

Operational Concepts By Stakeholder

<i>ITS Stakeholders</i>	<i>Areas</i>	<i>RRDescription</i>	<i>Status</i>
Advance Transit			
	Transit Services		
		Provide emergency transit services for evacuations, fires, disasters.	Existing
		Provide fixed route bus service for eastern Vermont and portions of New Hampshire.	Existing
	Traveler Information		
		Provide transit traveler information via web, interactive voice, and personal communications devices.	Planned
Chittenden County Transportation Authority (CCTA)			
	Electronic Payment		
		Develop and operate an electronic fare collection system(s)	Planned
	Incident Management		
		Provide incident information (originating from vehicle operators) to regional and municipal public safety agencies.	Planned
	Transit Services		
		Provide emergency transit services for evacuations, fires, disasters, radiological emergency.	Existing
		Provide fixed route bus service for Burlington and surrounding jurisdictions.	Existing
		Provide Paratransit bus service for Chittenden County	Planned
	Traveler Information		
		Provide transit traveler information via web, interactive voice, and personal communications devices.	Existing
Green Mountain Transit Agency			
	Transit Services		
		Provide fixed route bus service for region around Montpelier .	Planned
	Traveler Information		
		Provide transit traveler information via web.	Existing
Independent School Districts			
	Transit Services		
		Provide emergency transit services for evacuations, fires, disasters.	Existing
		Provide fixed route school bus services.	Existing
Local Transit Agencies			
	Transit Services		
		Provide emergency transit services for evacuations, fires, disasters.	Planned
		Provide fixed route bus service for municipalities and rural areas.	Planned
		Provide paratransit service for municipalities and rural areas.	Planned
	Traveler Information		
		Provide transit traveler information via web, interactive voice, and personal communications devices.	Planned
Marble Valley Transit			
	Incident Management		

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		Provide incident information (originating from vehicle operators) to regional and municipal public safety agencies.	Planned
	Transit Services		
		Provide emergency transit services for evacuations, fires, disasters.	Existing
		Provide fixed route bus service for Rutland and surrounding communities.	Existing
		Provide paratransit service for Rutland and surrounding communities.	Existing
	Traveler Information		
		Provide transit traveler information via web, interactive voice, and personal communications devices.	Existing
Municipal Engineering Departments			
	Incident Management		
		Coordinate incident response with Municipal Public Safety (Police, Fire, and EMS).	Existing
		Coordinate maintenance resources for incident response with Municipal Service Departments.	Existing
		Operate Dynamic Message Signs on city arterials to inform travelers of incidents (future)	Planned
		Perform incident detection and verification for arterial streets in the municipality through video surveillance (future).	Planned
	Traffic Signal Control		
		Coordinate HRI signal adjustments	Existing
		Interconnect with signal systems in adjacent jurisdictions and with VTrans signal systems.	Existing
		Operate traffic signal systems for municipality owned arterials.	Existing
		Provide emergency signal preemption for Municipal Public Safety	Existing
		Provide transit signal priority for various transit systems (Future)	Planned
Municipal Government			
	Traveler Information		
		Provide on municipal websites traffic, maintenance and transit information for municipality.	Planned
Municipal Public Safety Agencies			
	Emergency Management		
		Coordinate emergency response with Vermont State Police, county sheriff and other municipal public safety.	Existing
		Dispatch Police, Fire, and EMS to incidents within the municipalities.	Existing
		Perform incident detection and verification for arterial streets within municipalities in the region.	Existing
		Receive landline emergency calls for incidents (for those municipalities with 9-1-1 centers)	Existing
	Incident Management		
		Coordinate incident response for incidents within the municipality.	Existing
		Dispatch Police, Fire, and EMS to incidents within the municipalities.	Existing
		Perform incident detection and verification for arterial streets within municipalities in the region.	Existing
		Receive landline emergency calls for incidents (for those municipalities with 9-1-1 centers)	Existing
Municipal Service Departments			
	Incident Management		

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		Coordinate maintenance resources in response to incident with municipal and regional public safety.	Existing
		Provide maintenance resources in response to incidents on municipal arterials	Existing
	Maintenance and Construction Management		
		Maintain field equipment	Existing
		Provide maintenance of municipal roads including snow and ice control and pavement maintenance.	Existing
Special Services Transportation Agency (SSTA)			
	Transit Services		
		Provide paratransit but service for Chittenden County	Existing
US Customs and Border Protection			
	Commercial Vehicle Operations		
		Perform commercial vehicle electronic clearance at international intermodal ports of entry	Existing
Vermont Department of Public Safety			
	Emergency Management		
		Coordinate emergency response with VTrans, municipal, and regional public safety.	Existing
		Develop statewide Emergency Operations Plan (VEM)	Existing
		Operate Statewide EOC (VEM)	
		Dispatch State Patrol vehicles for incidents on freeways and state controlled arterials. (VSP)	Existing
		Implement disaster response and emergency evacuation plans. (VEM)	Existing
		Receive emergency calls from cell phones for incidents. (VSP)	Existing
		Receive emergency calls from municipalities and unincorporated areas within jurisdiction of individual communications center. (VSP)	Existing
	Incident Management		
		Coordinate incident response with VTrans, other state agencies, county sheriff and municipal public safety.	Planned
		Dispatch State Patrol vehicles for incidents on freeways and state controlled arterials.	Planned
		Input incident information into CARS	Planned
		Provide incident information to traffic and public safety agencies.	Planned
		Receive emergency calls from cell phones for incidents.	Planned
		Receive emergency calls from municipalities and unincorporated areas within jurisdiction of individual communications center.	Planned
Vermont Department of Tourism and Marketing			
	Traveler Information		
		Collect event and traveler information	Planned
		Collect traffic, incidents, road weather, and road closure information.	Planned
		Operate Vacation Planner	Existing
		Operate Vermont Vacation Website	Existing
		Provide traveler information for tourism statewide.	Existing
		Provide traveler information via Interstate Information Centers.	Existing
Vermont DMV			

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	Archived Data Management		
		Collect and archive commercial vehicle inspection reports.	Existing
		Collect and archive vehicle crash records for the state	Existing
	Commercial Vehicle Operations		
		Input oversize/overweight data into CARS	Existing
		Issue commercial vehicle credentials	Existing
		Issue commercial vehicle permits	Existing
		Perform commercial vehicle electronic clearance at domestic intermodal ports of entry	Existing
		Perform CV safety inspections.	Existing
		Perform oversize/ overweight enforcement	Existing
Vermont E 9-1-1 Board			
	Archived Data Management		
		Collect and archive emergency call data for state	Existing
VTrans Operations			
	Archived Data Management		
		Collect and archive maintenance activity information (MATS database)	Existing
		Collect and archive vehicle crash records for the state	Existing
		Operate a Transportation Data Warehouse providing access to archive of multimodal transportation data	Existing
	Freeway Management		
		Enter traffic information into CARS	Planned
		Monitor surveillance cameras on freeways	Planned
		Monitor traffic sensors on freeways	Planned
		Operate traffic information devices on freeways (e.g. DMS and Highway Advisory Radios- HAR)	Planned
		Provide traffic information reports to other agencies	Planned
	Incident Management		
		Coordinate maintenance resource response to incident with VSP and county public safety.	Existing
		Enter incident information into CARS.	Existing
		Perform network surveillance for detection and verification of incidents	Planned
		Provide incident information to travelers via traffic information devices on expressways (e.g. DMS and Highway Advisory Radios- HAR)	Planned
		Provide maintenance resources for incident response and cleanup on state owned freeways and arterials.	Existing
	Maintenance and Construction Management		
		Enter roadway maintenance status data into CARS	Existing
		Oversee construction activities on state owned roads.	Existing
		Perform maintenance of ITS field equipment owned by VTrans.	Existing
		Provide maintenance of state highways in the region including snow and ice control and pavement maintenance. (Signal equipment handled by central garage- except District 5)	Existing

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	Traveler Information		
		Collect traffic, incident, road weather and road closure information.	Planned
		Input traffic, incident, road weather and road closure information to CARS server.	Existing
		Provide traveler information via traffic information devices on expressways (e.g. DMS and Highway Advisory Radios- HAR)	Planned
		Provide traffic and maintenance information for region to the public via website.	Planned
		Provide traveler information through 511 system with information coming from CARS	Existing
VTrans	Program Development		
	Archived Data Management		
		Collect and archive traffic count data for state	Existing
	Maintenance and Construction Management		
		Operate work zones on state highways.	Existing
	Traffic Signal Control		
		Collect traffic data from sensors that are part of traffic signal system (Future)	Planned
		Coordinate HRI signal adjustments	Existing
		Interconnect with signal systems operated by municipalities adjoining the VTrans systems.	Existing
		Operate traffic signal systems on state owned arterials	Existing
		Provide emergency signal preemption for Municipal Public Safety	Planned
		Provide transit signal priority for various transit systems (Future)	Planned