

Market Packages and MOITS Strategic Plan

DRAFT of July 8, 2008

	List of Market Package		In Regional ITS Architecture?	Primary Preview of MOITS?	Identified as Priority in MOITS Survey?	Include in Strategic Plan?
			(Yes,No?)	(Yes,No?)	(Yes,No?)	(Yes,No?)
Archive Data Management	AD1	ITS Data Mart	Yes	No	No	No
	AD2	ITS Data Warehouse	Yes	Yes	Yes	Yes
	AD3	ITS Virtual Data Warehouse	Yes	Yes	Yes	Yes
Public Transportation	APTS01	Transit Vehicle Tracking	Yes	No	No	No
	APTS02	Transit Fixed-Route Operations	Yes	No	No	No
	APTS03	Demand Response Transit Operations	Yes	No	No	No
	APTS04	Transit Fare Collection Management	Yes	No	No	No
	APTS05	Transit Security	Yes	No	No	No
	APTS06	Transit Fleet Management	No	No	No	No
	APTS07	Multi-modal Coordination	Yes	Yes	Yes	Yes
	APTS08	Transit Traveler Information	Yes	No	Yes	Yes
	APTS09	Transit Signal Priority	No	Yes	Yes	Yes
	APTS10	Transit Passenger Counting	No	No	No	No
Traveler Information	ATIS01	Broadcast Traveler Information	Yes	No	No	No
	ATIS02	Interactive Traveler Information	Yes	Yes	Yes	Yes
	ATIS03	Autonomous Route Guidance	Yes	No	No	No
	ATIS04	Dynamic Route Guidance	Yes	No	No	No
	ATIS05	ISP Based Trip Planning and Route Guidance	Yes	No	No	No
	ATIS06	Transportation Operations Data Sharing	No	Yes	Yes	Yes
	ATIS07	Yellow Pages and Reservation	No	No	No	No
	ATIS08	Dynamic Ridesharing	No	No	No	No
	ATIS09	In Vehicle Signing	No	No	No	No
	ATIS10	VII Traveler Information	No	No	No	No
Traffic Management	ATMS01	Network Surveillance	Yes	Yes	Yes	Yes
	ATMS02	Traffic Probe Surveillance	No	Yes	No	Yes
	ATMS03	Surface Street Control	Yes	Yes	Yes	Yes
	ATMS04	Freeway Control	Yes	Yes	No	No
	ATMS05	HOV Lane Management	Yes	Yes	No	No
	ATMS06	Traffic Information Dissemination	Yes	Yes	Yes	Yes
	ATMS07	Regional Traffic Management	Yes	Yes	Yes	Yes
	ATMS08	Traffic Incident Management System	Yes	Yes	Yes	Yes
	ATMS09	Traffic Forecast and Demand Management	Yes	Yes	No	No
	ATMS10	Electronic Toll Collection	Yes	No	No	No
	ATMS11	Emissions Monitoring and Management	No	No	No	No
	ATMS12	Roadside Lighting System Control	No	No	No	No
	ATMS13	Standard Railroad Grade Crossing	Yes	No	No	No
	ATMS14	Advanced Railroad Grade Crossing	No	No	No	No
	ATMS15	Railroad Operations Coordination	Yes	No	No	No
	ATMS16	Parking Facility Management	Yes	No	No	No
	ATMS17	Regional Parking Management	Yes	No	No	No
	ATMS18	Reversible Lane Management	Yes	No	No	No
	ATMS19	Speed Monitoring	Yes	No	No	No
	ATMS20	Drawbridge Management	Yes	No	No	No
	ATMS21	Roadway Closure Management	Yes	No	No	No
Vehicle Safety	AVSS01	Vehicle Safety Monitoring	No	No	No	No
	AVSS02	Driver Safety Monitoring	No	No	No	No
	AVSS03	Longitudinal Safety Warning	No	No	No	No
	AVSS04	Lateral Safety Warning	No	No	No	No
	AVSS05	Intersection Safety Warning	No	No	No	No
	AVSS06	Pre-Crash Restraint Deployment	No	No	No	No
	AVSS07	Driver Visibility Improvement	No	No	No	No
	AVSS08	Advanced Vehicle Longitudinal Control	No	No	No	No
	AVSS09	Advanced Vehicle Lateral Control	No	No	No	No
	AVSS10	Intersection Collision Avoidance	No	No	No	No
	AVSS11	Automated Highway System	No	No	No	No
	AVSS12	Cooperative Vehicle Safety Systems	No	No	No	No
Commercial Vehicle Operations	CVO01	Fleet Administration	No	Yes	No	No
	CVO02	Freight Administration	No	Yes	No	No
	CVO03	Electronic Clearance	No	No	No	No
	CVO04	CV Administrative Processes	No	No	No	No
	CVO05	International Border Electronic Clearance	No	No	No	No
	CVO06	Weigh-In-Motion	No	No	No	No
	CVO07	Roadside CVO Safety	No	No	No	No
	CVO08	On-board CVO and Freight Safety and Security	No	No	No	No
	CVO09	CVO Fleet Maintenance	No	No	No	No
	CVO10	HAZMAT Management	No	No	No	No
	CVO11	Roadside HAZMAT Security Detection and Mitigation	No	No	No	No
	CVO12	CV Driver Security Authentication	No	No	No	No
	CVO13	Freight Assignment Tracking	No	No	No	No
Emergency Management	EM01	Emergency Call-Taking and Dispatch	Yes	No	No	No
	EM02	Emergency Routing	Yes	No	No	No
	EM03	Mayday and Alarms Support	Yes	No	No	No
	EM04	Roadway Service Patrols	Yes	No	No	No
	EM05	Transportation Infrastructure Protection	Yes	No	No	No
	EM06	Wide-Area Alert	Yes	No	No	No
	EM07	Early Warning System	Yes	No	No	No
	EM08	Disaster Response and Recovery	Yes	No	No	No
	EM09	Evacuation and Reentry Management	Yes	No	No	No
	EM10	Disaster Traveler Information	Yes	No	No	No
Maintenance & Construction Management	MC01	Maintenance and Construction Vehicle and Equipment	Yes	No	No	No
	MC02	Maintenance and Construction Vehicle Maintenance	Yes	No	No	No
	MC03	Road Weather Data Collection	Yes	Yes	No	No
	MC04	Weather Information Processing and Distribution	Yes	No	No	No
	MC05	Roadway Automated Treatment	No	No	No	No
	MC06	Winter Maintenance	Yes	No	No	No
	MC07	Roadway Maintenance and Construction	Yes	No	No	No
	MC08	Work Zone Management	Yes	No	No	No
	MC09	Work Zone Safety Monitoring	Yes	No	No	No
	MC10	Maintenance and Construction Activity Coordination	Yes	No	No	Yes
	MC11	Environmental Probe Surveillance	No	No	No	No
	MC12	Infrastructure Monitoring	No	No	No	No