Agency	Sub-agency	Information Category (Planning, Operations, Traveler Information)	Data Type	Data Subtype	Data Format (File type)	Timeliness (RT = Real-time, NRT = Near real-time, AR = Archived)	System
MDOT	SHA/CHART	Operations, Traveler Information	Incident – crash, special event, disabled vehicle, congestion, weather event	Basic data, location (text), vehicle involvement, response vehicles, DMS, HAR messages	CORBA interface, SQL Server database	RT from CHART, 30 sec. from SQLServer (Web) database	CHART II, Web SQLServer, Windows 2000
MDOT	SHA/CHART	Operations	Speed	Avg. mph	ASCII, SQLServer database	NRT	CHART II, Web SQLServer
MDOT	SHA/CHART	Operations, Planning	Volume	Avg. vph	ASCII, SQLServer database	NRT	CHART II
MDOT	SHA/CHART	Operations, Traveler Information	Lane closures	Active, Planned	Corba interface, SQLServer database	NRT	CHART II, EORS, Web Server
MDOT	SHA/CHART	Traveler Information	Weather	RWIS, temp., Humidity, wind speed and dir., precip., ice/snow accum., visibility, video snapshot	SQLServer database	NRT	SQLServer database
MDOT	SHA/CHART	Operations	Device status	DMS, HAR	Corba interface, SQLServer database	RT	CHART II, Web SQLServer
MDOT	SHA/CHART	Operations, Traveler Information	Video				AVCS
MDOT	TMS	Planning	Historical traffic Counts	Volume, occupancy, classification, turning movement	html	AR (1998 to current	Internet
VDOT	NOVA	Operations, Traveler Information	Incident		Oracle (7.3)	RT	STC Digital UNIX
VDOT	NOVA	Operations	Speed		Oracle, ASCII	RT	STC Digital UNIX

Database (or flat file)	Data Granularity (Raw, Summary, Smoothed)	Ease of Access (COTS DB – Access tools, Standard files, Network accessibility, Security)	Currently Exported (Y/N, To whom)	Status (Existing, Planned)	Comments
Oracle (9i), SQLServer	Full data set from CHART II, Summary from Web SQLServer	Med.	Y, UMD	E	
Oracle (9i), SQLServer	5 min. summary	Med.	Y	E	
	5 min. summary	Med.	Y	E	
Oracle (9i), SQLServer		Med.	Y	E	
		Med.		E	
Oracle (9i), SQLServer		Med.	N	E	
			Y	E	
	Smoothed by various time periods, user selected	Easy	Y	E	Web site with tools for user selection of desired data.
Oracle (7.3)		Med.	N	P	Location Link-based, GIS
Oracle (7.3), ASCII	Raw or 5 min. avg.	Easy	Y	E	

VDOT	NOVA	Operations, Planning	Volume		Oracle, ASCII	RT	STC Digital UNIX
VDOT	NOVA	Operations	Occupancy		Oracle, ASCII	RT	STC Digital UNIX
VDOT	NOVA	Operations, Traveler Information	Weather	RWIS, temp., Humidity, wind speed and dir., precip., ice/snow accum., visibility	ASCII	NRT	Internet
VDOT	NOVA	Operations, Traveler Information	Video				
VDOT		Operations, Traveler Information	Closures	Incidents, construction, weather, snow removal	Internet/intranet	NRT	VOIS
VDOT/VSP			Incidents (CAD)				Smart Travel Lab?
VDOT	NOVA	Operations, Planning	Vehicle Detector	Volume, occupancy, speed	ASCII, CSV	AR	NOVA Signal system
VDOT	NOVA		Construction activities	Springfield Interchange			
VDOT		Operations	Incidents, traffic flow	I-81	Website	RT	VTIP
Montgomery County	DPW&T	Operations, Planning	Vehicle Detector	Volume, occupancy, speed	XML	RT	ATMS
Montgomery County	DPW&T	Operations, Planning	Signal Status	Signal color, flash, preempt, dark	XML	RT	ATMS
Montgomery County	DPW&T	Operations, Traveler Information	Incident	Text incident description.	ASCII Text string (unformatted)	NRT	ATMS
Montgomery County	DPW&T	Operations, Traveler Information	Road Closures	Text description	ASCII Text string (unformatted)	NRT	ATMS
Montgomery County	DPW&T	Operations, Traveler Information	Video				Website

Oracle (7.3), ASCII	Raw or 5 min. avg	Easy	Y	E	
Oracle (7.3), ASCII	Raw or 5 min. avg	Easy	Y	E	
FTP		Easy	Y	E	
			Y	E	
				E	
ASCII, CSV				E	
database		Med.	N	E	Traffic flow data in future.
XML	1/Min	Med.	Y	Y	Submit XML request for data.
XML	1/Min.	Med.	Y	Y	Need agreement to allow access to signal status data
Informix		Med.	N	P	
Informix		Med.	N	P	
			Y	E	

Montgomery County	DPW&T	Operations, Traveler Information	Bus route and schedule status	Bus route and schedule status, next bus ETA		RT	Orbital OSC
Montgomery County	DPW&T	Planning	Vehicle counts	VPH by location	Excel	AR	Excel
DDOT		Operations, Traveler Information	Construction activities	Permitted work zones			
DDOT		Operations, Traveler Information	Closures	Scheduled and unscheduled bridge and street closures			
DDOT		Operations, Planning, Traveler Information		Bridge restrictions			
DDOT		Operations, Traveler Information	Incident	Special events			
DDOT		Operations, Traveler Information	Video	Images from 125 CCTV cameras			Website
DDOT		Operations		Weight restrictions and truck routes			
DDOT		Operations, Traveler Information		Snow routes			
DDOT				Aerial views of city			Intranet
DDOT		Operations		Traffic control plans			
DDOT		Operations, Traveler Information	Construction activities	Active			
DDOT				Private activities in public spaces			
DDOT		Operations, Planning, Traveler Information		Street turn restrictions			
CapWIN			Incident				
WMATA	Metrorail	Traveler Information	Traveler Information	Incoming train length, time-until-arrival. General system delay.		RT	Passenger Information Display System (PIDS)

		Med.	Y, signs	E	Could get wireless data feed with bus ETA data as it is sent to signs at bus stops
Excel	15 min. summary	easy	Y	E	
				E	
				E	
				E	
				E	
				E	
				E	
				E	
				E	
			N	E	
				E	

WMATA	Metrorail	Operations	Train Location			RT	Rail Operations Control System (ROCS)
WMATA	Metrorail	Traveler Information	Traveler Information	Hours of operation, fares, distances between stations, estimated travel time			WMATA Website
WMATA	Metrorail	Operations, Traveler Information	Device Status	Elevator, Escalator Status			WMATA Website
WMATA	Metrorail and Metrobus	Operations, Traveler Information	Incident	Service Disruptions, estimated delay			
WMATA	Metrobus	Operations	Bus location				
WMATA	Metrorail and Metrobus	Traveler Information	Traveler Information (Ride-Guide)	Trip Planning		AR	Automated Routing Transportation System (ARTS-II)
WMATA	Metro Access		Paratransit Vehicle Location				
WMATA	Metrobus	Operations, Traveler Information		Info about bus stops, includes ARTS stop ID, Infocase locations (stand alone)			Bus Stop and Shelter Repair Database
WMATA	Metrorail and Metrobus	Operations, Traveler Information	Scheduling	Schedule creation			G-Sched
WMATA		Operations, Planning, Traveler Information	Crime Statistics				TPAS Incident Based Reporting System (TIBRS)

				E	
				E	
Oracle Interface table				E	
				E	
				?	
Trapeze (Automated Transit Information System)				E	
Smartware				E	
Btrieve				E	
Datacom				E	

WMATA		Operations	Maintenance	Asset configurations for bus, rail, plant, elevators, escalators, stations; maintenance work orders, incident tracking, maintenance history, mechanical data, MTPD incidents			Maintenance and Reliability System (MARS)
WMATA	Metrobus	Operations, Planning	Bus Stop Location	Lat/long and way points			CLEVER GIS
WMATA		Traveler Information	Traveler Information	Schedules			Commuterpage.com
WMATA	Metro Rail	Operations	Rail Scheduling	Headways, trips, no runcutting			G-Rail
WMATA			Incidents	Incident and accident tracking			SAFE Incident Tracking
WMATA			Incidents	Incident tracking, to replace TIBRS for MTPD			CAD-AvelTech
WMATA			Incidents	Incident tracking			Non-Op Incident Tracking
Arlington Co.	Department of Transportation	Planning	Historical traffic Counts	Peak hour volume, total daily volume	PDF	AR	Website
Arlington Co.	Department of Transportation	Operations	Signal timing plans			RT	ACTRA
Arlington Co.	Department of Transportation	Operations, Planning	Traffic Detectors	Volume			SCOOT

Datacom				E	
MS Access?				E	
				E	
Btrieve				E	
				E	
MS Access				?	
				E	Tracks incidents not compiled in OTRACS
Flat file		Difficult		E	
		Easy	N	E	
				E	Few detectors, highly inaccurate

Arlington Co.	Department of Transportation	Operations, Planning	Traffic Detectors	Speed, Volume, Classification, occupancy	ASCII		Combination of Wavetronix, RTMS, and embedded sensors
Arlington Co.	Department of Transportation	Operations, Traveler Information	Video				Website
Prince George's County	Department of Public Works and Transportation	Operations, Traveler Information	Bus Location			RT	NextBus
Prince George's County	Department of Public Works and Transportation	Operations, Planning, Traveler Information	Bus	Bus stop locations, Bus shelter locations			
Prince George's County	Department of Public Works and Transportation	Operations, Traveler Information	Video	Limited intersections		RT	
Prince George's County	Department of Public Works and Transportation	Operations, Traveler Information	Weather	Surface temperatures		RT	
Prince George's County	Department of Public Works and Transportation	Operations, Planning	Signal locations			AR	
Prince George's County	Department of Public Works and Transportation	Operations, Traveler Information	Incident	Mostly signals, anything that impacts flow		NRT	
Alexandria	Department of Transportation and Environmental Services	Operations	Signal timing plans		text	RT	ACTRA
Alexandria	Department of Transportation and Environmental Services	Operations	Detectors	Speed, Volume, occupancy	Summary reports in Word, Excel, others. No real-time reports.	RT	ACTRA

				P	
			Y	P	
Database, stored with contractor (NextBus)			N	E	
				E	
				P	
				E	
				E	
database			N - Possibly to CHART in future	E	
database			N	E	Not willing to export
database	Raw, 60 second intervals		N	E	

Alexandria	Department of Transportation and Environmental Services	Operations, Traveler Information	Video			RT	
Alexandria	Department of Transportation and Environmental Services	Operations, Traveler Information	Incident			RT	
Alexandria	Department of Transportation and Environmental Services	Planning	Traffic Counts	Intersection turning movements (peak hours, 2.5 year archive), border counts (AADT)	Quattro Pro, Excel	AR	

			Y, TrafficLand.com	P	11 or 12 cameras
			N	P	
database			N	E	