

NORTHERN VIRGINIA ITS ARCHITECTURE STANDARDS LIST BY INFORMATION FLOW

Version 1.0

Prepared for:



Prepared by:



November 17, 2009

Northern Virginia ITS Architecture Standards List

The following report was generated directly from the Northern Virginia ITS Architecture Version 3.0 Turbo Architecture Database. The report lists each information flow in the architecture including the source and destination elements and identifies the ITS standards that apply to that particular information flow. The list is sorted alphabetically by information flow title.

Relevant Standards Activities

11/17/2009 4:44:01PM



Standards for Northern Virginia ITS Architecture



NOTE: The ITS standards list has been customized or a standards group has been modified. 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: air quality information		
Source: MWCOG TPB Database AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: alarm acknowledge		
Source: Fredericksburg Regional Transit System APTA	Destination: FRED Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Source: NRO Local Transit Centers APTA	Destination: NRO Local Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Source: WMATA Transit Police (MTPD) Control Center APTA	Destination: WMATA Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: alarm notification		
Source: FRED Transit Vehicles APTA	Destination: Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Source: NRO Local Transit Vehicles APTA	Destination: NRO Local Transit Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Source: WMATA Transit Vehicles APTA	Destination: WMATA Transit Police (MTPD) Control Center Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: alert notification		
Source: CapWIN AASHTO/ITE/NEMA	Destination: National Capital Region 511 NTCIP Center-to-Center Standards Group	(See Footnote)
Source: CapWIN AASHTO/ITE/NEMA	Destination: NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: alert notification coordination

<i>Source:</i> CapWIN AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> CapWIN	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> CapWIN NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: alert status

<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> WAWAS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> CapWIN NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> WAWAS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Public Affairs AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Public Affairs AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: alerts and advisories

<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT TEOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> MWA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WAWAS AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: archive coordination		
<i>Source:</i> Northern Virginia Transportation Commission (NVTC) AASHTO/ITE/NEMA	<i>Destination:</i> VDOT ADMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA	<i>Destination:</i> Research and Data Collection Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Research and Data Collection Centers AASHTO/ITE/NEMA	<i>Destination:</i> Regional Transit Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Research and Data Collection Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT ADMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT ADMS AASHTO/ITE/NEMA	<i>Destination:</i> Northern Virginia Transportation Commission (NVTC) NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT ADMS AASHTO/ITE/NEMA	<i>Destination:</i> Research and Data Collection Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Regional Transit Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: archive requests		
<i>Source:</i> Research and Data Collection Centers AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC 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 Footnote)
<i>Source:</i> RITIS AASHTO/ITE	<i>Destination:</i> NRO Local TOCs 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 Footnote)
<i>Source:</i> RITIS AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center 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 Footnote)
<i>Source:</i> VDOT ADMS AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center 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 Footnote)
<i>Source:</i> VDOT ITD AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE	<i>Destination:</i> RITIS 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Asset Management System NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> National Weather Service NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: archive status		
<i>Source:</i> Research and Data Collection Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT ADMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Asset Management System	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Asset Management System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> National Weather Service	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: archived data product requests		
<i>Source:</i> HOT Operations Center	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Research and Data Collection Centers	
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 Footnote)
Flow: archived data products		
<i>Source:</i> Regional Transit Clearinghouse	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> Research and Data Collection Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> RITIS	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> RITIS	<i>Destination:</i> HOT 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
Flow: barrier system control		
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> NRO Local Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
Flow: barrier system status		
<i>Source:</i> NRO Local Field Equipment	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Footnote)
Flow: broadcast traveler information		
<i>Source:</i> HOT Corporate Web Site	<i>Destination:</i> Personal Traveler Information Devices	
SAE	Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> Travel Information Displays	
SAE	Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC- TOC DMS	
SAE	Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Travel Information Displays	
SAE	Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: current asset restrictions		
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> Private Sector ISP Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT NOVA CSC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency archive data		
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA ASTM IEEE	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems Incident Management Standards Group	(See Footnote) ASTM E2468-05 (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE/NEMA ASTM IEEE	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems Incident Management Standards Group	(See Footnote) ASTM E2468-05 (See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA ASTM IEEE	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems Incident Management Standards Group	(See Footnote) ASTM E2468-05 (See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA ASTM	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> RITIS	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT ADMS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Research and Data Collection Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT ITD	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
IEEE	Incident Management Standards Group	(See Footnote)
Flow: emergency plan coordination		
<i>Source:</i> CapWIN	<i>Destination:</i> MATOC Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> MATOC Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> Federal Installations and Law Enforcement	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: Federal Installations and Law Enforcement NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Federal Installations and Law Enforcement AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: HOT Remote Workstation NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center	Destination: WMATA Transit Police (MTPD) Control Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Public Safety Mobile Centers (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Center - MPSTOC (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Mobile Unified Command Center (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> CapWIN (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> DDOT CapTOP (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> MDSHA CHART SOC (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local TOCs (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Transit Centers (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> RITIS (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> WMATA Operations Centers (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> MATOC Center (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO MPSTOC - TOC (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> HOT Operations Center (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fredericksburg Regional Transit System (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Public Safety Mobile Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Transit Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers		<i>Destination:</i> VDOT NRO MPSTOC - TOC

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	Destination: WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local TOCs AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local TOCs AASHTO/ITE/NEMA	Destination: MATOC Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local TOCs AASHTO/ITE/NEMA	Destination: NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Transit Centers AASHTO/ITE/NEMA	Destination: MATOC Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Transit Centers AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Transit Centers AASHTO/ITE/NEMA	Destination: NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
Source: RITIS AASHTO/ITE/NEMA	Destination: MATOC Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT Arlington SSP Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT Arlington SSP Vehicles AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	Destination: DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	Destination: MWA Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: DDOT CapTOP NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: MATOC Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: MDSHA CHART SOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: VDOT Arlington SSP Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: VDOT Richmond TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: VDOT Staunton TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Richmond TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Staunton TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> MATOC Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency route request		
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency routes		
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Incident Response/Safety Service Patrol NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency traffic control information		
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Incident Management Standards Group	(See Footnote) NTCIP 1201 NTCIP 1211 (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Incident Management Standards Group	(See Footnote) NTCIP 1201 NTCIP 1211 (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Incident Management Standards Group	(See Footnote) NTCIP 1201 NTCIP 1211 (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group Global Object Definitions	(See Footnote) NTCIP 1201

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> MWAA 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT Richmond TOC <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT Staunton TOC <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VSP Mobile Unified Command Center <i>Destination:</i> WMATA Transit Police (MTPD) Control Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
Flow: emergency traffic control request		
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC <i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> MWAA Center <i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MWAA Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
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 Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 Footnote)

Flow: emergency transit schedule information

<i>Source:</i> MWAA Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency transit service request		
<i>Source:</i> CapWIN AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emergency transit service response		
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> CapWIN NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: emissions archive data		
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT ITD NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
Flow: environmental conditions data		

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> National Weather Service NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE	<i>Destination:</i> National Weather Service 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 Footnote)
Flow: environmental sensor data		
<i>Source:</i> HOT Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT ESS Weather Platform AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
Flow: environmental sensors control		
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Field Equipment	
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
Flow: equipment maintenance status		
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT NOVA CSC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: evacuation coordination		
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	Destination: WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Federal Installations and Law Enforcement AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: HOT Operations Center AASHTO/ITE/NEMA	Destination: HOT Remote Workstation NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Maryland Local Public Safety Centers AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Maryland Local Public Safety Centers AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Maryland Local Public Safety Centers AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: Maryland Local Public Safety Centers AASHTO/ITE/NEMA	Destination: VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: MWAA Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: MWAA Center AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: National Park Service Center - VA AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: Federal Installations and Law Enforcement NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: NRO Local Public Safety Centers	Destination: VDOT NRO MPSTOC - TOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local Public Safety Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Arlington SSP Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: evacuation information		
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Public Affairs NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Public Affairs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Richmond TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Staunton TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT TEOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: event confirmation

<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Special Event Promoters NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: event information

<i>Source:</i> Special Event Promoters	<i>Destination:</i> VDOT VaTraffic
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Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Special Event Promoters	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Special Event Promoters	<i>Destination:</i> Virginia Statewide 511	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: event information request		
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Special Event Promoters	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Virginia Statewide 511	<i>Destination:</i> Special Event Promoters	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: event plans		
<i>Source:</i> Special Event Promoters	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
Flow: external reports		
<i>Source:</i> Media Outlets	<i>Destination:</i> VDOT NOVA CSC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Media Outlets	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
Flow: fare and price information		
<i>Source:</i> RITIS	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: fare collection data		
<i>Source:</i> FRED Transit Vehicles	<i>Destination:</i> Fredericksburg Regional Transit System	
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: field equipment status		
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> VDOT NRO Operations Maintenance	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> VDOT NOVA CSC	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO IMMS	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
Flow: freeway control data		
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Ramp Meter Control (RMC) Units	NTCIP 1207

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC -TOC Detection		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Ramp Meter Control (RMC) Units	NTCIP 1207
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Flow: freeway control status		
<i>Source:</i> HOT Field Equipment		
<i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Ramp Meter Control (RMC) Units	NTCIP 1207
<i>Source:</i> MWAA Center Field Equipment		
<i>Destination:</i> MWAA Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Ramp Meter Control (RMC) Units	NTCIP 1207
<i>Source:</i> VDOT NRO MPSTOC -TOC Detection		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Ramp Meter Control (RMC) Units	NTCIP 1207
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Flow: hov data		
<i>Source:</i> HOT Field Equipment		
<i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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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Flow: hri control data		
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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Flow: hri request		
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
<hr/>		
Flow: hri status		
<i>Source:</i> NRO Local Field Equipment		
<i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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Flow: incident command information coordination		
<i>Source:</i> DC Homeland Security and Emergency Centers		
<i>Destination:</i> NRO Local Public Safety Mobile Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> DC Homeland Security and Emergency Centers IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Arlington SSP Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: incident information

<i>Source:</i> CapWIN	<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN	<i>Destination:</i> National Capital Region 511	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN	<i>Destination:</i> NRO Local Transit Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> CapWIN	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN	<i>Destination:</i> RITIS	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> RITIS	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway	<i>Destination:</i> NRO Local Public Safety Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> MWAA Center	
AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> VSP Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Federal Installations and Law Enforcement	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Federal Installations and Law Enforcement	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Corporate Web Site	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Incident Response/Safety Service Patrol	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Remote Workstation	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> MWA 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> RITIS	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> IEN (Information Exchange Network)	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> NRO Local Public Safety Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> CapWIN	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MATOC Center IEEE	<i>Destination:</i> MDSHA CHART SOC Incident Management Standards Group	(See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE	<i>Destination:</i> NRO Local TOCs Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE	<i>Destination:</i> NRO Local Transit Centers Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE	<i>Destination:</i> RITIS Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MATOC Center AASHTO/ITE	<i>Destination:</i> WMATA Operations Centers Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE	<i>Destination:</i> MATOC Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE	<i>Destination:</i> RITIS Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> Dulles Toll Road	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MWAA Center	<i>Destination:</i> Dulles 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> National Park Service Centers - DC - MD	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Maryland Woodrow Wilson Bridge 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Mobile Centers		
<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs		
<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs		
<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs		
<i>Destination:</i> NRO Local Transit Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs		
<i>Destination:</i> RITIS		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers		
<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers		
<i>Destination:</i> MWAA 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers		
<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies		
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NOVA District Maintenance	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> CapWIN	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> RITIS	<i>Destination:</i> National Capital Region 511	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT TEOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Construction Management IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE	<i>Destination:</i> VDOT VaTraffic Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE	<i>Destination:</i> VDOT VaTraffic Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> Federal Installations and Law Enforcement Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> HOT Operations Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> NRO Local Public Safety Centers Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> RITIS Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> VDOT Public Affairs Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD
AASHTO/ITE/NEMA IEEE	NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center <i>Destination:</i> VDOT VaTraffic		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> DC Homeland Security and Emergency Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> DDOT CapTOP		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> Federal Installations and Law Enforcement		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> IEN (Information Exchange Network)		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> Maryland Woodrow Wilson Bridge 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> MATOC Center		

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> MDSHA CHART SOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> NRO Local Public Safety Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> NRO Local Public Safety Mobile Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> RITIS		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT Arlington SSP 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT Public Affairs		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT Richmond TOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT Staunton TOC		
AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT TEOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Virginia Statewide 511	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VSP Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VSP Mobile Unified Command 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT TEOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Travel Information Displays	
AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Travel Information Displays	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Dulles 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> MWAA 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Maryland Local Public Safety Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> MATOC 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> RITIS	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VSP Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VDOT TEOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> Virginia Statewide 511	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Mobile Unified Command 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> WMATA Operations Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Transit Police (MTPD) Control Center		
<i>Destination:</i> WMATA Operations Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
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Flow: incident information for media		
<i>Source:</i> NRO Local Public Safety Centers		
<i>Destination:</i> Media Outlets		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS		
<i>Destination:</i> Media Outlets		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC		
<i>Destination:</i> Media Outlets		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> Media Outlets		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
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Flow: incident report		
<i>Source:</i> CapWIN		
<i>Destination:</i> Maryland Local Public Safety Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN		
<i>Destination:</i> VDOT Arlington SSP Vehicles		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN		
<i>Destination:</i> VSP Center - MPSTOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway		
<i>Destination:</i> VSP Center - MPSTOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC		
<i>Destination:</i> Maryland Local Public Safety Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC		
<i>Destination:</i> NRO Local Public Safety Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: incident response coordination

<i>Source:</i> CapWIN	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> CapWIN	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Dulles Greenway AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Federal Installations and Law Enforcement NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Incident Response/Safety Service Patrol	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Remote Workstation	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MDSHA CHART SOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> National Park Service Centers - DC - MD	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Federal Installations and Law Enforcement	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> CapWIN	
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> MDSHA CHART SOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> National Park Service Center - VA	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Arlington SSP Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Mobile Unified Command Center IEEE	<i>Destination:</i> DC Homeland Security and Emergency Centers Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT Arlington SSP Vehicles NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Flow: incident response status

<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group Incident Management Standards Group	ITE TMDD (See Footnote) (See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE AASHTO/ITE/NEMA IEEE	<i>Destination:</i> MWAA Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group Incident Management Standards Group	ITE TMDD (See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE AASHTO/ITE/NEMA IEEE	<i>Destination:</i> HOT Operations Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group Incident Management Standards Group	ITE TMDD (See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Transit Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Federal Installations and Law Enforcement	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> MWAA 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> Dulles 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> National Park Service Centers - DC - MD	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Maryland Woodrow Wilson Bridge 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT NOVA District Construction Management	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT NOVA District Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT Operations Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> CapWIN	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Maryland Woodrow Wilson Bridge 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> WMATA Operations Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Dulles 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> MWAA 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Operations Centers	
AASHTO/ITE	Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC)	ITE TMDD

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Center - MPSTOC <i>Destination:</i> WMATA Operations Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center <i>Destination:</i> VDOT NRO MPSTOC - TOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center <i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center <i>Destination:</i> HOT 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center <i>Destination:</i> VDOT TEOC		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center <i>Destination:</i> VSP Mobile Unified Command 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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center <i>Destination:</i> WMATA Operations Centers		
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 Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: infrastructure monitoring sensor control

<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center <i>Destination:</i> Woodrow Wilson Drawbridge		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)

Flow: infrastructure monitoring sensor data

<i>Source:</i> Woodrow Wilson Drawbridge <i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Flow: interactive traveler information		
<i>Source:</i> HOT Corporate Web Site SAE	<i>Destination:</i> Personal Traveler Information Devices Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: intersection blockage notification		
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group	(See Footnote)
Flow: ISP coordination		
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA SAE	<i>Destination:</i> National Capital Region 511 NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> National Capital Region 511 AASHTO/ITE/NEMA SAE	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> National Capital Region 511 AASHTO/ITE/NEMA SAE	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> National Capital Region 511 AASHTO/ITE/NEMA SAE	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA SAE	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Private Sector ISP Centers SAE	<i>Destination:</i> VDOT NRO MPSTOC - TOC Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA SAE	<i>Destination:</i> National Capital Region 511 NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA SAE	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA SAE	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA SAE	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA SAE	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA SAE	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA SAE	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA SAE	<i>Destination:</i> Virginia Statewide Travel Time Clearinghouse NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA SAE	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA SAE	<i>Destination:</i> Virginia Statewide Travel Time Clearinghouse NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Virginia Statewide 511 AASHTO/ITE/NEMA	<i>Destination:</i> National Capital Region 511 NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Virginia Statewide 511 SAE	<i>Destination:</i> National Capital Region 511 Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)

Flow: local signal priority request

<i>Source:</i> NRO Local Transit Vehicles AASHTO/ITE/NEMA AASHTO/ITE/NEMA APTA ASTM ASTM/IEEE/SAE	<i>Destination:</i> NRO Local Field Equipment Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Standard for Transit Communications Interface Profiles Dedicated Short Range Communication at 915 MHz Standards Group Dedicated Short Range Communication at 5.9 GHz Standards Group	NTCIP 1201 NTCIP 1211 APTA TCIP-S-001 3.0.0 (See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Vehicles AASHTO/ITE/NEMA AASHTO/ITE/NEMA APTA ASTM ASTM/IEEE/SAE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Standard for Transit Communications Interface Profiles Dedicated Short Range Communication at 915 MHz Standards Group Dedicated Short Range Communication at 5.9 GHz Standards Group	NTCIP 1201 NTCIP 1211 APTA TCIP-S-001 3.0.0 (See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Vehicles AASHTO/ITE/NEMA AASHTO/ITE/NEMA APTA ASTM ASTM/IEEE/SAE	<i>Destination:</i> NRO Local Field Equipment Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Standard for Transit Communications Interface Profiles Dedicated Short Range Communication at 915 MHz Standards Group Dedicated Short Range Communication at 5.9 GHz Standards Group	NTCIP 1201 NTCIP 1211 APTA TCIP-S-001 3.0.0 (See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Vehicles AASHTO/ITE/NEMA AASHTO/ITE/NEMA APTA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment Global Object Definitions Object Definitions for Signal Control and Prioritization (SCP) Standard for Transit Communications Interface Profiles	NTCIP 1201 NTCIP 1211 APTA TCIP-S-001 3.0.0

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Transit Vehicles	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
ASTM/IEEE/SAE	Dedicated Short Range Communication at 5.9 GHz Standards Group	(See Footnote)
Flow: maint and constr administrative information		
<i>Source:</i> VDOT Asset Management System	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS	<i>Destination:</i> VDOT NOVA District Construction Management	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: maint and constr archive data		
<i>Source:</i> VDOT Asset Management System	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO IMMS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
Flow: maint and constr resource coordination		
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NOVA District Construction Management	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NOVA District Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NRO Operations Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> National Park Service Center - VA	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT NRO IMMS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance	<i>Destination:</i> National Park Service Center - VA	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: maint and constr resource request

<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Flow: maint and constr resource response

<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA IEEE	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Construction Management IEEE	<i>Destination:</i> VDOT NOVA CSC Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Flow: maint and constr work plans

<i>Source:</i> VDOT Asset Management System AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Freight Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT NOVA CSC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	Destination: VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	Destination: VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance	Destination: VDOT NOVA CSC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: multimodal crossing status		
<i>Source:</i> Freight Rail Operations AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Woodrow Wilson Drawbridge AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Field Standards Group	(See Footnote)
Flow: multimodal information		
<i>Source:</i> Passenger Rail Operations AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: multimodal information request		
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: multimodal service data		
<i>Source:</i> Passenger Rail Operations AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: on-board safety data		
<i>Source:</i> Private Commercial Vehicles ASTM	<i>Destination:</i> Virginia DMV Motor Carrier Service Centers Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
IEEE	Standard for Message Sets for Vehicle/Roadside Communications	IEEE 1455-1999
Flow: on-board safety request		
<i>Source:</i> Virginia DMV Motor Carrier Service Centers ASTM	<i>Destination:</i> Private Commercial Vehicles Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
IEEE	Standard for Message Sets for Vehicle/Roadside Communications	IEEE 1455-1999
Flow: pass/pull-in		
<i>Source:</i> Virginia DMV Motor Carrier Service Centers ASTM	<i>Destination:</i> Private Commercial Vehicles Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
IEEE	Standard for Message Sets for Vehicle/Roadside Communications	IEEE 1455-1999
Flow: personal transit information		
<i>Source:</i> WMATA Operations Centers APTA	<i>Destination:</i> WMATA In-Station Displays and Kiosks Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: qualified environmental conditions data		
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	<i>Destination:</i> VDOT TEOC NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: rail incident response status		
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: rail system status assessment		
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: railroad advisories		
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: railroad schedules		
<i>Source:</i> Freight Rail Operations AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: remote surveillance control		

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
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 Footnote)
<i>Source:</i> NRO Local Public Safety Centers		
<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center		
<i>Destination:</i> VSP Mobile Unified Command 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 Footnote)
Flow: request for right-of-way		
<i>Source:</i> NRO Local Field Equipment		
<i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
<i>Destination:</i> VDOT NRO TFO		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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	Object Definitions for Signal Control and Prioritization (SCP)	NTCIP 1211
Flow: request for vehicle measures		
<i>Source:</i> Fredericksburg Regional Transit System		
<i>Destination:</i> FRED Transit Vehicles		
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Transit Centers APTA	<i>Destination:</i> NRO Local Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: request transit information		
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: resource coordination		
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Dulles Greenway AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Remote Workstation	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> National Park Service Centers - DC - MD	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Arlington SSP Vehicles	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Federal Installations and Law Enforcement	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Dulles Greenway	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> DC Homeland Security and Emergency Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> NRO Local Public Safety Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> VDOT Arlington SSP Vehicles	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: resource deployment status

<i>Source:</i> Dulles Toll Road	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> Dulles Toll Road	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NOVA CSC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NOVA CSC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VDOT TEOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
Flow: resource request		
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Federal Installations and Law Enforcement	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> Dulles Toll Road	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> MWAA Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC IEEE	<i>Destination:</i> VDOT Richmond TOC Incident Management Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT Staunton TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT Richmond TOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT Staunton TOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT TEOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VDOT TEOC NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA IEEE	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group Incident Management Standards Group	(See Footnote) (See Footnote)
<hr/>		
Flow: reversible lane control		
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Flow: reversible lane status		
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Flow: road network conditions		
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> MWAA 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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Corporate Web Site	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Remote Workstation	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> IEN (Information Exchange Network)	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> MWAA 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 Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Virginia Statewide 511	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> NRO Local Public Safety Centers	
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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> Virginia Statewide 511	
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MATOC Center	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> MATOC Center	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
<i>Source:</i> MDSHA CHART SOC	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> MDSHA CHART SOC	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> RITIS	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MATOC Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> RITIS	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> MWAA 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local Public Safety Centers	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NOVA CSC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO IMMS	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT Public Affairs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> MATOC 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Media Outlets	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local Public Safety Centers	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Public Affairs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Virginia Statewide 511	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Virginia Statewide Travel Time Clearinghouse	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VSP Center - MPSTOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> WMATA Operations Centers	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Virginia Statewide Travel Time Clearinghouse	
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 Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Maryland Local Public Safety Centers	
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 Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control 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 Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> MATOC 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 Footnote)

Flow: road network environmental probe data

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Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> National Weather Service NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: road network status assessment		
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> Maryland Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: road network traffic probe data		
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: road weather information		
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT NOVA District Maintenance	
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 Footnote)
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT NRO Operations Maintenance	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT ESS Weather Platform	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> Freight Rail Operations	
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 Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
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 Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT NOVA CSC	
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 Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> National Weather Service	
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 Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> Travel Information Displays	
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 Footnote)
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT NOVA CSC	
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 Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NOVA District Maintenance	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance	<i>Destination:</i> NRO Local Transit Centers	
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 Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance	<i>Destination:</i> VDOT NOVA CSC	
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 Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> National Weather Service	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NOVA CSC	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> Private Sector ISP Centers	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
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 Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NOVA District Construction 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO Operations Maintenance	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
Flow: roadside archive data		
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field	<i>Destination:</i> VDOT NRO TFO	
Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
Flow: roadway information system data		
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> Woodrow Wilson Drawbridge Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> MWAA Center	<i>Destination:</i> MWAA Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203

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Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> NRO Local Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NOVA District Construction Management	<i>Destination:</i> Travel Information Displays	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC- TOC DMS	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
Flow: roadway information system status		
<i>Source:</i> HOT Field Equipment	<i>Destination:</i> HOT Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> MWAA Center Field Equipment	<i>Destination:</i> MWAA Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> NRO Local Field Equipment	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> Travel Information Displays	<i>Destination:</i> VDOT NOVA District Construction Management	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> Travel Information Displays	<i>Destination:</i> VDOT VaTraffic	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NOVA District Field Equipment	<i>Destination:</i> VDOT NRO Operations Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance Object Definitions for Dynamic Message Signs (DMS)	NTCIP 1203
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Field Standards Group Global Object Definitions Object Definitions for Dynamic Message Signs (DMS)	(See Footnote) NTCIP 1201 NTCIP 1203
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Field Standards Group Global Object Definitions Object Definitions for Dynamic Message Signs (DMS)	(See Footnote) NTCIP 1201 NTCIP 1203
<i>Source:</i> VDOT NRO MPSTOC- TOC DMS AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group Global Object Definitions Object Definitions for Dynamic Message Signs (DMS)	(See Footnote) NTCIP 1201 NTCIP 1203
<i>Source:</i> Woodrow Wilson Drawbridge Field Equipment AASHTO/ITE/NEMA AASHTO/ITE/NEMA AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Field Standards Group Global Object Definitions Object Definitions for Dynamic Message Signs (DMS)	(See Footnote) NTCIP 1201 NTCIP 1203

Flow: roadway maintenance status

<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: roadway treatment system control		
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
Flow: roadway treatment system status		
<i>Source:</i> VDOT NOVA District Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Environmental Sensor Stations (ESS)	NTCIP 1204
Flow: safety inspection record		
<i>Source:</i> Private Commercial Vehicles	<i>Destination:</i> Virginia DMV Motor Carrier Service Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Private Commercial Vehicles	<i>Destination:</i> Virginia DMV Motor Carrier Service Centers	
ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
<i>Source:</i> Virginia DMV Motor Carrier Service Centers	<i>Destination:</i> Private Commercial Vehicles	
ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
Flow: safety inspection request		
<i>Source:</i> Virginia DMV Motor Carrier Service Centers	<i>Destination:</i> Private Commercial Vehicles	
ASTM	Dedicated Short Range Communication at 915 MHz Standards Group	(See Footnote)
Flow: secure area surveillance control		
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> Woodrow Wilson Drawbridge	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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: secure area surveillance data		
<i>Source:</i> Woodrow Wilson Drawbridge	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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: signal control data		
<i>Source:</i> MWAA Center	<i>Destination:</i> MWAA Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> NRO Local Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
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
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC -TOC Detection		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO TFO		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
Flow: signal control status		
<i>Source:</i> MWAA Center Field Equipment		
<i>Destination:</i> MWAA Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> NRO Local Field Equipment		
<i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
<i>Destination:</i> VDOT NRO TFO		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field <i>Destination:</i> VDOT NRO TFO		
Equipment		
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
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field <i>Destination:</i> VDOT NRO MPSTOC - TOC		
Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC -TOC Detection <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
Flow: speed monitoring control		
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center <i>Destination:</i> Woodrow Wilson Drawbridge Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Flow: speed monitoring information		
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field <i>Destination:</i> VDOT NRO MPSTOC - TOC		
Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> Woodrow Wilson Drawbridge Field Equipment <i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Flow: threat information		
<i>Source:</i> HOT Operations Center <i>Destination:</i> HOT Remote Workstation		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers <i>Destination:</i> VSP Mobile Unified Command Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: threat information coordination

<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> DC Homeland Security and Emergency Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Mobile Unified Command Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> MWA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> DC Homeland Security and Emergency Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: threat support data

<i>Source:</i> VDOT TEOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
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Flow: toll advisories

<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)

Flow: toll archive data

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA ASTM	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
Flow: toll coordination		
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll data		
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> IEN (Information Exchange Network) NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll data request		
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll instructions		
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center	<i>Destination:</i> Dulles Toll Road	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll probe data		
<i>Source:</i> Dulles Greenway AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE	<i>Destination:</i> MWAA Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE	<i>Destination:</i> VDOT VaTraffic Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE	<i>Destination:</i> MWAA Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE	<i>Destination:</i> RITIS Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	ITE TMDD (See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC Traffic Management Data Dictionary (TMDD) and Message Sets for External Traffic Management Center Communications (MS/ETMCC) NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center	<i>Destination:</i> HOT Operations Center	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE	<i>Destination:</i> HOT Operations Center 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 Footnote)
Flow: toll service change request		
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll service change response		
<i>Source:</i> Dulles Greenway AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Greenway AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Smart-Tag EZ-Pass Customer Service Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: toll transactions		
<i>Source:</i> Dulles Greenway AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Smart-Tag EZ-Pass Customer Service Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Dulles Toll Road AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Smart-Tag EZ-Pass Customer Service Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT Smart-Tag EZ-Pass Customer Service Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Smart-Tag EZ-Pass Customer Service Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: traffic archive data		
<i>Source:</i> HOT Operations Center AASHTO/ITE	<i>Destination:</i> RITIS 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE	<i>Destination:</i> RITIS 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> NRO Local TOCs AASHTO/ITE	<i>Destination:</i> RITIS 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> RITIS AASHTO/ITE	<i>Destination:</i> VDOT NRO MPSTOC - TOC 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> RITIS 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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE	<i>Destination:</i> VDOT ADMS 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 Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center <i>Destination:</i> VDOT ADMS		
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - Signal Center <i>Destination:</i> VDOT NRO IMMS		
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> Research and Data Collection Centers		
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> RITIS		
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> VDOT ITD		
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 Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
ASTM	Standard Specifications for Archiving ITS-Generated Traffic Monitoring Data	ASTM WK7604
Flow: traffic control coordination		
<i>Source:</i> HOT Operations Center <i>Destination:</i> NRO Local TOCs		
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 Footnote)
<i>Source:</i> HOT Operations Center <i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> NRO Local TOCs <i>Destination:</i> HOT Operations Center		

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Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO TFO <i>Destination:</i> VDOT VaTraffic		
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 Footnote)
<i>Source:</i> VDOT Richmond TOC <i>Destination:</i> VDOT NRO MPSTOC - TOC		
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 Footnote)
<i>Source:</i> VDOT Staunton TOC <i>Destination:</i> VDOT NRO MPSTOC - TOC		
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 Footnote)
Flow: traffic control priority request		
<i>Source:</i> NRO Local Transit Centers <i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 3.0.0
<i>Source:</i> NRO Local Transit Centers <i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 3.0.0
Flow: traffic control priority status		
<i>Source:</i> NRO Local TOCs <i>Destination:</i> NRO Local Transit Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 3.0.0
<i>Source:</i> VDOT NRO MPSTOC - Signal Center <i>Destination:</i> NRO Local Transit Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
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 3.0.0
Flow: traffic flow		
<i>Source:</i> HOT Field Equipment <i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MWAA Center Field Equipment <i>Destination:</i> MWAA Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment <i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment <i>Destination:</i> VDOT NRO TFO		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC -TOC Detection <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Flow: traffic images		
<i>Source:</i> Dulles Toll Road <i>Destination:</i> MWAA Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Field Equipment <i>Destination:</i> HOT Operations Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> HOT Operations Center <i>Destination:</i> HOT Remote Workstation		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center <i>Destination:</i> RITIS		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center <i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center <i>Destination:</i> WMATA Transit Police (MTPD) Control Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MDSHA CHART SOC <i>Destination:</i> RITIS		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> MWAA Center Field Equipment <i>Destination:</i> MWAA Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> MWAA Center Field Equipment <i>Destination:</i> MWAA Center		
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
<i>Source:</i> NRO Local Field Equipment <i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> Private Sector ISP Centers <i>Destination:</i> VDOT VaTraffic		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment <i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment <i>Destination:</i> VDOT NRO TFO		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> VDOT NRO MPSTOC - Signal Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC <i>Destination:</i> VDOT NRO TFO		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC CCTV Cameras <i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT TEOC <i>Destination:</i> WMATA Transit Police (MTPD) Control Center		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses <i>Destination:</i> CapWIN		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses <i>Destination:</i> DC Homeland Security and Emergency Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> Federal Installations and Law Enforcement NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> MDSHA CHART SOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> MWAA Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Centers - DC - MD NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Video Clearinghouses AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Woodrow Wilson Drawbridge Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Field Standards Group	(See Footnote)
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: traffic information coordination*Source:* DDOT CapTOP*Destination:* RITIS

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> DDOT CapTOP	<i>Destination:</i> RITIS	
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 Footnote)
<i>Source:</i> Dulles Toll Road	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> Maryland Woodrow Wilson Bridge 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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> IEN (Information Exchange Network)	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> MDSHA CHART SOC	<i>Destination:</i> RITIS	
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 Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> National Park Service Centers - DC - MD	
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 Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> National Park Service Centers - DC - MD	<i>Destination:</i> National Park Service Center - VA	
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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> DDOT CapTOP	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Dulles 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> HOT 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> IEN (Information Exchange Network)	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> National Park Service Center - VA	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> NRO Local TOCs	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Richmond TOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT Staunton TOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT TEOC	
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 Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT TEOC	
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 Footnote)
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT VaTraffic	
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 Footnote)
<i>Source:</i> VDOT Richmond TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT Staunton TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT TEOC	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal 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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
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 Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
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 Footnote)
Flow: traffic probe data		
<i>Source:</i> NRO Local Field Equipment	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM) Devices	NTCIP 1206
<i>Source:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM) Devices	NTCIP 1206
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Object Definitions for Data Collection and Monitoring (DCM) Devices	NTCIP 1206
Flow: traffic sensor control		
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> MWAA Center	<i>Destination:</i> MWAA Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> NRO Local Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - Signal Center		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC -TOC Detection		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
<i>Source:</i> VDOT NRO TFO		
<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201
AASHTO/ITE/NEMA	Data Element Definitions for Transportation Sensor Systems (TSS)	NTCIP 1209
Flow: transit and fare schedules		
<i>Source:</i> Fredericksburg Regional Transit System		
<i>Destination:</i> Regional Transit Clearinghouse		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> NRO Local Transit Centers		
<i>Destination:</i> NRO Local TOCs		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> NRO Local Transit Centers		
<i>Destination:</i> Regional Transit Clearinghouse		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> NRO Local Transit Centers		
<i>Destination:</i> Travel Information Displays		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> Regional Transit Clearinghouse		
<i>Destination:</i> NRO Local Transit Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> WMATA Operations Centers		
<i>Destination:</i> NRO Local Transit Centers		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> WMATA Operations Centers		
<i>Destination:</i> RITIS		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> WMATA Operations Centers		
<i>Destination:</i> Travel Information Displays		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS
<i>Source:</i> WMATA Operations Centers		
<i>Destination:</i> VDOT NRO MPSTOC - TOC		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Google	Google Transit Feed Specification	[User Defined] GTFS

Flow: transit archive data

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fredericksburg Regional Transit System	<i>Destination:</i> Regional Transit Clearinghouse	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> Regional Transit Clearinghouse	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> Regional Transit Clearinghouse	<i>Destination:</i> WMATA Operations Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
ASTM	Standard Practice for Metadata to Support Archived Data Management Systems	ASTM E2468-05

Flow: transit emergency data

<i>Source:</i> Fredericksburg Regional Transit System	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> CapWIN	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
IEEE	Incident Management Standards Group	(See Footnote)

Flow: transit fare coordination

<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> WMATA Operations Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> Regional Transit Clearinghouse	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Regional Transit Clearinghouse APTA	<i>Destination:</i> Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA APTA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
Flow: transit incident information		
<i>Source:</i> Fredericksburg Regional Transit System AASHTO/ITE/NEMA	<i>Destination:</i> Regional Transit Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local TOCs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> Regional Transit Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit incidents for media		
<i>Source:</i> Fredericksburg Regional Transit System AASHTO/ITE/NEMA	<i>Destination:</i> Media Outlets NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit information request		
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA SAE	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA SAE	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> NRO Local Transit Centers	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Passenger Rail Operations	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: transit information user request		
<i>Source:</i> WMATA In-Station Displays and Kiosks	<i>Destination:</i> WMATA Operations Centers	
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: transit multimodal information		
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Passenger Rail Operations	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit request confirmation		
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit schedule adherence information		
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit schedule information		
<i>Source:</i> Fredericksburg Regional Transit System	<i>Destination:</i> FRED Transit Vehicles	
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> WMATA Transit Vehicles	
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit service coordination		
<i>Source:</i> Fredericksburg Regional Transit System	<i>Destination:</i> Passenger Rail Operations	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> WMATA Operations Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
APTA	Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> Passenger Rail Operations	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Passenger Rail Operations APTA	<i>Destination:</i> Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA APTA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
Flow: transit system data		
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit system status assessment		
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: transit traveler information		
<i>Source:</i> NRO Local Transit Centers APTA SAE	<i>Destination:</i> Travel Information Displays Standard for Transit Communications Interface Profiles Advanced Traveler Information Systems (ATIS) General Use Standards Group	APTA TCIP-S-001 3.0.0 (See Footnote)
<i>Source:</i> WMATA Operations Centers APTA SAE	<i>Destination:</i> WMATA In-Station Displays and Kiosks Standard for Transit Communications Interface Profiles Advanced Traveler Information Systems (ATIS) General Use Standards Group	APTA TCIP-S-001 3.0.0 (See Footnote)
Flow: transit traveler information coordination		
<i>Source:</i> Fredericksburg Regional Transit System AASHTO/ITE/NEMA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fredericksburg Regional Transit System APTA	<i>Destination:</i> Passenger Rail Operations Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> Passenger Rail Operations AASHTO/ITE/NEMA APTA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> Regional Transit Clearinghouse AASHTO/ITE/NEMA APTA	<i>Destination:</i> Fredericksburg Regional Transit System NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA APTA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group Standard for Transit Communications Interface Profiles	(See Footnote) APTA TCIP-S-001 3.0.0
Flow: transit vehicle conditions		
<i>Source:</i> FRED Transit Vehicles APTA	<i>Destination:</i> Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Vehicles APTA	<i>Destination:</i> NRO Local Transit Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit vehicle loading data		
<i>Source:</i> WMATA Transit Vehicles APTA	<i>Destination:</i> WMATA Operations Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit vehicle location data		
<i>Source:</i> FRED Transit Vehicles APTA	<i>Destination:</i> Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Vehicles APTA	<i>Destination:</i> NRO Local Transit Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Transit Vehicles APTA	<i>Destination:</i> WMATA Operations Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Transit Vehicles APTA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit vehicle operator information		

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> Fredericksburg Regional Transit System APTA	<i>Destination:</i> FRED Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Centers APTA	<i>Destination:</i> NRO Local Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Operations Centers APTA	<i>Destination:</i> WMATA Transit Vehicles Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transit vehicle schedule performance		
<i>Source:</i> FRED Transit Vehicles APTA	<i>Destination:</i> Fredericksburg Regional Transit System Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> NRO Local Transit Vehicles APTA	<i>Destination:</i> NRO Local Transit Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
<i>Source:</i> WMATA Transit Vehicles APTA	<i>Destination:</i> WMATA Operations Centers Standard for Transit Communications Interface Profiles	APTA TCIP-S-001 3.0.0
Flow: transportation information for operations		
<i>Source:</i> HOT Corporate Web Site AASHTO/ITE/NEMA SAE	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> IEN (Information Exchange Network) AASHTO/ITE/NEMA SAE	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MDSHA CHART SOC AASHTO/ITE/NEMA SAE	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA SAE	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA SAE	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA SAE	<i>Destination:</i> Regional Transit Clearinghouse NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> VDOT NOVA District Maintenance	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Transit Centers	<i>Destination:</i> VDOT NOVA District Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers	<i>Destination:</i> VDOT NOVA District Construction Management	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> DDOT CapTOP	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> RITIS	<i>Destination:</i> MDSHA CHART SOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Travel Information Displays	<i>Destination:</i> WMATA Operations Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA CSC	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT Public Affairs	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic	<i>Destination:</i> VDOT NRO TFO	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> Passenger Rail Operations	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NOVA District Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT NRO Operations Maintenance	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VDOT TEOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)

Flow: transportation system status

<i>Source:</i> CapWIN	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Public Safety Mobile Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> NRO Local Transit Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VSP Center - MPSTOC	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> VSP Mobile Unified Command Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Fairfax County Public Safety Communications Center - MPSTOC	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Corporate Web Site	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center	<i>Destination:</i> HOT Remote Workstation	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> HOT Remote Workstation (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Public Safety Mobile Centers (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Center - MPSTOC (See Footnote)
<i>Source:</i> Maryland Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Mobile Unified Command Center (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Dulles Toll Road (See Footnote)
<i>Source:</i> MWAA Center AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> HOT Operations Center (See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> National Park Service Centers - DC - MD (See Footnote)
<i>Source:</i> National Park Service Centers - DC - MD AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> National Park Service Center - VA (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fredericksburg Regional Transit System (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Public Safety Mobile Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Transit Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Center - MPSTOC (See Footnote)
<i>Source:</i> NRO Local Public Safety Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VSP Mobile Unified Command Center (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> Maryland Local Public Safety Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> NRO Local Public Safety Centers (See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies (See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local TOCs AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> CapWIN NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> DDOT CapTOP NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> MDSHA CHART SOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Public Affairs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Greenway NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Woodrow Wilson Bridge Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Public Affairs NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Richmond TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Staunton TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> WMATA Operations Centers	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Center - MPSTOC AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Transit Police (MTPD) Control Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> Maryland Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VSP Mobile Unified Command Center AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> Fairfax County Public Safety Communications Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center	<i>Destination:</i> Virginia Statewide 511	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide 511 NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Transit Police (MTPD) Control Center AASHTO/ITE/NEMA	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: traveler archive data		
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA ASTM	<i>Destination:</i> HOT Remote Workstation NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA ASTM	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> RITIS AASHTO/ITE/NEMA ASTM	<i>Destination:</i> WMATA Operations Centers NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA ASTM	<i>Destination:</i> VDOT ITD NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA ASTM	<i>Destination:</i> RITIS NTCIP Center-to-Center Standards Group Standard Practice for Metadata to Support Archived Data Management Systems	(See Footnote) ASTM E2468-05
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: traveler information for media		
<i>Source:</i> RITIS AASHTO/ITE/NEMA SAE	<i>Destination:</i> Media Outlets NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NOVA CSC AASHTO/ITE/NEMA SAE	<i>Destination:</i> Media Outlets NTCIP Center-to-Center Standards Group Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote) (See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> Media Outlets	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> Media Outlets		
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: traveler profile		
<i>Source:</i> Personal Traveler Information Devices		
<i>Destination:</i> HOT Corporate Web Site		
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: traveler request		
<i>Source:</i> Personal Traveler Information Devices		
<i>Destination:</i> HOT Corporate Web Site		
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
<i>Source:</i> Travel Information Displays		
<i>Destination:</i> NRO Local Transit Centers		
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: trip confirmation		
<i>Source:</i> Travel Information Displays		
<i>Destination:</i> NRO Local Transit Centers		
SAE	Advanced Traveler Information Systems (ATIS) General Use Standards Group	(See Footnote)
Flow: vehicle signage data		
<i>Source:</i> VDOT NRO MPSTOC - TOC		
<i>Destination:</i> VDOT NRO MPSTOC- TOC DMS		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
Flow: video surveillance control		
<i>Source:</i> HOT Operations Center		
<i>Destination:</i> HOT Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> Maryland Woodrow Wilson Bridge Operations Center		
<i>Destination:</i> Woodrow Wilson Drawbridge Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> MWAA Center		
<i>Destination:</i> MWAA Center Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> NRO Local TOCs		
<i>Destination:</i> NRO Local Field Equipment		
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
AASHTO/ITE/NEMA	Global Object Definitions	NTCIP 1201

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Lead SDO	Standard Name	Document ID
<i>Source:</i> NRO Local TOCs	<i>Destination:</i> NRO Local Field Equipment	
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
<i>Source:</i> VDOT NRO MPSTOC - Signal Center	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO MPSTOC - TOC	<i>Destination:</i> VDOT NRO MPSTOC - TOC CCTV Cameras	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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
<i>Source:</i> VDOT NRO TFO	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center Field Equipment	
AASHTO/ITE/NEMA	NTCIP Center-to-Field Standards Group	(See Footnote)
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: voice-based alert notification		
<i>Source:</i> RITIS	<i>Destination:</i> National Capital Region 511	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: voice-based traveler information		
<i>Source:</i> RITIS	<i>Destination:</i> National Capital Region 511	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: voice-based traveler request		
<i>Source:</i> National Capital Region 511	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: weather information		
<i>Source:</i> National Weather Service	<i>Destination:</i> Fredericksburg Regional Transit System	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service	<i>Destination:</i> NRO Local Public Safety Centers	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service	<i>Destination:</i> NRO Local TOCs	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service	<i>Destination:</i> RITIS	
AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Weather Service	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies	

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Lead SDO	Standard Name	Document ID
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies (See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO MPSTOC - TOC (See Footnote)
<i>Source:</i> National Weather Service AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO TFO (See Footnote)
Flow: work plan coordination		
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NOVA District Construction Management (See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NOVA District Maintenance (See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO Operations Maintenance (See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NOVA District Construction Management (See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NOVA District Maintenance (See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO Operations Maintenance (See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT NRO TFO (See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT VaTraffic (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> National Park Service Center - VA (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies (See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT VaTraffic (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> National Park Service Center - VA (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies (See Footnote)
<i>Source:</i> VDOT NOVA District Maintenance AASHTO/ITE/NEMA	NTCIP Center-to-Center Standards Group	<i>Destination:</i> VDOT VaTraffic (See Footnote)
<i>Source:</i> VDOT NRO IMMS		<i>Destination:</i> VDOT NRO MPSTOC - Signal Center

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO IMMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: work plan feedback		
<i>Source:</i> Freight Rail Operations AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> HOT Operations Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA	<i>Destination:</i> VDOT NOVA District Maintenance	

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Public Safety Mobile Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> NRO Local Transit Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT Fredericksburg District Maintenance and Construction Residencies NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> Private Sector ISP Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Freight Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT VaTraffic NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> WMATA Operations Centers AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: work zone information		
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> National Park Service Center - VA AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO Operations Maintenance NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Asset Management System AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Public Safety Mobile Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> NRO Local Transit Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Passenger Rail Operations NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT Fredericksburg District Maintenance and Construction Residencies AASHTO/ITE/NEMA	<i>Destination:</i> VDOT TEOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NOVA District Construction Management AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Construction Management AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NOVA District Maintenance AASHTO/ITE/NEMA	Destination: VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO IMMS AASHTO/ITE/NEMA	Destination: VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO IMMS AASHTO/ITE/NEMA	Destination: VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - Signal Center AASHTO/ITE/NEMA	Destination: VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: Dulles Toll Road NTCIP Center-to-Center Standards Group	(See Footnote)
Source: VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	Destination: Virginia Statewide Travel Time Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)

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Lead SDO	Standard Name	Document ID
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> HOT Operations Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> National Park Service Center - VA NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> Private Sector ISP Centers NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO Operations Maintenance AASHTO/ITE/NEMA	<i>Destination:</i> VSP Center - MPSTOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA CSC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO IMMS NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO TFO AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Travel Information Displays NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - Signal Center NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO TFO NTCIP Center-to-Center Standards Group	(See Footnote)
<i>Source:</i> VDOT VaTraffic AASHTO/ITE/NEMA	<i>Destination:</i> Virginia Statewide Travel Time Clearinghouse NTCIP Center-to-Center Standards Group	(See Footnote)
Flow: work zone warning device control		
<i>Source:</i> VDOT NRO MPSTOC - TOC AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC Other Field Equipment NTCIP Center-to-Field Standards Group	(See Footnote)
Flow: work zone warning status		
<i>Source:</i> Travel Information Displays AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NOVA District Construction Management NTCIP Center-to-Field Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC - TOC Other Field Equipment AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group	(See Footnote)
<i>Source:</i> VDOT NRO MPSTOC- TOC DMS AASHTO/ITE/NEMA	<i>Destination:</i> VDOT NRO MPSTOC - TOC NTCIP Center-to-Field Standards Group	(See Footnote)

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Footnotes:		
Advanced Traveler Information Systems (ATIS) Bandwidth Limited Standards Group		
SDO	Standard Name	Document ID
SAE	Location Referencing Message Specification (LRMS)	SAE J2266
SAE	Message Set for Advanced Traveler Information System (ATIS)	SAE J2354
SAE	Standard for ATIS Message Sets Delivered Over Reduced Bandwidth Media	SAE J2369
SAE	Messages for Handling Strings and Look-Up Tables in ATIS Standards	SAE J2540
SAE	RDS (Radio Data System) Phrase Lists	SAE J2540/1
SAE	ITIS (International Traveler Information Systems) Phrase Lists	SAE J2540/2
SAE	National Names Phrase List	SAE J2540/3
Advanced Traveler Information Systems (ATIS) General Use Standards Group		
SDO	Standard Name	Document ID
SAE	Location Referencing Message Specification (LRMS)	SAE J2266
SAE	Message Set for Advanced Traveler Information System (ATIS)	SAE J2354
SAE	Messages for Handling Strings and Look-Up Tables in ATIS Standards	SAE J2540
SAE	RDS (Radio Data System) Phrase Lists	SAE J2540/1
SAE	ITIS (International Traveler Information Systems) Phrase Lists	SAE J2540/2
SAE	National Names Phrase List	SAE J2540/3
Dedicated Short Range Communication at 5.9 GHz Standards Group		
SDO	Standard Name	Document ID
ASTM	Standard Specification for Telecommunications and Information Exchange Between Roadside and Vehicle Systems - 5 GHz Band Dedicated Short Range Communications (DSRC) Medium Access Control (MAC) and Physical Layer (PHY) Specifications	ASTM E2213-03
IEEE	Standard for Wireless Access in Vehicular Environments (WAVE) - Resource Manager	IEEE 1609.1-2006
IEEE	Standard for Wireless Access in Vehicular Environments (WAVE) - Security Services for Applications and Management Messages	IEEE 1609.2-2006
IEEE	Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services	IEEE 1609.3
IEEE	Standard for Wireless Access in Vehicular Environments (WAVE) - Multi-Channel Operation	IEEE 1609.4-2006
IEEE	Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part II: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specification	IEEE 802.11p

Standards for Northern Virginia ITS Architecture

Lead SDO	Standard Name	Document ID
Dedicated Short Range Communication at 5.9 GHz Standards Group		
SDO	Standard Name	Document ID
IEEE	Standard for Wireless Access in Vehicular Environments (WAVE) - Architecture	IEEE P1609.0
Incident Management Standards Group		
SDO	Standard Name	Document ID
IEEE	Standard for Common Incident Management Message Sets for use by Emergency Management Centers	IEEE 1512 -2006
IEEE	Standard for Traffic Incident Management Message Sets for Use by Emergency Management Centers	IEEE 1512.1-2006
IEEE	Standard for Public Safety Traffic Incident Management Message Sets for Use by Emergency Management Centers	IEEE 1512.2-2004
IEEE	Standard for Hazardous Material Incident Management Message Sets for Use by Emergency Management Centers	IEEE 1512.3-2006
IEEE	Standard for Common Traffic Incident Management Message Sets for Use in Entities External to Centers	IEEE P1512.4
NTCIP Center-to-Center Standards Group		
SDO	Standard Name	Document ID
AASHTO/ITE/NEMA	Octet Encoding Rules (OER) Base Protocol	NTCIP 1102
AASHTO/ITE/NEMA	Center-to-Center Naming Convention Specification	NTCIP 1104
AASHTO/ITE/NEMA	Ethernet Subnetwork Profile	NTCIP 2104
AASHTO/ITE/NEMA	Internet (TCP/IP and UDP/IP) Transport Profile	NTCIP 2202
AASHTO/ITE/NEMA	File Transfer Protocol (FTP) Application Profile	NTCIP 2303
AASHTO/ITE/NEMA	Application Profile for DATEX-ASN (AP-DATEX)	NTCIP 2304
AASHTO/ITE/NEMA	Application Profile for XML Message Encoding and Transport in ITS Center-to-Center Communications (C2C XML)	NTCIP 2306
NTCIP Center-to-Field Standards Group		
SDO	Standard Name	Document ID
AASHTO/ITE/NEMA	Octet Encoding Rules (OER) Base Protocol	NTCIP 1102
AASHTO/ITE/NEMA	Transportation Management Protocols (TMP)	NTCIP 1103
AASHTO/ITE/NEMA	Point to Multi-Point Protocol Using RS-232 Subnetwork Profile	NTCIP 2101
AASHTO/ITE/NEMA	Point to Multi-Point Protocol Using FSK Modem Subnetwork Profile	NTCIP 2102
AASHTO/ITE/NEMA	Point-to-Point Protocol Over RS-232 Subnetwork Profile	NTCIP 2103
AASHTO/ITE/NEMA	Ethernet Subnetwork Profile	NTCIP 2104
AASHTO/ITE/NEMA	Transportation Transport Profile	NTCIP 2201
AASHTO/ITE/NEMA	Internet (TCP/IP and UDP/IP) Transport Profile	NTCIP 2202
AASHTO/ITE/NEMA	Simple Transportation Management Framework (STMF) Application Profile	NTCIP 2301
AASHTO/ITE/NEMA	Trivial File Transfer Protocol (TFTP) Application Profile	NTCIP 2302
AASHTO/ITE/NEMA	File Transfer Protocol (FTP) Application Profile	NTCIP 2303

Standards for Northern Virginia ITS Architecture

Lead SDO

Standard Name

Document ID

Filters

Entity Class		Entity Type		Interconnects		Flow Type		Flow Status		Flow Futuristic		Market Package	
Show	Class	Show	Type	Show	Interconnect	Show	Type	Show	Status	Show	Futuristic	Show	Market Package
Yes	Center	Yes	System	Yes	Center to Center	Yes	Request	Yes	Existing	Yes	Futuristic	Yes	All
Yes	Field	Yes	Human	Yes	Center to Field	Yes	Information	Yes	Planned				
Yes	Traveler	Yes	Environment	Yes	Center to Traveler			Yes	Future				
Yes	Vehicle			Yes	Center to Vehicle			Yes	Existing Voice Comm.				
				Yes	Field to Field								
				Yes	Field to Vehicle								
				Yes	Traveler to Field								
				Yes	Traveler to Traveler								
				Yes	Traveler to Vehicle								
				Yes	Vehicle to Vehicle								