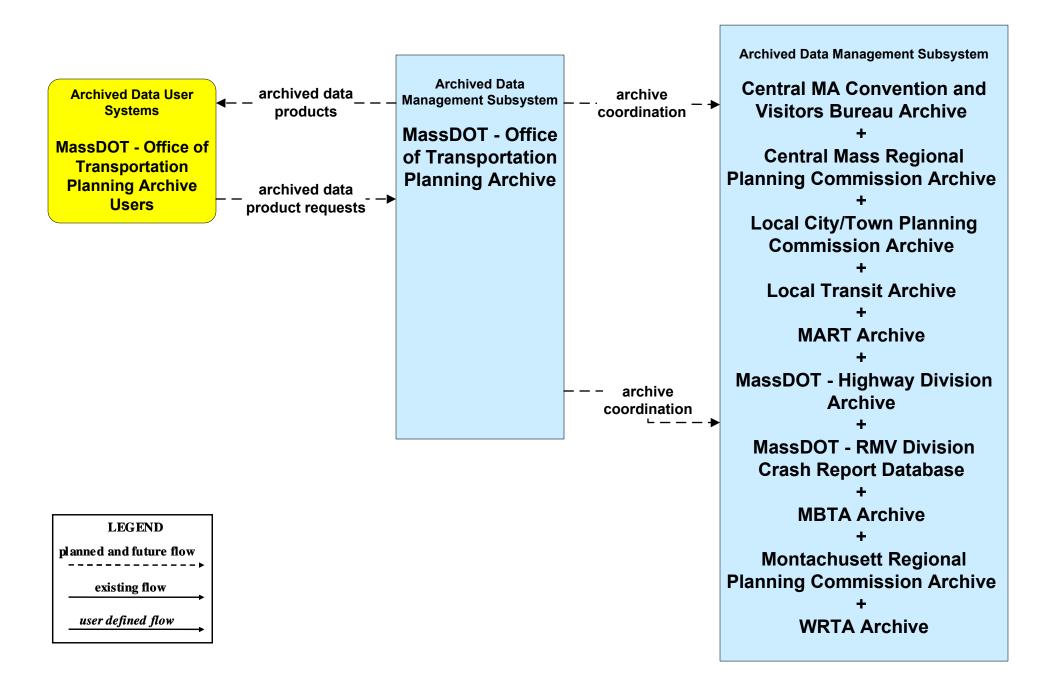
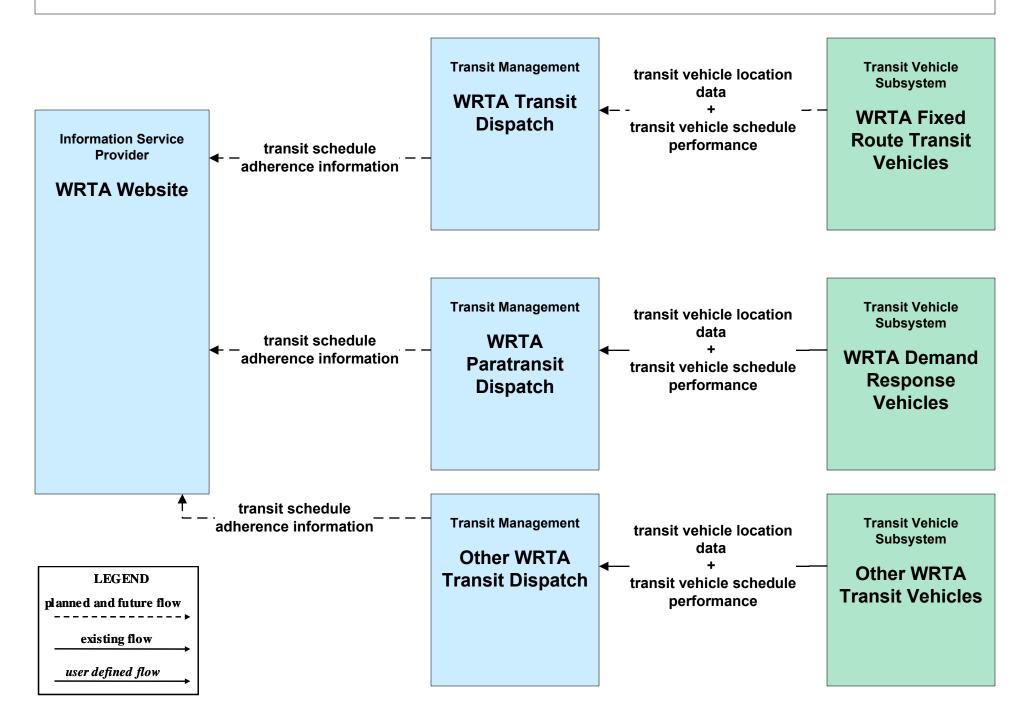


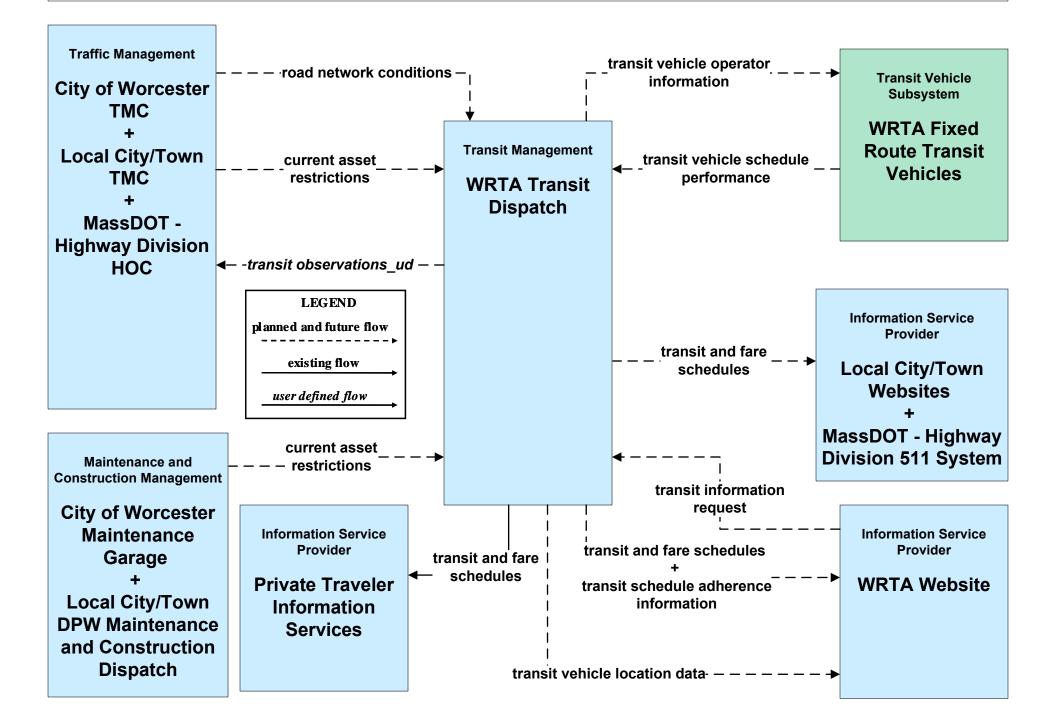
AD3 - ITS Virtual Data Warehouse MassDOT - Office of Transportation Planning



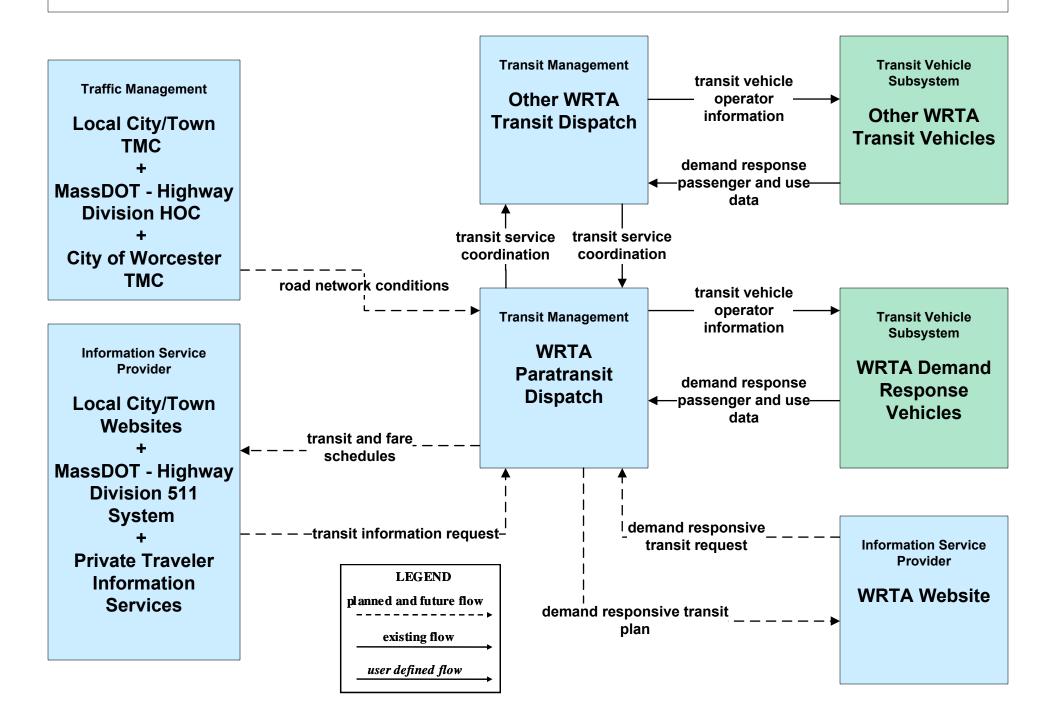
APTS01 - Transit Vehicle Tracking WRTA



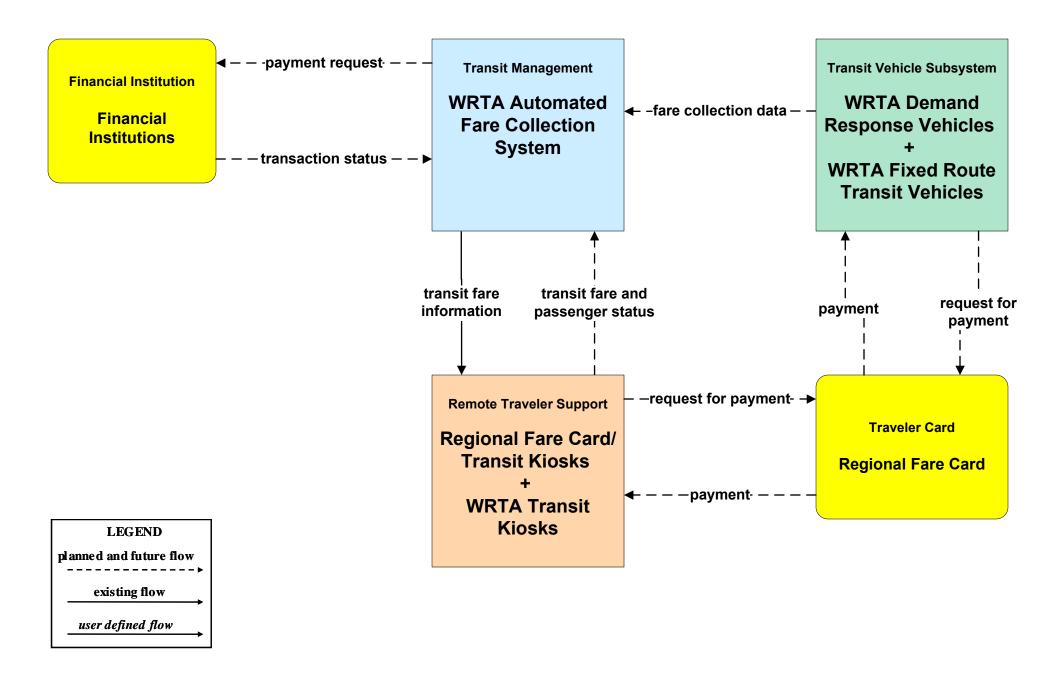
APTS02 - Transit Fixed-Route Operations WRTA

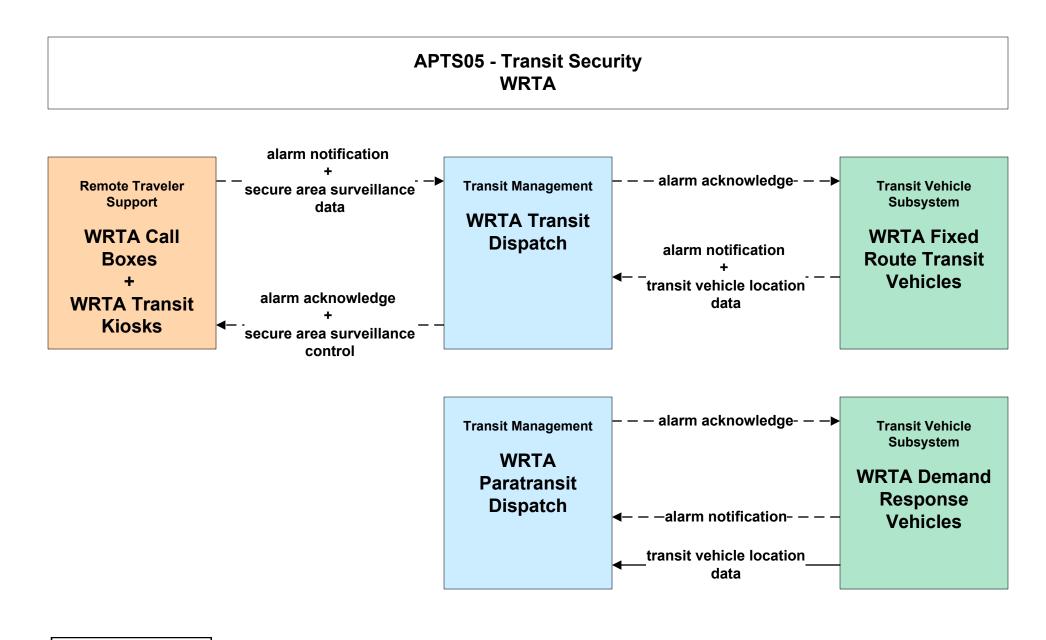


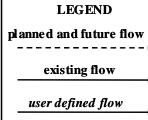
APTS03 - Demand Response and Paratransit Operations WRTA



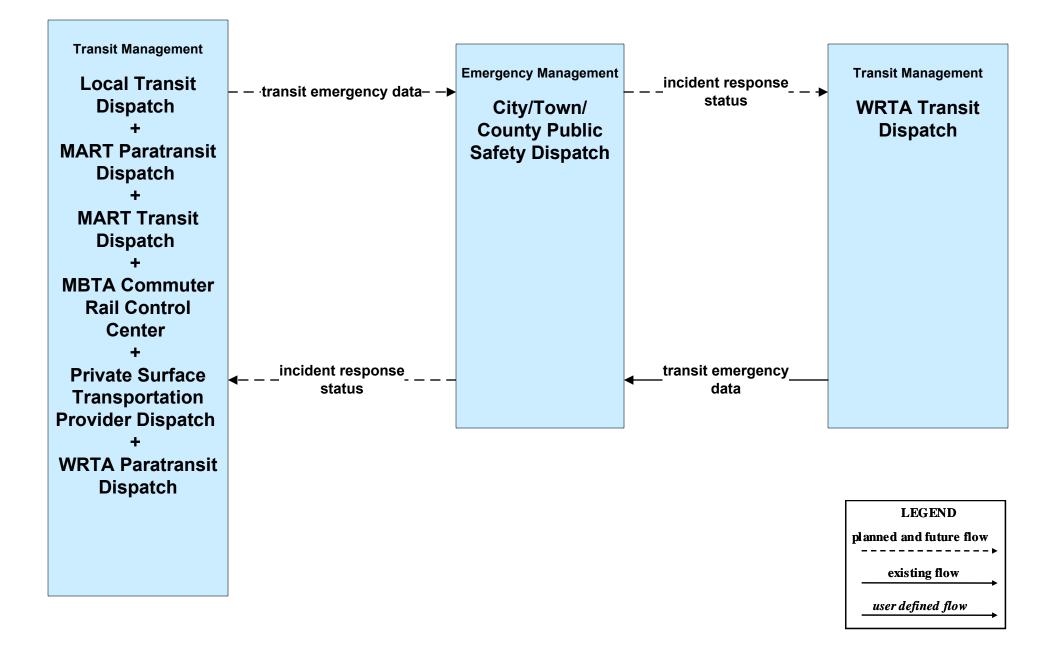
APTS04 - Transit Passenger and Fare Payment WRTA



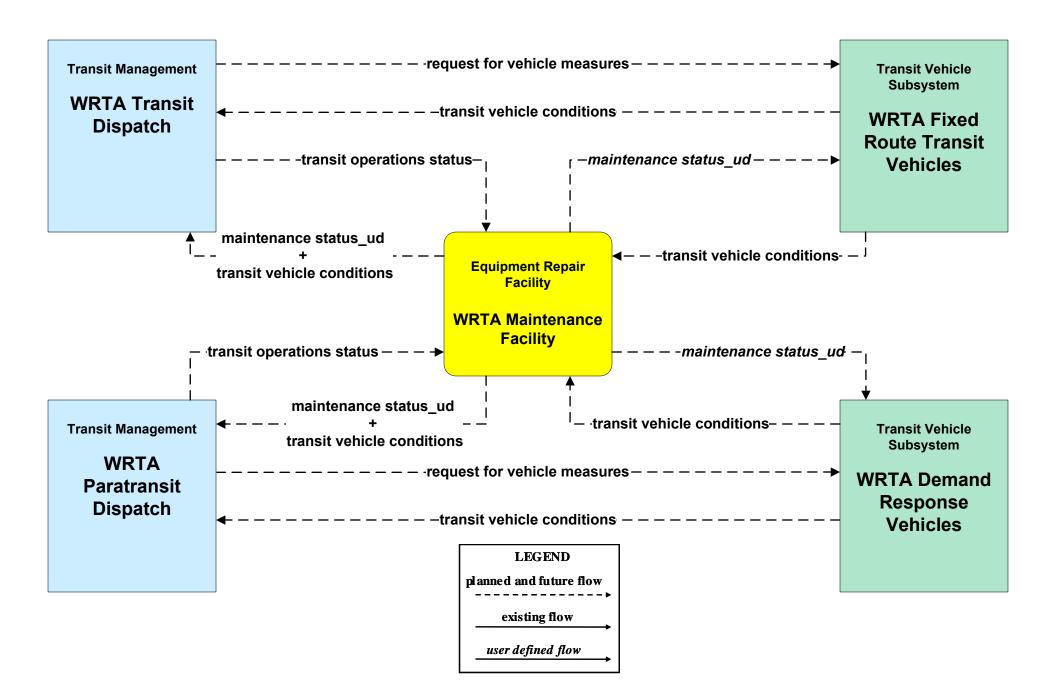




APTS05 - Transit Security City/Town/County

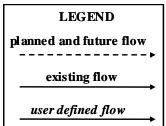


APTS06 - Transit Vehicle Maintenance WRTA

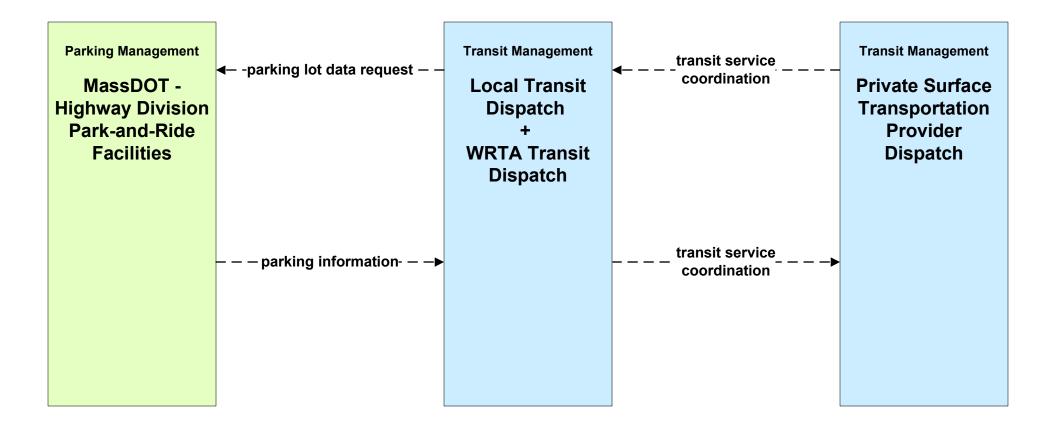


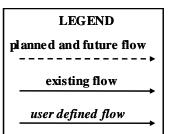
APTS07 - Multimodal Coordination WRTA

Transit Management WRTA Transit Dispatch	← — — — — multimodal service data- — — — —	Multimodal Transportation Service Provider
-	– – – – transit multimodal information– – – →	Amtrak Operations + MBTA Commuter Rail Stations + Worcester Regional Airport

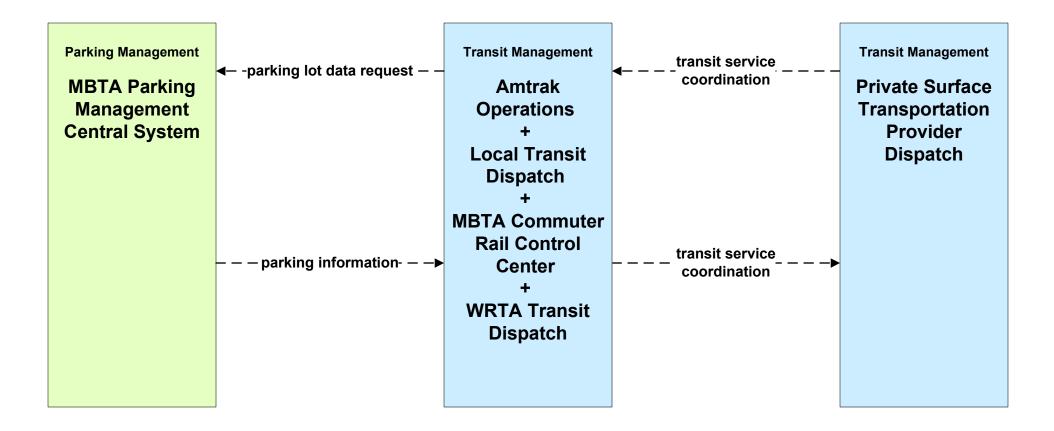


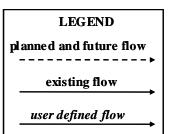
APTS07 - Multimodal Coordination MassDOT - Highway Division



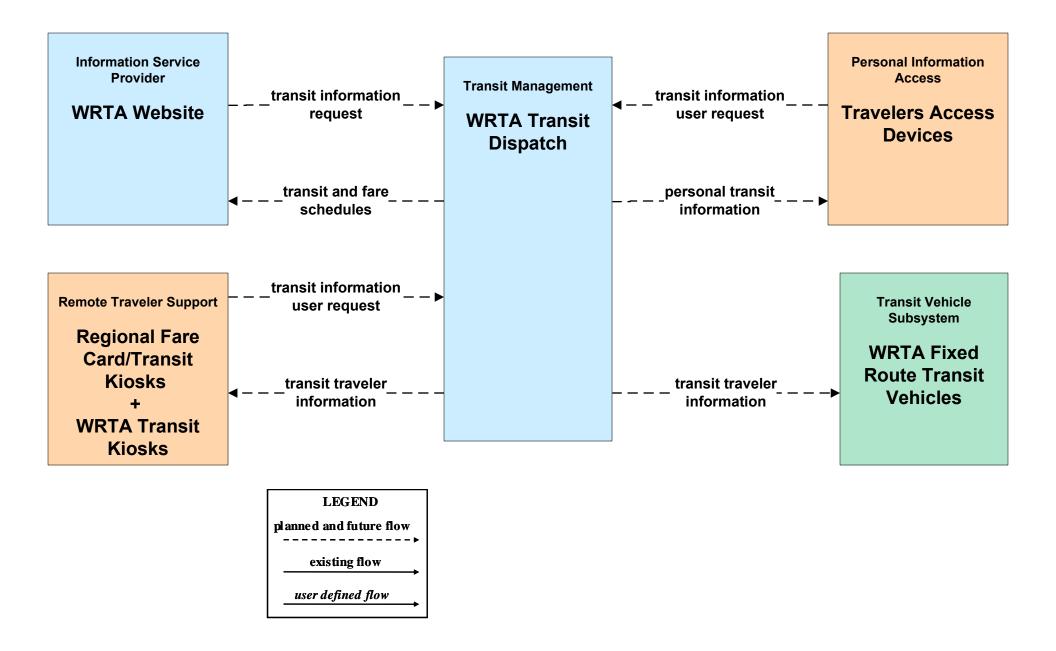


APTS07 - Multimodal Coordination MBTA

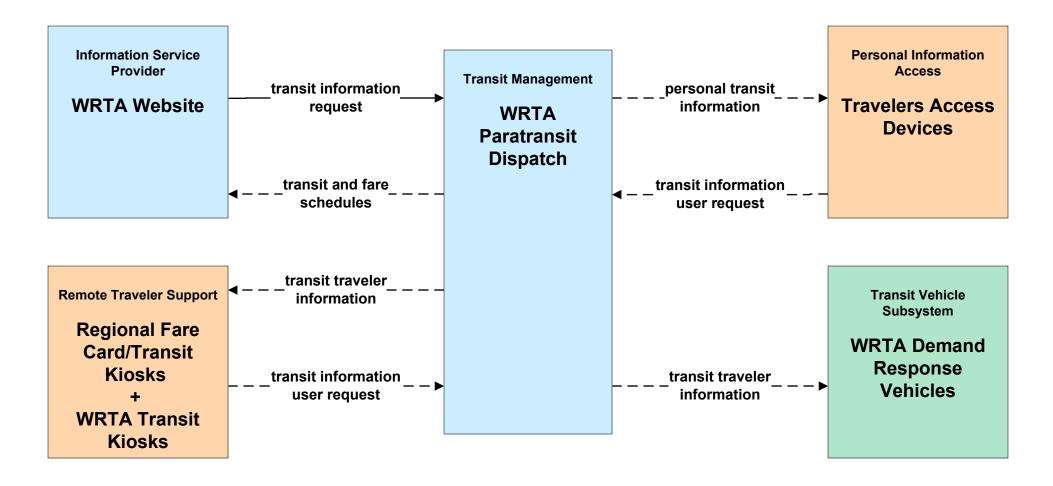


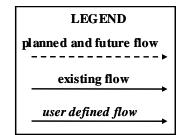


APTS08 - Transit Traveler Information WRTA (1 of 2)



APTS08 - Transit Traveler Information WRTA (2 of 2)

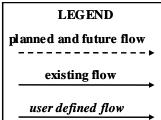




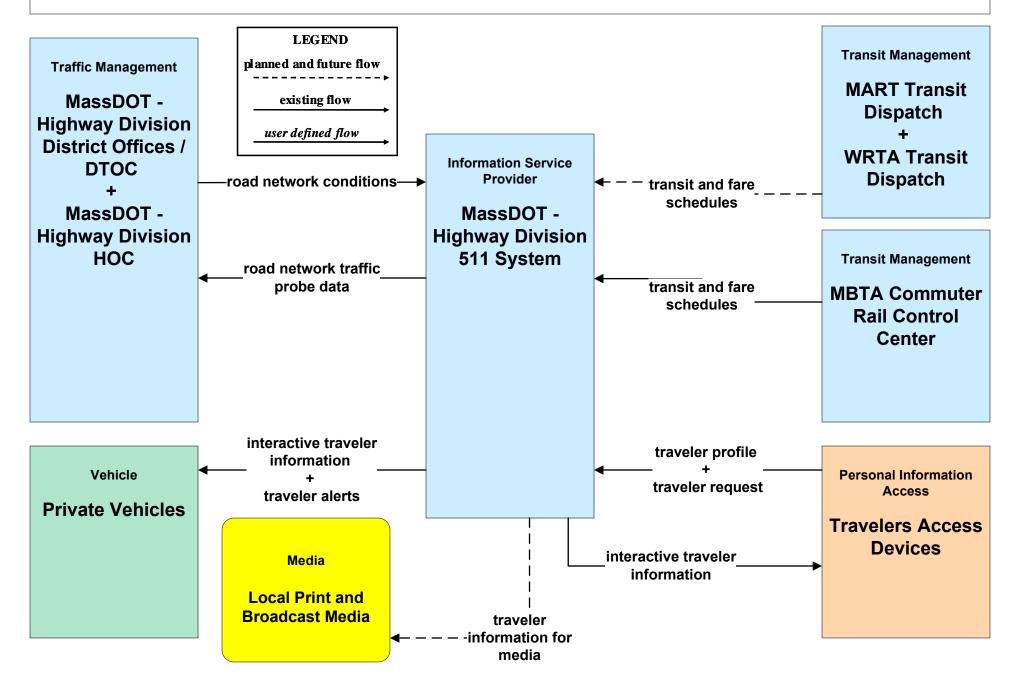
APTS09 - Transit Signal Priority WRTA Roadway Subsystem Traffic Management Transit Vehicle Local City/Town Local City/Town local signal priority Subsystem -request for right-of-way request TMC **Field Equipment** WRTA Fixed **Route Transit** LEGEND **Vehicles** planned and future flow existing flow user defined flow **Traffic Management** MassDOT -**Highway Division District Offices /** request for right-of-way DTOC local signal priority **Roadway Subsystem** request + signal control status MassDOT -MassDOT -**Highway Division Highway Division** HOC **Traffic Signals** -signal control data-**Transit Management** transit vehicle WRTA Transit schedule Dispatch performance transit schedule information

APTS10 - Automated Passenger Counting WRTA

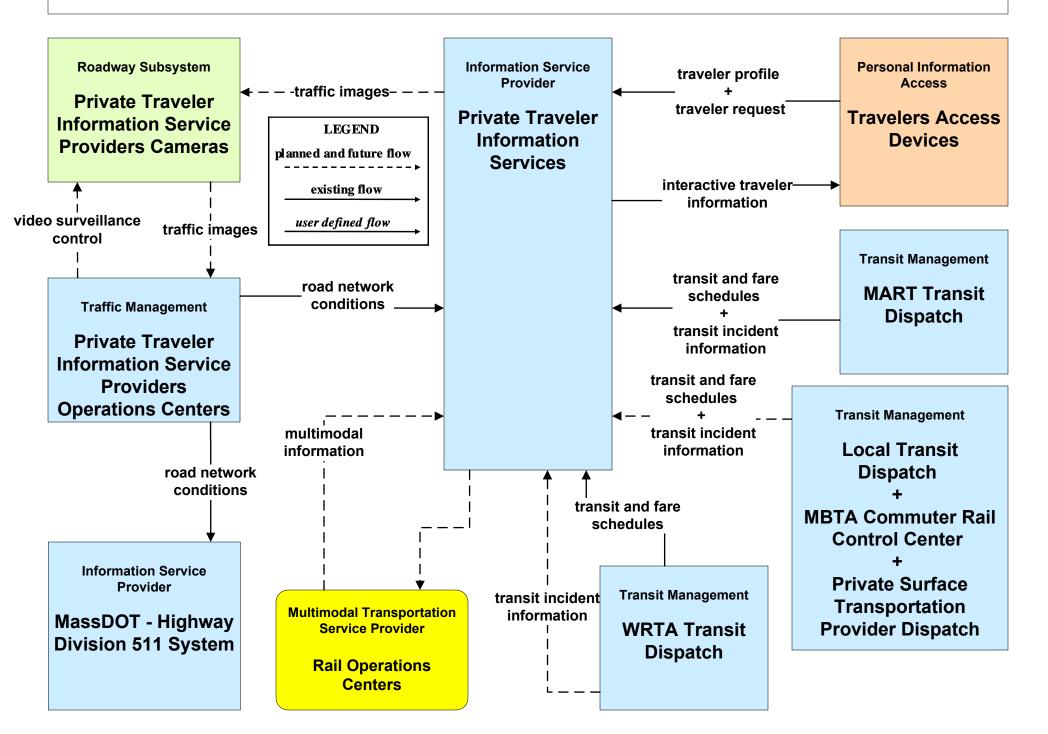
Transit Management WRTA Transit Dispatch	 ← — — – -transit vehicle loading data— — — — 	Transit Vehicle Subsystem WRTA Fixed Route Transit Vehicles



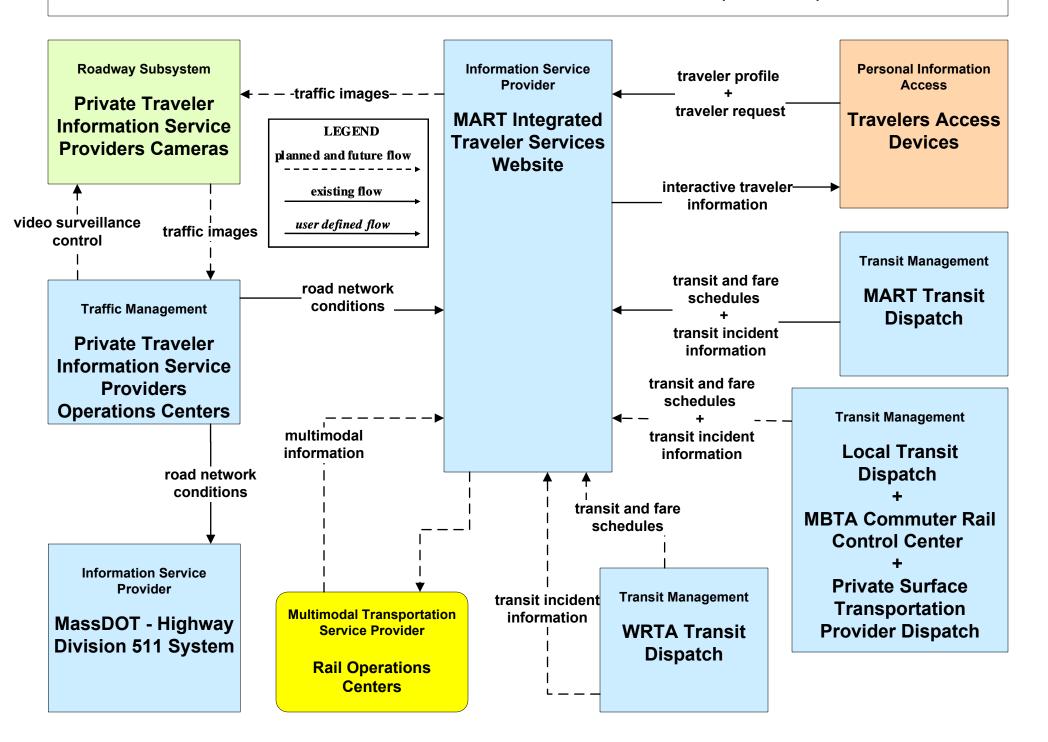
ATIS02 - Interactive Traveler Information MassDOT - Highway Division



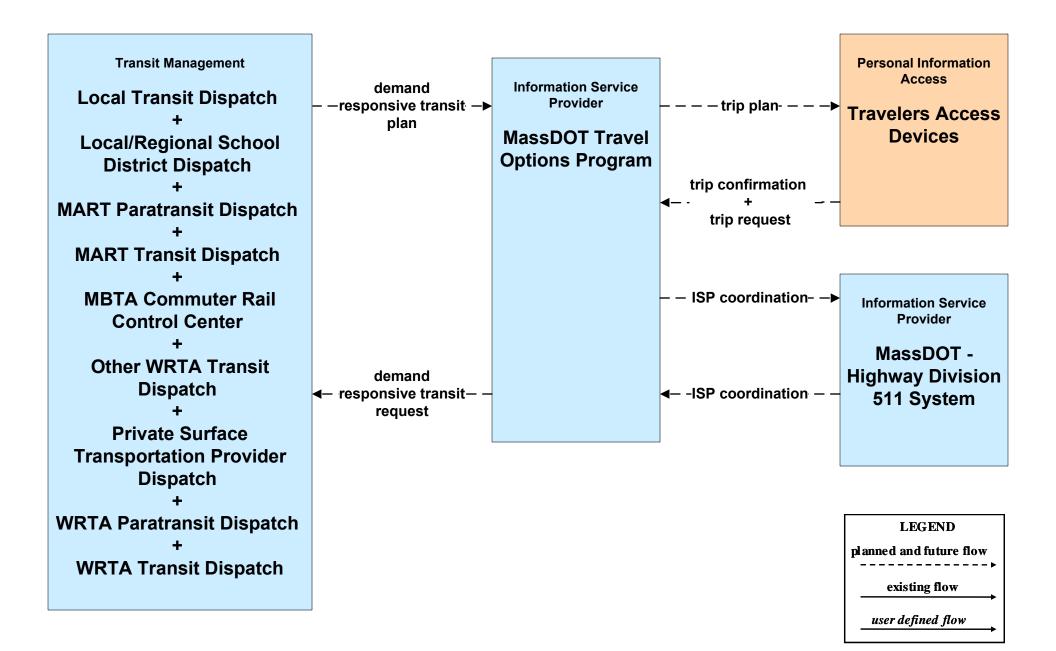
ATIS02 - Interactive Traveler Information MART / Private Traveler Information Service Providers (Part 1 of 2)



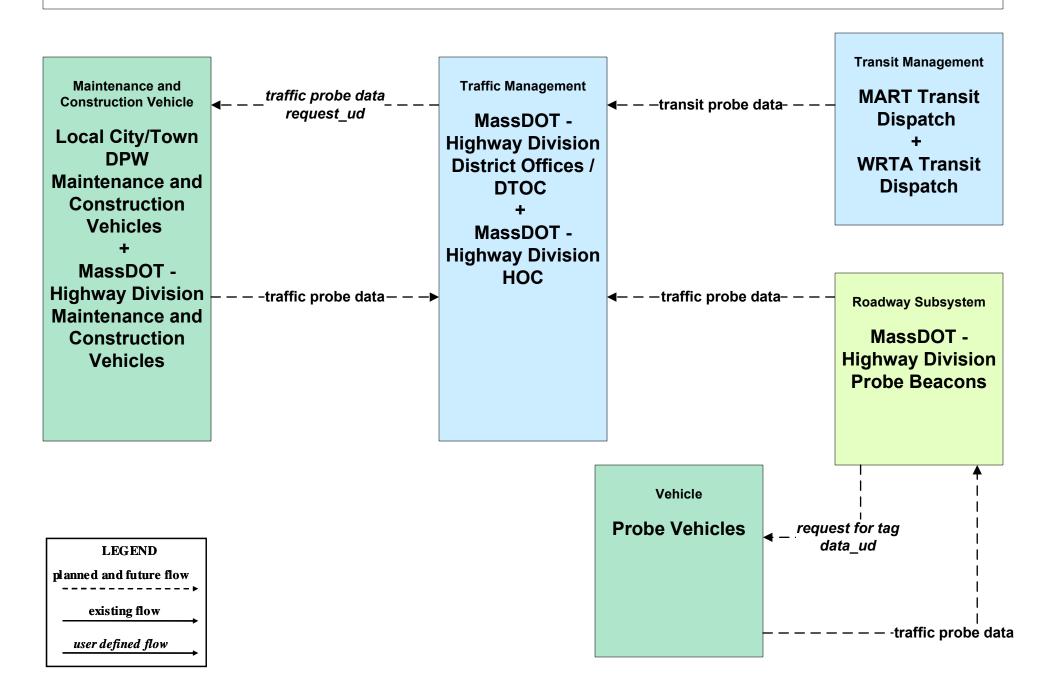
ATIS02 - Interactive Traveler Information MART / Private Traveler Information Service Providers (Part 2 of 2)



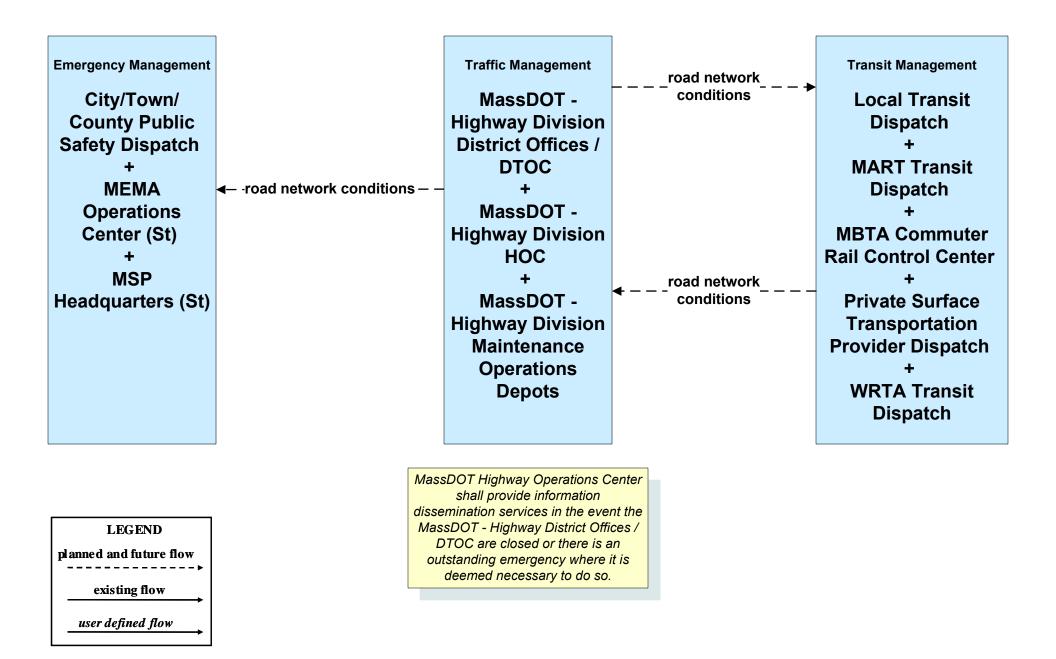
ATIS08 - Dynamic Ridesharing MassDOT

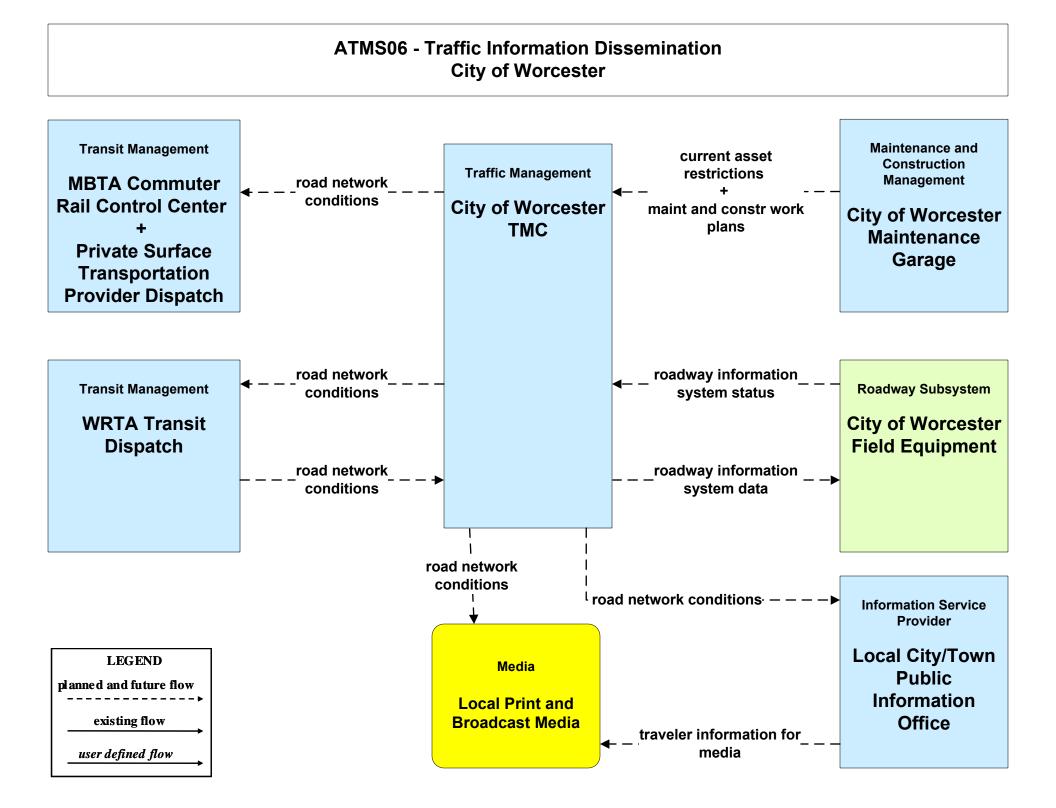


ATMS02 - Probe Surveillance MassDOT - Highway Division

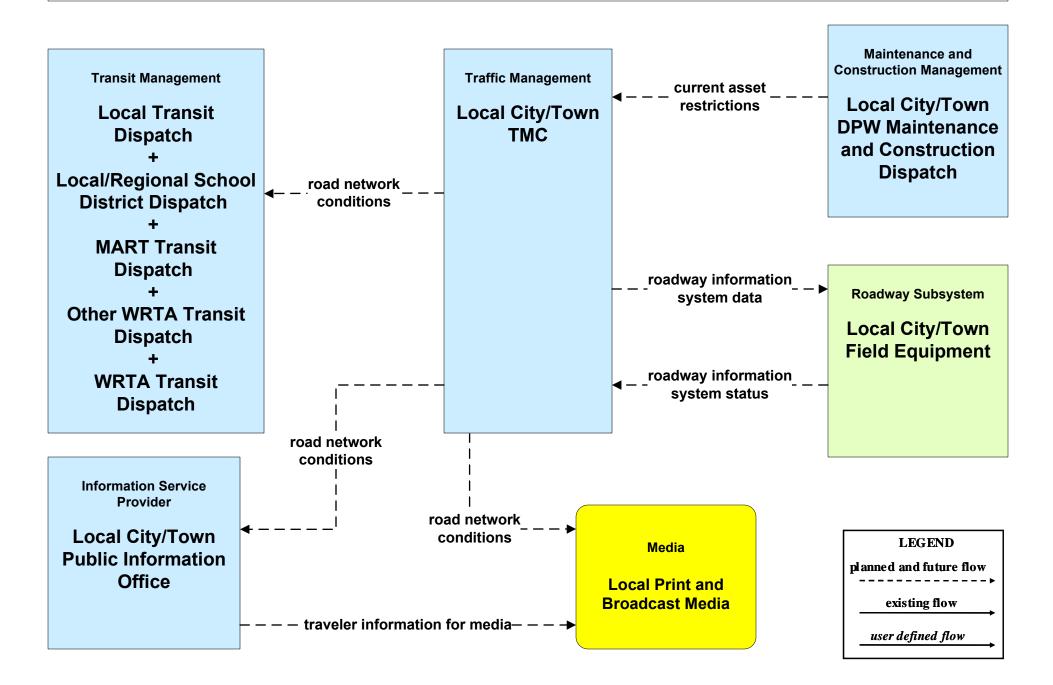


ATMS06 - Traffic Information Dissemination MassDOT - Highway Division (2 of 2)

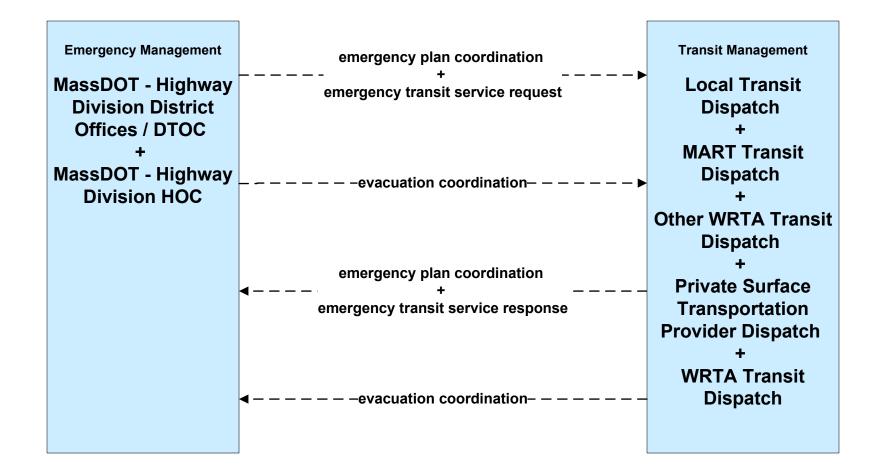




ATMS06 - Traffic Information Dissemination Local City/Town

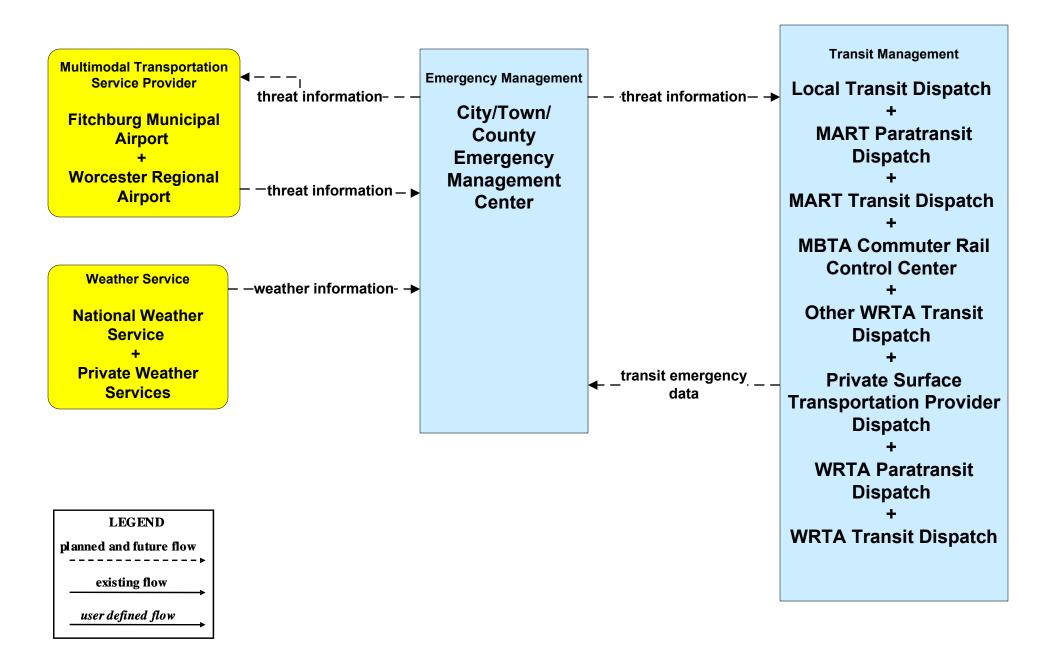


ATMS08 - Incident Management MassDOT - Highway Division (EM to Transit)

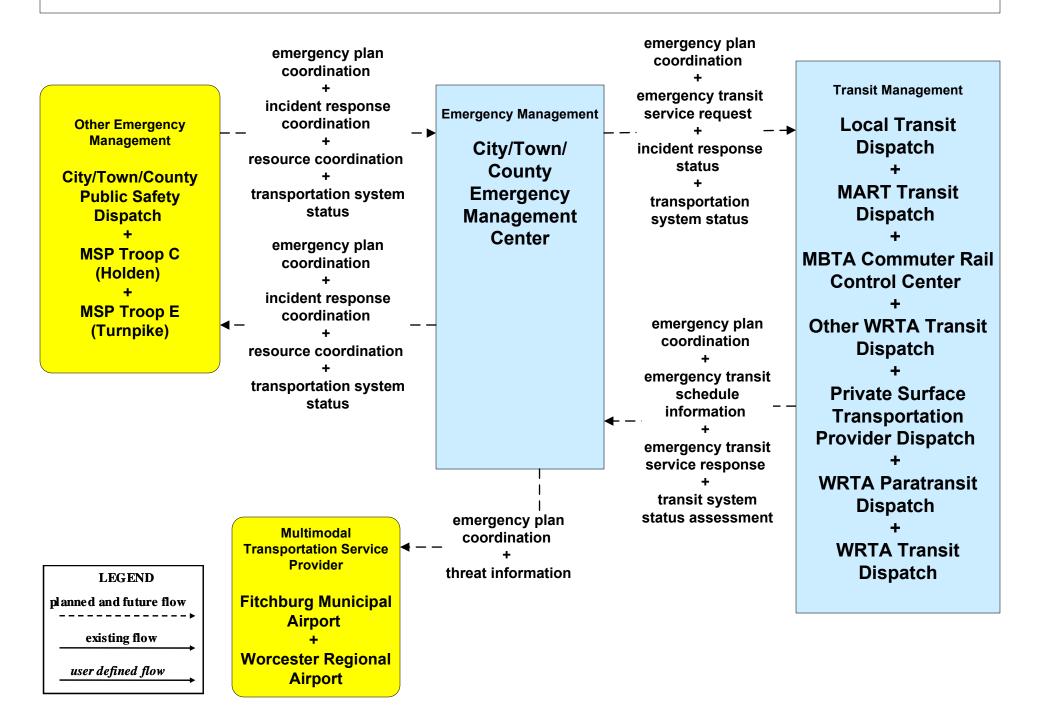


LEGEND planned and future flow existing flow user defined flow

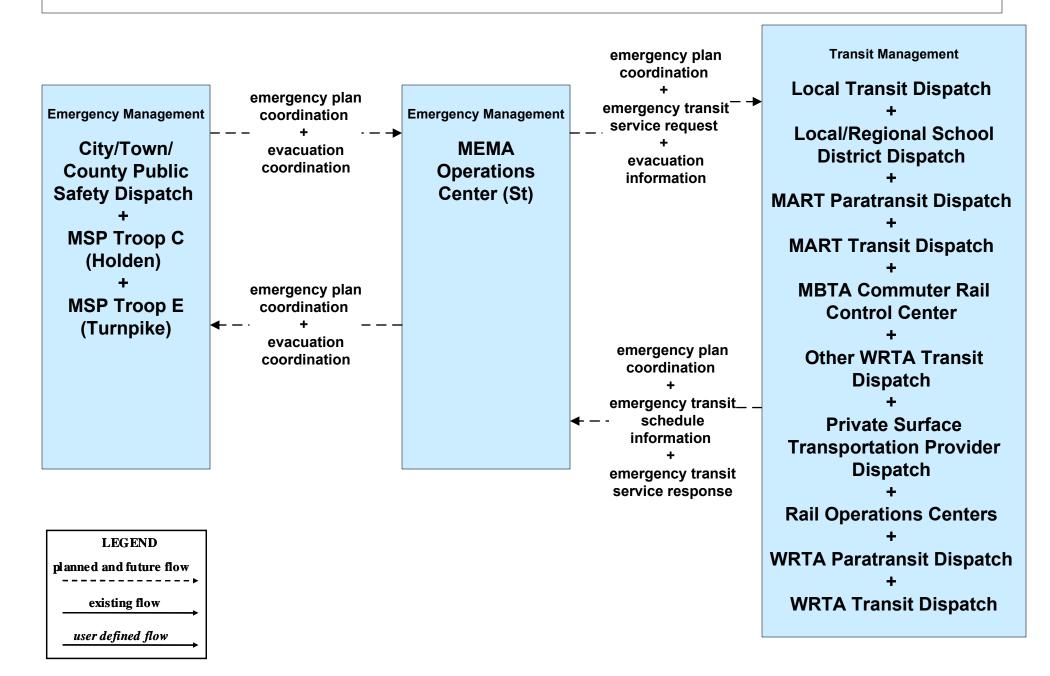
EM07 - Early Warning System City/Town/County Emergency Management Center (2 of 2)



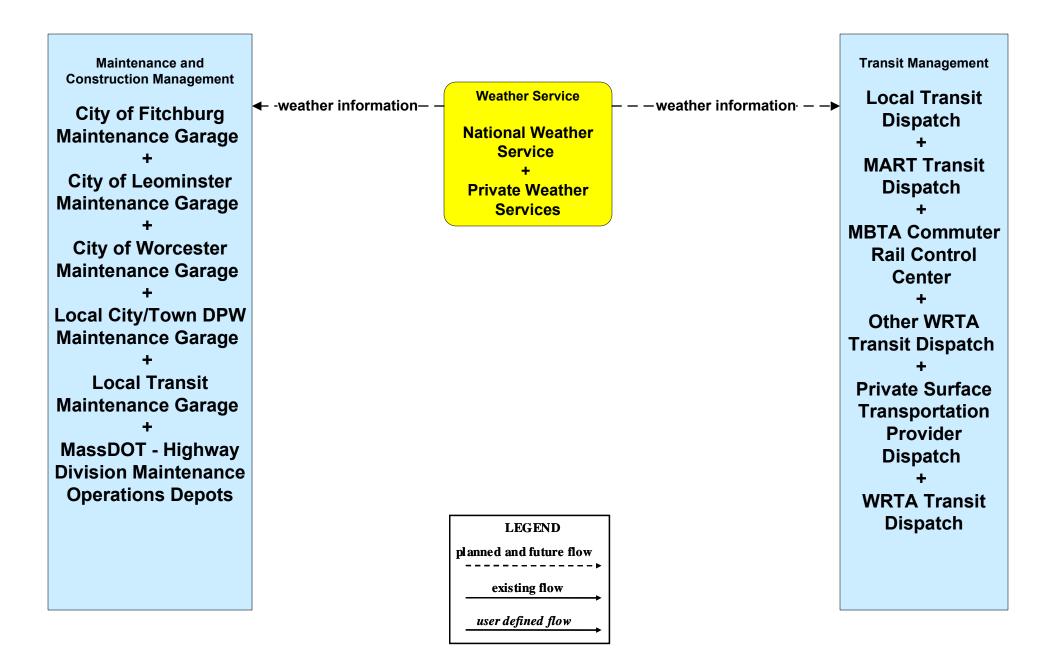
EM08 - Disaster Response City/Town/County (2 of 2) (EM to Other EM, EM to TRMS)



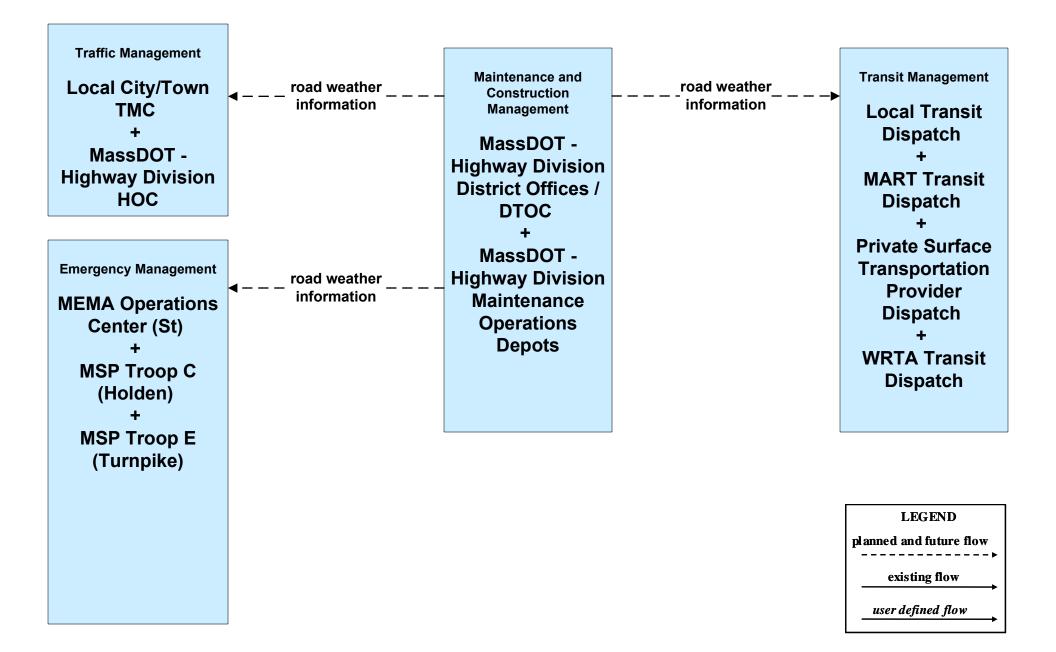
EM09 - Evacuation and Reentry Management MEMA (2 of 2) (EM to EM, EM to TRMS)



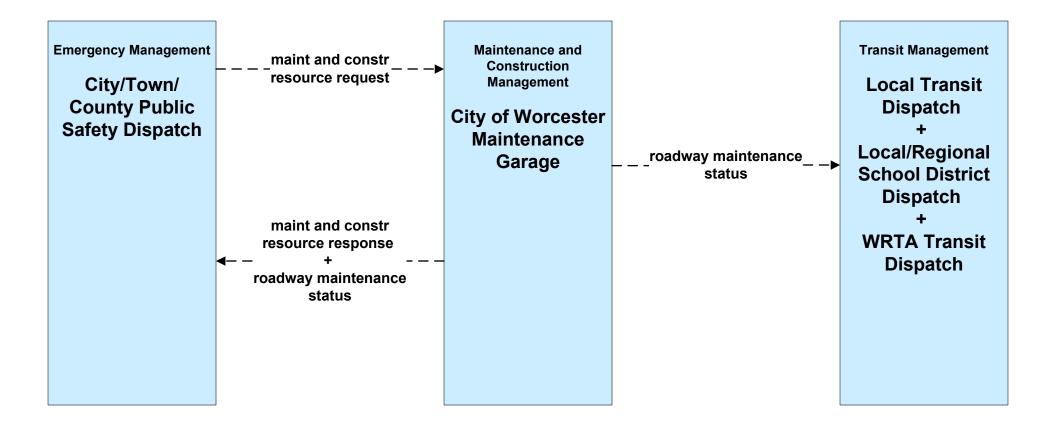
MC04 - Weather Information Processing and Distribution National Weather Service (1 of 2)

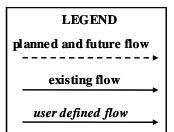


MC04 - Weather Information Processing and Distribution MassDOT - Highway Division (1 of 2)

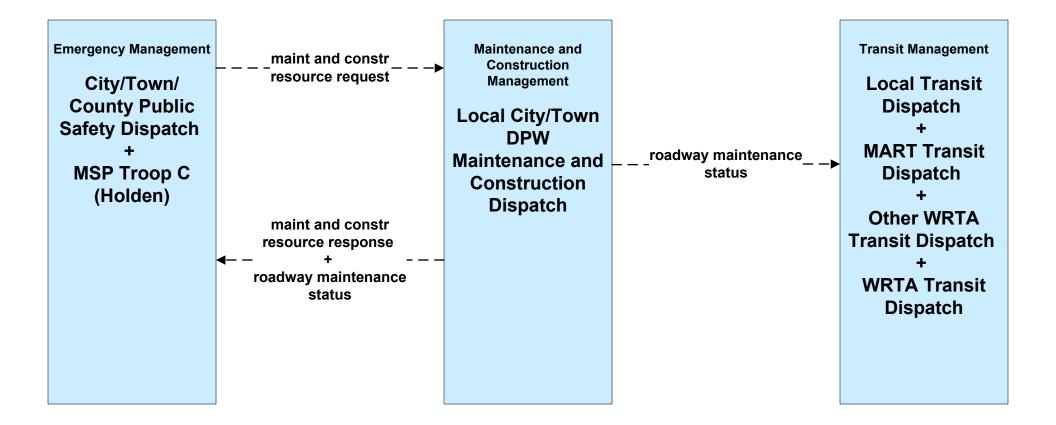


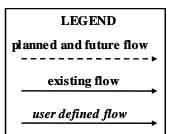
MC06 - Winter Maintenance City of Worcester (2 of 2)



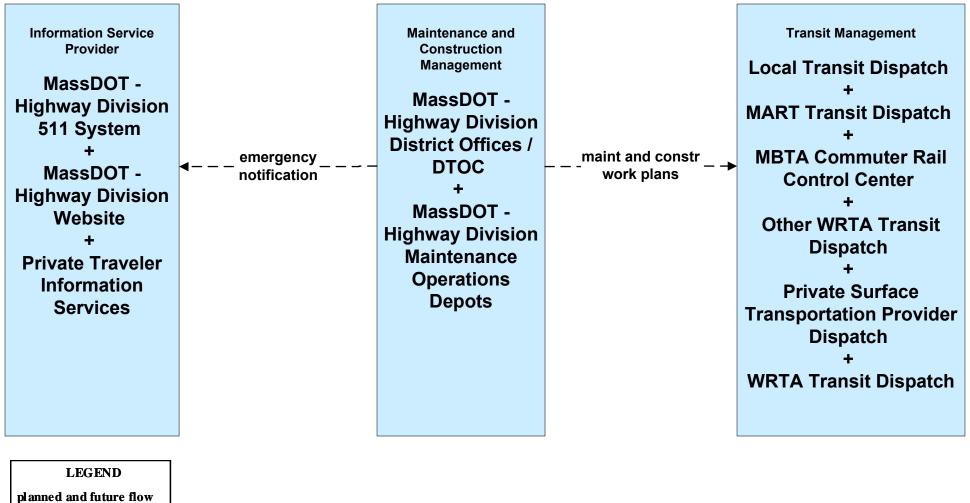


MC06 - Winter Maintenance Local City/Town (2 of 2)





MC10 - Maintenance and Construction Activity Coordination MassDOT - Highway Division (2 of 2)



existing flow

user defined flow