equipme	ent	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Borman TMC Roadside Equipme	ent	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Mana System	agement
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie		ар	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	qu	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Manage	ement System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie		qu	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	or Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)

	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT Maintenance and Constru	uction Vehicles	Destination:	INDOT-Northwest District Arterial TMC Roadsid Equipment	е
	ASTM/IEEE/SAE	Dedicated Short Rang Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	Private Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Local Maintenance and Construct	ion Vehicles	Destination:	Local TMCs Roadside Equipment	
	ASTM/IEEE/SAE	Dedicated Short Rang Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	αp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions	-	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	qu	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Private Maintenance and Constru-		Destination:	INDOT-Northwest District Arterial TMC Roadsid Equipment	е
	ASTM/IEEE/SAE	Dedicated Short Rang Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
Source:	Private Maintenance and Constru-	ction Vehicles	Destination:	Local TMCs Roadside Equipment	
	ASTM/IEEE/SAE	Dedicated Short Rang Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
Flow: en	nvironmental sensors control	l			
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	qu	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204

Source:	Borman TMC		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ID	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT-Northwest District Arteri	al TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ip	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Local Maintenance and Construct System	ion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Local Maintenance and Construct System	ion Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
Source:	Local Maintenance and Construct System	-	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental S	Sensor Stations (ESS)	NTCIP 1204
Flow: ee	quipment maintenance status	5			
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
source.	AASHTO/ITE/NEMA	NTCID Contor to Con			(See Table 0)
_		NTCIP Center-to-Cen		A.	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
C				*	
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Borman Hoosier Helpers	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	Local Maintenance and Construct System	ion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	Local Maintenance and Construct System	ion Management	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Source:	Private Maintenance and Construct Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
Flow: ev	vent confirmation				
Source:	Borman TMC		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		up	(See Table 9)
_	IEEE	Incident Management	-		(See Table 9)
Source:	Borman TMC		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro		(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Emergency Medical Services		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		up	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Emergency Medical Services		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		up	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana State Police District 13		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		up	(See Table 9)
Source:	IEEE Indiana State Police District 13	Incident Management	Destination:	Indiana Dunes National Lakeshore Visitors Center	(See Table 9) and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	Park Access	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana State Police District 21 (T	Coll Road)	Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana State Police District 21 (T	Coll Road)	Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro		(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	up	(See Table 9)

Та	ble 11				
	IEEE	Incident Management	Standards Group	)	(See
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	pup	(See
	IEEE	Incident Management	Standards Group	,	(See
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Event Promoters	
	AASHTO/ITE/NEMA NTCIP Center-to-Cen		ter Standards Gro	oup	(See
	IEEE	Incident Management Standards Group		,	(See
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See
	IEEE	Incident Management	Standards Group	)	(See
Source:	Local Emergency Services		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See
	IEEE	Incident Management	Standards Group	)	(See
Source:	Local Emergency Services		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See
	IEEE	Incident Management	Standards Group		(See
Source:	Local TMCs		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See
	IEEE	Incident Management	Standards Group	)	(See
Source:	Local TMCs		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	and

(See Table 9)

(See Table 9) (See Table 9)

(See Table 9) (See Table 9)

(See Table 9) (See Table 9)

source.	Local Emergency Services		Destinution.	Event I fomoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group		2	(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	er and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	2	(See Table 9)
Source:	Local TMCs		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group			(See Table 9)
	IEEE	Incident Management Standards Group			(See Table 9)
Source:	Local TMCs		Destination:	Indiana Dunes National Lakeshore Visitors Center Park Access	er and
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	2	(See Table 9)
Flow: e	vent information				
Source:	Event Promoters		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Event Promoters		Destination:	Lake Michigan Interstate Gateway Alliance (LMI Website	(GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group			(See Table 9)
Source:	Event Promoters		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group			(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group			(See Table 9)
Source:	Indiana Dunes National Lakeshor and Park Access	e Visitors Center	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Dunes National Lakeshor and Park Access	e Visitors Center	Destination:	Lake Michigan Interstate Gateway Alliance (LM) Website	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Dunes National Lakeshor and Park Access	e Visitors Center	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)

#### *Flow:* event information request

Source:	- Indiana Gateway		Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
	SAE	Advanced Traveler Info Standards Group	ormation Systems	s (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Dunes National Lakeshore Visitors Center a Park Access	and
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
		Advanced Traveler Info Standards Group	ormation Systems	s (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gateway (LMIGA) Website	Alliance	Destination:	Event Promoters	
		NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
		Advanced Traveler Info Standards Group	ormation Systems	s (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gateway (LMIGA) Website	Alliance		Indiana Dunes National Lakeshore Visitors Center a Park Access	and
		NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
Source:	Lake Michigan Interstate Gateway (LMIGA) Website	Alliance		Indiana Dunes National Lakeshore Visitors Center a Park Access	and
	SAE	Advanced Traveler Info Standards Group	ormation Systems	s (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provid	ders	Destination:	Event Promoters	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
	SAE	Advanced Traveler Infe	ormation Systems	s (ATIS) General Use	(See Table 9)
		Standards Group			
Source:	Private Information Service Provid	ders		Indiana Dunes National Lakeshore Visitors Center a Park Access	and
		NTCIP Center-to-Center			(See Table 9)
	SAE	Advanced Traveler Info Standards Group	ormation Systems	s (ATIS) General Use	(See Table 9)
Flow: ev	vent plans				
Source:	Event Promoters		Destination:	Borman TMC	
		Traffic Management D for External Traffic Ma (MS/ETMCC)	• ·	MDD) and Message Sets Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Event Promoters		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Event Promoters		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Event Promoters		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Event Promoters		Destination:	Indiana Toll Road Operations Center	
		Traffic Management Data Dictionary (TMDD) and Message Sets ITE T for External Traffic Management Center Communications (MS/ETMCC)			ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Event Promoters		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management D	ata Dictionary (T	MDD) and Message Sets	ITE TMDD
		for External Traffic Ma			

Table 11		

		(MS/ETMCC)				
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)	
G	IEEE	Incident Managemer		•	(See Table 9)	
Source:	Event Promoters		Destination:	Local Emergency Services		
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Grou	p	(See Table 9)	
Source:	Event Promoters		Destination:	Local TMCs		
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	•	(TMDD) and Message Sets er Communications	ITE TMDD	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho	re Visitors Center	Destination:	Borman TMC		
	and Park Access AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)		(TMDD) and Message Sets eer Communications	ITE TMDD	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho and Park Access	re Visitors Center	Destination:	Emergency Medical Services		
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemen	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho and Park Access	re Visitors Center	Destination:	Indiana Gateway		
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets       ITE TM         for External Traffic Management Center Communications       (MS/ETMCC)				
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	(See Table 9)			
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho and Park Access	re Visitors Center	Destination:	Indiana State Police District 13		
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakeshore Visitors Center <i>Destination:</i> Indiana State Police District 21 (Toll Road) and Park Access					
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho and Park Access	re Visitors Center	Destination:	Indiana Toll Road Operations Center		
	AASHTO/ITE	Traffic Management for External Traffic I (MS/ETMCC)	ITE TMDD			
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho and Park Access	re Visitors Center	Destination:	INDOT-Northwest District Arterial TMC		
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets       ITE TM         for External Traffic Management Center Communications       (MS/ETMCC)				
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Grou	p	(See Table 9)	
Source:	Indiana Dunes National Lakeshore Visitors Center <i>Destination:</i> Local Emergency Services and Park Access					
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)	
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)	
Source:	Indiana Dunes National Lakesho	re Visitors Center	Destination:	Local TMCs		

	and Park Access AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD
		(MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Flow:	external reports		
Source	e: Media	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source	e: Media	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source	e: Media	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source	e: Media	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source	e: Media	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow:	fare and price information	1	
Source	-	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source	2: Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source		Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
G	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source		Destination: Local TMCs	
	AASHTO/ITE/NEMA SAE	NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use	(See Table 9) (See Table 9)
G		Standards Group	(See Table 9)
Source		-	(G. <b>T</b> . 11. 0)
	AASHTO/ITE/NEMA SAE	NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9) (See Table 9)
Flow:	fare collection data		
Source	ECT Transit Vehicles	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source	: GPTC Transit Vehicles	Destination: GPTC Agency Management	

	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles		Destination:	NICTD Agency Management	
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: fa	re management information	1			
Source:	ECT Agency Management		Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001
					3.0.4
Source:	GPTC Agency Management		Destination:	GPTC Transit Vehicles	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management		Destination:	NICTD Rail Transit Vehicles	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: fi	eld device status				
Source:	Borman TMC Roadside Equipme	ent	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie		ир	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	Borman TMC Roadside Equipme	ent	Destination:	Private Maintenance and Construction Managemer System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	Indiana Toll Road Roadside Equ Plazas/Gantries	ipment/Toll	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie		ир	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	Indiana Toll Road Roadside Equ Plazas/Gantries	-	Destination:	Private Maintenance and Construction Managemer System	
	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		qt	(See Table 9)
c.		Global Object Definit			NTCIP 1201
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	ld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Private Maintenance and Construction Managemer System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	Local TMCs Roadside Equipmen	nt	Destination:	Local Maintenance and Construction Management	t System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Gro	ир	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Source:	Local TMCs Roadside Equipmen	nt	Destination:	Private Maintenance and Construction Managemer System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie		ир	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
Flow: fi	eld equipment status				
Source:	Borman Hoosier Helpers		Destination:	INDOT Maintenance and Construction Manageme System	ent
Source:	Borman Hoosier Helpers		Destination:	INDOT Maintenance and Construction Manageme	ent
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)	•	System TMDD) and Message Sets er Communications	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Borman TMC		Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE	Traffic Management 1 for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Borman TMC		Destination:	Private Maintenance and Construction Managemer System	ıt
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemer System	
	AASHTO/ITE	Traffic Management 1 for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Private Maintenance and Construction Managemer System	ıt
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	INDOT Maintenance and Construction Manageme System	
	AASHTO/ITE	Traffic Management 1 for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	Private Maintenance and Construction Managemer System	
	AASHTO/ITE	Traffic Management 1 for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Local TMCs		Destination:	Local Maintenance and Construction Management	System
Source:	Local TMCs		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	roup	(See Table 9)
Source:	Local TMCs		Destination:	Private Maintenance and Construction Managemer System	ıt
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: g	overnment reporting data re	ceipt	
Source:	Government Reporting Systems	Destination: Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Government Reporting Systems	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: g	overnment reporting system	data	
Source:	Archived Data Management Syst	em Destination: Government Reporting Systems	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Northwest Indiana Archive	Destination: Government Reporting Systems	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: h	azmat information		
Source:	Fleet and Freight Management S	ystem Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:		Destination: Emergency Medical Services	(See Table ))
source.	Indiana Gateway AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
_	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Flow: h	azmat information request		(211 1111 ))
		Destingtion Indiana Cotoway	
Source:	Borman TMC AASHTO/ITE/NEMA	Destination: Indiana Gateway NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Fleet and Freight Management System	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:			(See Table 9)
Source:	Indiana State Police District 13 AASHTO/ITE/NEMA	Destination: Indiana Gateway NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (7		,
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

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	IEEE	Incident Management	Standards Group		(See Table 9)
Flow:	hri advisories	6	Ĩ		· · · ·
Source		al TMC	Destination:	Amtrak Rail	
501100	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source.	INDOT-Northwest District Arter		Destination:	Freight Rail Operators	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	•	(See Table 9)
Source.	INDOT-Northwest District Arter	ial TMC	Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source.	: Local TMCs		Destination:	Amtrak Rail	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source.	Local TMCs		Destination:	Freight Rail Operators	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	pup	(See Table 9)
Source.	Local TMCs		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow:	hri control data				
Source	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	1
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	p	(See Table 9)
Source.	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	р	(See Table 9)
Flow: 1	hri operational status				
Source.	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Amtrak Railroad Wayside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Source.	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Freight Rail Wayside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Source.	Roadside Equipment		Destination:	NICTD Railroad Wayside Equipment	
Source.	Roadside Equipment		Destination:	NICTD Railroad Wayside Equipment	
	IEEE	Highway Subsystem at	t a Highway Rail		IEEE 1570-2002
Source.			Destination:	Amtrak Railroad Wayside Equipment	IEEE 1570 2002
G	IEEE	Highway Subsystem at	t a Highway Rail		IEEE 1570-2002
Source.	<ul> <li>Local TMCs Roadside Equipmen IEEE</li> </ul>		Destination:	Freight Rail Wayside Equipment	IEEE 1570 2002
	IEEE	Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Source.	Local TMCs Roadside Equipmen	t	Destination:	NICTD Railroad Wayside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the Intersection	IEEE 1570-2002
Flow: 1	hri request				
Source.	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	1
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	p	(See Table 9)
Source.			Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	p	(See Table 9)
Flow:	hri status				

*Flow:* hri status

Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
Flow: in	cident information				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)	• ·	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
	IEEE	Incident Management	t Standards Group		(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Emergency Medical Services	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	)	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Illinois Department of Transportation Emergency Patrol (ETP)	Traffic
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)		TMDD) and Message Sets	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	)	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	IEEE	Incident Management	t Standards Group	2	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana State Police District 13	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	2	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	TMDD) and Message Sets er Communications	ITE TMDD	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	<b>)</b>	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	INDOT Maintenance and Construction Managem System	ent
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	2	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Local Emergency Services	
	AASHTO/ITE	Traffic Management for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	)	(See Table 9)

Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Emergency Medical Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 13	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 21 (Toll Road)	
Source:	Borman TMC	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: INDOT Maintenance and Construction Managem System	lent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Local Emergency Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Private Maintenance and Construction Manageme System	ent

	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD
		(MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman TMC	× ,
Source.	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	(,
	6.	-	
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:		Destination: Local TMCs	(200 2000 2)
source.	Emergency Medical Services		
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Illinois Department of Transport Traffic Systems Center (TSC)	tation District 1 Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Illinois Department of Transport Traffic Patrol (ETP)	tation Emergency Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets	ITE TMDD
		for External Traffic Management Center Communications	

		(MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
C	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Management	nt System
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Maintenance and Construction Managem System	ent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road) Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 21	(Toll Road)	Destination:	Borman TMC	
Source:	Indiana State Police District 21	(Toll Road)	Destination:	Borman TMC	
	AASHTO/ITE	Traffic Manage	ement Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards Gi	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 21	(Toll Road)	Destination:	Indiana Gateway	
	AASHTO/ITE	-	ment Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 21	(Toll Road)	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE		ement Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 21	(Toll Road)	Destination:	Private Maintenance and Construction I System	Management
	AASHTO/ITE/NEMA		to-Center Standards G	1	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana Toll Road Operations C	Center	Destination:	Borman TMC	
	AASHTO/ITE		ement Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana Toll Road Operations C	Center	Destination:	Emergency Medical Services	
	AASHTO/ITE	Ų	ement Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· ,	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana Toll Road Operations C	Center	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)			
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards G	roup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	р	(See Table 9)
Source:	Indiana Toll Road Operations C	Center	Destination:	Indiana State Police District 21 (Toll Re	oad)
	AASHTO/ITE	-	ement Data Dictionary ( affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· ,	to-Center Standards G	coup	(See Table 9)
	IEEE	Incident Manag	ement Standards Grou	p	(See Table 9)
Source:	Indiana Toll Road Operations C	Center	Destination:	INDOT Maintenance and Construction System	Management
	AASHTO/ITE	for External Tra (MS/ETMCC)	affic Management Cent	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-	to-Center Standards Gr	coup	(See Table 9)
	IEEE	The state of M.C.			

IEEE

Indiana Toll Road Operations Center

Source:

Destination:

System

(See Table 9)

Private Maintenance and Construction Management

Incident Management Standards Group

	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· · · ·	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	coup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Borman TMC	
	AASHTO/ITE	for External Traffic (MS/ETMCC)	c Management Cen	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA		Center Standards G		(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA		Center Standards G	1	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Indiana Gateway	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-0	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE	U	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-0	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA		Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Borman TMC	
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Borman TMC	
	AASHTO/ITE	Traffic Manageme for External Traffic	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-0	Center Standards G	coup	(See Table 9)
	IEEE		ent Standards Grou	•	(See Table 9)
Source:	INDOT-Northwest District Arter	-	Destination:	Emergency Medical Services	,

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	AASHTO/ITE	for External Traffic (MS/ETMCC)	Management Cent		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	roup	(See Table 9)
	IEEE	Incident Manageme	nt Standards Grou	р	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Illinois Department of Transportation Dis Systems Center (TSC)	strict 1 Traffic
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards G	roup	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE	for External Traffic (MS/ETMCC)	Management Cent		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C		•	(See Table 9)
	IEEE	Incident Manageme	nt Standards Grou	p	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	INDOT Maintenance and Construction M System	-
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	nt Standards Grou	p	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Private Maintenance and Construction M System	anagement
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	roup	(See Table 9)
	IEEE	Incident Manageme	nt Standards Grou	р	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards G	roup	(See Table 9)
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Local Emergency Services		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	roup	(See Table 9)
	IEEE	Incident Manageme	nt Standards Grou	p	(See Table 9)
Source:	Local Emergency Services		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)		(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	roup	(See Table 9)
Source:	Local Emergency Services		Destination:	Borman TMC	
	IEEE	Incident Manageme	nt Standards Grou	p	(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	roup	(See Table 9)
	IEEE	Incident Manageme		*	(See Table 9)
Source:	Local Emergency Services		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Managemen for External Traffic (MS/ETMCC)	t Data Dictionary	(TMDD) and Message Sets	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local Emergency Services		Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management l for External Traffic M (MS/ETMCC)		(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local Maintenance and Construe System	ction Management	Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local Maintenance and Construe System	ction Management	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	-	(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local Maintenance and Construe System	ction Management	Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management l for External Traffic M (MS/ETMCC)	•	(TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local TMCs		Destination:	Emergency Medical Services	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management l for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local TMCs		Destination:	Local Emergency Services	
Source:	Local TMCs		Destination:	Local Emergency Services	
	AASHTO/ITE	Traffic Management l for External Traffic M (MS/ETMCC)	Data Dictionary (	(TMDD) and Message Sets	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group	p	(See Table 9)
Source:	Local TMCs	-	Destination:	Local Maintenance and Construction Manageme	nt System
	AASHTO/ITE	Traffic Management l for External Traffic M (MS/ETMCC)	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grouj	p	(See Table 9)
Source:	Private Information Service Prov	viders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	·	(See Table 9)
	IEEE	Incident Management		•	(See Table 9)
	SAE	-	-	ns (ATIS) General Use	(See Table 9)
		Standards Group	-		

Source:	Private Information Service Prov	iders	Destination:	Lake Michigan Interstate Gateway Alliance (LMI Website	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Private Maintenance and Constru Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management I for External Traffic M (MS/ETMCC)		TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Flow: in	ncident report				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Illinois Department of Transportation Emergency Patrol (ETP)	Traffic
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	1	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	n	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1 A A A A A A A A A A A A A A A A A A A	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		•	(See Table 9)
	IEEE	Incident Management	Standards Group	•	(See Table 9)
Source:	Borman TMC		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	,	(See Table 9)
Source:	Borman TMC		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)

	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	Emergency Medical Services		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	Center Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	p	(See Table 9)
Source:	Emergency Medical Services		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	Center Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	р	(See Table 9)
Source:	Emergency Medical Services		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	Center Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	p	(See Table 9)
Source:	Emergency Medical Services		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	Center Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	р	(See Table 9)
Source:	Emergency Medical Services		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	Center Standards G	roup	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	р	(See Table 9)
Source:	Emergency Medical Services		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-C		•	(See Table 9)
	IEEE	Incident Manageme	ent Standards Grou	p	(See Table 9)
Source:	Illinois Department of Transporta Traffic Patrol (ETP)	ation Emergency	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C		•	(See Table 9)
	IEEE	Incident Manageme		*	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
a	AASHTO/ITE/NEMA	NTCIP Center-to-C		1	(See Table 9)
Source:	Indiana Gateway	T 11 / Nr	Destination:	Borman Hoosier Helpers	
-	IEEE	Incident Managemo		*	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-C		•	(See Table 9) (See Table 9)
a		mendent wranagem		*	(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-C		1	(See Table 9) (See Table 9)
C		meluent managem			(See Table 9)
Source:	Indiana Gateway	NTOD Conton to (	Destination:	Indiana State Police District 13	(C. T. L.L. O)
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-C		1	(See Table 9) (See Table 9)
Source:		meldent managem	Destination:	-	(See Table ))
source.	Indiana Gateway AASHTO/ITE/NEMA	NTCIP Center-to-C		Indiana State Police District 21 (Toll Road)	(See Table 9)
	IEEE	Incident Managem			(See Table 9)
C		mendent managem	Destination:	Local Emergency Services	
Source:	Indiana Gateway AASHTO/ITE/NEMA	NTCIP Center-to-C			(See Table 9)
	IEEE	Incident Managem		1	(See Table 9)
Source:	Indiana State Police District 13	ineraene inanagene	Destination:	P Borman Hoosier Helpers	(500 Table ))
source.	AASHTO/ITE/NEMA	NTCIP Center-to-O		*	(See Table 9)
	IEEE	Incident Managem		1	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Borman TMC	
200000	AASHTO/ITE/NEMA	NTCIP Center-to-C			(See Table 9)
	IEEE	Incident Manageme			(See Table 9)
Source:	Indiana State Police District 13	-	Destination:	Emergency Medical Services	
				<i>.</i> .	

AASHTO/ITE/NEMA

(See Table 9)

NTCIP Center-to-Center Standards Group

	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
		Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T		
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
C			(See Table 9)
Source:	Indiana State Police District 21 (T AASHTO/ITE/NEMA	Toll Road)         Destination:         Borman TMC           NTCIP Center-to-Center Standards Group	(See Table 9)
		Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T		( /)
50111001	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
		Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T	Coll Road) Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T		
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
a		Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T		(C T.L. 0)
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Local Emergency Services	Destination: Borman Hoosier Helpers	(See Tuble ))
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Loool Emonoon on Sometooo		
	Local Emergency Services	Destination: Borman TMC	
	Local Emergency Services AASHTO/ITE/NEMA	Destination: Borman TMC NTCIP Center-to-Center Standards Group	(See Table 9)
			(See Table 9) (See Table 9)
Source:	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	
Source:	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	
Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services	(See Table 9)
Source: Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana Gateway	(See Table 9) (See Table 9)
	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana Gateway NTCIP Center-to-Center Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9) (See Table 9)
	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Indiana Gateway NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Indiana State Police District 21 (Toll Road)	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centrer Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Flow: in	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana Gateway NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana State Police District 21 (Toll Road) NTCIP Center-to-Center Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE <b>ICIDENT TESPONSE COORDINATION</b> Borman Hoosier Helpers	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group In	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Flow: in	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group NTCIP Center-to-Centr Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Flow: in Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana State Police District 21 (Toll Road) NTCIP Center-to-Center Standards Group Incident Management Standards Group Incident Management Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Flow: in	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Grou	(See Table 9) (See Table 9)
Source: Source: Flow: in Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Center Standards Group Incident Management Standards Group NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Indiana State Police District 21 (Toll Road) NTCIP Center-to-Center Standards Group Incident Management Standards Group Incident Management Standards Group	(See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Flow: in Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA	NTCIP Center-to-Centre Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centre Standards Group Incident Management Standards Group NTCIP Center-to-Centre Standards Group Incident Management Standards Group	<ul> <li>(See Table 9)</li> </ul>
Source: Source: Flow: in Source: Source:	AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Local Emergency Services AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE Borman Hoosier Helpers AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Emergency Medical Services NTCIP Center-to-Centr Standards Group Incident Management Standards Group NTCIP Center-to-Centr Standards Group Incident Management Standards Group Destination: Indiana State Police District 21 (Toll Road) NTCIP Center-to-Centr Standards Group Incident Management Standards Group	<ul> <li>(See Table 9)</li> </ul>

	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
-	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Borman TMC	- ·	(See Table 9)
source.	AASHTO/ITE/NEMA	Destination: Indiana State Police District 21 (Toll Road) NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Local Emergency Services	. ,
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
a	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services AASHTO/ITE/NEMA	Destination: Indiana State Police District 13	(See Table 0)
	IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Emergency Medical Services	Destination: Indiana State Police District 21 (Toll Road)	(200 2000 2))
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)

Source:	Illinois Department of Transporta	ation Emergency	Destination:	Borman Hoosier Helpers	
	Traffic Patrol (ETP) AASHTO/ITE/NEMA	NTCIP Center-to-Ce	onter Standards Gr		(See Table 9)
	IEEE	Incident Managemen		1	(See Table 9)
Source:			Destination:	Borman Hoosier Helpers	(
source.	Indiana Gateway AASHTO/ITE/NEMA	NTCID Conton to Co		*	(See Table 0)
	IEEE	NTCIP Center-to-Ce Incident Management		1	(See Table 9) (See Table 9)
C		mendent Managemen	-		(Bee Table ))
Source:	Indiana Gateway		Destination:	Borman TMC	
C	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		oup Borman TMC	(See Table 9)
Source:	Indiana Gateway	T 11 / M	Destination:		
	IEEE	Incident Managemen	-		(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		1	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		•	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	2	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	)	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	- -	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Group	) )	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr		(See Table 9)
	IEEE	Incident Managemen		-	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Borman TMC	
50111001	AASHTO/ITE/NEMA	NTCIP Center-to-Ce			(See Table 9)
	IEEE	Incident Managemen		1	(See Table 9)
Source:	Indiana State Police District 21 (	•	Destination:	Emergency Medical Services	· · · ·
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Ce			(See Table 9)
	IEEE	Incident Managemen		•	(See Table 9)
Source:	Indiana State Police District 21 (	•	Destination:	Indiana Gateway	(
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		·	(See Table 9)
	IEEE	Incident Managemen		•	(See Table 9)
					(

Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Manager	nent Standards Group		(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Manager	nent Standards Group	1	(See Table 9)
Source:	Local Emergency Services		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Manager	nent Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	oup	(See Table 9)
	IEEE		nent Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	•••	(See Table 9)
	IEEE		nent Standards Group	*	(See Table 9)
Source:	Local Emergency Services	U	Destination:	Indiana Gateway	× ,
Source.	AASHTO/ITE/NEMA	NTCIP Captar to	-Center Standards Gro		(See Table 9)
	IEEE		nent Standards Group	1	(See Table 9)
C		incluent Manager			(See Tuble ))
Source:	Local Emergency Services		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA		-Center Standards Gro	•	(See Table 9)
	IEEE	Incident Manager	nent Standards Group		(See Table 9)
Flow: in	cident response status				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE	-	ent Data Dictionary ( ic Management Cente	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	. ,	-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Manager	nent Standards Group	, - ,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE		ent Data Dictionary ( ic Management Cente	TMDD) and Message Sets	ITE TMDD
	AASHTO/ITE/NEMA		-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Manager	nent Standards Group	,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE	for External Traff	ent Data Dictionary ( ic Management Cente	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC)	-Center Standards Gro		(See Table 0)
	IEEE		nent Standards Group	1 A A A A A A A A A A A A A A A A A A A	(See Table 9) (See Table 9)
Source:	Borman Hoosier Helpers	incluent intilliger	Destination:	INDOT Maintenance and Construction Manage System	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Center Standards Gro	•	(See Table 9)
	IEEE	Incident Manager	nent Standards Group	, - ,	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Managem	ent Data Dictionary (	TMDD) and Message Sets	ITE TMDD
		•	ic Management Cente		
	AASHTO/ITE/NEMA		-Center Standards Gro	•	(See Table 9)
	IEEE	Incident Manager	nent Standards Group		(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Local TMCs	
Source:	Borman Hoosier Helpers		Destination:	Local TMCs	
	AASHTO/ITE	-	ent Data Dictionary ( ic Management Cente	TMDD) and Message Sets er Communications	ITE TMDD

	AASHTO/ITE/NEMA IEEE	(MS/ETMCC) NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Borman Hoosier Helpers	Destination: Private Maintenance and Construction Managemen	ıt
	AASHTO/ITE/NEMA	System NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: INDOT Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
_	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC AASHTO/ITE	Destination: INDOT-Northwest District Arterial TMC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Private Maintenance and Construction Managemen System	ıt
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
_	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
Source:	Emergency Medical Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
c	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Illinois Department of Transpor Traffic Patrol (ETP)	tation Emergency Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	

	AASHTO/ITE	Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC)		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group	)	(See Table 9)
Source:	Indiana Gateway	Destination:	INDOT Maintenance and Construction Manager System	nent
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group	)	(See Table 9)
Source:	Indiana Gateway	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC)		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group	)	(See Table 9)
Source:	Indiana Gateway	Destination:	Local Maintenance and Construction Manageme	ent System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group	)	(See Table 9)
Source:	Indiana Gateway	Destination:	Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary ( for External Traffic Management Cento (MS/ETMCC)		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	oup	(See Table 9)
	IEEE	Incident Management Standards Group	)	(See Table 9)
Source:	Indiana Gateway	Destination:	NICTD Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC)		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Gro	pup	(See Table 9)
	IEEE	Incident Management Standards Group		(See Table 9)
Source:	IEEE Indiana Gateway	Incident Management Standards Group Destination:		(See Table 9)
Source:			Private Maintenance and Construction Manager System	(See Table 9)
Source:	Indiana Gateway	Destination:	Private Maintenance and Construction Manager System oup	(See Table 9)
Source: Source:	Indiana Gateway AASHTO/ITE/NEMA	Destination: NTCIP Center-to-Center Standards Gro	Private Maintenance and Construction Manager System oup	(See Table 9) nent (See Table 9)
	Indiana Gateway AASHTO/ITE/NEMA IEEE	Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Traffic Management Data Dictionary ( for External Traffic Management Center	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets	(See Table 9) nent (See Table 9)
	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13	Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Traffic Management Data Dictionary (	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets	(See Table 9) nent (See Table 9) (See Table 9)
Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE	Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC) Destination:	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD
Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13	Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC)	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup	(See Table 9) hent (See Table 9) (See Table 9) ITE TMDD (See Table 9)
Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE	Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group Destination: Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Incident Management Standards Group	Private Maintenance and Construction Manager System Dup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers Dup	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD
Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets	(See Table 9) hent (See Table 9) (See Table 9) ITE TMDD (See Table 9)
Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary ( for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary (	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) (See Table 9) ITE TMDD
Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC)	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9)
Source: Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Centor (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Centor (MS/ETMCC) Destination: Traffic Management Data Dictionary () for External Traffic Management Centor (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Standards Group MTCIP Center-to-Center Standards Group Incident Management Standards Group	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) ITE TMDD (See Table 9)
Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination:	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications oup Indiana Gateway TMDD) and Message Sets	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) ITE TMDD (See Table 9)
Source: Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE AASHTO/ITE/NEMA IEEE Indiana State Police District 13	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center	Private Maintenance and Construction Manager System Dup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers Dup Borman TMC TMDD) and Message Sets er Communications Dup Indiana Gateway TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) (See Table 9)
Source: Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC)	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications oup Indiana Gateway TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9)
Source: Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary (' for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination:	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications oup Indiana Gateway TMDD) and Message Sets er Communications	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) (See Table 9) (See Table 9)
Source: Source: Source:	Indiana Gateway AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE Indiana State Police District 13 AASHTO/ITE/NEMA IEEE	Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) Destination: NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Destination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Data Dictionary () for External Traffic Management Center (MS/ETMCC) NTCIP Center-to-Center Standards Group Distination: Traffic Management Center (MS/ETMCC)	Private Maintenance and Construction Manager System oup Borman Hoosier Helpers TMDD) and Message Sets er Communications Borman Hoosier Helpers oup Borman TMC TMDD) and Message Sets er Communications oup Indiana Gateway TMDD) and Message Sets er Communications oup Indiana Gateway	(See Table 9) nent (See Table 9) (See Table 9) ITE TMDD (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9) (See Table 9)

		(MS/ETMCC)			
	AASHTO/ITE/NEMA		Center Standards G	•	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 13		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Local TMCs	
	AASHTO/ITE			(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managerr	nent Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Borman TMC	
	AASHTO/ITE			(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Indiana Gateway	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· /	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE			(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 21 (	,	Destination:	INDOT Maintenance and Construction Man System	-
	AASHTO/ITE/NEMA		Center Standards G	•	(See Table 9)
	IEEE	•	ent Standards Grou	•	(See Table 9)
Source:	Indiana State Police District 21 (	,	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Ų	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA		Center Standards G	*	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	p	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road)	Destination:	Local TMCs	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· /	Center Standards G	roup	(See Table 9)
	IEEE	Incident Managem	ent Standards Grou	р	(See Table 9)
Source:	Local Emergency Services		Destination:	Borman Hoosier Helpers	

AASHTO/ITE

Traffic Management Data Dictionary (TMDD) and Message Sets

ITE TMDD

		for External Traffic Ma (MS/ETMCC)	0		
	AASHTO/ITE/NEMA	NTCIP Center-to-Center		up	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Management Da for External Traffic Ma (MS/ETMCC)		MDD) and Message Sets Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cente	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Gateway	
	AASHTO/ITE	Traffic Management Da for External Traffic Ma (MS/ETMCC)		MDD) and Message Sets Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Grou	ıp	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE	for External Traffic Ma		MDD) and Message Sets • Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center	er Standarde Grou	n	(See Table 9)
	IEEE	Incident Management S		ιþ.	(See Table 9)
Courses		U		INDOT Northwest District Artarial TMC	(500 14010 ))
Source:	Local Emergency Services		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	for External Traffic Ma (MS/ETMCC)	nagement Center		ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cente		up	(See Table 9)
~	IEEE	Incident Management S	-		(See Table 9)
Source:	Local Emergency Services			Local TMCs	
	AASHTO/ITE	Traffic Management Da for External Traffic Ma (MS/ETMCC)		MDD) and Message Sets Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cente	er Standards Grou	qu	(See Table 9)
	IEEE	Incident Management S	Standards Group		(See Table 9)
Flow: in	frastructure monitoring sens	sor control			
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	)	(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group		(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	(0, 70, 11, 0)
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group		(See Table 9)
Source:	Local Maintenance and Construct System AASHTO/ITE/NEMA	ion management		Local TMCs Roadside Equipment	(See Table 9)
		NTCIP Center-to-Field			(See Table 9)
Source:	Private Maintenance and Construct Management System AASHTO/ITE/NEMA	vtion NTCIP Center-to-Field	Destination: Standards Grour	Borman TMC Roadside Equipment	(See Table 9)
Source:	Private Maintenance and Construct		Destination:	Indiana Toll Road Roadside Equipment/Toll	(
source.	Management System AASHTO/ITE/NEMA	NTCIP Center-to-Field		Plazas/Gantries	(See Table 9)
C					(
Source:	Private Maintenance and Construct Management System AASHTO/ITE/NEMA	NTCIP Center-to-Field	Destination: Standards Group	INDOT-Northwest District Arterial TMC Roadside Equipment	(See Table 9)

Source:	Private Maintenance and Constru Management System	ction	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Flow: in	nfrastructure monitoring sen	sor data			
Source:	Borman TMC Roadside Equipme	ent	Destination:	INDOT Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	Borman TMC Roadside Equipme	ent	Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	р	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	р	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	INDOT Maintenance and Construction Management System	nt
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	INDOT Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	-	Destination:	Private Maintenance and Construction Managemen System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	p	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	р	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t	Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	•	(See Table 9)
Flow: in	nteractive traveler information	on			
Source:	Indiana Gateway		Destination:	GPTC Kiosks	
	SAE	Advanced Traveler In Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Kiosks	
	SAE	Advanced Traveler In: Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC Kiosks	
	SAE	Advanced Traveler In Standards Group	formation System	as (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs Kiosks	
	SAE	Advanced Traveler In: Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Kiosks	
	SAE	Advanced Traveler In Standards Group	formation System	ıs (ATIS) General Use	(See Table 9)

Source:	Indiana Gateway		Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Vehicle ITS Equipment	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	y Alliance	Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Vehicle ITS Equipment	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: in	ntermodal freight archive dat	ta			
Source:	Gary-Chicago Airport		Destination:	Archived Data Management System	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	Port of Indiana at Burns Harbor		Destination:	Archived Data Management System	
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Flow: in	ntersection blockage notificat	tion			
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Amtrak Railroad Wayside Equipment	
	IEEE	Standard for the Inter- Highway Subsystem a		Rail Subsystem and the I Intersection	IEEE 1570-2002
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Freight Rail Wayside Equipment	
	IEEE	Standard for the Inter- Highway Subsystem a		Rail Subsystem and the I Intersection	IEEE 1570-2002
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	NICTD Railroad Wayside Equipment	
	IEEE	Standard for the Inter- Highway Subsystem a		Rail Subsystem and the l Intersection	IEEE 1570-2002
Source:	Local TMCs Roadside Equipmen	t	Destination:	Amtrak Railroad Wayside Equipment	
	IEEE	Standard for the Inter- Highway Subsystem a		Rail Subsystem and the l Intersection	IEEE 1570-2002
Source:	Local TMCs Roadside Equipmen	t	Destination:	Freight Rail Wayside Equipment	
	IEEE	Standard for the Inter- Highway Subsystem a		Rail Subsystem and the I Intersection	IEEE 1570-2002
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t	Destination:	NICTD Railroad Wayside Equipment	
	IEEE	Standard for the Inter Highway Subsystem a		Rail Subsystem and the	IEEE 1570-2002

*Flow:* intersection status

Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Vehicle ITS Equipment	
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	a at 5.9 GHz Standards	(See Table 9)
	SAE	Dedicated Short Range Dictionary	e Communication	as (DSRC) Message Set	SAE J2735
Source:	Local TMCs Roadside Equipmen	nt	Destination:	Vehicle ITS Equipment	
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	a at 5.9 GHz Standards	(See Table 9)
	SAE	Dedicated Short Range Dictionary	e Communication	is (DSRC) Message Set	SAE J2735
Flow: in	-vehicle transaction status				
Source:	Vehicle ITS Equipment		Destination:	Drivers	
	SAE	ITS In-Vehicle Messag	ge Priority		SAE J2395
	SAE	Definitions and Experi Specification of Driver Techniques			SAE J2396
Flow: lo	cal signal preemption reque	st			
Source:	Local Emergency Vehicles		Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	Global Object Definition			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	ASTM	Dedicated Short Range Group	e Communication	a at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	at 5.9 GHz Standards	(See Table 9)
Source:	Local Emergency Vehicles		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	;
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	ASTM	Dedicated Short Range Group	e Communication	at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	at 5.9 GHz Standards	(See Table 9)
Source:	Local Emergency Vehicles		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	ASTM	•	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Group Dedicated Short Range Group	e Communication	a at 5.9 GHz Standards	(See Table 9)
Flow: lo	cal signal priority request	-			
Source:	ECT Transit Vehicles		Destination:	INDOT-Northwest District Arterial TMC Roadside	>
	AASHTO/ITE/NEMA	Global Object Definition	ons	Equipment	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		nd Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Co	ommunications I	nterface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	•	e Communication	a at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Group Dedicated Short Range Group	e Communication	at 5.9 GHz Standards	(See Table 9)
Source:	ECT Transit Vehicles		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		nd Prioritization (SCP)	NTCIP 1211

	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	Dedicated Short Range Communication at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Group Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Table 9)
Source:	GPTC Transit Vehicles	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	:
Source:	GPTC Transit Vehicles	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	:
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Table 9)
Source:	GPTC Transit Vehicles	Destination: Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Table 9)
Source:	NICTD Rail Transit Vehicles	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	2
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Table 9)
Source:	NICTD Rail Transit Vehicles	Destination: Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Table 9)
Flow: lo	gged vehicle routes		
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	<u>I</u>	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: m	naint and constr archive data				
Source:	Indiana Gateway		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Metadata to Supp	port Archived Data	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Aetadata to Supp	port Archived Data	ASTM E2468-05
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
	ASTM	Standard Practice for M Management Systems	Aetadata to Supp	bort Archived Data	ASTM E2468-05
Source:	Local Maintenance and Construct System	ion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Aetadata to Supp	port Archived Data	ASTM E2468-05
Source:	Private Maintenance and Constru Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		*	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Aetadata to Supp	oort Archived Data	ASTM E2468-05
Flow: m	aint and constr equipment r	epair status			
Source:	INDOT Equipment Repair Facilit	-	Destination:	INDOT Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	-	(See Table 9)
Source:	Local Equipment Repair Facilitie	S	Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Source:	Private Equipment and Repair Fa	cilities	Destination:	Private Maintenance and Construction Management System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
Flow: m	naint and constr fleet information	ation			
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	INDOT Equipment Repair Facilities	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gr	pup	(See Table 9)
Source:	Local Maintenance and Construct System	ion Management	Destination:	Local Equipment Repair Facilities	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gr	pup	(See Table 9)

Source:	Private Maintenance and Constru Management System AASHTO/ITE/NEMA	ction NTCIP Center-to-Ce	Destination: enter Standards Gr	Private Equipment and Repair Facilities	(See Table 9)
Flow: 1	naint and constr resource coo				· · · ·
Source:		,, <b>, , , , , , , , , , , , , , , , , ,</b>	Destination:	INDOT Maintenance and Construction Manageme	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	System oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemet System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	-	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	uction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
Source:	Local Maintenance and Construc System	tion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
Source:	Private Maintenance and Constru Management System	iction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
Flow:	naint and constr resource rec	luest			
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)
	IEEE	Incident Managemer	nt Standards Grouj	p	(See Table 9)
Source:			Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemer	nt Standards Group	p	(See Table 9)
Source:			Destination:	INDOT Maintenance and Construction Manageme System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)
	IEEE	Incident Managemer		•	(See Table 9)
Source:			Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		*	(See Table 9)
	IEEE	Incident Managemer		•	(See Table 9)
Source:	Ş		Destination:	INDOT Maintenance and Construction Manageme System	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Ce Incident Managemer		*	(See Table 9) (See Table 9)
Source:		mendent Managemer	Destination:	Local Maintenance and Construction Management	. ,
source.	Indiana Gateway		Destination.	Local Maintenance and Construction Management	System
Source:			Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		•	(See Table 9)
	IEEE	Incident Managemer		•	(See Table 9)
Source:			Destination:	Private Maintenance and Construction Managemer System	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Ce Incident Managemen		*	(See Table 9) (See Table 9)
	-	Bennes		k la seconda de la	(

Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana State Police District 21 (	Foll Road)	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	5	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter	Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	•	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	•	(See Table 9)
	IEEE	Incident Management		*	(See Table 9)
C		C			. ,
Source:	INDOT-Northwest District Arter	iai TMC	Destination:	INDOT Maintenance and Construction Manageme System	int
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	5	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	bup	(See Table 9)
	IEEE	Incident Management		*	(See Table 9)
Source:	Local TMCs	-	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro		(See Table 9)
	IEEE	Incident Management		*	(See Table 9)
Source:	Local TMCs		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	מוות	(See Table 9)
	IEEE	Incident Management		•	(See Table 9)
		-	r		(
Flow: <b>n</b>	naint and constr resource res	ponse			
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
	IEEE	Incident Management		x ·	(See Table 9)
Source:		gement	Destination:	Indiana State Police District 21 (Toll Road)	(
source:	Indiana Gateway	NTCID Contract C			(Cas T-11 O)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		-	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)

Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	t Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	bup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
	IEEE	Incident Management	t Standards Group		(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
~	IEEE	Incident Management			(See Table 9)
Source:	Local Maintenance and Construct System	C C	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Cer		*	(See Table 9) (See Table 9)
Source:	Local Maintenance and Construct	Incident Management	Destination:	Local TMCs	(See Table 9)
50111001	System	ion management	Destination		
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group		(See Table 9)
Source:	Private Maintenance and Construct Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	bup	(See Table 9)
	IEEE	Incident Management	t Standards Group		(See Table 9)
Flow: m	aint and constr work plans				
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	pup	(See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro		(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Freight Rail Operators	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	bup	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		*	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
~	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Local Maintenance and Construct	ion Management	Destination:	Indiana Gateway	
Source:	System Local Maintenance and Construct	ion Managamant	Destination:	Indiana Gateway	
source.	System	ion Management	Destination.	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Private Maintenance and Constru- Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Flow: m	aintenance and repair needs				
Source:	INDOT Asset Management		Destination:	INDOT Maintenance and Construction Management	nt
	AASHTO/ITE/NEMA	NTCID Contor to Con	tar Standarda Cro	System	(See Table 9)
Source:	Local Asset Management	NTCIP Center-to-Cen	Destination:	Local Maintenance and Construction Management	· · · · ·
Source.	C			-	•
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	ap update request				
Source:	Archived Data Management Syste AASHTO/ITE/NEMA		Destination:	Map Update Provider	(8 <b>T</b> -11- 0)
C		NTCIP Center-to-Cen		*	(See Table 9)
Source:	Borman Hoosier Helpers AASHTO/ITE/NEMA	NTCIP Center-to-Cen	Destination: ter Standards Gro	Map Update Provider	(See Table 9)
Source:	Borman TMC		Destination:	Map Update Provider	
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		* *	(See Table 9)
Source:	ECT Agency Management		Destination:	Map Update Provider	(
2011/001	201 Hgoney munugement			T - F	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Emergency Medical Services		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Emissions Management		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana State Police District 21 (7	[oll Road]	Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	INDOT Maintenance and Constru	uction	Destination:	Map Update Provider	
	Management System				
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	*	(See Table 9)
Source:	INDOT-Northwest District Arter		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Archive	y Alliance	Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Lake Michigan Interstate Gatewa	v Alliance	Destination:	Map Update Provider	
	(LMIGA) Website	<i>y</i>			
_	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		x .	(See Table 9)
Source:	Local Emergency Services		Destination:	Map Update Provider	
~	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		*	(See Table 9)
Source:	Local Maintenance and Construct System	tion Management	Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Local TMCs		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	NICTD Agency Management		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	pup	(See Table 9)
Source:	Northwest Indiana Archive		Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	pup	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Map Update Provider	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Private Maintenance and Constru	ction	Destination:	Map Update Provider	
	Management System AASHTO/ITE/NEMA	NTCIP Center-to-Cent	tor Standarda Cre		(See Table 9)
51		NTCIF Center-to-Cent	ter Standards Gro	ներ	(See Table 9)
Flow: m	ap updates				
Source:	Map Update Provider		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA ASTM	NTCIP Center-to-Cent Standard Practice for N			(See Table 9) ASTM E2468-05
		Management Systems			
Source:	Map Update Provider		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Map Update Provider		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	bup	(See Table 9)

Source:	Map Update Provider	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Indiana Emissions Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: INDOT Maintenance and Construction Managem System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Lake Michigan Interstate Gateway Alliance (LMI	GA)
	AASHTO/ITE/NEMA	Archive NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
Source:	Map Update Provider	Destination: Lake Michigan Interstate Gateway Alliance (LMI Website	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Local Maintenance and Construction Managemen	t System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Map Update Provider	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
Source:	Map Update Provider	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: m	ultimodal archive data		
Source:	Gary-Chicago Airport	Destination: Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
Source:	Gary-Chicago Airport	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05

	INDOT Arterial Multimodal Cro	ssings	Destination:	INDOT-Northwest District Arterial TMC Roadside	2
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	ield Standards Grou	Equipment Ip	(See Table 9)
Source:	Local Multimodal Crossings		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi			(See Table 9)
1				'F	(500 14010 ))
low: n	nultimodal information				
Source:	Gary-Chicago Airport		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C		1	(See Table 9)
	SAE	Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	ay Alliance	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Lake Michigan Interstate Gateway Alliance (LMIG Website	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-C		1	(See Table 9)
	SAE	Advanced Traveler Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
low: n	nultimodal information requ	est			
Source:	Private Information Service Prov	iders	Destination:	Gary-Chicago Airport	
	AASHTO/ITE/NEMA	NTCIP Center-to-C	enter Standards Gr	oup	(See Table 9)
	C A F	Advanced Traveler	Information States		
	SAE	Standards Group	Information System	ns (ATIS) General Use	(See Table 9)
low: n	sae nultimodal service data		Information System	ns (ATIS) General Use	(See Table 9)
low: n Source:	nultimodal service data		Destination:	GPTC Agency Management	(See Table 9)
	<b>nultimodal service data</b> Gary-Chicago Airport AASHTO/ITE/NEMA	Standards Group	Destination: enter Standards Gr	GPTC Agency Management	(See Table 9)
	nultimodal service data Gary-Chicago Airport	Standards Group	Destination: enter Standards Gr	GPTC Agency Management	(See Table 9) APTA TCIP-S-00
	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA	Standards Group	Destination: enter Standards Gr	GPTC Agency Management	(See Table 9)
Source:	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport	Standards Group NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination:	GPTC Agency Management oup Interface Profiles NICTD Agency Management	(See Table 9) APTA TCIP-S-00 3.0.4
Source:	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA	Standards Group	Destination: enter Standards Gr Communications Destination: enter Standards Gr	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9)
Source: Source:	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA	Standards Group NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination: enter Standards Gr	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00
Source: Source:	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA APTA	Standards Group NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination: enter Standards Gr	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00
Source: Source: low: 0	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA APTA on-board safety data	Standards Group NTCIP Center-to-C Standard for Transit NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination: enter Standards Gr Communications	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup Interface Profiles	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00
Source: Source: low: 0	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA APTA on-board safety data Commercial Vehicles	Standards Group NTCIP Center-to-C Standard for Transit NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination: enter Standards Gr Communications Destination: nge Communicatio	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup Interface Profiles Commercial Vehicle Weigh Stations	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00 3.0.4
Source: Source: low: 0	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA APTA on-board safety data Commercial Vehicles ASTM	Standards Group NTCIP Center-to-C Standard for Transit NTCIP Center-to-C Standard for Transit	Destination: enter Standards Gr Communications Destination: enter Standards Gr Communications Destination: nge Communicatio	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup Interface Profiles Commercial Vehicle Weigh Stations n at 915 MHz Standards	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9)
Source: Source: low: 0 Source:	nultimodal service data Gary-Chicago Airport AASHTO/ITE/NEMA APTA Gary-Chicago Airport AASHTO/ITE/NEMA APTA on-board safety data Commercial Vehicles ASTM IEEE	Standards Group NTCIP Center-to-C Standard for Transit NTCIP Center-to-C Standard for Transit Dedicated Short Rat Group Standard for Messag	Destination: enter Standards Gr Communications Destination: enter Standards Gr Communications Destination: nge Communicatio ge Sets for Vehicle. Destination:	GPTC Agency Management oup Interface Profiles NICTD Agency Management oup Interface Profiles Commercial Vehicle Weigh Stations n at 915 MHz Standards /Roadside Communications	(See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9) APTA TCIP-S-00 3.0.4 (See Table 9)

Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Range	e Communicatio	n at 915 MHz Standards	(See Table 9)
	IEEE	Group Standard for Message	Sets for Vehicle,	/Roadside Communications	IEEE 1455-1999
Flow: 0	n-board vehicle data				
Source:	Commercial Vehicles		Destination:	Fleet and Freight Management System	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
Flow: 0	n-board vehicle request				
Source:	Fleet and Freight Management S	ystem	Destination:	Commercial Vehicles	
Source:	Fleet and Freight Management S	ystem	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
Flow: of	ther data source archive data	a			
Source:	Academic and Research Organiz	ations	Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Metadata to Supp	port Archived Data	ASTM E2468-05
Source:	Academic and Research Organiz	ations	Destination:	Lake Michigan Interstate Gateway Alliance (LMIC Archive	GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Metadata to Supp	port Archived Data	ASTM E2468-05
Source:	Academic and Research Organiz	ations	Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		•	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Metadata to Supp	port Archived Data	ASTM E2468-05
Flow: <b>p</b>	arking archive data				
Source:	Indiana Gateway		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		*	(See Table 9)
	ASTM	Standard Practice for M Management Systems			ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		1	(See Table 9)
_	ASTM	Standard Practice for M Management Systems			ASTM E2468-05
Source:	Parking Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		1	(See Table 9)
	ASTM	Standard Practice for M Management Systems	Metadata to Supp	Sort Archived Data	ASTM E2468-05
Flow: <b>p</b>	arking information				
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit Co	ommunications	Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Gateway	<u>^</u>	Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gr	oup	(See Table 9)
	АРТА	Standard for Transit Co			APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)

Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gateway (LMIGA) Website	y Alliance	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Parking Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	АРТА	Standard for Transit C			APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Parking Management		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit C			APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Parking Management		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	ders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	ders	Destination:	Lake Michigan Interstate Gateway Alliance (LM Website	IGA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: p	arking lot data request				
Source:	Indiana Gateway		Destination:	Parking Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	АРТА	Standard for Transit C		•	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	ders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards Gr	oup	(See Table 9)
	SAE			ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	*	Destination:	Parking Management	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Parking Management	
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: p	arking lot inputs				
Source:	Indiana Gateway		Destination:	Parking Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	INDOT-Northwest District Arteri	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: p	arking lot reservation confir	mation			
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Parking Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow: p	arking reservations request				
Source:	Indiana Gateway		Destination:	Parking Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow: p	ass/pull-in				
Source:	Commercial Vehicle Weigh Station	ons	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	Roadside Communications	IEEE 1455-1999
Source:	Local TMCs Inspection Facilities		Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	Roadside Communications	IEEE 1455-1999
Flow: p	ayment violation notification	L			
Source:	ECT Agency Management		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Toll Road Operations Cer		Destination:	Indiana State Police District 13	(
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
c				*	
Source:	NICTD Agency Management		Destination:	Indiana State Police District 13	
Source	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		1	(See Table 9)
Source:	Parking Management AASHTO/ITE/NEMA	NTCID Conton to Cont	Destination:	Indiana State Police District 13	(See Table 0)
	AASTIU/IIL/NEWA	NTCIP Center-to-Cent	er Standards Gr	oup	(See Table 9)

Flow: personal transit information

Source:	ECT Agency Management	Destination:	Indiana Gateway	
	APTA	Standard for Transit Communication	s Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Syste Standards Group	ems (ATIS) General Use	(See Table 9)
Source:	GPTC Agency Management	Destination:	Indiana Gateway	
	АРТА	Standard for Transit Communication	s Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler Information Syste Standards Group	ems (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Gateway	Destination:	Personal Travel Information Access	
	АРТА	Standard for Transit Communication	s Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Syste Standards Group	ems (ATIS) General Use	(See Table 9)
Source:	NICTD Agency Management	Destination:	Indiana Gateway	
	APTA	Standard for Transit Communication	s Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Syste Standards Group	ems (ATIS) General Use	(See Table 9)
Flow: p	ollution state data request			
Source:	Borman TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Indiana Gateway	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Indiana Gateway	Destination:	Indiana Emissions Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Flow: ra	ailroad advisories			
Source:	Amtrak Rail	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Amtrak Rail	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Freight Rail Operators	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Freight Rail Operators	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	NICTD Agency Management	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	NICTD Agency Management	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Flow: ra	ailroad schedules			
Source:	Amtrak Rail	Destination:	INDOT Maintenance and Construction Manager System	ment
Source:	Amtrak Rail	Destination:	INDOT Maintenance and Construction Manager System	ment
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	•	(See Table 9)
Source:	Amtrak Rail	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Amtrak Rail	Destination:	Local Maintenance and Construction Manageme	ent System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards C	Group	(See Table 9)
Source:	Amtrak Rail	Destination:	Local TMCs	

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Amtrak Rail	Destination: Private Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Freight Rail Operators	Destination: INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Freight Rail Operators	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Freight Rail Operators	Destination: Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Freight Rail Operators	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Freight Rail Operators	Destination: Private Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: INDOT Maintenance and Construction Manageme System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: Private Maintenance and Construction Managemen System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: r	emote surveillance control		
Source:	Borman Hoosier Helpers	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD

		(MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana State Police District 13	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (T		
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: re	equest for bad tag list		
Source:	ECT Transit Vehicles	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Transit Vehicles	Destination: GPTC Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles	Destination: NICTD Agency Management	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: re	equest for enforcement		
Source:	Borman Hoosier Helpers	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Cer	ter <i>Destination:</i> Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	INDOT Maintenance and Constru Management System		
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	INDOT-Northwest District Arteri AASHTO/ITE/NEMA	al TMC Destination: Indiana State Police District 13 NTCIP Center-to-Center Standards Group	(See Table 9)

Source:	Local Maintenance and Construct System	ction Management	Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Source:	Local TMCs		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Source:	Private Maintenance and Constru Management System	uction	Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	oup	(See Table 9)
Flow: r	equest for vehicle measures				
Source:	ECT Agency Management		Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management		Destination:	GPTC Transit Vehicles	
	АРТА	Standard for Transit	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management		Destination:	NICTD Rail Transit Vehicles	
	АРТА	Standard for Transit	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: r	equest tag data				
Source:	Commercial Vehicle Weigh Stat	ions	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Ran Group	nge Communicatio	on at 915 MHz Standards	(See Table 9)
Source:	Local TMCs Inspection Facilitie	s	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Ran Group	nge Communicatio	on at 915 MHz Standards	(See Table 9)
Flow: r	equest transit information				
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards G	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	roup	(See Table 9)
Source:	Indiana Toll Road Operations Co	enter	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gi	roup	(See Table 9)
Flow: r	esource coordination				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards G	oup	(See Table 9)
	IEEE	Incident Managemen	nt Standards Grou	p	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce			(See Table 9)
	IEEE	Incident Managemen	nt Standards Grou	p	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Illinois Department of Transportation Emergency Patrol (ETP)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gr	oup	(See Table 9)

	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
~	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Source:	Borman TMC	Destination: Emergency Medical Services	(See Table ))
source:	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	(
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
G	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Borman TMC	$(0, -T_{\rm c}, 1, 0)$
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Table 9) (See Table 9)
Courses			(bee Table ))
Source:	Emergency Medical Services AASHTO/ITE/NEMA	Destination: Indiana Gateway NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana State Police District 13	× ,
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Emergency Medical Services	Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Illinois Department of Transport	ation Emergency <i>Destination:</i> Borman Hoosier Helpers	

	Traffic Patrol (ETP) AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	IEEE	Incident Management	Standards Group	0	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		*	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Cen Incident Management		*	(See Table 9) (See Table 9)
Courses		mendent Wanagement	Destination:	Indiana State Police District 13	(See Table ))
Source:	Indiana Gateway AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
	IEEE	Incident Management		1	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	(
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		· · · · ·	(See Table 9)
Source:	Indiana Gateway	With Center to Cen	Destination:	Indiana State Police District 21 (Toll Road)	(See Table ))
	IEEE	Incident Management	Standards Group	· · · · ·	(See Table 9)
Source:	Indiana Gateway	C	Destination:	Local Emergency Services	× ,
50111001	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		• •	(See Table 9)
	IEEE	Incident Management		*	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	5	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	2	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	0	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	IEEE	Incident Management	Standards Group	2	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		-	(See Table 9)
	IEEE	Incident Management	Standards Group	)	(See Table 9)
Source:	Indiana State Police District 21 (	·	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	IEEE	Incident Management			(See Table 9)
Source:	Indiana State Police District 21 (	,	Destination:	Borman TMC	
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Cen Incident Management		1	(See Table 9) (See Table 9)
C		-			(See Table 9)
Source:	Indiana State Police District 21 (	·	Destination:	Emergency Medical Services	(See Table 0)
	AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Cen Incident Management		-	(See Table 9) (See Table 9)
Source:	Indiana State Police District 21 (		Destination:	Indiana Gateway	
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		·	(See Table 9)
	IEEE	Incident Management		1	(See Table 9)
Source:	Indiana State Police District 21 (	-	Destination:	Indiana State Police District 13	. /

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road) Destination: Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Local Emergency Services	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Flow: re	esource deployment status		
Source:	Borman Hoosier Helpers	Destination: Illinois Department of Transportation Emergency Patrol (ETP)	Traffic
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman Hoosier Helpers	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	IEEE	Incident Management Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	

	Tabl	e 11
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	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Indiana Toll Road Operations Ce	enter	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Indiana Toll Road Operations Ce	enter	Destination:	Indiana State Police District 21 (Toll Road)	
Source:	Indiana Toll Road Operations Ce	enter	Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	2	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		1	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	INDOT-Northwest District Arter	rial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		•	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		1	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Flow: r	esource request				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group		(See Table 9)
Source:	Borman TMC		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		-	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		1	(See Table 9)
	IEEE	Incident Managemen	1		(See Table 9)
Source:	Emergency Medical Services		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce		•	(See Table 9)
	IEEE	Incident Managemen			(See Table 9)
Source:	Illinois Department of Transport	ation Emergency	Destination:	Borman Hoosier Helpers	
	Traffic Patrol (ETP) AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen		•	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	, ,	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group		(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gro	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Managemen	t Standards Group	)	(See Table 9)

Source:	Indiana Gateway		Destination:	Local TMCs	
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	2	(See Table 9)
Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	)	(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	)	(See Table 9)
Source:	Indiana State Police District 21 (7	Foll Road)	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	)	(See Table 9)
Source:	Local Emergency Services		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	IEEE	Incident Management	Standards Group	)	(See Table 9)
Flow: ri	ght-of-way request notificat	ion			
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC	
	Roadside Equipment				
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Units	Actuated Traffic	e Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA		Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for	Conflict Monitor	r Units (CMU)	NTCIP 1214
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Units	Actuated Traffic	Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Object Definitions for	Signal Control a	nd Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for	Conflict Monito	r Units (CMU)	NTCIP 1214
Flow: re	oad network conditions				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC	
	AASHTO/ITE	Traffic Management I for External Traffic M		TMDD) and Message Sets	ITE TMDD
		(MS/ETMCC)	lanagement Cente	er Communications	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Illinois Department of Transportation Emergen Patrol (ETP)	cy Traffic
	AASHTO/ITE	Traffic Management I	Data Dictionary (	TMDD) and Message Sets	ITE TMDD
		for External Traffic M	lanagement Cente	er Communications	
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Cen	ter Standards Gro	מווכ	(See Table 9)
Source:			Destination:	Indiana Gateway	(211 - 1011 /)
source.	Borman Hoosier Helpers AASHTO/ITE	Troffic Management I		TMDD) and Message Sets	ITE TMDD
	AASIITO/ITE	for External Traffic M (MS/ETMCC)	•		TTE TWIDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	INDOT Maintenance and Construction Manage System	
	AASHTO/ITE	Traffic Management I for External Traffic M	Data Dictionary (	TMDD) and Message Sets	ITE TMDD

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Borman TMC	Destination: Indiana Gateway	× ,
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Illinois Department of Transport Traffic Systems Center (TSC) AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets	ITE TMDD
		for External Traffic Management Center Communications (MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman Hoosier Helpers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Emergency Medical Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Fleet and Freight Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Maintenance and Construction Managen System	ent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Management	nt System
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Maintenance and Construction Managem System	ent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Ce	enter Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Toll Road Operations Ce	System	lent
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

#### AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group INDOT-Northwest District Arterial TMC Source. Destination. Illinois Department of Transportation District 1 Traffic Systems Center (TSC) AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Source: Indiana Gateway INDOT-Northwest District Arterial TMC Destination: AASHTO/ITE ITE TMDD Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Source: INDOT-Northwest District Arterial TMC Destination: INDOT Maintenance and Construction Management System AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Private Information Service Providers Source: Lake Michigan Interstate Gateway Alliance Destination: (LMIGA) Website AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source. Destination. Indiana Gateway Local TMCs AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Source: Destination: Local Maintenance and Construction Management System Local TMCs AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group AASHTO/ITE/NEMA (See Table 9) Source: Private Information Service Providers Destination: Lake Michigan Interstate Gateway Alliance (LMIGA) Website AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Flow: road weather information Source: Indiana Gateway Destination: Borman Hoosier Helpers AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Borman TMC Source: Indiana Gateway Destination: AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Source: Indiana Gateway Destination: ECT Agency Management AASHTO/ITE ITE TMDD Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Source: Indiana Gateway Destination: **Emergency Medical Services** AASHTO/ITE Traffic Management Data Dictionary (TMDD) and Message Sets ITE TMDD

(See Table 9)

#### Table 11

for External Traffic Management Center Communications

(MS/ETMCC)

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Freight Rail Operators	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 13	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT Maintenance and Construction Manage System	ement
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Emergency Services	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Managem	nent System
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Media	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE	Ų	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Provide	ers
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	· /	Center Standards G	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Constructi System	on Management
	AASHTO/ITE	-	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	Indiana Gateway		Destination:	Weather Services	
	AASHTO/ITE	-	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	INDOT Maintenance and Consta Management System	ruction	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE	-	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	INDOT Maintenance and Const Management System		Destination:	Borman TMC	
	AASHTO/ITE	-	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	INDOT Maintenance and Consta Management System	ruction	Destination:	Indiana Gateway	
	AASHTO/ITE	Ų	•	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	INDOT Maintenance and Const Management System			Indiana Toll Road Operations Cente	er
	AASHTO/ITE	for External Traffi (MS/ETMCC)	c Management Cen	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G		(See Table 9)
Source:	INDOT Maintenance and Constr Management System		Destination:	INDOT-Northwest District Arterial	
	AASHTO/ITE	-	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-	Center Standards G	roup	(See Table 9)
Source:	Local Maintenance and Construct System	ction Management	Destination:	Indiana Gateway	
	AASHTO/ITE	-	-	(TMDD) and Message Sets ter Communications	ITE TMDD
	AASHTO/ITE/NEMA	. ,	Center Standards G	roup	(See Table 9)
Source:	Local Maintenance and Construe System	ction Management	Destination:	Local TMCs	
	AASHTO/ITE	Traffic Manageme	ent Data Dictionary	(TMDD) and Message Sets	ITE TMDD

		for External Traffic Management Center Communications (MS/ETMCC)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Private Maintenance and Constru-	-	, , , , , , , , , , , , , , , , , , ,
	Management System AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: re	oadside archive data		
Source:	Borman TMC Roadside Equipme	nt Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM)	NTCIP 1206
		Devices	111011 1200
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Archived Data Management System	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM)	NTCIP 1206
		Devices	
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM) Devices	NTCIP 1206
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	oment/Toll Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM)	NTCIP 1204
		Devices	NTCH 1200
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Arteri	al TMC Destination: Indiana Gateway	
	Roadside Equipment		
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM) Devices	NTCIP 1206
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Roadside Equipmen	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
	AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM)	NTCIP 1204

	AASHTO/ITE/NEMA	Devices Data Element Definitions	for Transporta	tion Sensor Systems (TSS)	NTCIP 1209
Flow: r	oadway equipment coordinat	ion			
Source:	Borman TMC Roadside Equipme		stination:	Indiana Gateway	
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Center S		•	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act			NTCIP 1202
		Units			101CH 1202
	AASHTO/ITE/NEMA	Field Management Station	s (FMS) - Part	1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Signal System Masters Object Definitions for Con	fligt Moniton		NTCID 1214
_					NTCIP 1214
Source:	Indiana Gateway			Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S		*	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act Units	uated Traffic S	Signal Controller (ASC)	NTCIP 1202
Source:	Indiana Gateway		stination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	Field Management Station		* *	NTCIP 1210
		Signal System Masters			
	AASHTO/ITE/NEMA	Object Definitions for Con	flict Monitor	Units (CMU)	NTCIP 1214
Source:	Indiana Gateway	De		Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	tandards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act Units	uated Traffic S	Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Station Signal System Masters			NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Con	flict Monitor	Units (CMU)	NTCIP 1214
Source:	Indiana Gateway	De		INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S		•	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act Units			NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Station Signal System Masters			NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Con	iflict Monitor	Units (CMU)	NTCIP 1214
Source:	Indiana Gateway	De	stination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	tandards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act Units			NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Station Signal System Masters	s (FMS) - Part	t 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Con	flict Monitor	Units (CMU)	NTCIP 1214
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll De	estination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	standards Grou	ID	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act Units		*	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Station Signal System Masters	s (FMS) - Part	1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Con	flict Monitor	Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC De	estination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center S	tandards Grou	ip	(See Table 9)
	AASHTO/ITE/NEMA	Object Definitions for Act		*	NTCIP 1202
	AASHTO/ITE/NEMA	Units Field Management Station Signal System Masters	s (FMS) - Part	1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Con	flict Monitor	Units (CMU)	NTCIP 1214
Source:	Local TMCs Roadside Equipmen	t De	estination:	Indiana Gateway	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	or Standarda Gra		(See Table 9)
	AASHTO/ITE/NEMA			Signal Controller (ASC)	NTCIP 1202
		Units		-	
	AASHTO/ITE/NEMA	Signal System Masters	1 · · · ·	rt 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for	Conflict Monitor	Units (CMU)	NTCIP 1214
Flow: re	oadway information system o	lata			
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	р	(See Table 9)
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		ge Signs (DMS)	NTCIP 1203
Source:	Borman Hoosier Helpers	-	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	•	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitio		P	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		ge Signs (DMS)	NTCIP 1203
Source:	Borman TMC		Destination:	Borman TMC Roadside Equipment	
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Field			(See Table 0)
	AASHTO/ITE/NEMA	Global Object Definition		þ	(See Table 9) NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		te Signs (DMS)	NTCIP 1203
Source:		Object Definitions for	Destination:		NTCH 1205
source.	Borman TMC AASHTO/ITE/NEMA	NTCID Conton to Field		Indiana Gateway	(See Table 0)
	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	NTCIP Center-to-Field Global Object Definition		p	(See Table 9) NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		te Signs (DMS)	NTCIP 1201 NTCIP 1203
a		Object Definitions for			
Source:	Borman TMC		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Gateway		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	р	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Gateway		Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	р	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	1
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Gateway		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	р	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	р	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messag	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Toll Road Operations Ce	nter	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou		(See Table 9)

	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo		ge Signs (DMS)	NTCIP 1201 NTCIP 1203
Source:	INDOT Maintenance and Constru	•	Destination:	Indiana Gateway	
	Management System AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	n	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		ιþ.	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo		ge Signs (DMS)	NTCIP 1203
Source:	INDOT Maintenance and Constru Management System	-	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		-	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	INDOT Maintenance and Constru	uction	Destination:	INDOT-Northwest District Arterial TMC Roadsid	le
	Management System			Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadsid Equipment	le
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local Maintenance and Construc System	tion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local Maintenance and Construc System	tion Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local TMCs		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Private Maintenance and Constru Management System	ction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Flow: ro	adway information system s	status			
Source:	Borman TMC Roadside Equipme	ent	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions fo	r Dynamic Messa	ge Signs (DMS)	NTCIP 1203

Source:	Borman TMC Roadside Equipme	nt	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ID	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	INDOT-Northwest District Arteri Roadside Equipment		Destination:	INDOT Maintenance and Construction Manageme System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for			NTCIP 1203
Source:	INDOT-Northwest District Arteri Roadside Equipment		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local Maintenance and Construction Managemen	t System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Dynamic Messa	ge Signs (DMS)	NTCIP 1203
Flow: re	badway maintenance status				
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		*	(See Table 9)
C				A.	
Source:	Indiana Gateway		Destination:	Borman TMC	
~	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		•	(See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	bup	(See Table 9)
Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro		(See Table 9)
C				*	(
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	( <b>6 6 1 1 1</b>
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	bup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	зир	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	*	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Managemen System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	•	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	bup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	pup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	pup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	bup	(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Borman Hoosier Helpers	
_	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		•	(See Table 9)
Source:	INDOT Maintenance and Constru Management System AASHTO/ITE/NEMA	action NTCIP Center-to-Cer	Destination:	Borman TMC	(See Table 9)
C					(See Table 9)
Source:	INDOT Maintenance and Constru Management System AASHTO/ITE/NEMA	NTCIP Center-to-Cer	Destination:	Indiana Gateway	(See Table 9)
C				*	(See Table 9)
source:	INDOT Maintenance and Constru Management System			Indiana Toll Road Operations Center	(C T. h 0)
Source:	AASHTO/ITE/NEMA INDOT Maintenance and Constru	NTCIP Center-to-Cer	Destination:	Nup INDOT-Northwest District Arterial TMC	(See Table 9)
source.	Management System	letton	Desination.	http://www.st.bisulet/fulling_inter	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Local Maintenance and Construct System	tion Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	bup	(See Table 9)
Source:	Local Maintenance and Construct System	tion Management	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gro	oup	(See Table 9)
Source:	Private Maintenance and Constru Management System		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	ter Standards Gro	oup	(See Table 9)
Flow: r	oadway treatment system con	ntrol			
Source:	INDOT Maintenance and Constru Management System	uction	Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standards Grou	p	(See Table 9)

	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	Global Object Definit Object Definitions for		Sancar Stations (ESS)	NTCIP 1201 NTCIP 1204
_		5			NICIP 1204
Source:	INDOT Maintenance and Construction Management System		Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental	Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT Maintenance and Constru Management System	uction	Destination:	INDOT-Northwest District Arterial TMC Roadsid Equipment	e
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		1	NTCIP 1201
	AASHTO/ITE/NEMA	•		Sensor Stations (ESS)	NTCIP 1204
Source:	Local Maintenance and Construc System	tion Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		1	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		Sensor Stations (ESS)	NTCIP 1204
low: ro	adway treatment system sta	tus			
Source:	Borman TMC Roadside Equipme		Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental	Sensor Stations (ESS)	NTCIP 1204
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	•		Sensor Stations (ESS)	NTCIP 1204
Source:	INDOT-Northwest District Arter Roadside Equipment		Destination:	INDOT Maintenance and Construction Manageme System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Environmental	Sensor Stations (ESS)	NTCIP 1204
Source:	Local TMCs Roadside Equipmen	•	Destination:	Local Maintenance and Construction Management	t System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Gro	מוו	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		μ. 	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		Sensor Stations (ESS)	NTCIP 1204
low: ro	oute plan	5			
Source:	Private Information Service Prov	iders	Destination:	Fleet and Freight Management System	
Source.					(Cas Table ()
	AASHTO/ITE/NEMA SAE	NTCIP Center-to-Cen Advanced Traveler In Standards Group		ms (ATIS) General Use	(See Table 9) (See Table 9)
low: re	oute request	x			
Source:	Fleet and Freight Management S	vstem	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen			(See Table 9)
	SAE			ms (ATIS) General Use	(See Table 9)
	5 ML	Standards Group	formation Syster		(Bee Tuble ))
low: sa	afety inspection record				
				Communical Waltinka	
Source:	Commercial Vehicle Weigh Stati	ons	Destination:	Commercial Vehicles	
	Commercial Vehicle Weigh Stati ASTM			on at 915 MHz Standards	(See Table 9)
	•	Dedicated Short Rang Group			(See Table 9)

		Group			
Source:	Commercial Vehicles		Destination:	Commercial Vehicle Weigh Stations	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Local TMCs Inspection Facilities		Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Local TMCs Inspection Facilities		Destination:	Indiana Gateway	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Flow: sa	afety inspection request				
Source:	Commercial Vehicle Weigh Station	ons	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Commercial Vehicle Weigh Station		Destination:	Indiana Gateway	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Local TMCs Inspection Facilities		Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
Source:	Local TMCs Inspection Facilities		Destination:	Indiana Gateway	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	creening event record				
Source:	Commercial Vehicle Weigh Statio		Destination:	Commercial Vehicles	
	ASTM	Group		n at 915 MHz Standards /Roadside Communications	(See Table 9) IEEE 1455-1999
Source:	Commercial Vehicle Weigh Station	ons	Destination:	Indiana Gateway	
	ASTM	Group		n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Commercial Vehicles		Destination:	Commercial Vehicle Weigh Stations	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	IEEE	-	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Local TMCs Inspection Facilities		Destination:	Commercial Vehicles	
	ASTM	Group		n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Local TMCs Inspection Facilities		Destination:	Indiana Gateway	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999

#### *Flow:* secure area surveillance control

Source:	Borman TMC	Destination: INDOT-Northwest District Arterial TMC Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	GPTC Agency Management	Destination: GPTC Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana State Police District 13	Destination: Indiana Toll Road Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana State Police District 13	Destination: INDOT-Northwest District Arterial TMC Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
Source:	Indiana State Police District 13	Destination: INDOT-Northwest District Arterial TMC Kiosks	
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana State Police District 21 (7	Foll Road) Destination: Indiana Toll Road Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	NICTD Agency Management	Destination: NICTD Kiosks	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Flow: se	ecure area surveillance data		
Source:	GPTC Kiosks	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Toll Road Kiosks	Destination: Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	INDOT-Northwest District Arter	ial TMC Kiosks Destination: Borman TMC	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV)	NTCIP 1208

		Switching			
Source:	NICTD Kiosks		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for O Control	Closed Circuit Te	elevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for O Switching	Closed Circuit To	elevision (CCTV)	NTCIP 1208
Flow: s	elected routes				
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
	SAE	Advanced Traveler Info Standards Group	ormation System	s (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
	SAE	Advanced Traveler Info Standards Group	ormation System	s (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	SAE	Advanced Traveler Info Standards Group	ormation System	s (ATIS) General Use	(See Table 9)
Flow: si	ignal control commands				
Source:	Borman TMC		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou	* *	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for A Units	Actuated Traffic	Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Signal System Masters		rt 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for S	Signal Control ar	nd Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for O	Conflict Monitor	Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field		p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition			NTCIP 1201
	AASHTO/ITE/NEMA	Units		Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Signal System Masters		rt 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for S	Signal Control ar	nd Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for (			NTCIP 1214
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field		p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitio			NTCIP 1201
	AASHTO/ITE/NEMA	Units		Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Signal System Masters		rt 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for S	-		NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for O	Conflict Monitor	Units (CMU)	NTCIP 1214
Flow: si	ignal control device configura	ation			
Source:	Borman TMC		Destination:	INDOT-Northwest District Arterial TMC Roadside	

Dominan TIMC	Destination.	httpor northwest District Arternal Three Roadsid	
		Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Grou	ıp	(See Table 9)

	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arter	l TMC Destination: INDOT-Northwest District Arte Equipment	erial TMC Roadside
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
Source:	INDOT-Northwest District Arter		erial TMC Roadside
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	Local TMCs	Destination: Local TMCs Roadside Equipme	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC)	NTCIP 1202
	AASHTO/ITE/NEMA	Units Field Management Stations (FMS) - Part 1: Object Definitions for	NTCIP 1210
	AASHTO/ITE/NEMA	Signal System Masters Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Flow: si	gnal control plans		
Source:	Borman TMC	Destination: INDOT-Northwest District Arte Equipment	erial TMC Roadside
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arter	d TMC Destination: INDOT-Northwest District Arte Equipment	erial TMC Roadside
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	Local TMCs	Destination: Local TMCs Roadside Equipme	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
			NECID 1210
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210

	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Flow: si	gnal control status		
Source:	INDOT-Northwest District Arter Roadside Equipment		
Source:	AASHTO/ITE/NEMA INDOT-Northwest District Arter	NTCIP Center-to-Field Standards Group al TMC Destination: Borman TMC	(See Table 9)
	Roadside Equipment AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arter Roadside Equipment		
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	Local TMCs Roadside Equipmen	t Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Flow: si	gnal fault data		
Source:	INDOT-Northwest District Arter Roadside Equipment	al TMC Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arter Roadside Equipment	al TMC Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	Local TMCs Roadside Equipmen	t Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210

	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Flow: si	gnal system configuration		
Source:	Borman TMC	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	INDOT-Northwest District Arteri	al TMC Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Source:	Local TMCs	Destination: Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Actuated Traffic Signal Controller (ASC) Units	NTCIP 1202
	AASHTO/ITE/NEMA	Field Management Stations (FMS) - Part 1: Object Definitions for Signal System Masters	NTCIP 1210
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	AASHTO/ITE/NEMA	Object Definitions for Conflict Monitor Units (CMU)	NTCIP 1214
Flow: sp	beed monitoring control		
Source:	Borman TMC	Destination: Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209

Source:	Indiana Gateway		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Grou	αp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions	-	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana State Police District 13		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Gro	up	(See Table 9)
Source:	Indiana Toll Road Operations Co	enter	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Gro	ир	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	INDOT Maintenance and Constr Management System	uction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	;
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Grou		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	Local Maintenance and Construc System	ction Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Grou	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	tions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Gro	цр	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin	itions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Flow: s	peed monitoring information	1			
Source:	Borman TMC Roadside Equipm		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi	eld Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin			NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	itions for Transpor	tation Sensor Systems (TSS)	NTCIP 1209
Source:	Borman TMC Roadside Equipm	ent	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi			(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin		μþ	NTCIP 1201
	AASHTO/ITE/NEMA	•		tation Sensor Systems (TSS)	NTCIP 1209
Source:	Borman TMC Roadside Equipm	ent	Destination:	Indiana Gateway	
bourcer	AASHTO/ITE/NEMA	NTCIP Center-to-Fi		·	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin		μþ	NTCIP 1201
	AASHTO/ITE/NEMA	•		tation Sensor Systems (TSS)	NTCIP 1209
c				Demonstration II 1	
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fi		up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defin			NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Defini	tuons for Transpor	tation Sensor Systems (TSS)	NTCIP 1209

Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De		-r	NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1209
			Ĩ		
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De	finitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Det	finitions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction M	anagement
	AASHTO/ITE/NEMA	NTCIP Center-to	-Field Standards Gro	System	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De		чР Ч	NTCIP 1201
	AASHTO/ITE/NEMA	5		rtation Sensor Systems (TSS)	NTCIP 1209
C.			D	NDOT No thread District Astronic I TMC	
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA		-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De			NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Del	finitions for Transpo	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Man	agement System
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De	finitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Det	finitions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De	finitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element De	finitions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Ma System	anagement
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	-	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De		1	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Det	finitions for Transpo	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Roadsid Plazas/Gantries	e Equipment/Toll	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De		1	NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Roadsid Plazas/Gantries	e Equipment/Toll	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De			NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Roadsid Plazas/Gantries	e Equipment/Toll	Destination:	INDOT Maintenance and Construction M System	anagement
	AASHTO/ITE/NEMA	NTCIP Center-to-	-Field Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object De	finitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Det	finitions for Transpo	rtation Sensor Systems (TSS)	NTCIP 1209

Source:	INDOT-Northwest District Arter	ial TMC	Destination:	Indiana Gateway	
	Roadside Equipment AASHTO/ITE/NEMA	NTCIP Center-to-Fie	ld Standarde Gro	quin	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		ap	NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1209
	AJIII0/IIL/NLWA	Data Element Dennit	tions for Transpo.	Tation Sensor Systems (155)	Wien 1207
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT Maintenance and Construction Manage System	ment
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Gro	oup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definit	tions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Gro	oup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definit	tions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Roadside Equipmen	ıt	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Gro	pup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	tions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definit	tions for Transpor	rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Roadside Equipmen	ıt	Destination:	Local Maintenance and Construction Managem	ent System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fie	eld Standards Gro	pup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Defini			NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Doadsida Equipmon	+	Destination:	Local TMCs	
Source.	Local TMCs Roadside Equipmen AASHTO/ITE/NEMA				(See Table 0)
	AASHTO/ITE/NEMA AASHTO/ITE/NEMA	NTCIP Center-to-Fie Global Object Definit		http	(See Table 9) NTCIP 1201
	AASHTO/ITE/NEMA	•		rtation Sensor Systems (TSS)	NTCIP 1201 NTCIP 1209
	AA51110/11E/NEWA	Data Element Definit	tions for Transpo.	Tation Sensor Systems (155)	NTCH 1209
Flow: ta	ag data				
Source:	Commercial Vehicles		Destination:	Commercial Vehicle Weigh Stations	
	ASTM	Dedicated Short Rang Group	ge Communicatio	on at 915 MHz Standards	(See Table 9)
Source:	Commercial Vehicles		Destination:	Local TMCs Inspection Facilities	
	ASTM	Dedicated Short Rang Group	ge Communicatio	on at 915 MHz Standards	(See Table 9)
Flow: ta	ax filing				
Source:	Fleet and Freight Management S	ystem	Destination:	Indiana Gateway	
	ANSI	Electronic Filing of T	Гах Return Data		ANSI TS813
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	ANSI	Electronic Filing of T	Fax Return Data		ANSI TS813
Flow: to	oll archive data				
Source:	Indiana Gateway		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards G	roup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Metadata to Sup	-	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	nter Standards G	roup	(See Table 9)
	ASTM			port Archived Data	ASTM E2468-05

		Management Systems			
Source:	Indiana Toll Road Operations Cen	• •	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA ASTM	NTCIP Center-to-Center Standard Practice for M Management Systems		up	(See Table 9) ASTM E2468-05
Flow: to	oll coordination				
Source:	Indiana Gateway AASHTO/ITE/NEMA	NTCIP Center-to-Cent	Destination: er Standards Gro	Indiana Toll Road Operations Center	(See Table 9)
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
	oll data				
Source:	Indiana Gateway		Destination:	Fleet and Freight Management System	
_	AASHTO/ITE/NEMA	NTCIP Center-to-Center			(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
C.	AASHTO/ITE/NEMA	NTCIP Center-to-Center		*	(See Table 9)
Source:	Indiana Toll Road Operations Cer		Destination:	Indiana Gateway	(S T-11- 0)
c	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		•	(See Table 9)
Source:	Private Information Service Provi		Destination:	Indiana Gateway	(C T-11- 0)
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Flow: to	oll data request				
Source:	Fleet and Freight Management Sy		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro		(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
Source:	AASHTO/ITE/NEMA	NTCIP Center-to-Center		up Indiana Gateway	(See Table 9)
source.	Private Information Service Provi AASHTO/ITE/NEMA	NTCIP Center-to-Cent	Destination: er Standards Gro	•	(See Table 9)
		Wien center-to-cent	er Standards 010	սի	(See Table ))
	oll transactions		~		
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries AASHTO/ITE/NEMA	pment/Toll NTCIP Center-to-Cent	Destination:	Indiana Toll Road Operations Center	(See Table 9)
	_	NTCH Center-to-Cento	er Standards 010	սի	(See Table 9)
	rack status		~		
Source:	Amtrak Railroad Wayside Equip		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	IEEE 1570 2002
	IEEE	Standard for the Interfa Highway Subsystem at	a Highway Rail	Intersection	IEEE 1570-2002
Source:	Amtrak Railroad Wayside Equip		Destination:	Local TMCs Roadside Equipment	JEEE 1570 2002
	IEEE	Standard for the Interfa Highway Subsystem at			IEEE 1570-2002
Source:	Freight Rail Wayside Equipment		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		Rail Subsystem and the	IEEE 1570-2002
Source:	Freight Rail Wayside Equipment		Destination:	Local TMCs Roadside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		-	IEEE 1570-2002
Source:	NICTD Railroad Wayside Equipt		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	IEEE	Standard for the Interfa Highway Subsystem at		-	IEEE 1570-2002
Source:	NICTD Railroad Wayside Equipt	nent Standard for the Interfa	Destination: ace Between the I	Local TMCs Roadside Equipment Rail Subsystem and the	IEEE 1570-2002

#### *Flow:* traffic archive data

Source:	Borman TMC	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266
Source:	Indiana Gateway	Destination: Archived Data Management System	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266
Source:	Indiana Gateway	Destination: Northwest Indiana Archive	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
Source:	Indiana Gateway	Destination: Northwest Indiana Archive	
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266
Source:	Indiana Toll Road Operations	Center Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266
Source:	INDOT-Northwest District Ar	terial TMC Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266
Source:	Local TMCs	Destination: Indiana Gateway	
	AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9
	ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E246
	ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM E266

Highway Subsystem at a Highway Rail Intersection

#### Source: ECT Agency Management

Destination: Indiana Gateway

	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: tr	affic control priority status		5.0.1
Source:	Indiana Gateway	Destination: ECT Agency Management	
Sourcei	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	INDOT-Northwest District Arte	rial TMC Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)

	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Local TMCs	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001
Flow: ti	raffic flow		3.0.4
Source:	Borman TMC Roadside Equipm	ent Destination: Borman Hoosier Helpers	
Source:	Borman TMC Roadside Equipm		
Source.	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1201
	AASIIIO/IIL/NLMA	Data Element Definitions for Transportation Sensor Systems (155)	NTCH 1207
Source:	Borman TMC Roadside Equipm	ent Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
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Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Gateway	Destination: Local TMCs	
sourcei	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1201
		Data Element Definitions for Transportation Sensor Systems (155)	ivien 120)
Source:	Indiana Toll Road Roadside Equ Plazas/Gantries	ipment/Toll Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Roadside Equ Plazas/Gantries	ipment/Toll Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209

Source:	INDOT-Northwest District Ar Roadside Equipment	terial TMC	Destination: Borma	an TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element D	finitions for Transportation Se	ensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Ar Roadside Equipment	terial TMC	Destination: Indian	a Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
Source:	INDOT-Northwest District Ar	terial TMC	Destination: Indian	a Gateway	
	Roadside Equipment				
	AASHTO/ITE/NEMA	Global Object D			NTCIP 1201
	AASHTO/ITE/NEMA	Data Element D	finitions for Transportation Se	ensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Ar Roadside Equipment	terial TMC	Destination: INDO	T-Northwest District Arterial TM	С
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element D	finitions for Transportation Se	ensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Roadside Equipn	nent	Destination: Indiana	a Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element D	finitions for Transportation Se	ensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs Roadside Equipn	nent	Destination: Local	TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element D	finitions for Transportation Se	ensor Systems (TSS)	NTCIP 1209
w: tr	affic images				
Source:	Borman TMC Roadside Equip	oment	Destination: Borma	an Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitio Control	s for Closed Circuit Televisio	n (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA		as for Closed Circuit Televisio	n (CCTV)	NTCIP 1208
ource:	Borman TMC Roadside Equip	oment	Destination: Borma	an TMC	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitio Control	s for Closed Circuit Televisio	n (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA		as for Closed Circuit Televisio	n (CCTV)	NTCIP 1208
Source:	Borman TMC Roadside Equip	oment	Destination: Indiana	a Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D	efinitions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitio Control	ns for Closed Circuit Television	n (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA		as for Closed Circuit Televisio	n (CCTV)	NTCIP 1208
Source:	Indiana Gateway		Destination: Borma	an Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-te	-Field Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object D			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitio Control	ns for Closed Circuit Television	n (CCTV) Camera	NTCIP 1205

	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Borman TMC	
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Control Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: INDOT Maintenance and Construction Manager System	nent
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Control Object Definitions for Closed Circuit Television (CCTV)	NTCIP 1208
_		Switching	_
Source:	Indiana Gateway	Destination: Local Maintenance and Construction Manageme	nt System
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera Control	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Maintenance and Construction Managem	ent
	AASHTO/ITE/NEMA	System NTCIP Center-to-Field Standards Group	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Camera	NTCIP 1205
		Control	
	AASHTO/ITE/NEMA	Object Definitions for Closed Circuit Television (CCTV) Switching	NTCIP 1208
Source:	Indiana Toll Road Roadsi Plazas/Gantries	de Equipment/Toll <i>Destination:</i> Indiana Gateway	

	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel		bup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit	Television (CCTV)	NTCIP 1208
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit	Television (CCTV)	NTCIP 1208
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	INDOT Maintenance and Construction Manage System	ement
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Control Object Definitions for	Closed Circuit	Television (CCTV)	NTCIP 1208
		Switching			
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Control Object Definitions for	Closed Circuit	Television (CCTV)	NTCIP 1208
_		Switching			
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	oup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit	Television (CCTV)	NTCIP 1208
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT Maintenance and Construction Manage System	ement
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	oup	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit	Television (CCTV)	NTCIP 1208
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	ld Standards Gro	up	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit	Television (CCTV) Camera	NTCIP 1205
Source:	INDOT-Northwest District Arter Roadside Equipment	ial TMC	Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit	Television (CCTV)	NTCIP 1208
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	y Alliance	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards G	roup	(See Table 9)

Source:	Local TMCs Roadside Equipmen	t	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Celevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Selevision (CCTV)	NTCIP 1208
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local Maintenance and Construction Management	nt System
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Celevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Television (CCTV)	NTCIP 1208
Source:	Local TMCs Roadside Equipmen	t	Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		NTCIP 1201	
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Celevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Television (CCTV)	NTCIP 1208
Source:	Private Information Service Provi	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Flow: t	raffic information for media				
Source:	Indiana Gateway		Destination:	Media	
	AASHTO/ITE	for External Traffic M	•	TMDD) and Message Sets er Communications	ITE TMDD
	AASHTO/ITE/NEMA	(MS/ETMCC) NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
Flow: t	raffic metering control				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	1p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		•	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		ntrol (RMC) Units	NTCIP 1207
Source:	Borman TMC	-	Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit		*F	NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for		ntrol (RMC) Units	NTCIP 1207
Source:	Indiana Toll Road Operations Cer	·	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit			NTCIP 1201
Source:	Indiana Toll Road Operations Cer	•	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	Object Definitions for	Ramp Meter Co	ntrol (RMC) Units	NTCIP 1207
Flow: t	raffic metering status				
Source:	Borman TMC Roadside Equipme	ent	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Ramp Meter Co	ntrol (RMC) Units	NTCIP 1207
Source:	Borman TMC Roadside Equipme	ent	Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Fiel	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definit	ions		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for	Ramp Meter Co	ntrol (RMC) Units	NTCIP 1207

Source:	Indiana Toll Road Roadside Equip Plazas/Gantries	pment/Toll	Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for l	Ramp Meter Con	trol (RMC) Units	NTCIP 1207
Flow: t	raffic sensor control				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transporta	ation Sensor Systems (TSS)	NTCIP 1209
Source:	Borman TMC		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transport	ation Sensor Systems (TSS)	NTCIP 1209
Source:	Borman TMC		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	;
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transport	ation Sensor Systems (TSS)	NTCIP 1209
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transport	ation Sensor Systems (TSS)	NTCIP 1209
Source:	INDOT-Northwest District Arteri	al TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	;
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group		(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transport	ation Sensor Systems (TSS)	NTCIP 1209
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou	p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	Data Element Definitio	ons for Transport	ation Sensor Systems (TSS)	NTCIP 1209
Flow: th	raffic violation notification				
Source:	Borman Hoosier Helpers		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Borman TMC		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	מוו	(See Table 9)
Source:			Destination:	Indiana State Police District 13	(
source.	Borman TMC Roadside Equipme				(C., T.1.) ()
	AASHTO/ITE/NEMA	NTCIP Center-to-Field		•	(See Table 9)
Source:	Indiana Toll Road Operations Cer		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Toll Road Roadside Equip Plazas/Gantries		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Grou	p	(See Table 9)
Source:	INDOT-Northwest District Arteri	al TMC	Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)

Source:	INDOT-Northwest District Arteri Roadside Equipment AASHTO/ITE/NEMA	al TMC NTCIP Center-to-Fie	Destination:	Indiana State Police District 13	(See Table 9)
Source:		Wien center-to-rie.	Destination:	Indiana State Police District 13	(See Table ))
source.	Local TMCs AASHTO/ITE/NEMA	NTCIP Center-to-Cer			(See Table 9)
a					(See Table 9)
Source:	Local TMCs Roadside Equipment		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Id Standards Gro	up	(See Table 9)
Flow: ti	ransit and fare schedules				
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
	ransit archive data		Destado	In line Colorest	3.0.4
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA ASTM	NTCIP Center-to-Cer Standard Practice for Management Systems	Metadata to Sup		(See Table 9) ASTM E2468-05
Source:	GPTC Agency Management	initial genient by sterin	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	**	port Archived Data	ASTM E2468-05
Source:	Indiana Gateway		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems		port Archived Data	ASTM E2468-05
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer			(See Table 9)
	ASTM	Standard Practice for		port Archived Data	ASTM E2468-05
Flow: ti	ransit emergency data	Management Systems	8		
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grou	p	(See Table 9)
Source:	GPTC Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	·	(See Table 9)
	IEEE	Incident Management		•	(See Table 9)

Source:	Indiana Gateway		Destination:	Emergency Medical Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grouj	)	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grouj	)	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grouj	)	(See Table 9)
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	IEEE	Incident Management	t Standards Grouj	)	(See Table 9)
Flow: t	ransit fare and passenger stat	tus			
Source:	GPTC Kiosks		Destination:	GPTC Agency Management	
Source.	APTA	Standard for Transit (			APTA TCIP-S-001
	· · · · · · · · · · · · · · · · · · ·	Standard for Transit C	communications	interface i fornes	3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Gateway	Standards Group	Destination:	GPTC Agency Management	
Source.	АРТА	Standard for Transit (			APTA TCIP-S-001
			communications		3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Toll Road Kiosks	<u>ı</u>	Destination:	Indiana Gateway	
	АРТА	Standard for Transit G	Communications	-	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	INDOT-Northwest District Arteri	al TMC Kiosks	Destination:	Indiana Gateway	
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Local TMCs Kiosks		Destination:	Indiana Gateway	
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	NICTD Kiosks		Destination:	Indiana Gateway	

	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	NICTD Kiosks	Destination: NICTD Agency Management	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Flow: th	cansit fare information		
Source:	ECT Agency Management	Destination: Indiana Gateway	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	GPTC Agency Management	Destination: GPTC Kiosks	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	GPTC Agency Management	Destination: Indiana Gateway	
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: GPTC Kiosks	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	3.0.4 (See Table 9)
Source:	Indiana Gateway	Destination: Indiana Toll Road Kiosks	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: INDOT-Northwest District Arterial TMC Kiosks	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Local TMCs Kiosks	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: NICTD Kiosks	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: Indiana Gateway	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: NICTD Kiosks	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001

	SAE	Advanced Traveler Inf Standards Group	formation Systen	ns (ATIS) General Use	3.0.4 (See Table 9)
Flow: tr	ansit incident information				
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow: tr	ansit incidents for media				
Source:	ECT Agency Management		Destination:	Media	
Source:	ECT Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	NICTD Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow: tr	ansit information for media				
Source:	ECT Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	NICTD Agency Management		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Flow: tr	ansit information request				
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation Systen	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		1	(See Table 9)
G	SAE	Advanced Traveler Inf Standards Group	2	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	NTCID Conton to Con	Destination:	NICTD Agency Management	$(\mathbf{C}_{1}, \mathbf{T}_{2}, \mathbf{h}_{1}, 0)$
	AASHTO/ITE/NEMA SAE	NTCIP Center-to-Cent Advanced Traveler Inf		ns (ATIS) General Use	(See Table 9) (See Table 9)
		Standards Group	ionnation bysten		(500 14010 ))
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent		•	(See Table 9)
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: tr	ansit information user reque	*			
Source:	GPTC Kiosks		Destination:	GPTC Agency Management	
	АРТА	Standard for Transit C	ommunications I	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Inf Standards Group	formation System	ns (ATIS) General Use	(See Table 9)

Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	ECT Agency Management	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
	SAE	Advanced Traveler In Standards Group	nformation Syster	ms (ATIS) General Use	3.0.4 (See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
Source:	Indiana Gateway		Destination:	GPTC Agency Management	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Toll Road Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC Kiosks	Destination:	Indiana Gateway	
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	Local TMCs Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Kiosks		Destination:	NICTD Agency Management	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Source:	Personal Travel Information Acc	ess	Destination:	Indiana Gateway	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation System	ms (ATIS) General Use	(See Table 9)
Flow: tr	ansit multimodal informatio	on			
Source:	GPTC Agency Management		Destination:	Gary-Chicago Airport	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gi	roup	(See Table 9)
	АРТА	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management		Destination:	Gary-Chicago Airport	

	AASHTO/ITE/NEMA APTA	NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Table 9) APTA TCIP-S-001 3.0.4
Flow: th	ransit request confirmation		
Source:	ECT Agency Management	Destination: Indiana Gateway	
Source:	ECT Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	Indiana Gateway	Destination: Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Source:	NICTD Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
Flow: to	ransit schedule information		
Source:	ECT Agency Management	Destination: ECT Transit Vehicles	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	ECT Agency Management	Destination: Indiana Gateway	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination: GPTC Transit Vehicles	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management	Destination: Indiana Gateway	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management	Destination: NICTD Rail Transit Vehicles	
	APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: ti	ransit service coordination		
Source:	ECT Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
_	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA APTA	NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Table 9) APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001

					3.0.4
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: th	ansit service information				
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	y Alliance	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		x ·	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Lake Michigan Interstate Gateway Alliance (LM) Website	(GA)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer		*	(See Table 9)
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: th	ansit system data				
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	GPTC Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cer	nter Standards Gr	oup	(See Table 9)
Flow: ti	ansit traveler information				
Source:	ECT Agency Management		Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	APTA	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001
Source:	ECT Agency Management		Destination:	Indiana Gateway	3.0.4
	SAE	Advanced Traveler In Standards Group	nformation Syster	ns (ATIS) General Use	(See Table 9)
Source:	GPTC Agency Management	· · · <b>r</b>	Destination:	GPTC Kiosks	
	АРТА	Standard for Transit G	Communications	Interface Profiles	APTA TCIP-S-001

	SAE	Advanced Traveler In	formation Syster	ns (ATIS) General Use	3.0.4 (See Table 9)
~		Standards Group	·		
Source:	GPTC Agency Management APTA	Standard for Transit C	Destination:	GPTC Transit Vehicles	APTA TCIP-S-001
					3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	GPTC Agency Management		Destination:	Indiana Gateway	
	АРТА	Standard for Transit C	ommunications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	GPTC Kiosks	
	АРТА	Standard for Transit C	communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Kiosks	
	АРТА	Standard for Transit C	communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC Kios	
	АРТА	Standard for Transit C	communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs Kiosks	
	АРТА	Standard for Transit C	communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway	Stendend for Trensit C	Destination:	NICTD Kiosks	
	APTA	Standard for Transit C	ommunications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Agency Management		Destination:	Indiana Gateway	
	АРТА	Standard for Transit C	ommunications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Agency Management		Destination:	NICTD Kiosks	
	APTA	Standard for Transit C	communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Agency Management		Destination:	NICTD Rail Transit Vehicles	
Source:	NICTD Agency Management	Standard for Transit C	Destination:	NICTD Rail Transit Vehicles	APTA TCIP-S-001
					3.0.4
	SAE	Advanced Traveler Int Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: ti	ransit traveler information of	coordination			
Source:	ECT Agency Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA APTA	NTCIP Center-to-Cen Standard for Transit C		*	(See Table 9) APTA TCIP-S-001
		Standard for Transit C	ommunications	incruce i fornes	1017 ICH-3-001

			3.0.4
Source:	GPTC Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: ECT Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Agency Management	Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Table 9)
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: ti	ansit traveler request		
Source:	ECT Transit Vehicles	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Transit Vehicles	Destination: GPTC Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: GPTC Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	Indiana Gateway	Destination: NICTD Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles	Destination: NICTD Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: th	ansit vehicle conditions		
Source:	ECT Transit Vehicles	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Transit Vehicles	Destination: GPTC Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles	Destination: NICTD Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.4
Flow: th	ansit vehicle loading data		
Source:	ECT Transit Vehicles	Destination: ECT Agency Management	
	АРТА	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001

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3.0.4

Source:	GPTC Transit Vehicles		Destination:	GPTC Agency Management	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles		Destination:	NICTD Agency Management	
		Standard for Transit C	ommunications I	nterface Profiles	APTA TCIP-S-001 3.0.4
	ansit vehicle location data				
Source:	ECT Transit Vehicles	Stee dead fear Treasit C	Destination:	ECT Agency Management	
	АРТА	Standard for Transit C	ommunications in	nterrace Promes	APTA TCIP-S-001 3.0.4
Source:	GPTC Transit Vehicles		Destination:	GPTC Agency Management	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles		Destination:	NICTD Agency Management	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Flow: tr	ansit vehicle operator inform	ation			
Source:	ECT Agency Management		Destination:	ECT Transit Vehicles	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001
Source:	CDTC A concer Mono comont		Destination	GPTC Transit Vehicles	3.0.4
source:	GPTC Agency Management APTA	Standard for Transit C	Destination:		APTA TCIP-S-001
					3.0.4
Source:	NICTD Agency Management		Destination:	NICTD Rail Transit Vehicles	
	APTA	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Flow: tr	ansit vehicle schedule perfor	mance			
Source:	ECT Transit Vehicles		Destination:	ECT Agency Management	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Source:	GPTC Transit Vehicles		Destination:	GPTC Agency Management	
	АРТА	Standard for Transit C	ommunications In	nterface Profiles	APTA TCIP-S-001 3.0.4
Source:	NICTD Rail Transit Vehicles		Destination:	NICTD Agency Management	
Source:	NICTD Rail Transit Vehicles	Standard for Transit C	Destination:	NICTD Agency Management	APTA TCIP-S-001
		building for Transit C			3.0.4
Flow: tr	avel service information				
Source:	Kiosks, Yellow Pages, and Other Support	Remote Traveler	Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen		1	(See Table 9)
	SAE	Advanced Traveler Int Standards Group	formation System	s (ATIS) General Use	(See Table 9)
Flow: tr	avel service information requ	ıest			
Source:	Private Information Service Provid	ders	Destination:	Kiosks, Yellow Pages, and Other Remote Traveler Support	
		NTCIP Center-to-Cen		*	(See Table 9)
	SAE	Advanced Traveler Int Standards Group	formation System	s (A115) General Use	(See Table 9)
Flow: tr	avel service reservation requ	est			
Source:	Private Information Service Provi	ders	Destination:	Kiosks, Yellow Pages, and Other Remote Traveler	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	Support up	(See Table 9)

#### Flow: travel service reservations Source: Destination: Private Information Service Providers Kiosks, Yellow Pages, and Other Remote Traveler Support AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9) Flow: travel services information Source: Destination: GPTC Kiosks Indiana Gateway (See Table 9) SAE Advanced Traveler Information Systems (ATIS) General Use Standards Group Destination. Indiana Toll Road Kiosks Source Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Destination: INDOT-Northwest District Arterial TMC Kiosks Source: Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Destination: Local TMCs Kiosks Source: Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group NICTD Kiosks Source: Indiana Gateway Destination: SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source: Private Information Service Providers Destination: Personal Travel Information Access SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source: Private Information Service Providers Destination: Vehicle ITS Equipment SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Flow: travel services request Source: GPTC Kiosks Destination: Indiana Gateway GPTC Kiosks Destination: Indiana Gateway Source: SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source: Indiana Toll Road Kiosks Destination: Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source: INDOT-Northwest District Arterial TMC Kiosks Destination: Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Destination: Source: Local TMCs Kiosks Indiana Gateway SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Destination: Indiana Gateway Source: NICTD Kiosks SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Source Personal Travel Information Access Destination: Private Information Service Providers SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group Private Information Service Providers Source: Vehicle ITS Equipment Destination: SAE Advanced Traveler Information Systems (ATIS) General Use (See Table 9) Standards Group traveler archive data Flow: Source: Indiana Gateway Destination: Archived Data Management System AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group (See Table 9)

# Table 11 ASTM Standard Practice for Metadata to Support Archived Data ASTM Standard Practice for Metadata to Support Archived Data SAE Advanced Traveler Information Systems (ATIS) General Use Standards Group Source: Indiana Gateway Destination: Northwest Indiana Archive AASHTO/ITE/NEMA NTCIP Center-to-Center Standards Group ASTM Standard Practice for Metadata to Support Archived Data Management Systems SAE Advanced Traveler Information Systems (ATIS) General Use

	7.0114	Management Systems		on menived Data	ABTM E2400 05
	SAE	0 1		ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for I Management Systems	11	port Archived Data	ASTM E2468-05
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: t	raveler information for media	a			
Source:	Indiana Gateway		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gro	oup	(See Table 9)
	SAE	Advanced Traveler Int Standards Group	formation Systen	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Provi	iders	Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cen	ter Standards Gr	oup	(See Table 9)
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Flow: t	raveler profile				
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Int Standards Group	formation Systen	ns (ATIS) General Use	(See Table 9)
Source:	Personal Travel Information Acce	ess	Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation Systen	ns (ATIS) General Use	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Int Standards Group	formation Systen	ns (ATIS) General Use	(See Table 9)
Flow: t	raveler request				
Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	CAE	A data a sed Transition Inter	C		$(\mathbf{C}_{1}, \mathbf{T}_{2}, \mathbf{h})$

ASTM E2468-05

(See Table 9)

(See Table 9)

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Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Toll Road Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	INDOT-Northwest District Arter	ial TMC Kiosks	Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation System	is (ATIS) General Use	(See Table 9)
Source:	Local TMCs Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)
Source:	NICTD Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation System	ns (ATIS) General Use	(See Table 9)

Source:	Personal Travel Information Acc	ess	Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Flow: t	rip confirmation				
Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	АРТА	Standard for Transit			APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Indiana Toll Road Kiosks		Destination:	Indiana Gateway	
	АРТА	Standard for Transit			APTA TCIP-S-001 3.0.4
Source:	SAE INDOT-Northwest District Arter	Standards Group	Destination:	ns (ATIS) General Use Indiana Gateway	(See Table 9)
source.	INDOT-NOTUIWest District After	Iai TWIC KIOSKS	Destinution.	Indiana Gateway	
	АРТА	Standard for Transit	t Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Local TMCs Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit	t Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Standards Group	Information Syster	ms (ATIS) General Use	(See Table 9)
Source:	NICTD Kiosks		Destination:	Indiana Gateway	
	APTA	Standard for Transit			APTA TCIP-S-001 3.0.4
	SAE	Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Personal Travel Information Acc		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)
Flow: t	rip log				
Source:	Commercial Vehicles		Destination:	Fleet and Freight Management System	
	ASTM	Dedicated Short Ra Group	nge Communicatio	on at 915 MHz Standards	(See Table 9)
Flow: t	rip log request				
Source:	Fleet and Freight Management S	ystem	Destination:	Commercial Vehicles	
	ASTM	Dedicated Short Ra Group	nge Communicatio	on at 915 MHz Standards	(See Table 9)
Flow: t	rip plan				
Source:	Indiana Gateway		Destination:	GPTC Kiosks	
	APTA	Standard for Transit	t Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler Standards Group	Information System	ms (ATIS) General Use	(See Table 9)

Source:	Indiana Gateway		Destination:	Indiana Toll Road Kiosks	
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC Kiosks	
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs Kiosks	
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Kiosks	
Source:	Indiana Gateway		Destination:	NICTD Kiosks	
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Personal Travel Information Access	
	APTA	Standard for Transit C	Communications	Interface Profiles	APTA TCIP-S-001 3.0.4
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Lake Michigan Interstate Gatewa (LMIGA) Website	y Alliance	Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	iders	Destination:	Personal Travel Information Access	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Private Information Service Prov	-	Destination:	Vehicle ITS Equipment	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: t	rip request	x			
Source:	GPTC Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Indiana Toll Road Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	INDOT-Northwest District Arter	-	Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Local TMCs Kiosks	*	Destination:	Indiana Gateway	
	SAE	Advanced Traveler In Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)

Source:	NICTD Kiosks		Destination:	Indiana Gateway	
	SAE	Advanced Traveler Int Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Personal Travel Information Acce	ess	Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Int Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Source:	Vehicle ITS Equipment		Destination:	Private Information Service Providers	
	SAE	Advanced Traveler Int Standards Group	formation Syster	ns (ATIS) General Use	(See Table 9)
Flow: v	ehicle payment information				
Source:	Vehicle ITS Equipment		Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	ASTM	Group		n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Group		n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
	IEEE	Standard for Wireless Over- the-Air Data Ex Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
Source:	Vehicle ITS Equipment		Destination:	Parking Management	
	ASTM	Dedicated Short Rang Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
	IEEE	Standard for Wireless Over- the-Air Data Ex Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
Flow: <b>v</b>	ehicle payment request				
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	pment/Toll	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Rang Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
	IEEE	Standard for Wireless Over- the-Air Data Ex Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
Source:	Parking Management		Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Rang Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Rang Group	e Communicatio	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message	Sets for Vehicle	/Roadside Communications	IEEE 1455-1999
	IEEE	Standard for Wireless Over- the-Air Data Ex Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
	ehicle payment update				
Source	Indiana Toll Dood Doodsida Equi	nmont/Toll	Destination	Vehicle ITS Equipment	

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	IEEE	Standard for Wireless A Over- the-Air Data Exe Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
Source:	Parking Management		Destination:	Vehicle ITS Equipment	
Source:	Parking Management		Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
	IEEE	Standard for Wireless A Over- the-Air Data Exe Transportation System	change Protocol	ular Environments (WAVE) - for Intelligent	IEEE P1609.11
Flow: <b>v</b>	ehicle signage data				
Source:	Borman TMC Roadside Equipme	ent	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	-	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	Dedicated Short Range Group	e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	INDOT Maintenance and Constru	action Vehicles	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE		e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
	SAE	Dedicated Short Range Dictionary	e Communication	ns (DSRC) Message Set	SAE J2735
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	Vehicle ITS Equipment	
	ASTM	-	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE	-	e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	Group Standard for Message S	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Local Maintenance and Construct	tion Vehicles	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE		e Communication	n at 5.9 GHz Standards	(See Table 9)
	IEEE	*	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
	SAE	Dedicated Short Range Dictionary	e Communication	ns (DSRC) Message Set	SAE J2735
Source:	Local TMCs Roadside Equipmen	t	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communication	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE		e Communication	n at 5.9 GHz Standards	(See Table 9)

Source:	Local TMCs Roadside Equipment	t	Destination:	Vehicle ITS Equipment	
	IEEE	Standard for Message	Sets for Vehicle/	Roadside Communications	IEEE 1455-1999
Source:	Private Maintenance and Construct	ction Vehicles	Destination:	Vehicle ITS Equipment	
	ASTM	Dedicated Short Range Group	e Communicatio	n at 915 MHz Standards	(See Table 9)
	ASTM/IEEE/SAE		e Communicatio	n at 5.9 GHz Standards	(See Table 9)
	IEEE		Sets for Vehicle	Roadside Communications	IEEE 1455-1999
	SAE	Dedicated Short Range Dictionary	e Communicatio	ns (DSRC) Message Set	SAE J2735
Flow: v	ideo surveillance control				
Source:	Borman Hoosier Helpers		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Television (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Television (CCTV)	NTCIP 1208
Source:	Borman TMC		Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	1p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition		•	NTCIP 1201
	AASHTO/ITE/NEMA	•		Selevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Television (CCTV)	NTCIP 1208
Source:	Borman TMC		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	* *	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Felevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Celevision (CCTV)	NTCIP 1208
Source:	Indiana Toll Road Operations Cer	nter	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	l Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	Celevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Television (CCTV)	NTCIP 1208
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	1p	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definition	ons	•	NTCIP 1201
	AASHTO/ITE/NEMA	•		Felevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	Felevision (CCTV)	NTCIP 1208
Source:	INDOT Maintenance and Constru Management System	iction	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou		(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	· · · · · ·
	AASHTO/ITE/NEMA	Global Object Definition	ons		NTCIP 1201
	AASHTO/ITE/NEMA	•		Celevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for	Closed Circuit T	Celevision (CCTV)	NTCIP 1208

		Switching			
Source:	INDOT-Northwest District Arter	ial TMC	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	2
	AASHTO/ITE/NEMA	NTCIP Center-to-Field		ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definiti			NTCIP 1201
	AASHTO/ITE/NEMA	Control		elevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	elevision (CCTV)	NTCIP 1208
Source:	Local Maintenance and Construct System	tion Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	IP	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definiti	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Object Definitions for Control	Closed Circuit T	elevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	elevision (CCTV)	NTCIP 1208
Source:	Local TMCs		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	d Standards Grou	ıp	(See Table 9)
	AASHTO/ITE/NEMA	Global Object Definiti	ons		NTCIP 1201
	AASHTO/ITE/NEMA	Control		elevision (CCTV) Camera	NTCIP 1205
	AASHTO/ITE/NEMA	Object Definitions for Switching	Closed Circuit T	elevision (CCTV)	NTCIP 1208
Flow: w	eather archive data				
Source:	Weather Services		Destination:	Archived Data Management System	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Metadata to Supp	ort Archived Data	ASTM E2468-05
Source:	Weather Services		Destination:	Northwest Indiana Archive	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
	ASTM	Standard Practice for Management Systems	Metadata to Supp	ort Archived Data	ASTM E2468-05
Flow: w	eather information				
Source:	Weather Services		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	*	(See Table 9)
Source:	Weather Services		Destination:	Borman TMC	(,
source.	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source:		Wien center to cent	Destination:	ECT Agency Management	(bee Table ))
source.	Weather Services AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
a		NTCIF Center-to-Cent		x	(See Table 9)
Source:	Weather Services		Destination:	Emergency Medical Services	( <b>7 7</b> 11 0)
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source:	Weather Services		Destination:	GPTC Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source:	Weather Services		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	ter Standards Gro	•	(See Table 9)

Source:	Weather Services		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Weather Services		Destination:	Private Maintenance and Construction Managemen System	ıt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Flow: w	videarea statistical pollution	information			
Source:	Borman TMC		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Emissions Management		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Borman TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce			(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
	vork plan coordination				
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Manageme System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	•	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemen System	ıt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	5	(See Table 9)
Source:	INDOT Maintenance and Constr Management System	ruction	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Local Maintenance and Construc System	ction Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)
Source:	Local Maintenance and Construc System	ction Management	Destination:	Private Maintenance and Construction Managemen System	ıt
	AASHTO/ITE/NEMA	NTCIP Center-to-Ce	enter Standards Gro	oup	(See Table 9)

Source:	Private Maintenance and Constru Management System	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	Group	(See Table 9)
Flow: w	vork plan feedback			
Source:	Borman Hoosier Helpers	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Borman TMC	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	ECT Agency Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Emergency Medical Services	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Freight Rail Operators	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	GPTC Agency Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Indiana Gateway	Destination:	INDOT Maintenance and Construction Managem System	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	•	(See Table 9)
Source:	Indiana Gateway	Destination:	Local Maintenance and Construction Managemen	t System
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	Group	(See Table 9)
Source:	Indiana Gateway	Destination:	Private Maintenance and Construction Manageme	ent
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	System Group	(See Table 9)
Source:	Indiana State Police District 13	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Indiana State Police District 21 (	Toll Road) Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	iroup	(See Table 9)
Source:	Indiana Toll Road Operations Ce	nter Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	-	(See Table 9)
Source:	INDOT-Northwest District Arter		Indiana Gateway	( <b>6 7</b> 1 1 0)
_	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	A.	(See Table 9)
Source:	Local Emergency Services	Destination:	Indiana Gateway	
~	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G		(See Table 9)
Source:	Local TMCs	Destination:	Indiana Gateway	
_	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	*	(See Table 9)
Source:	NICTD Agency Management	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	rroup	(See Table 9)
	vork zone information			
Source:	Indiana Gateway	Destination:	Borman Hoosier Helpers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G		(See Table 9)
Source:	Indiana Gateway	Destination:	Borman TMC	
-	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	•	(See Table 9)
Source:	Indiana Gateway	Destination:	ECT Agency Management	(a <b>m</b> 11 a)
	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G		(See Table 9)
Source:	Indiana Gateway	Destination:	Emergency Medical Services	(a
-	AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards G	•	(See Table 9)
Source:	Indiana Gateway	Destination:	GPTC Agency Management	

	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 13	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana State Police District 21 (Toll Road)	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Indiana Toll Road Operations Center	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	*	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Managemer	ıt
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	System	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT-Northwest District Arterial TMC	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Emergency Services	
	AASHTO/ITE/NEMA	NTCIP Center-to-Cent			(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
					- )
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Local TMCs	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Media	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	NICTD Agency Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Information Service Providers	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemen System	
_	AASHTO/ITE/NEMA	NTCIP Center-to-Center		1	(See Table 9)
Source:	INDOT Maintenance and Constru Management System		Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center		1	(See Table 9)
Source:	Local Maintenance and Construct System	-	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Source:	Private Maintenance and Construct Management System	etion	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Center	er Standards Gro	up	(See Table 9)
Flow: w	ork zone warning device con	trol			
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	Borman TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	0	(See Table 9)
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	Indiana Toll Road Roadside Equipment/Toll Plazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	0	(See Table 9)
Source:	INDOT Maintenance and Constru Management System	ction	Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	2	(See Table 9)
Source:	Local Maintenance and Construct System	ion Management	Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	2	(See Table 9)
Source:	Private Maintenance and Construct	etion	Destination:	Indiana Toll Road Roadside Equipment/Toll	

	Management System			Piazas/Gantries	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Private Maintenance and Construct Management System		Destination:	INDOT-Northwest District Arterial TMC Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Private Maintenance and Construct Management System		Destination:	Local TMCs Roadside Equipment	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Flow: w	ork zone warning notificatio	n			
Source:	Borman TMC Roadside Equipme		Destination:	INDOT Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group			(See Table 9)
Source:	Borman TMC Roadside Equipme		Destination:	Private Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group			(See Table 9)
Source:	Indiana Toll Road Roadside Equip Plazas/Gantries	-	Destination:	INDOT Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group			(See Table 9)
Source:	Indiana Toll Road Roadside Equi Plazas/Gantries	•	Destination:	Private Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group	Communication	at 5.9 GHz Standards	(See Table 9)
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	INDOT Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group	Communication	at 5.9 GHz Standards	(See Table 9)
Source:	INDOT-Northwest District Arteri Roadside Equipment	al TMC	Destination:	Private Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group			(See Table 9)
Source:	Local TMCs Roadside Equipmen		Destination:	Local Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group			(See Table 9)
Source:	Local TMCs Roadside Equipmen		Destination:	Private Maintenance and Construction Vehicles	
	ASTM/IEEE/SAE	Dedicated Short Range Group	Communication	at 5.9 GHz Standards	(See Table 9)
Flow: <b>w</b>	ork zone warning status				
Source:	Borman TMC Roadside Equipme	nt	Destination:	INDOT Maintenance and Construction Management System	nt
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	•	(See Table 9)
Source:	Borman TMC Roadside Equipme	nt	Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Indiana Gateway		Destination:	INDOT Maintenance and Construction Management	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Indiana Gateway		Destination:	Local Maintenance and Construction Management	System
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Indiana Gateway		Destination:	Private Maintenance and Construction Managemen System	t
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)
Source:	Indiana Toll Road Roadside Equip Plazas/Gantries	-	Destination:	Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field	Standards Group	p	(See Table 9)

Source:	INDOT-Northwest District Arteri	al TMC Destination: Indiana Gateway	
	Roadside Equipment		
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)
Source:	Local TMCs Roadside Equipmen	t Destination: Indiana Gateway	
	AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Table 9)