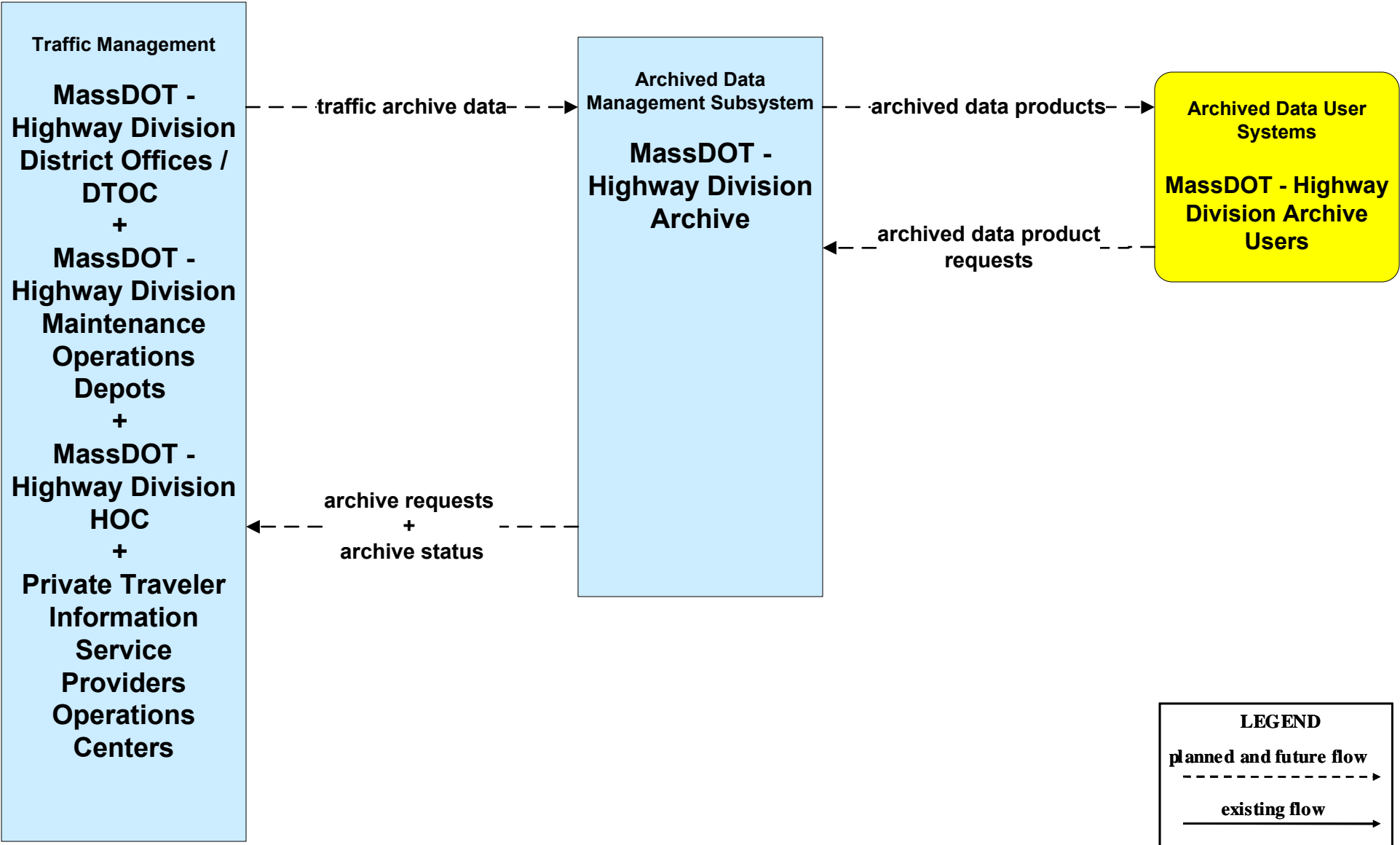


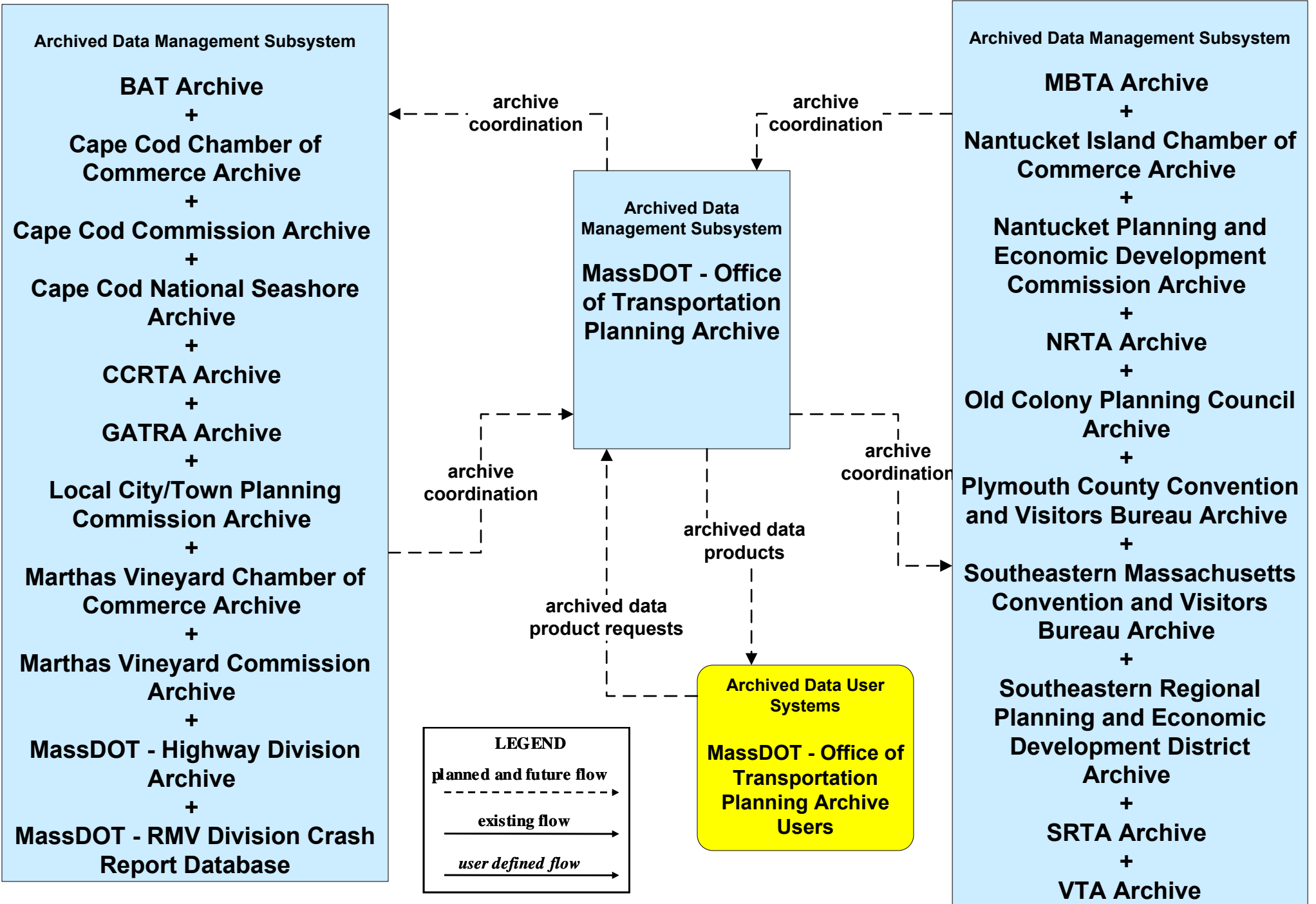
**AD1 - ITS Data Mart
MassDOT – Highway Division**



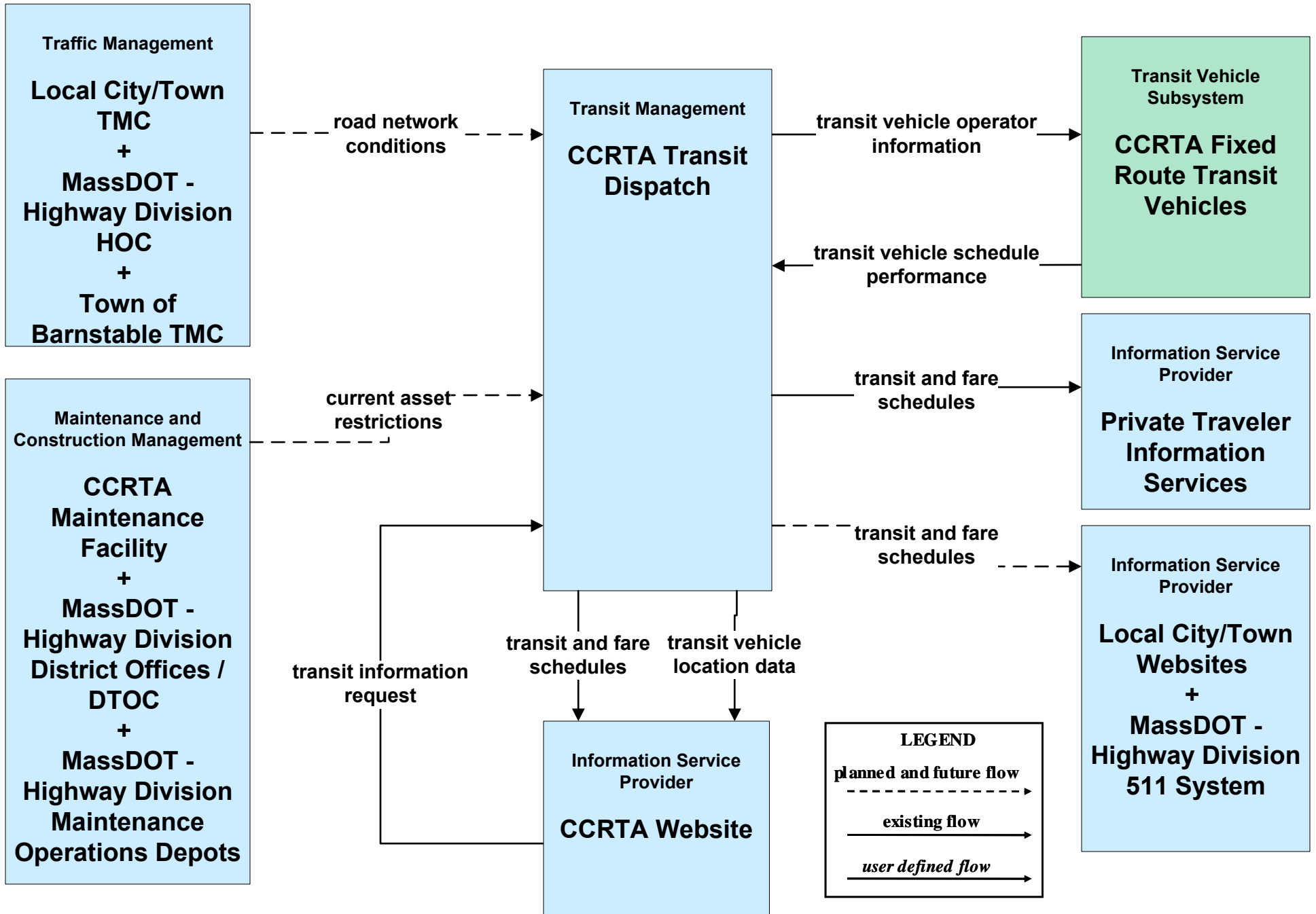
LEGEND

- planned and future flow* (dashed line with arrowhead)
- existing flow* (solid line with arrowhead)
- user defined flow* (solid line with arrowhead)

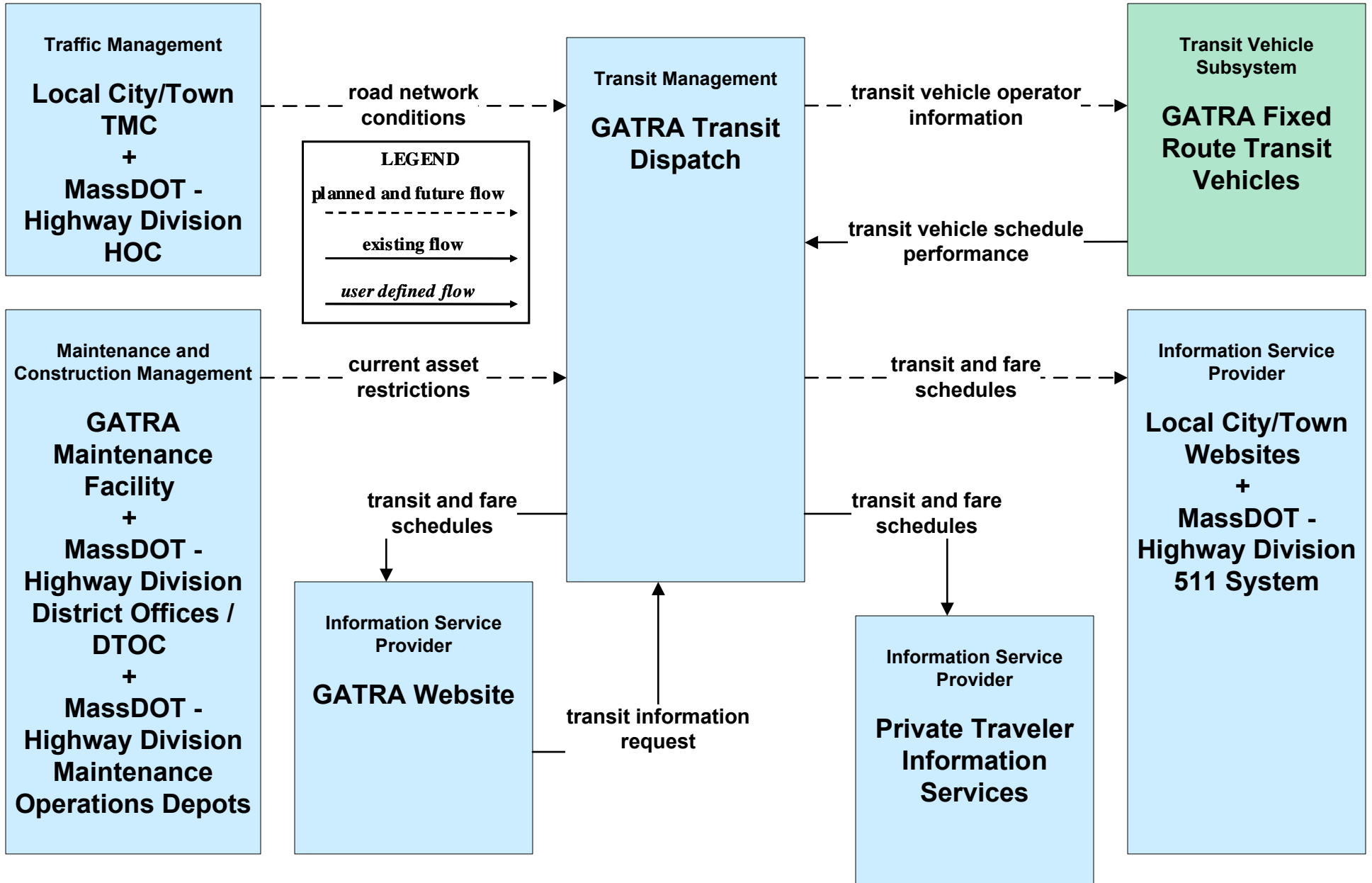
**AD3 - ITS Virtual Data Warehouse
MassDOT – Office of Transportation Planning**



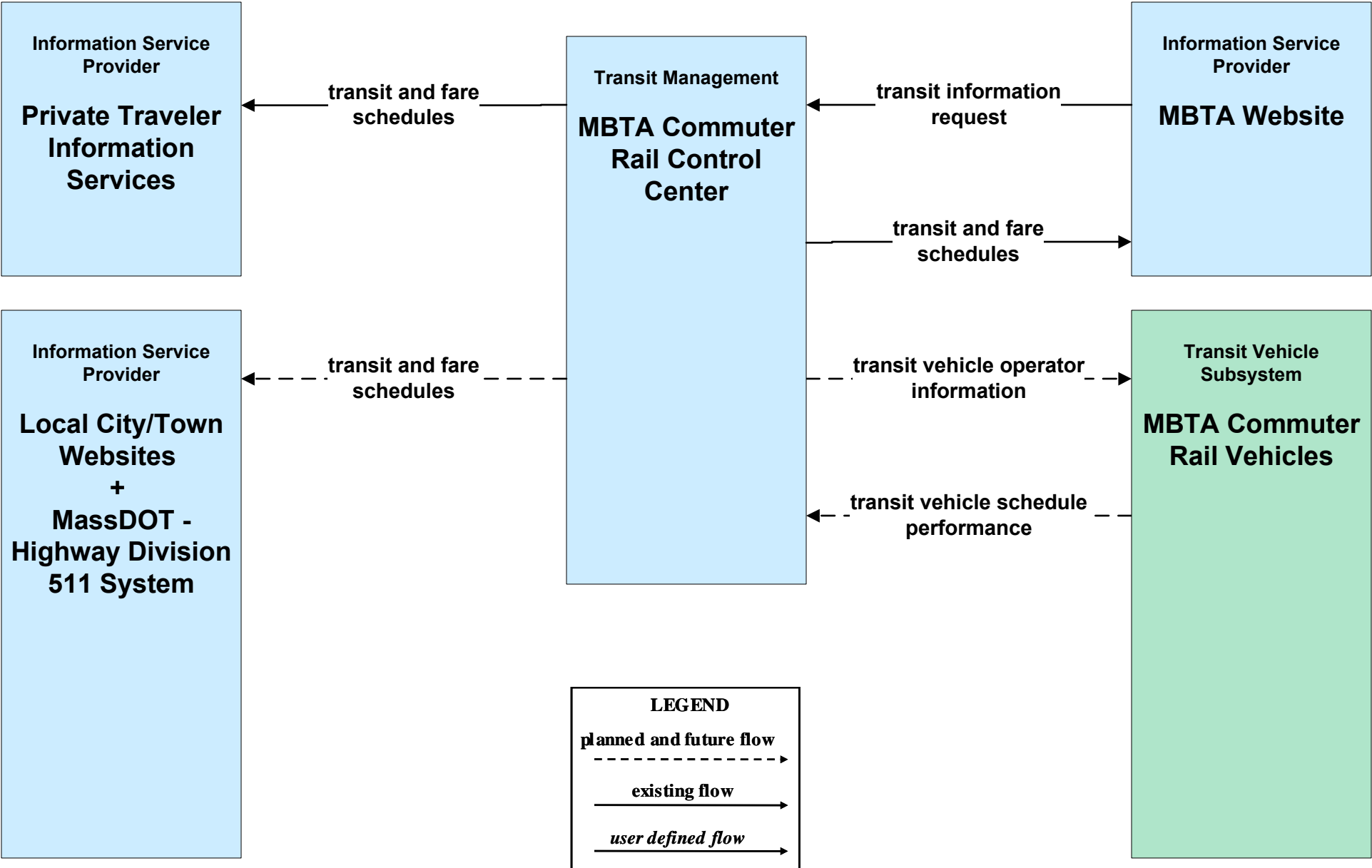
APTS02 - Transit Fixed-Route Operations CCRTA



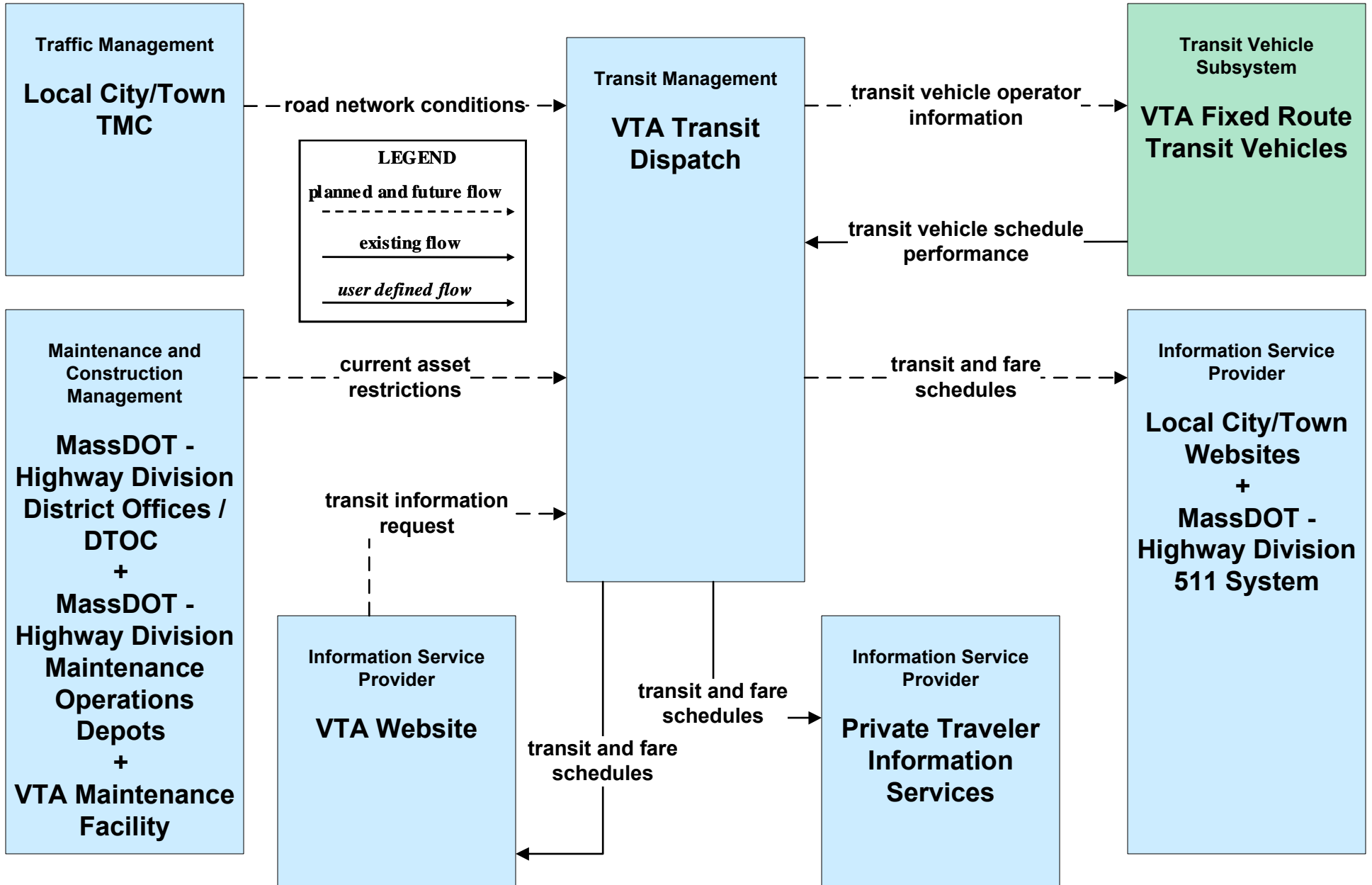
**APTS02 - Transit Fixed-Route Operations
GATRA**



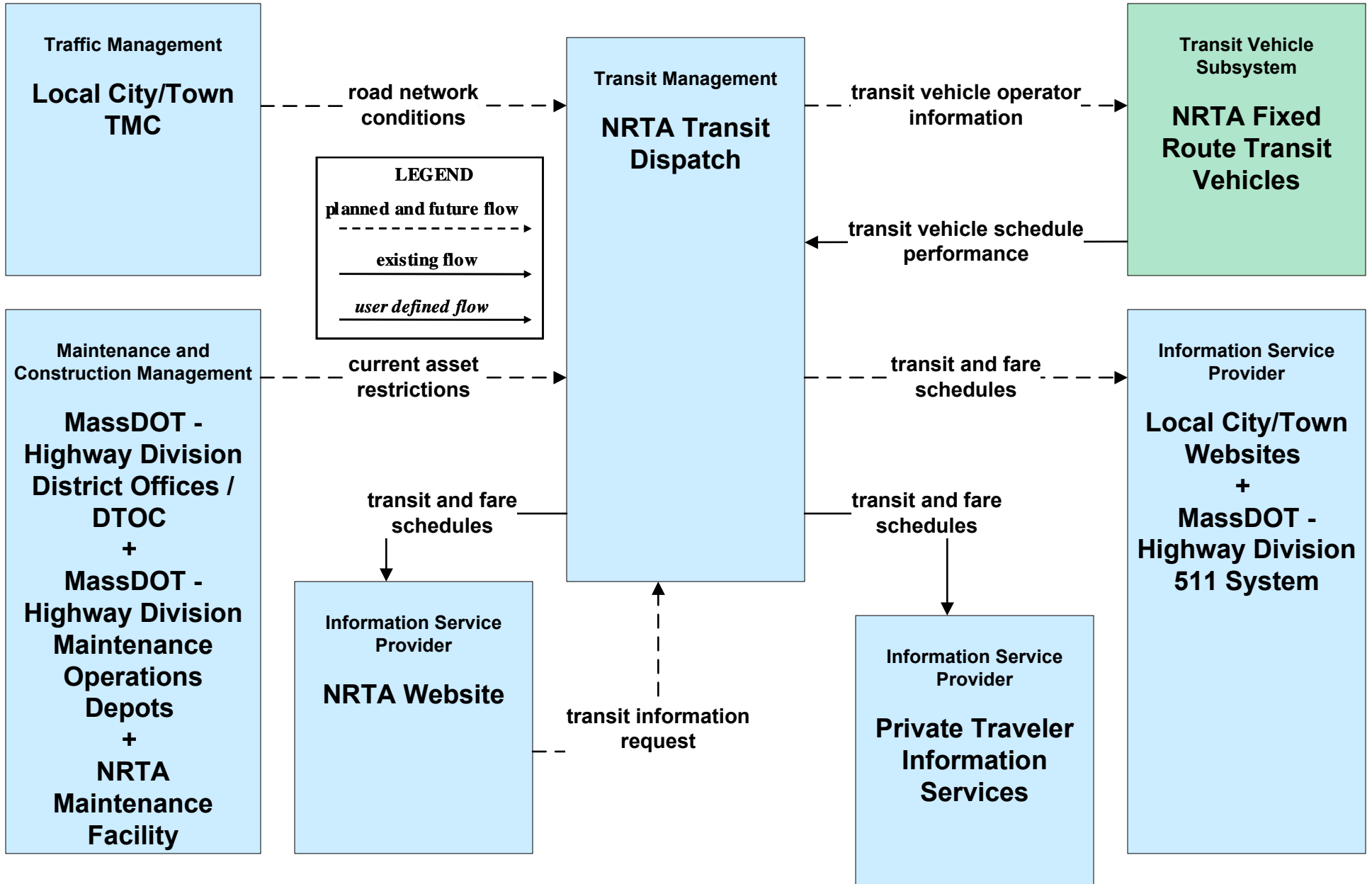
**APTS02 - Transit Fixed-Route Operations
MBTA**



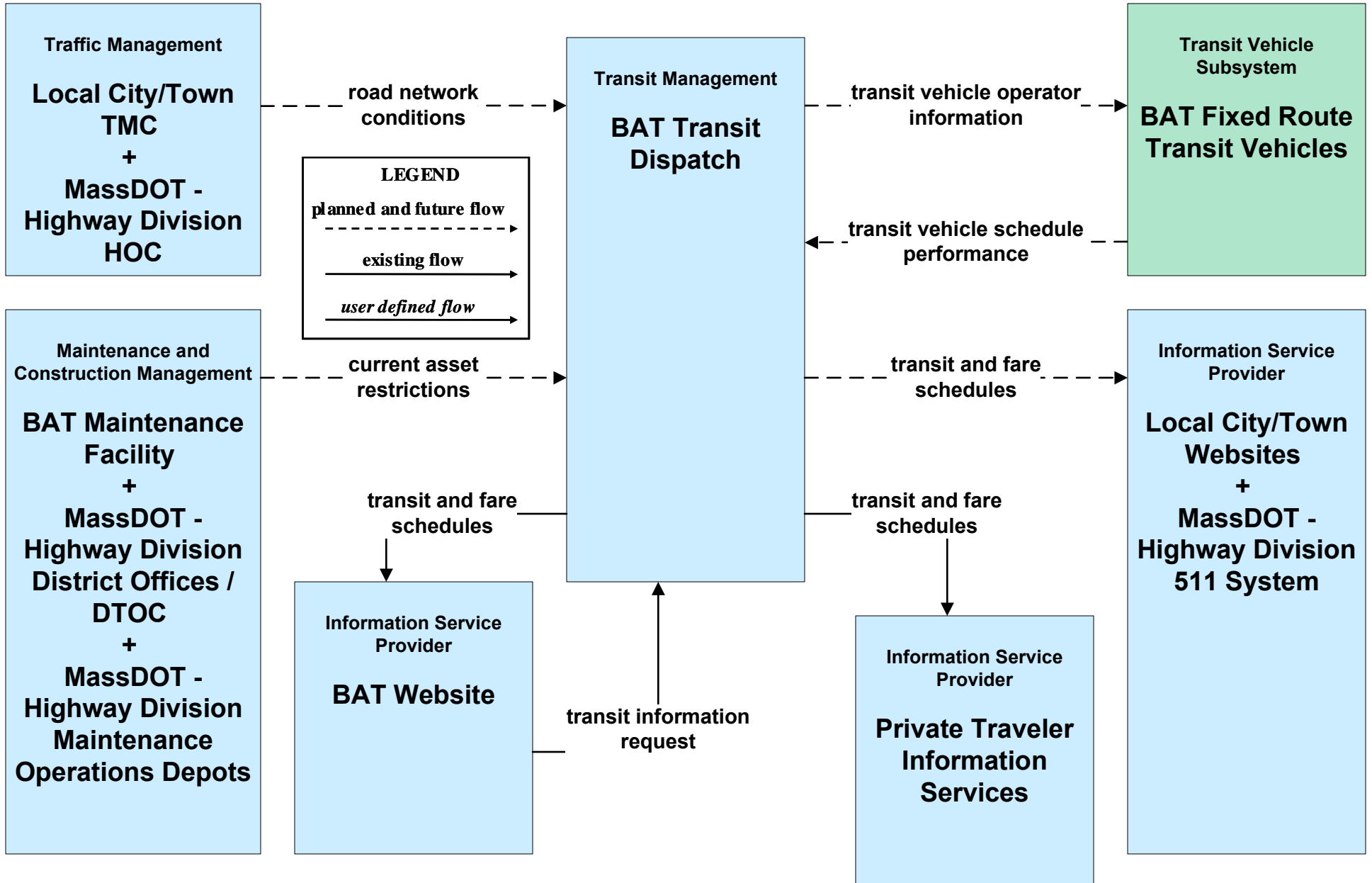
APTS02 - Transit Fixed-Route Operations VTA



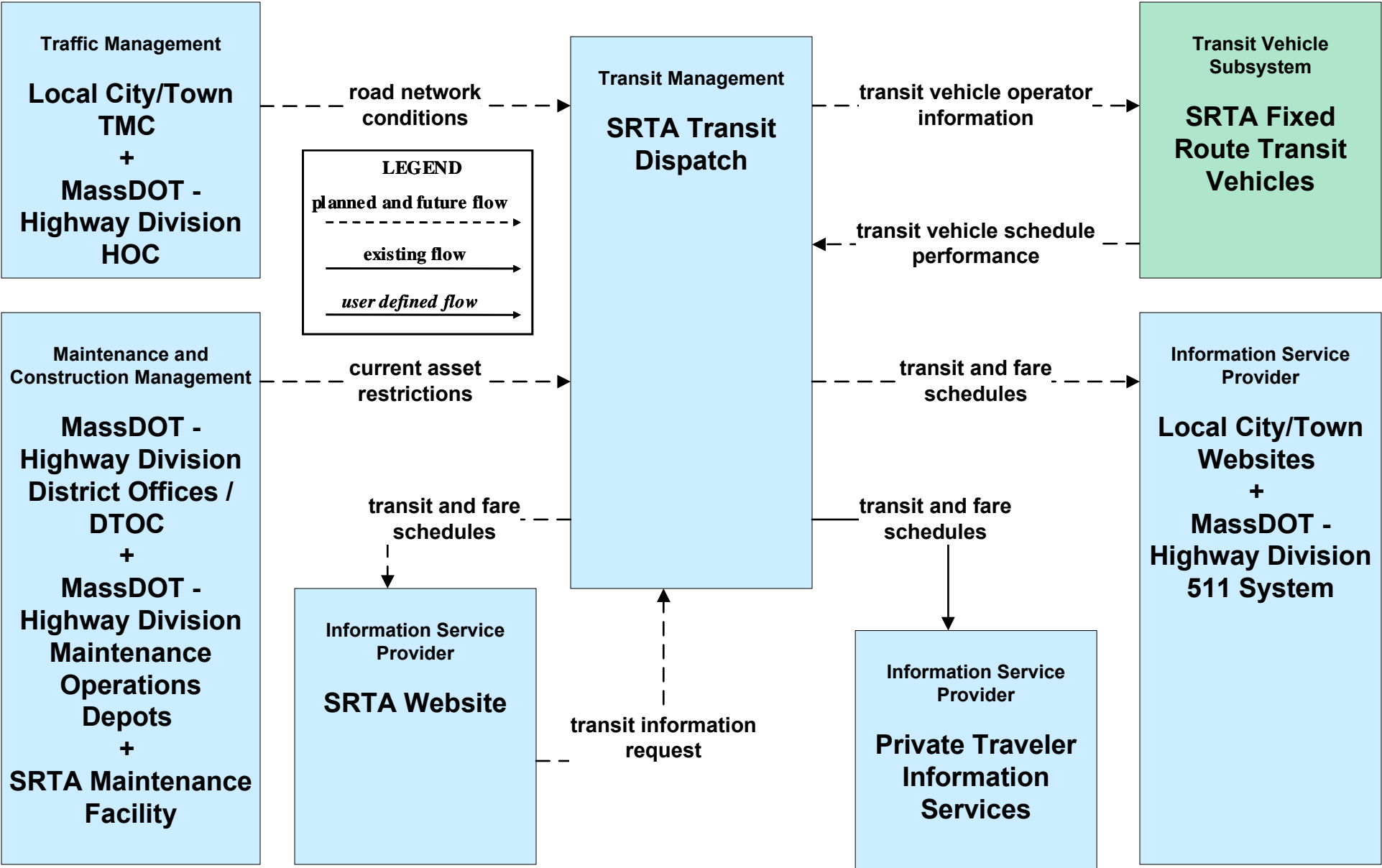
APTS02 - Transit Fixed-Route Operations NRTA



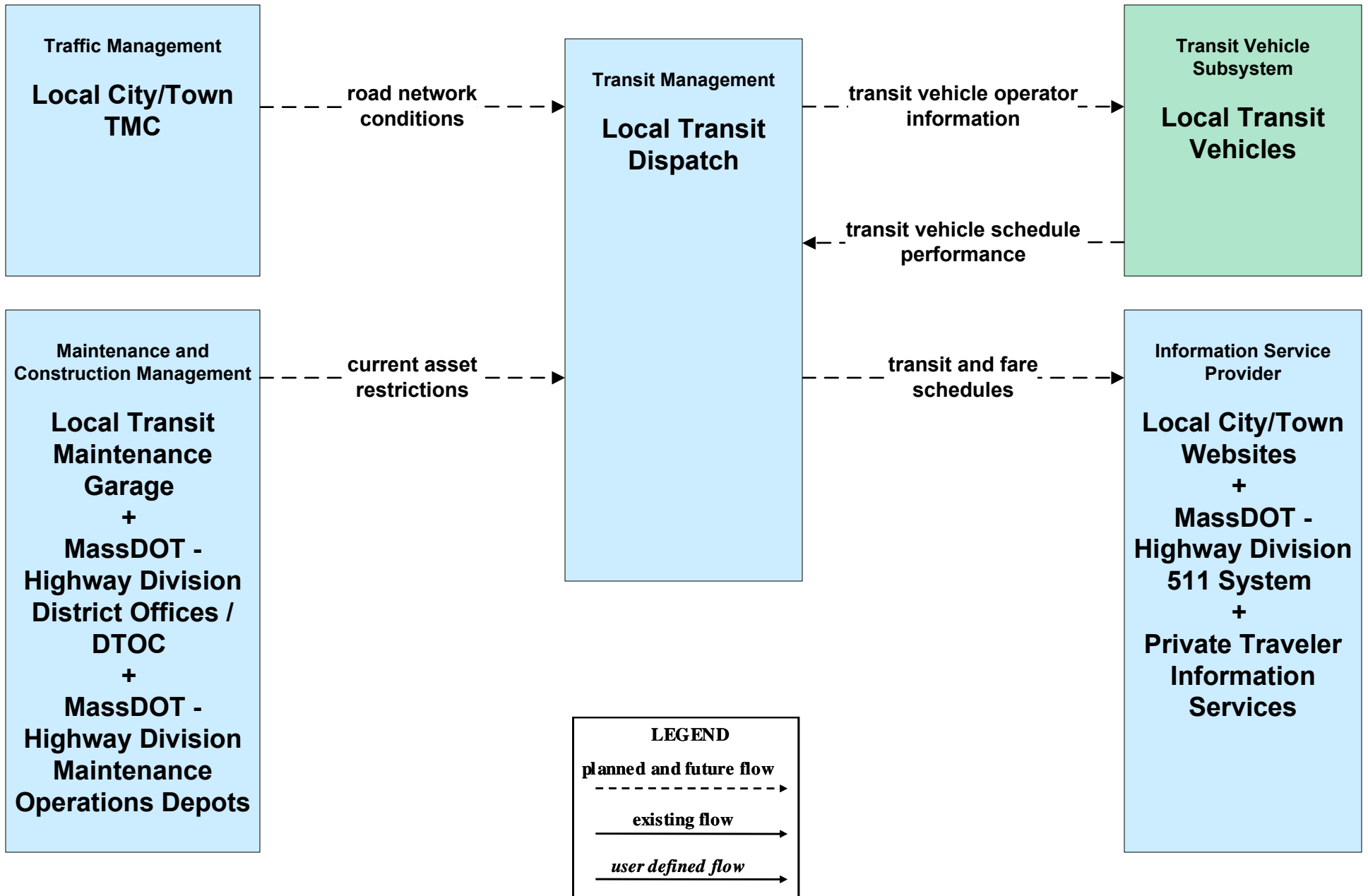
APTS02 - Transit Fixed-Route Operations BAT



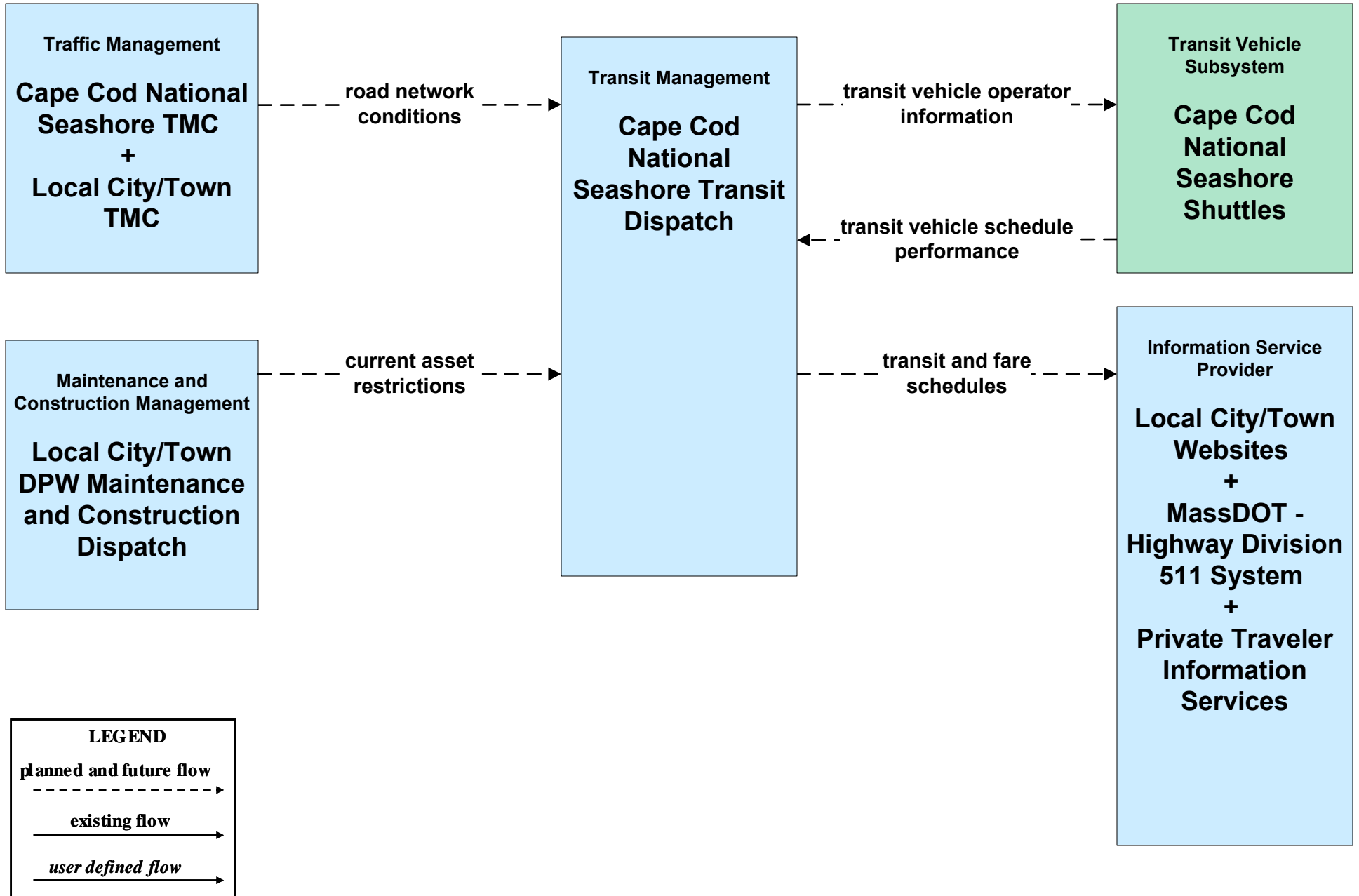
**APTS02 - Transit Fixed-Route Operations
SRTA**



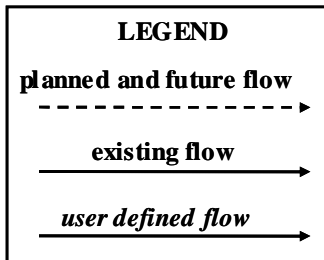
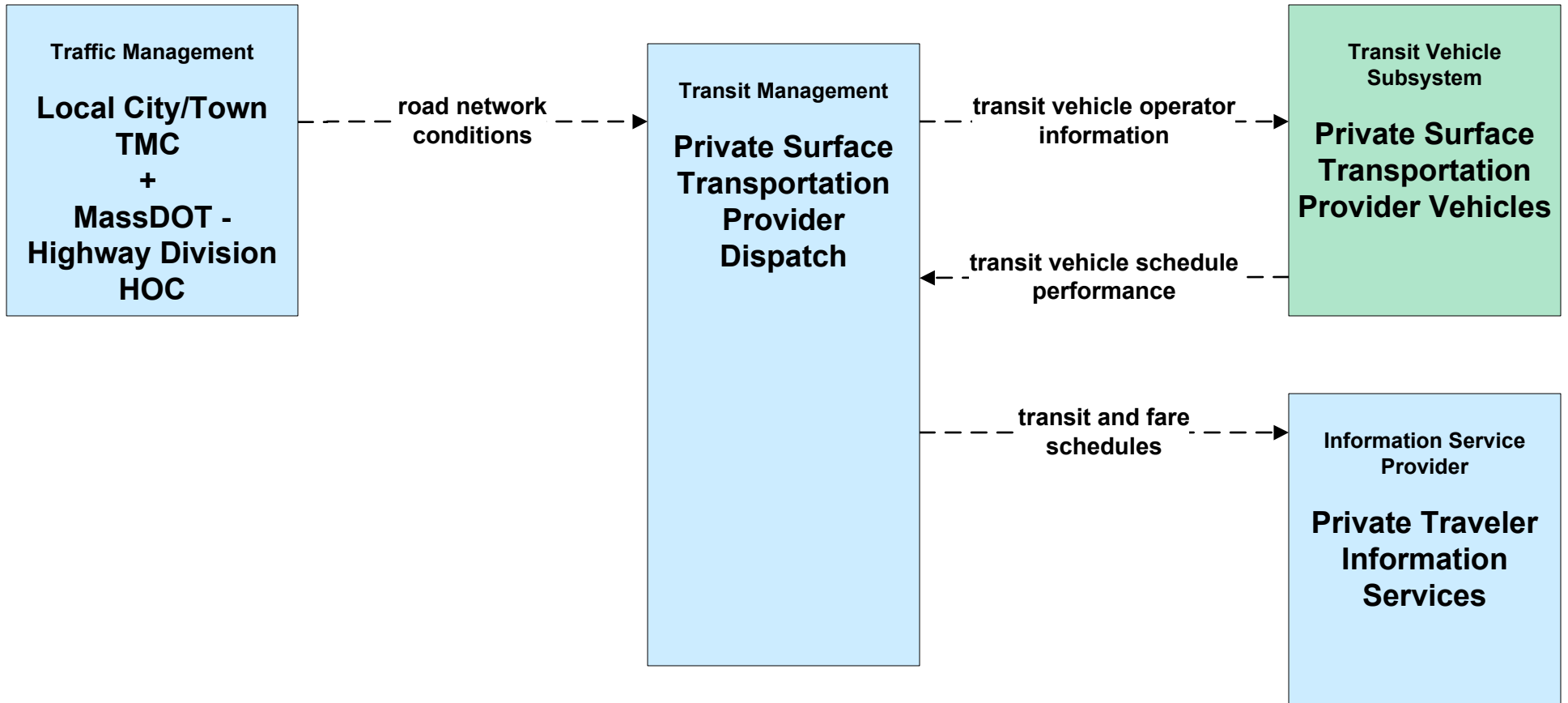
**APTS02 - Transit Fixed-Route Operations
Local Transit**



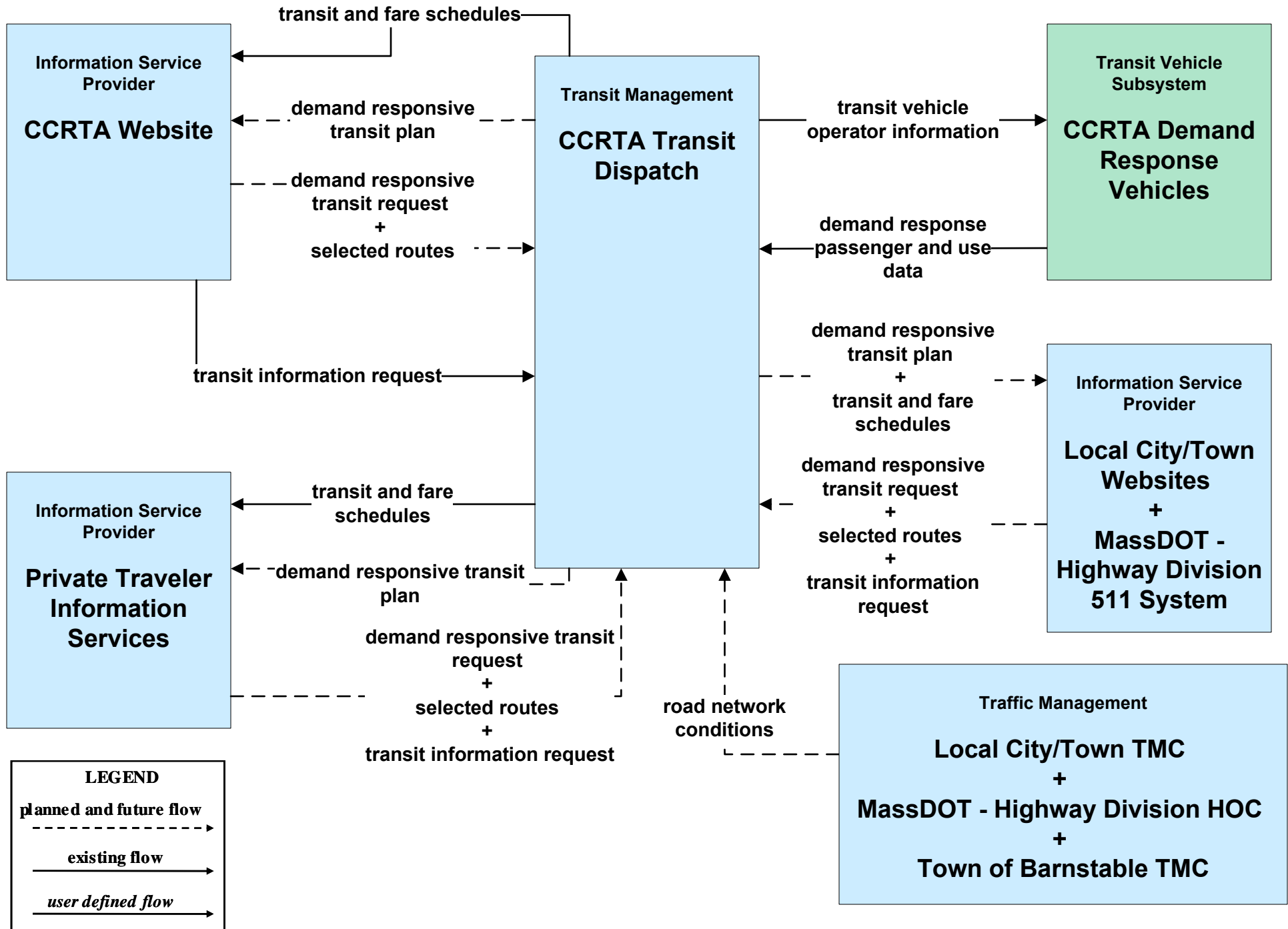
**APTS02 - Transit Fixed-Route Operations
Cape Cod National Seashore Transit Dispatch**



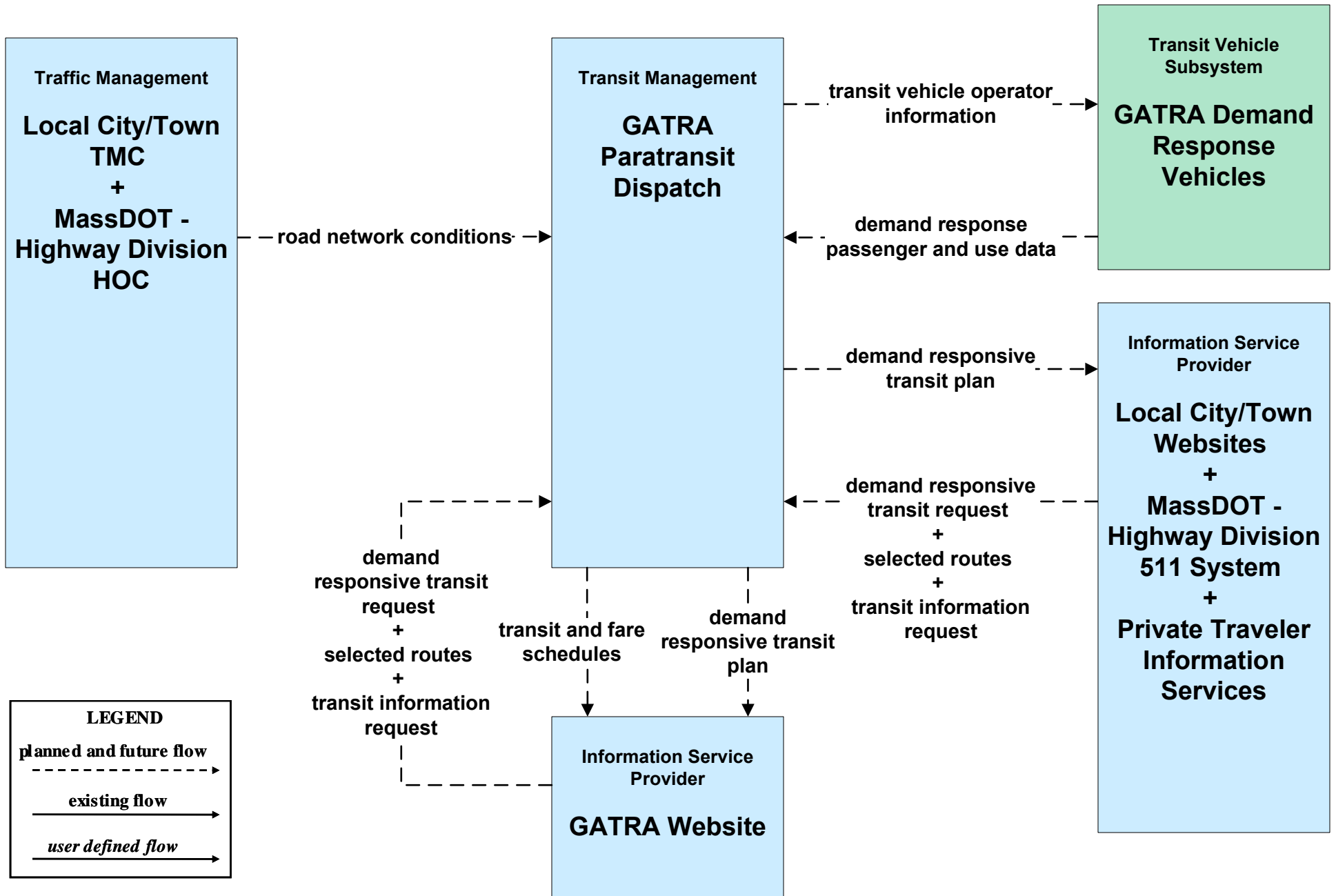
**APTS02 - Transit Fixed-Route Operations
Private Surface Transportation Provider**



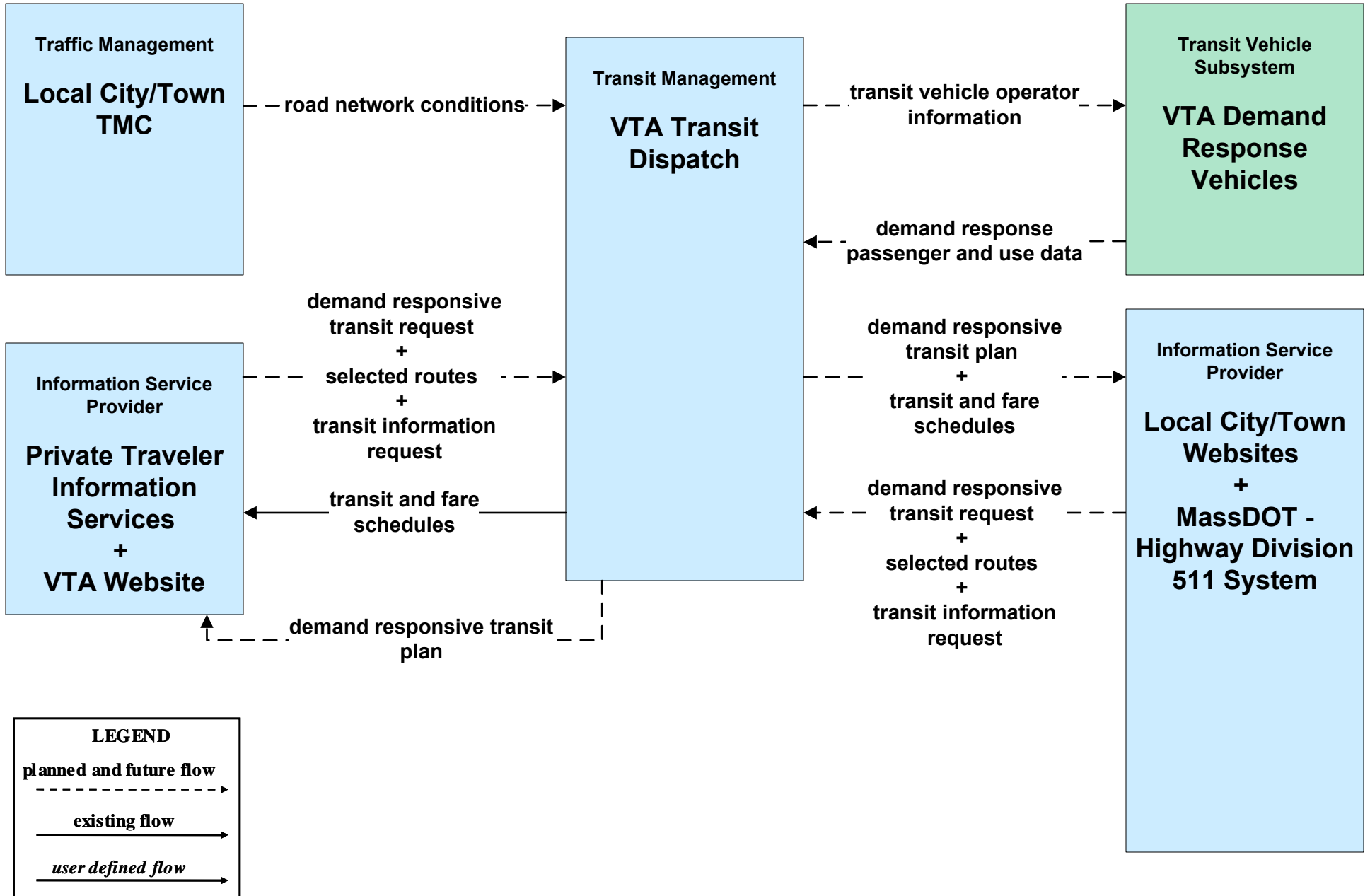
APTS03 - Demand Response and Paratransit Operations CCRTA



APTS03 - Demand Response and Paratransit Operations GATRA



APTS03 - Demand Response and Paratransit Operations VTA



Traffic Management
Local City/Town TMC

Information Service Provider
Private Traveler Information Services + VTA Website

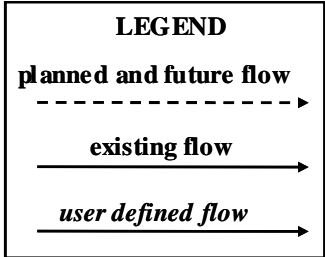
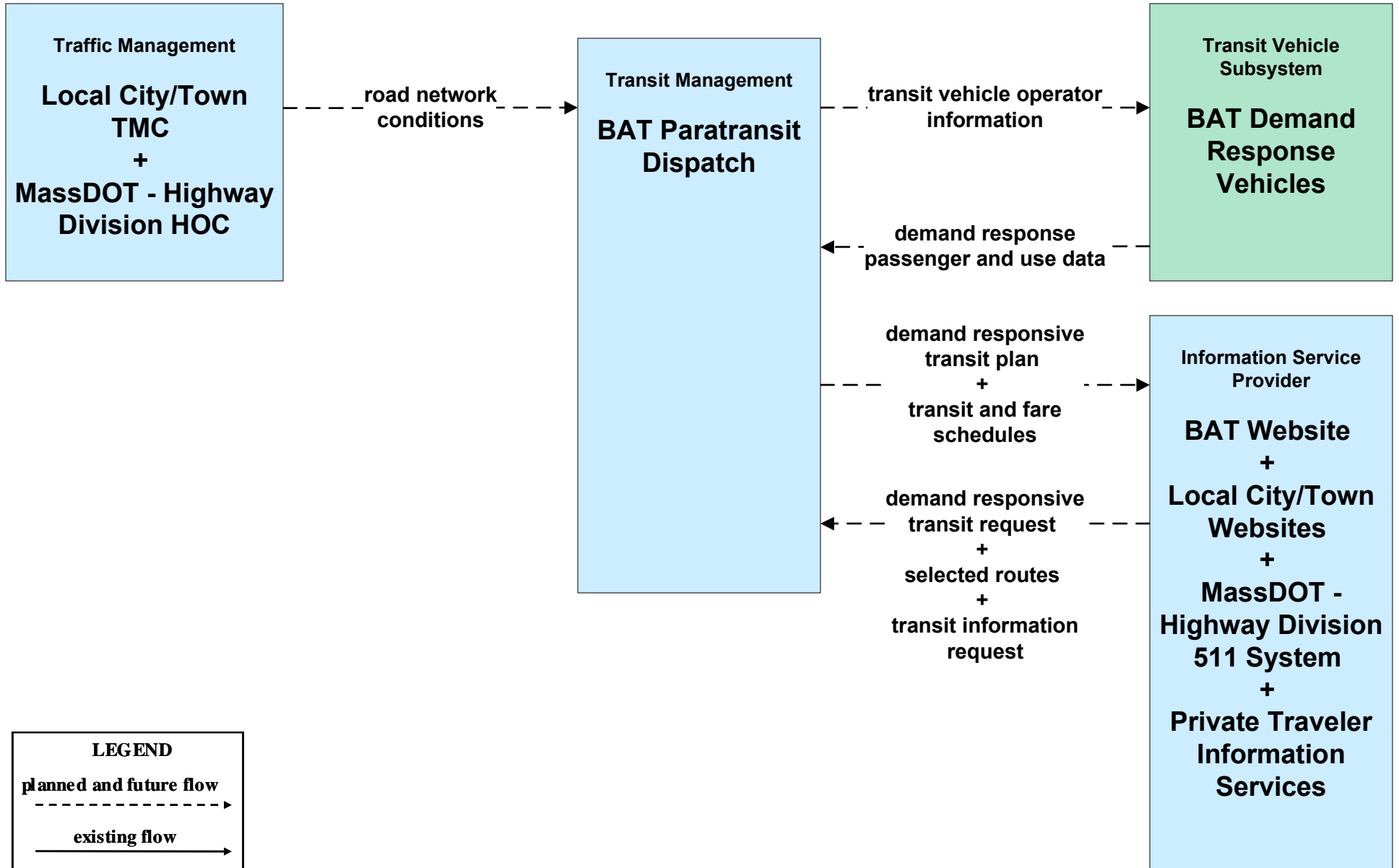
LEGEND
planned and future flow
existing flow
user defined flow

Transit Management
VTA Transit Dispatch

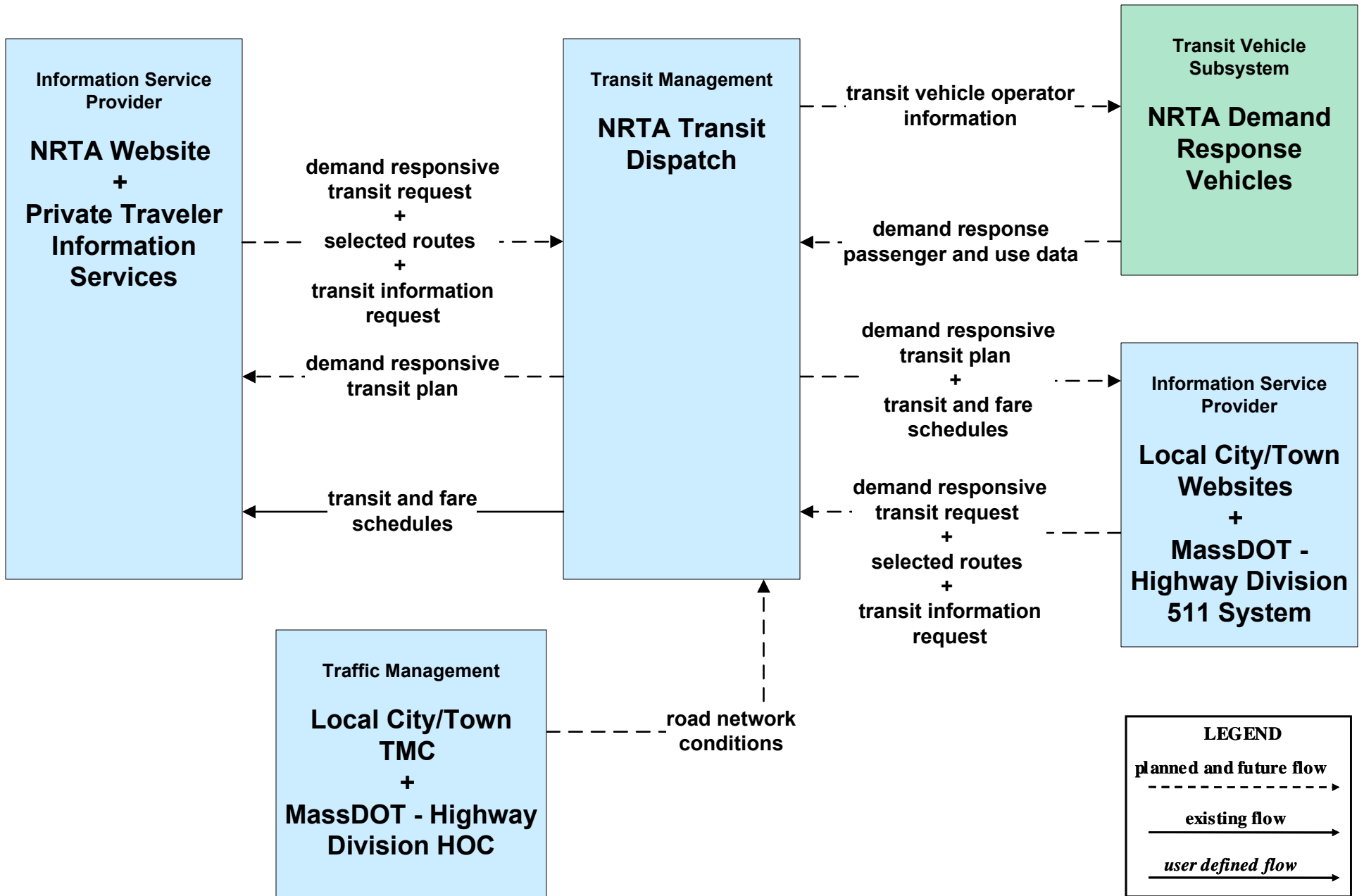
Transit Vehicle Subsystem
VTA Demand Response Vehicles

Information Service Provider
Local City/Town Websites + MassDOT - Highway Division 511 System

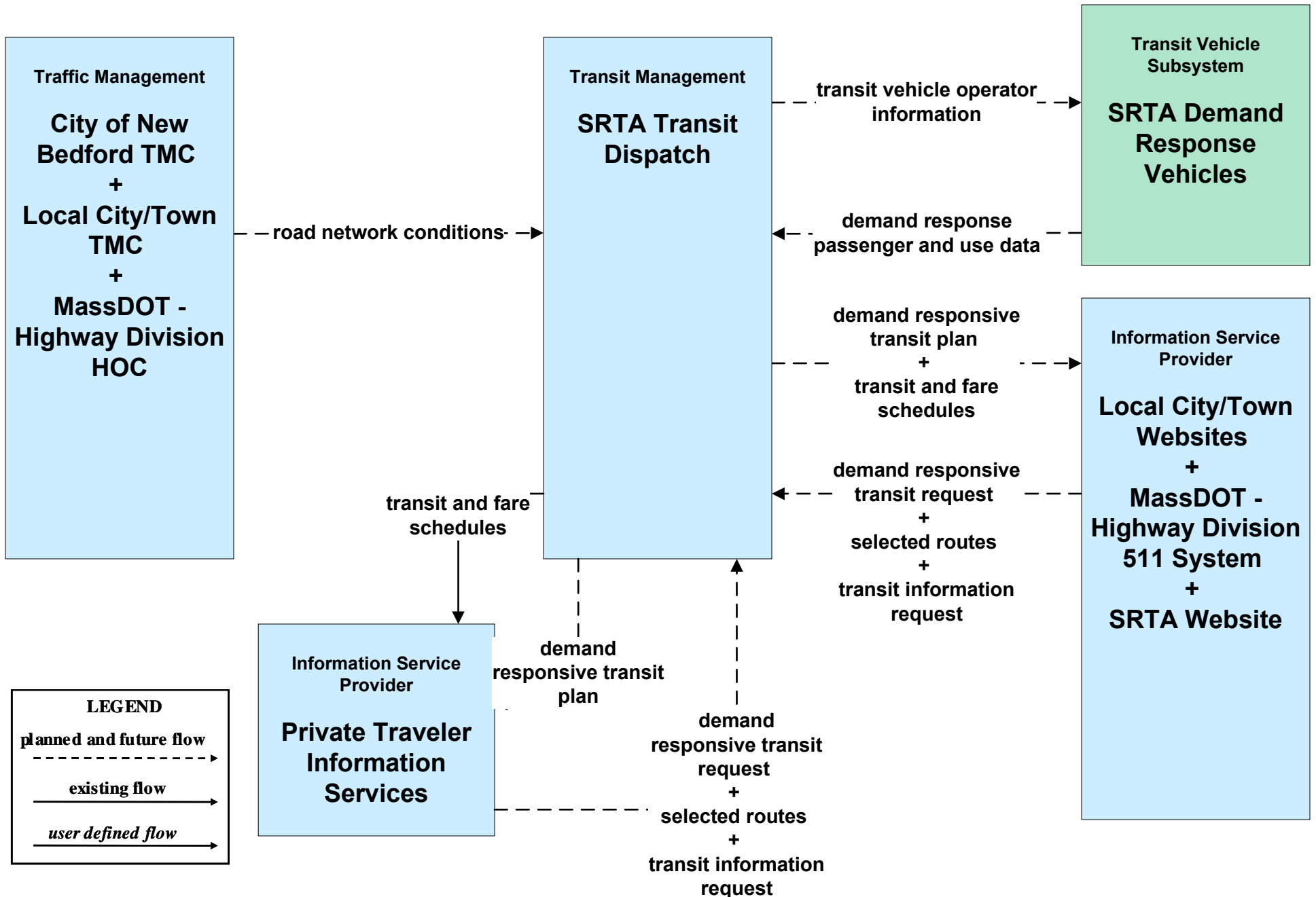
**APTS03 - Demand Response and Paratransit Operations
BAT**



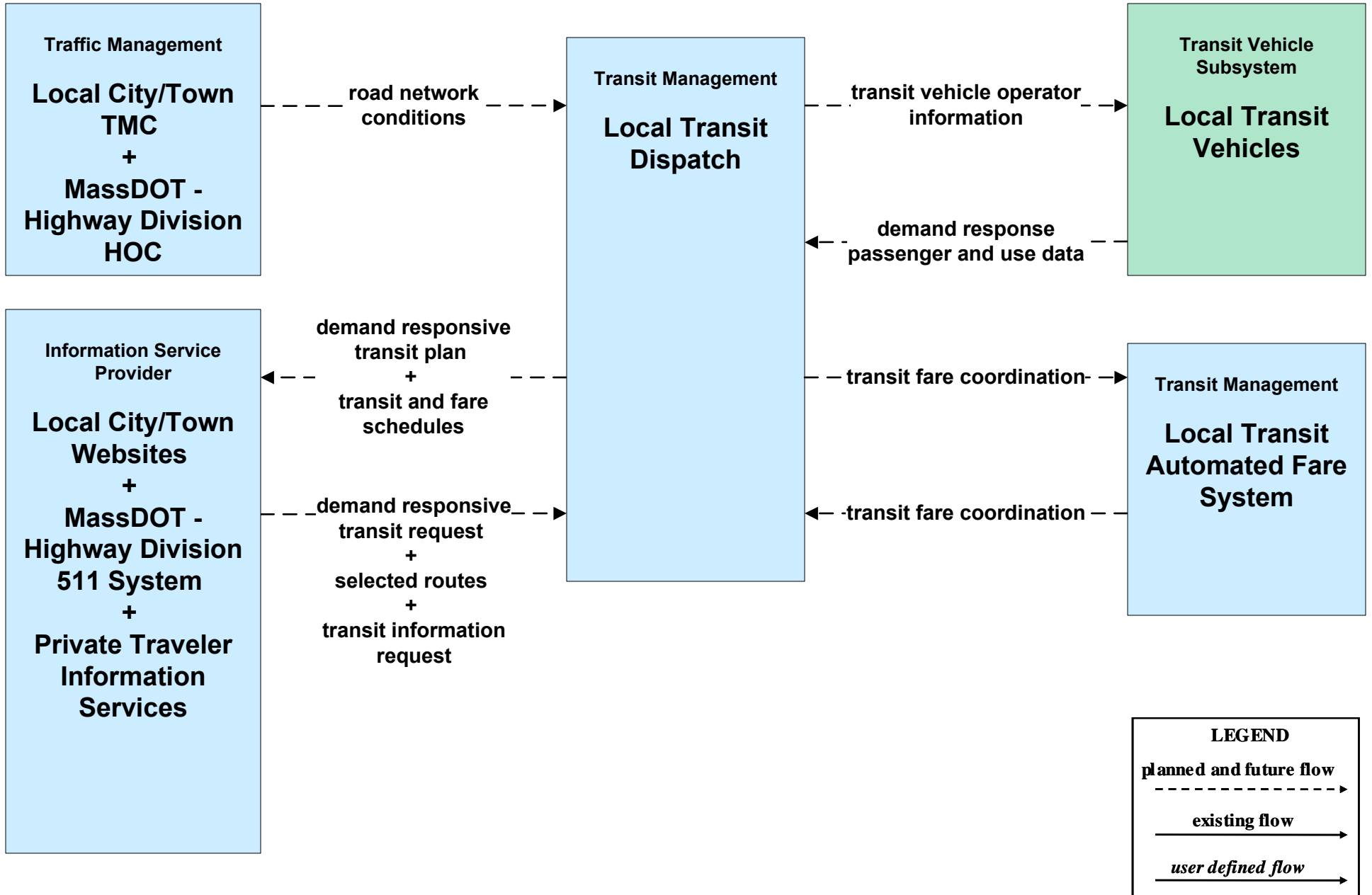
**APTS03 - Demand Response and Paratransit Operations
NRTA**



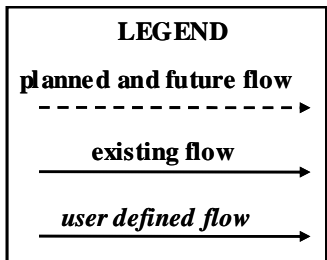
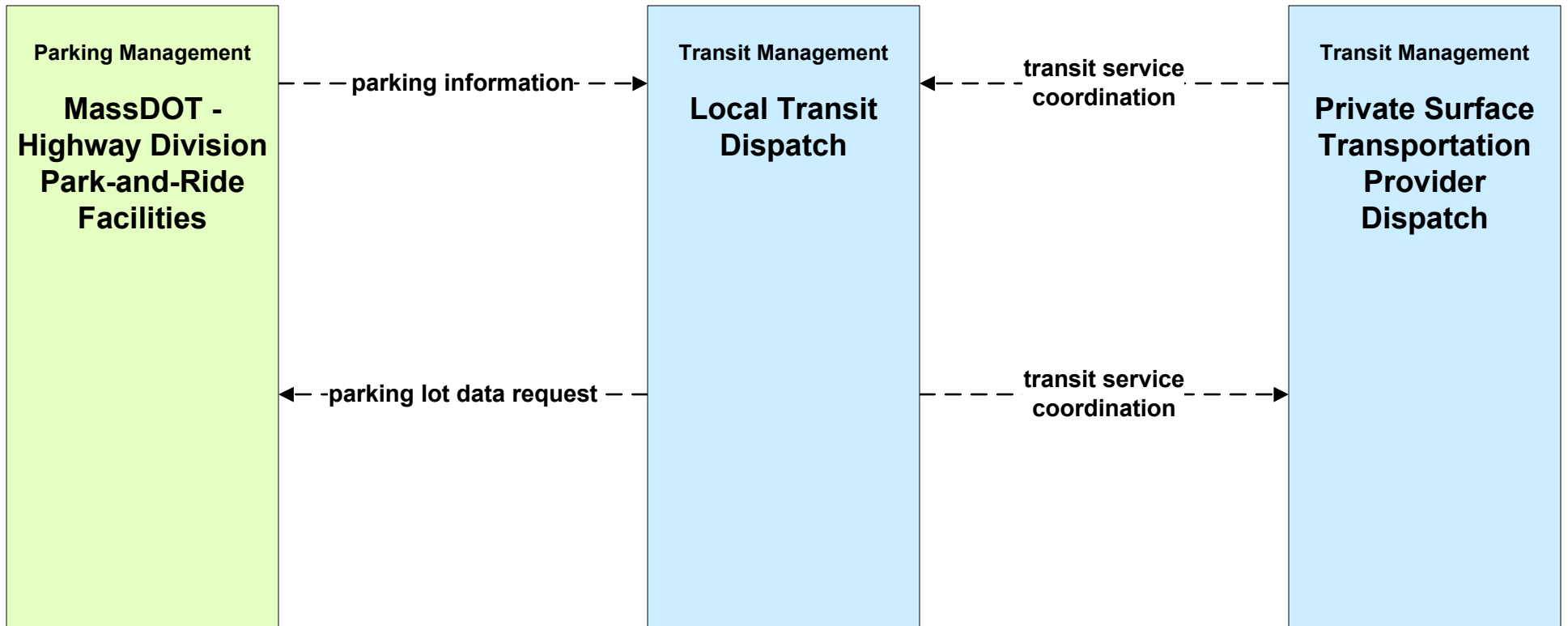
APTS03 - Demand Response and Paratransit Operations SRTA



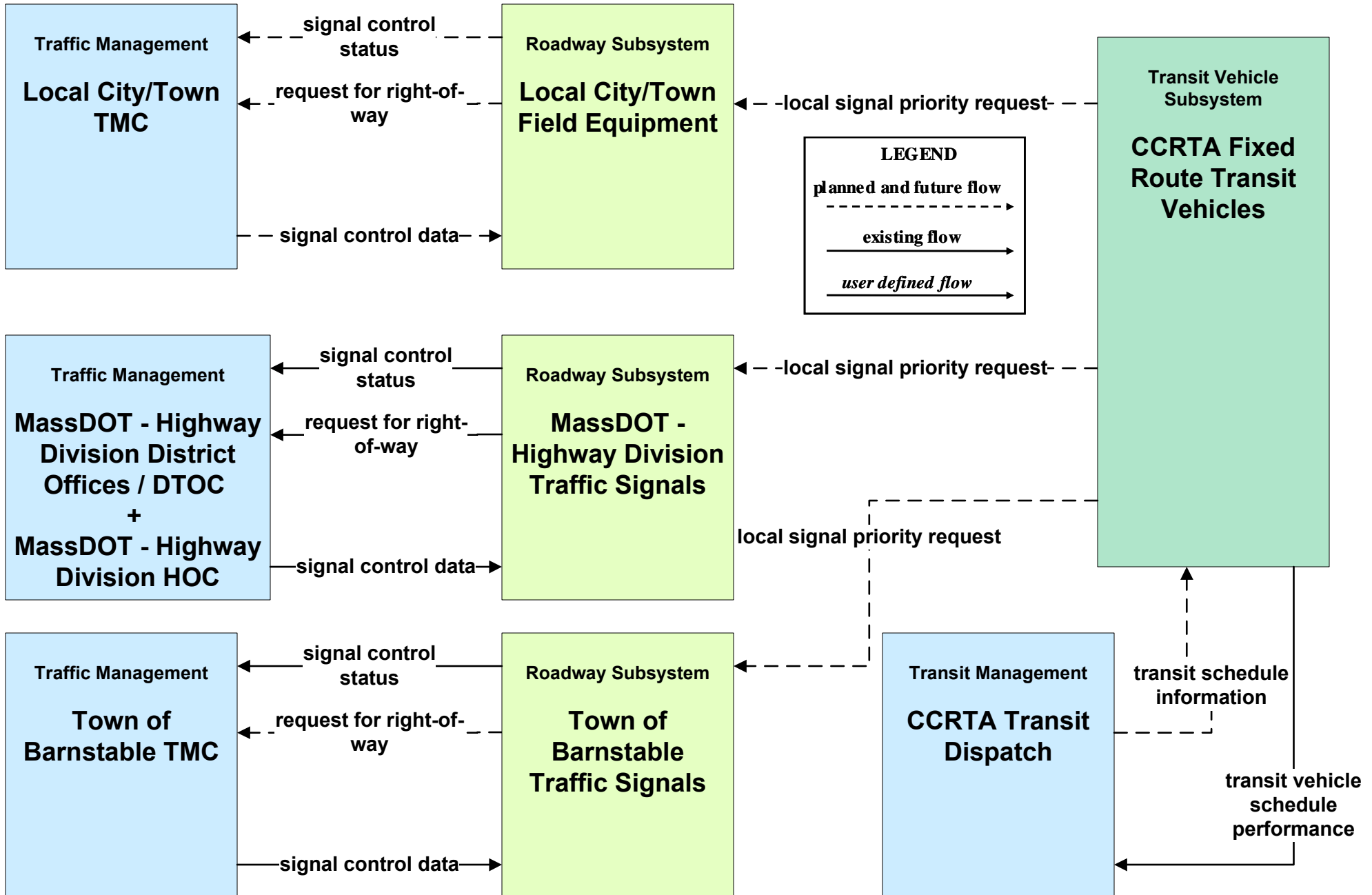
**APTS03 - Demand Response and Paratransit Operations
Local Transit**



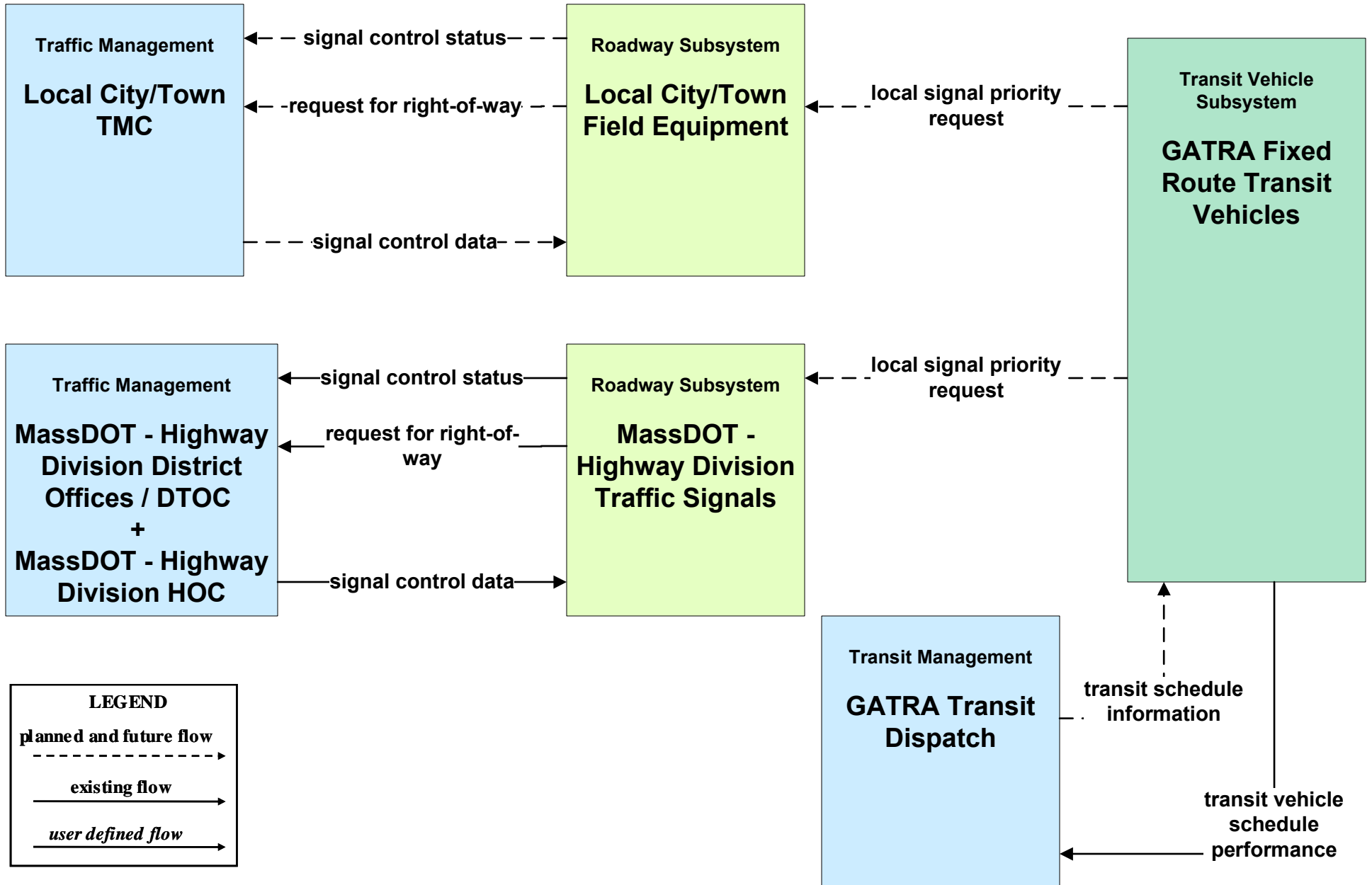
**APTS07 - Multimodal Coordination
MassDOT – Highway Division**



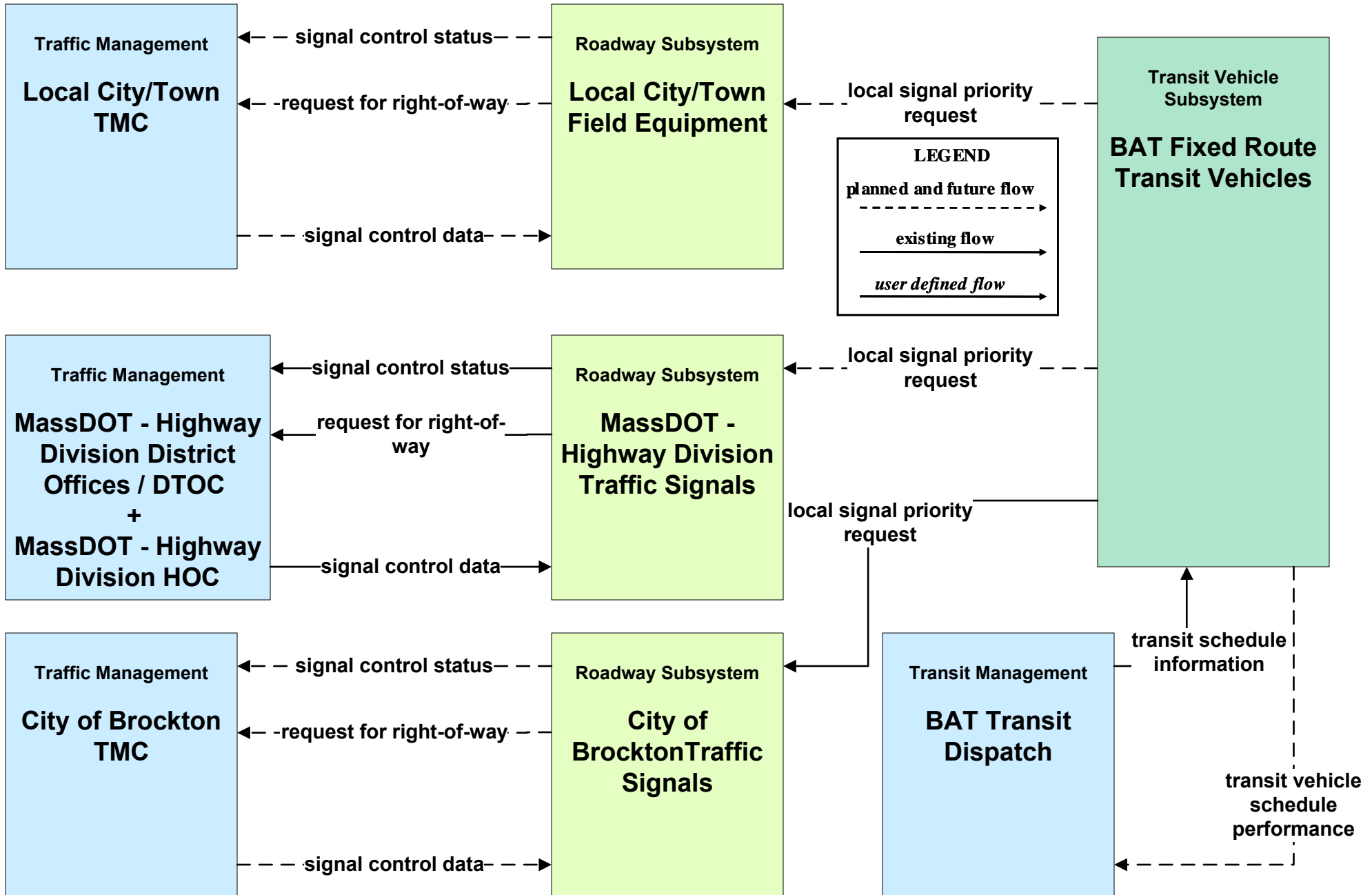
APTS09 – Transit Signal Priority CCRTA



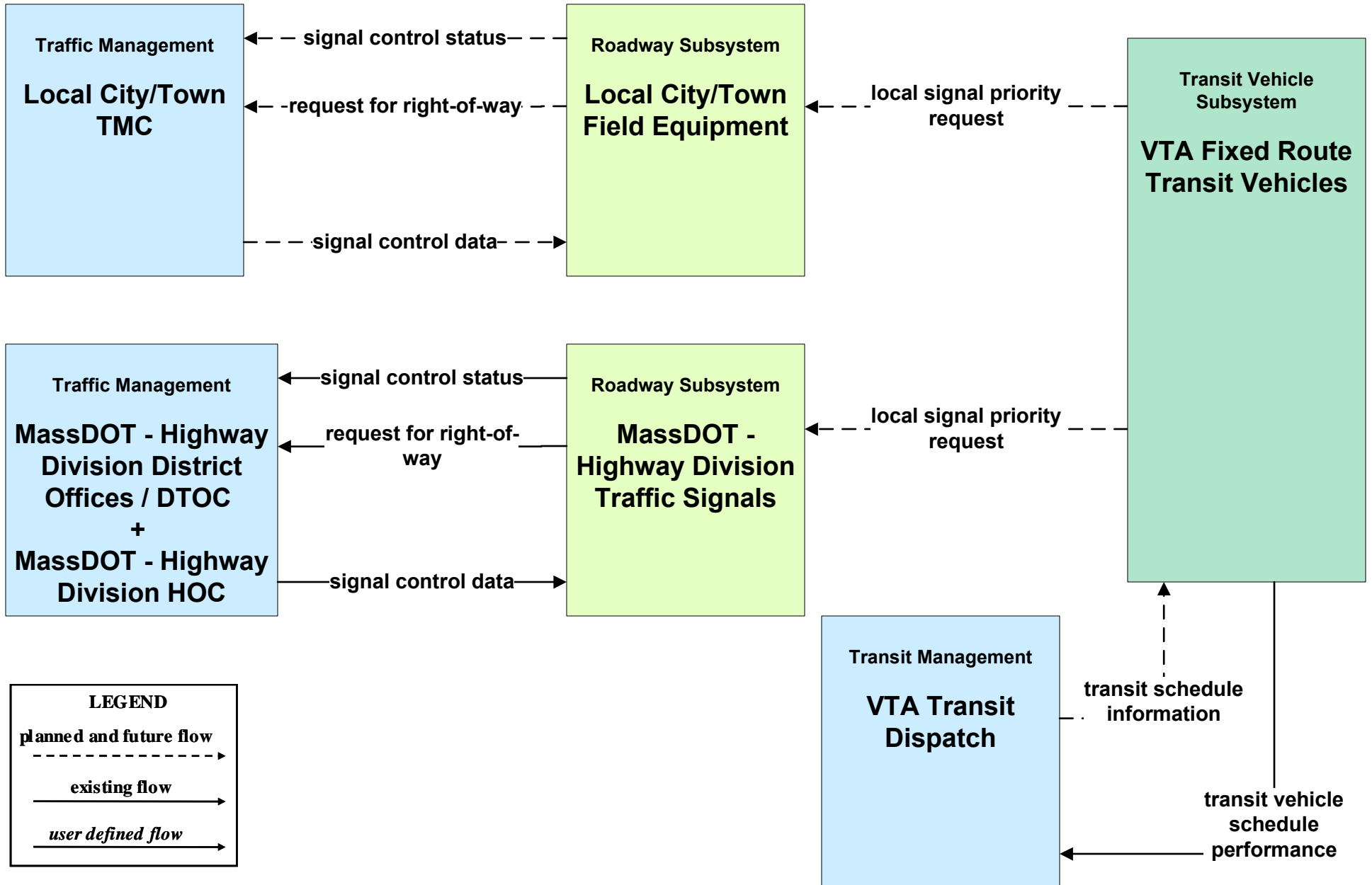
**APTS09 – Transit Signal Priority
GATRA**



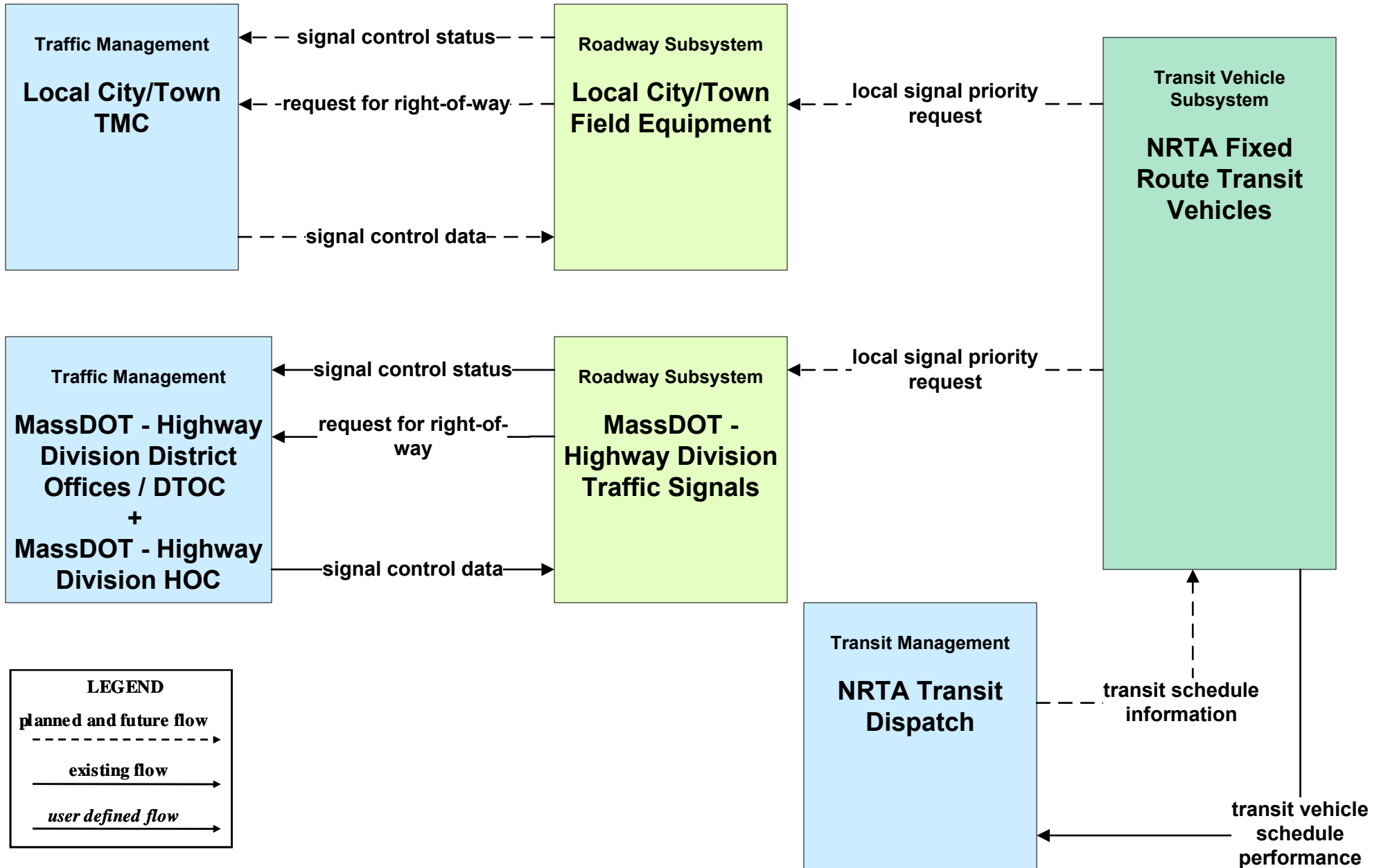
APTS09 – Transit Signal Priority BAT



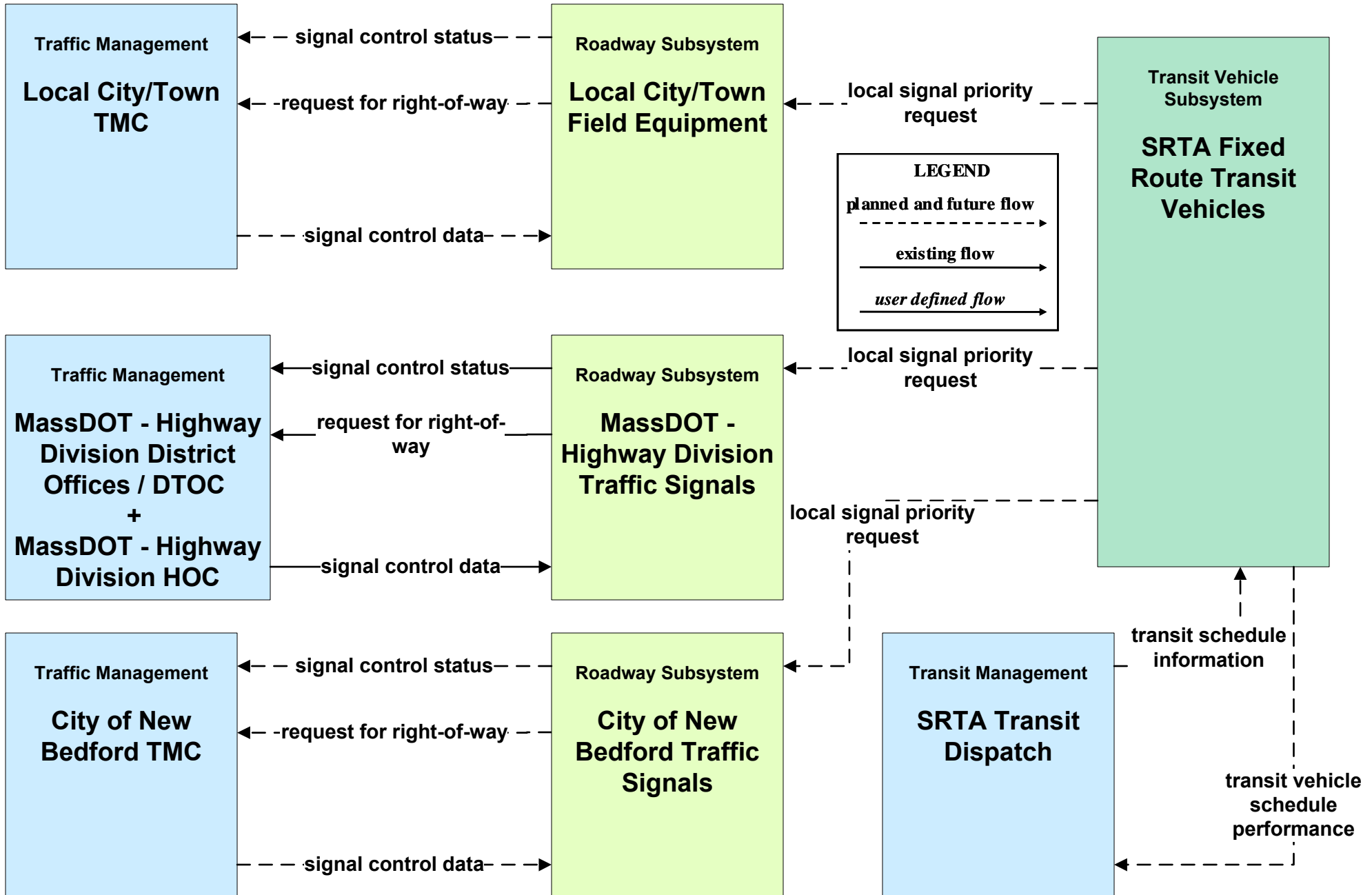
**APTS09 – Transit Signal Priority
VTA**



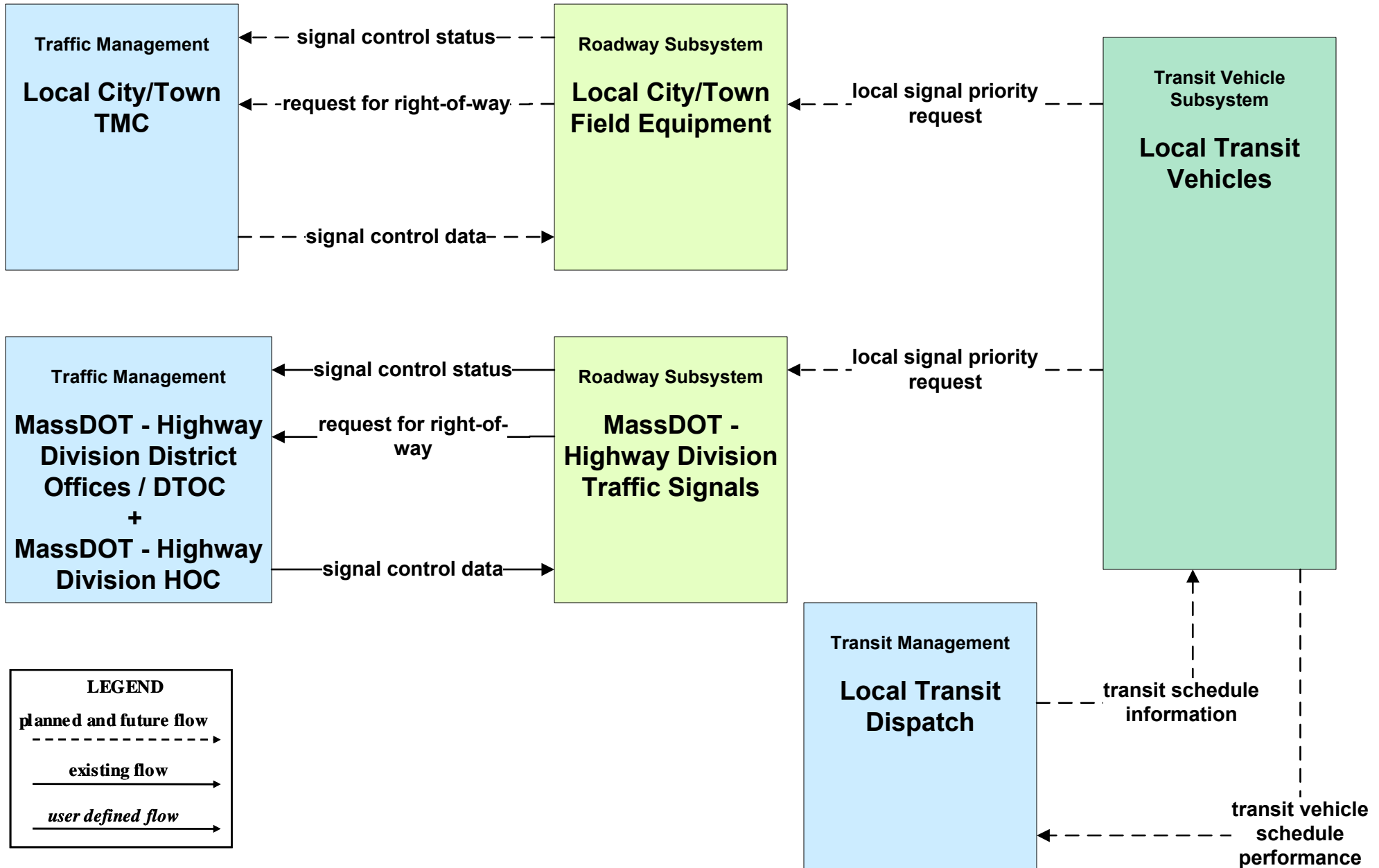
**APTS09 – Transit Signal Priority
NRTA**



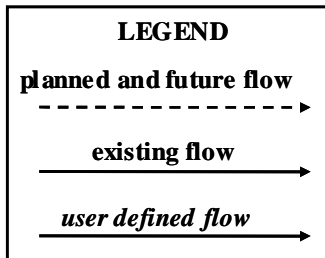
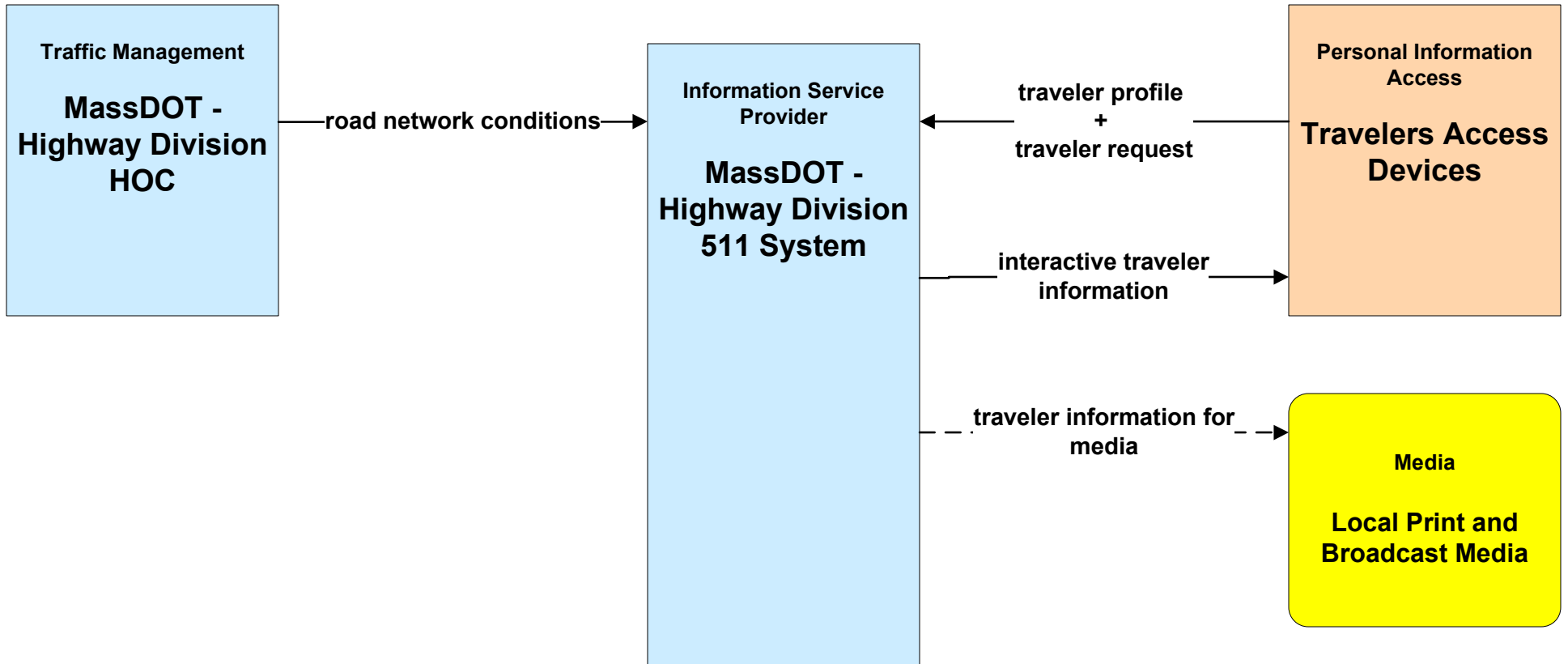
APTS09 – Transit Signal Priority SRTA



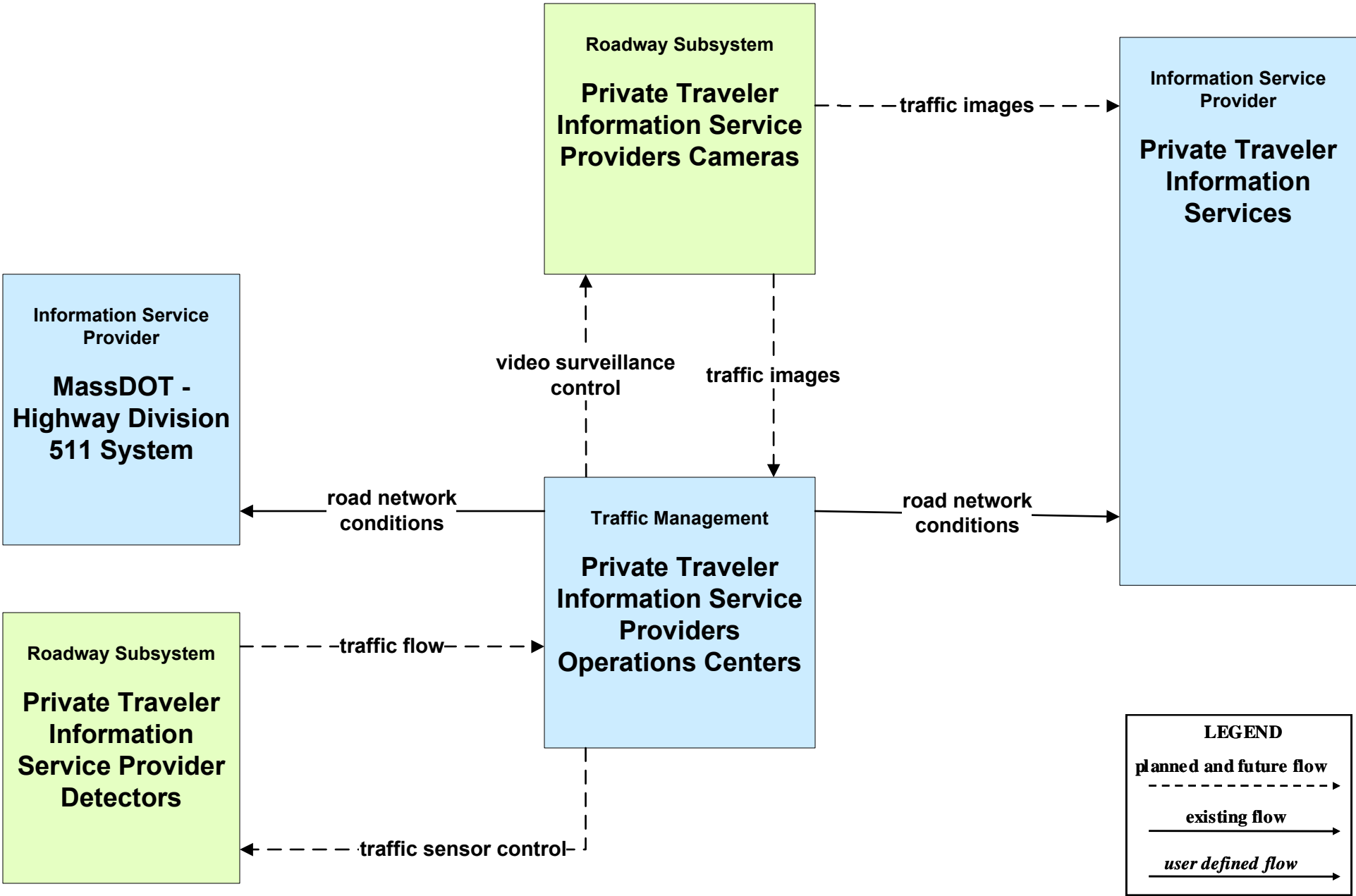
APTS09 – Transit Signal Priority Local Transit



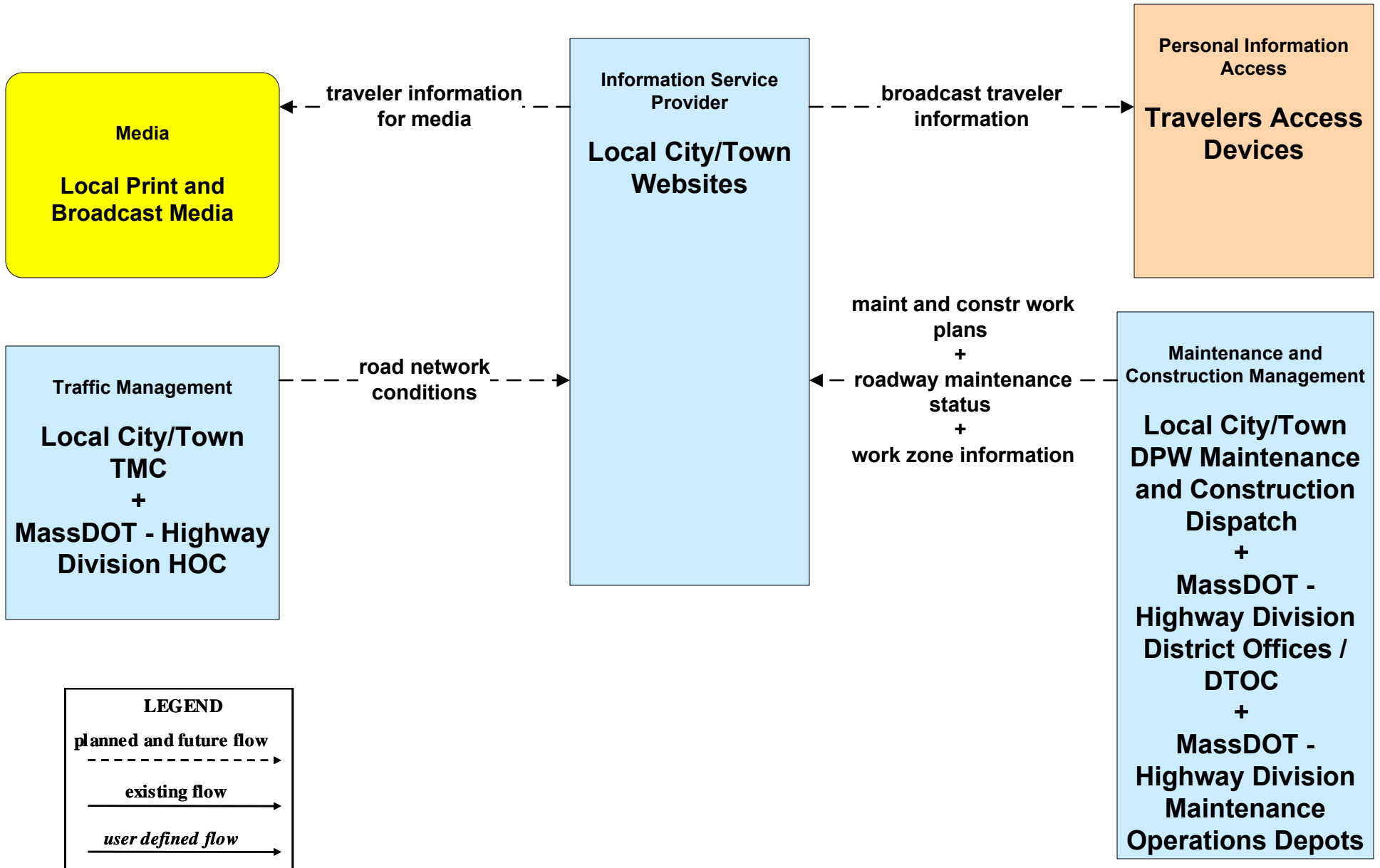
**ATIS02 - Interactive Traveler Information
MassDOT – Highway Division**



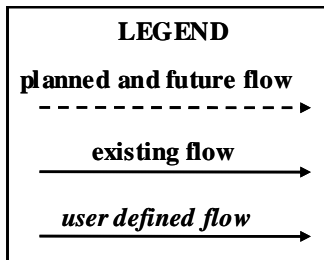
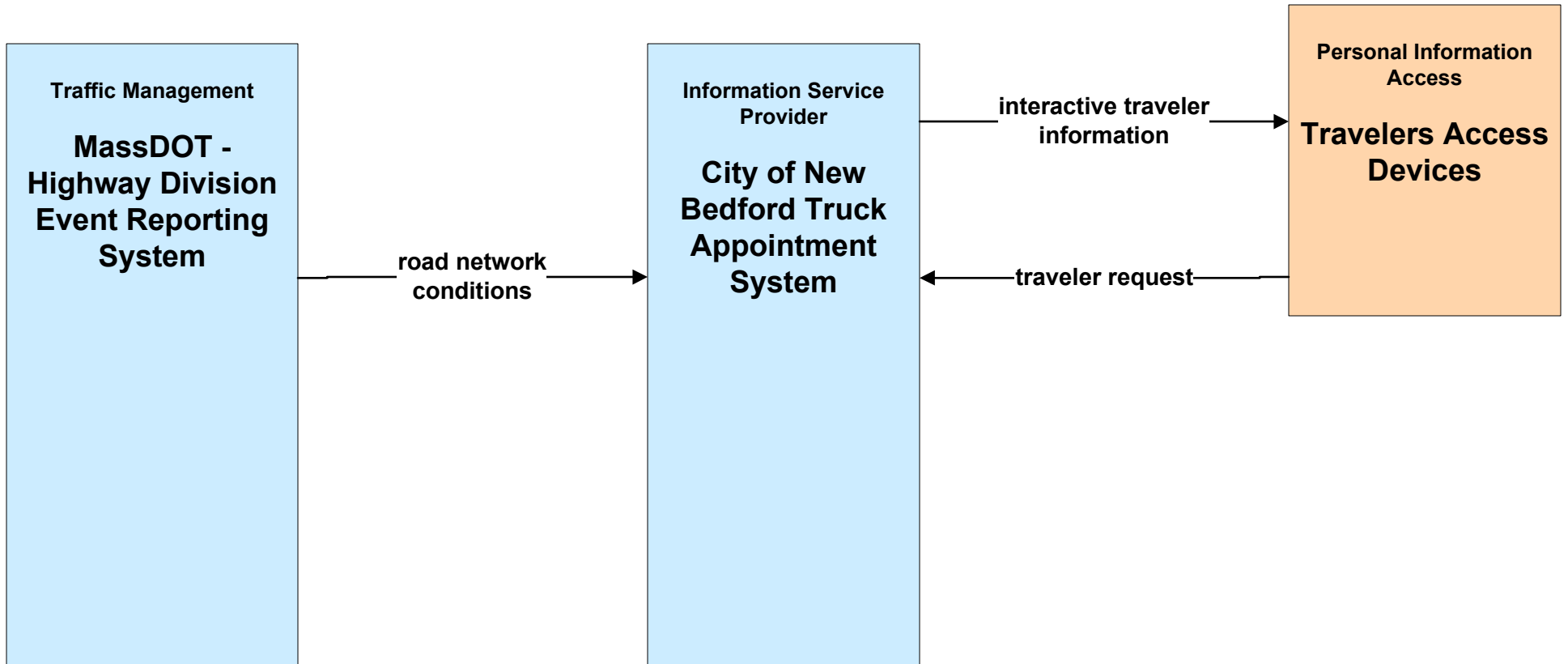
**ATIS02 - Interactive Traveler Information
Private Traveler Information Service Providers (1 of 2)**



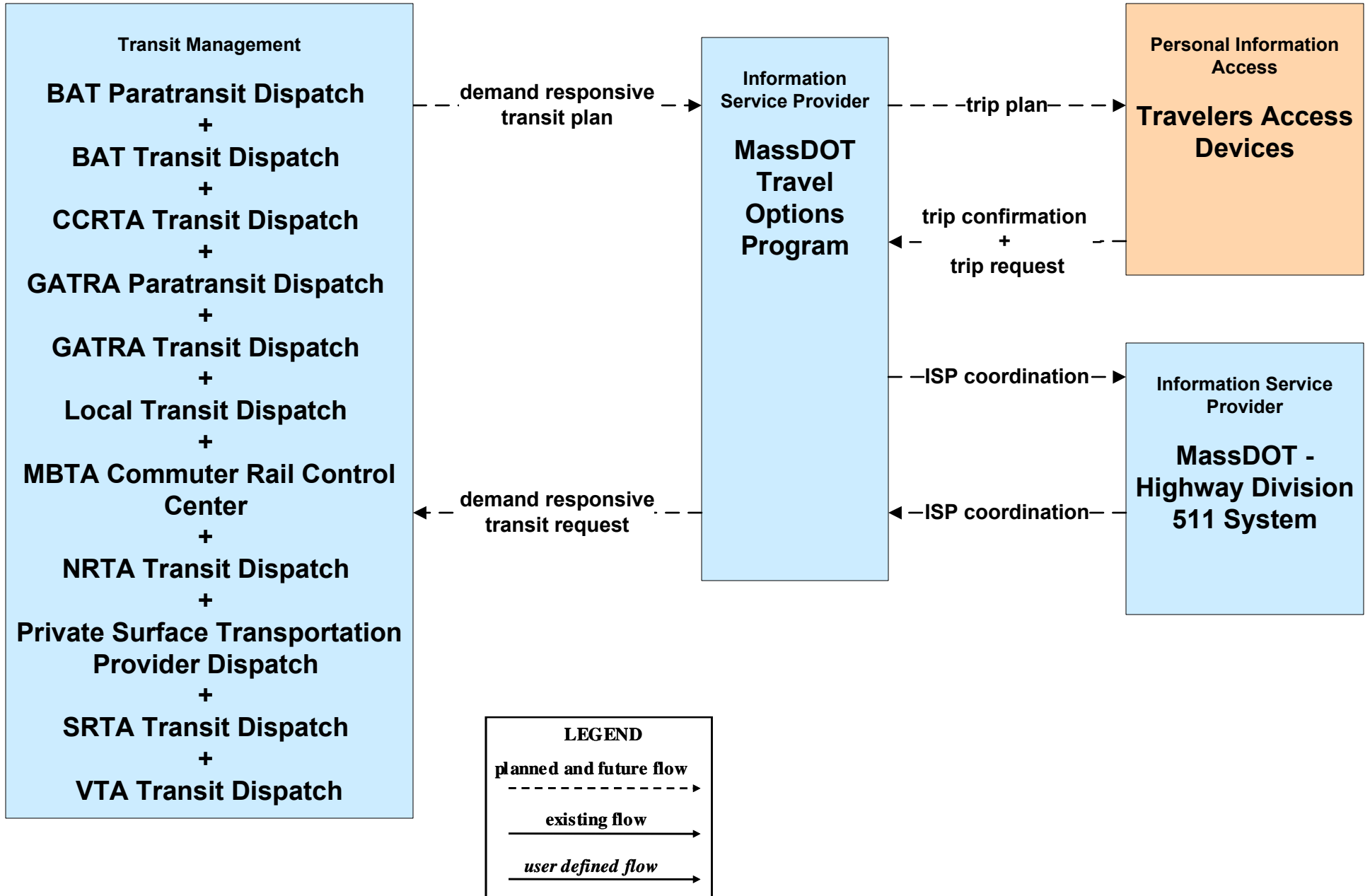
**ATIS02 - Interactive Traveler Information
Local City/Town**



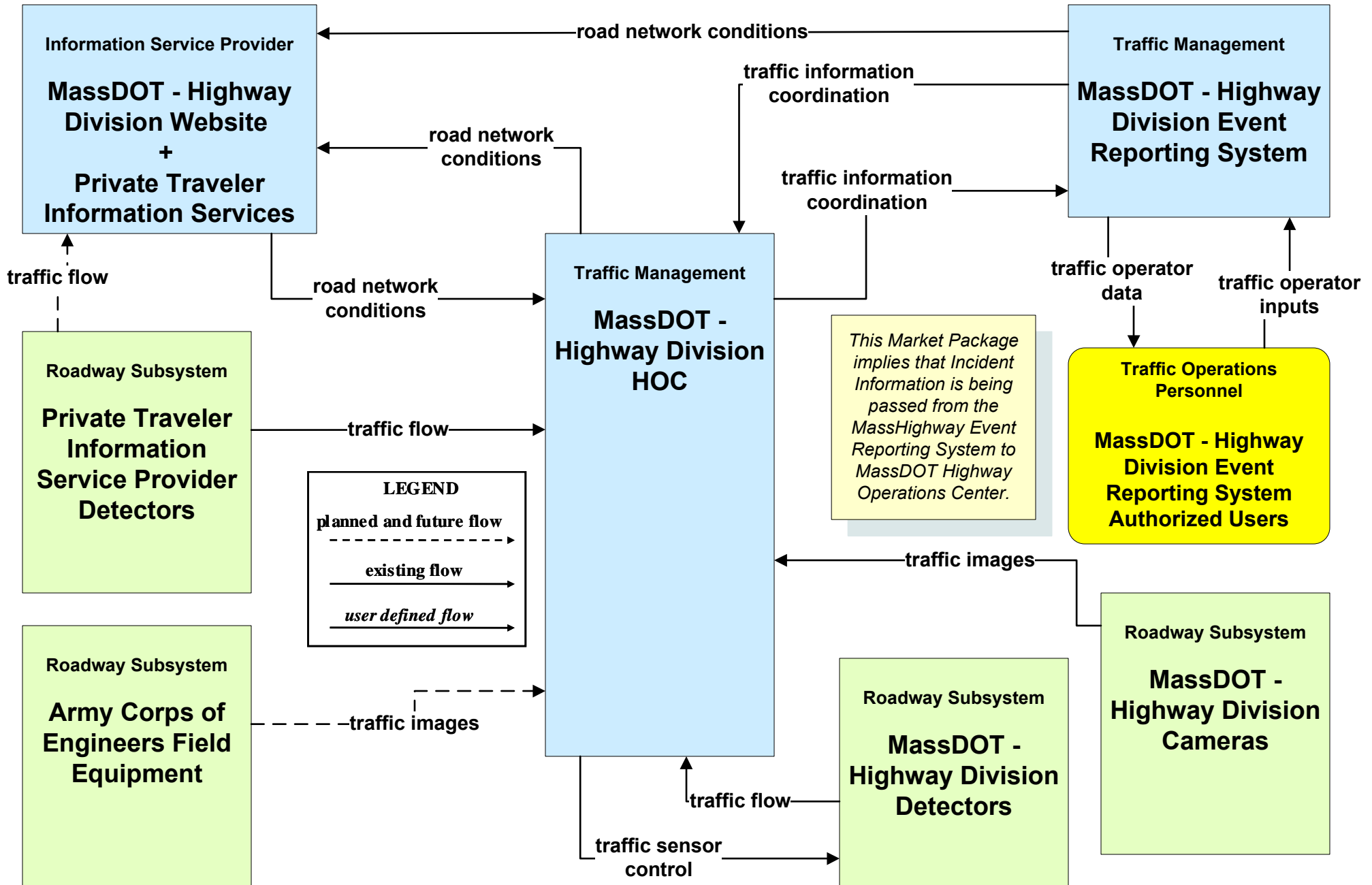
**ATIS02 - Interactive Traveler Information
New Bedford Harbor**



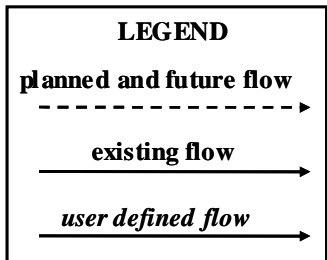
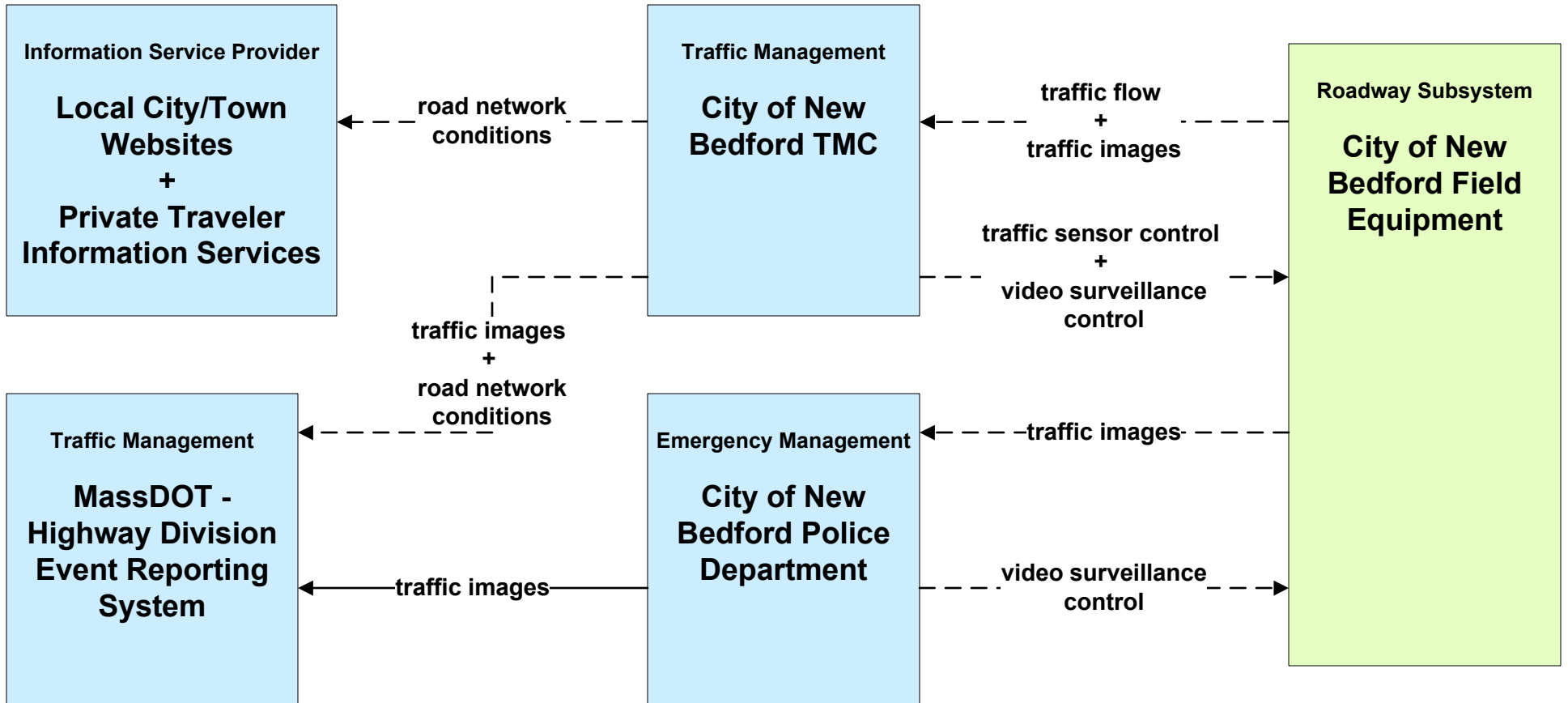
ATIS08 - Dynamic Ridesharing MassDOT Travel Options Program



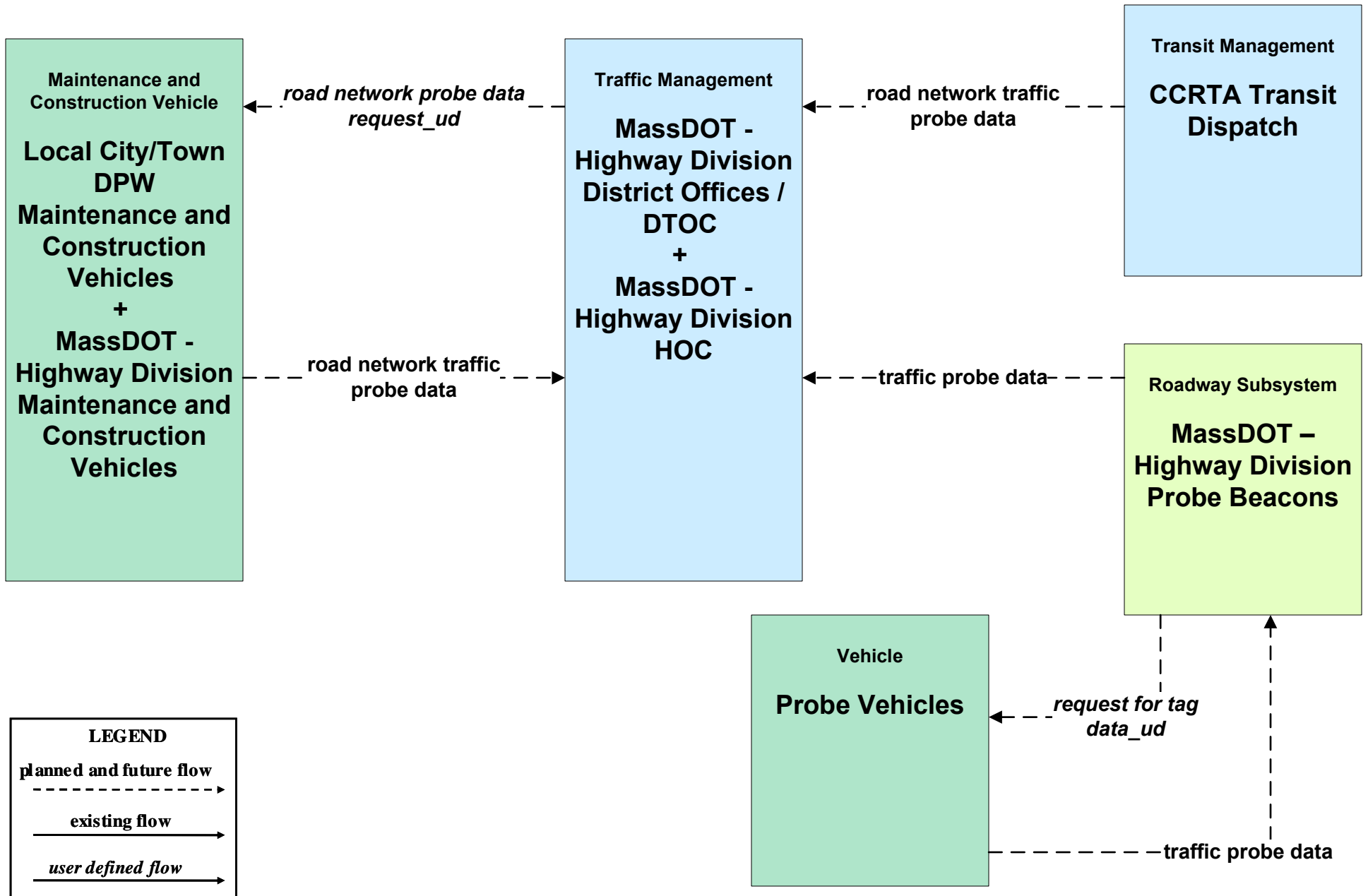
ATMS01 - Network Surveillance MassDOT – Highway Division



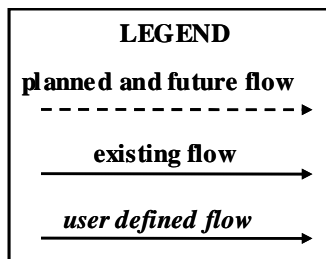
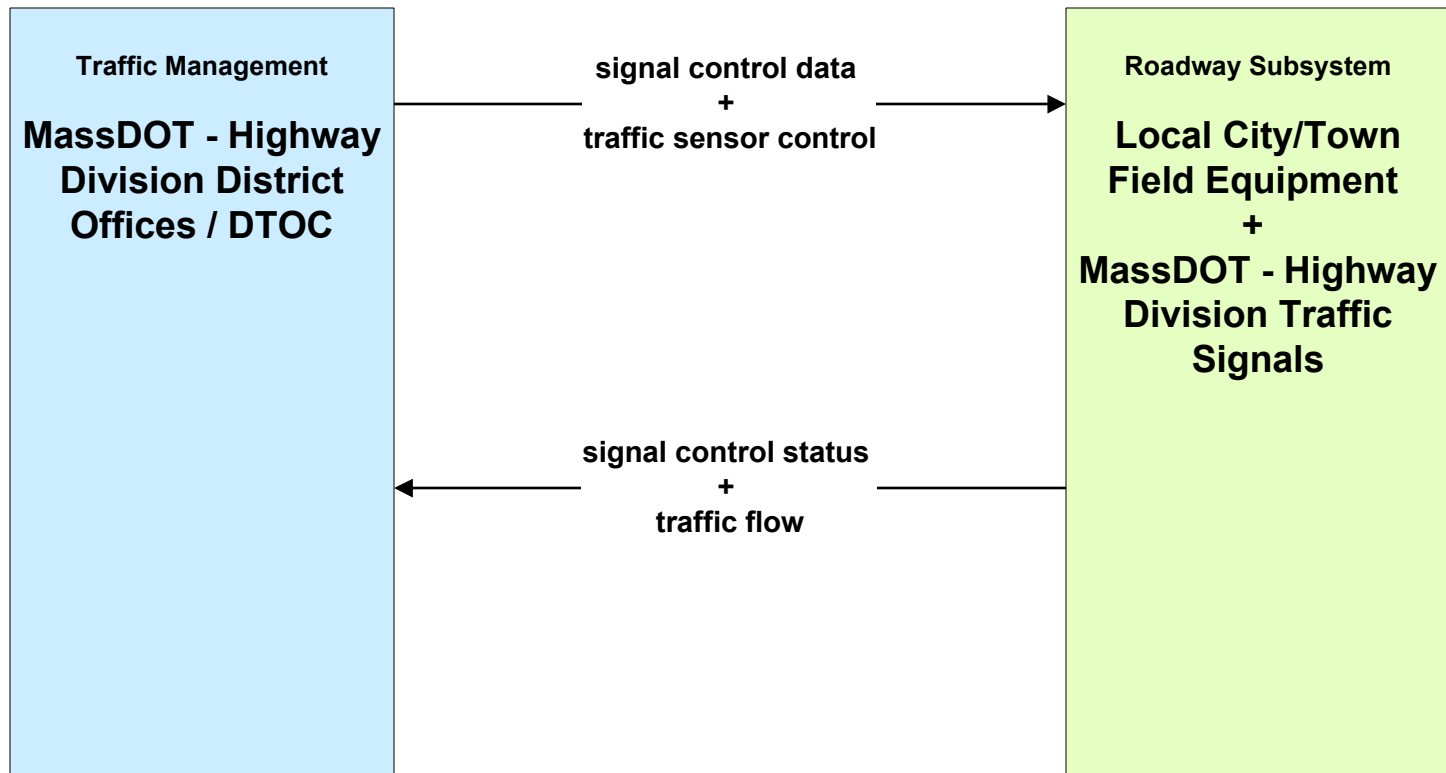
ATMS01 - Network Surveillance
City of New Bedford Traffic Management Center



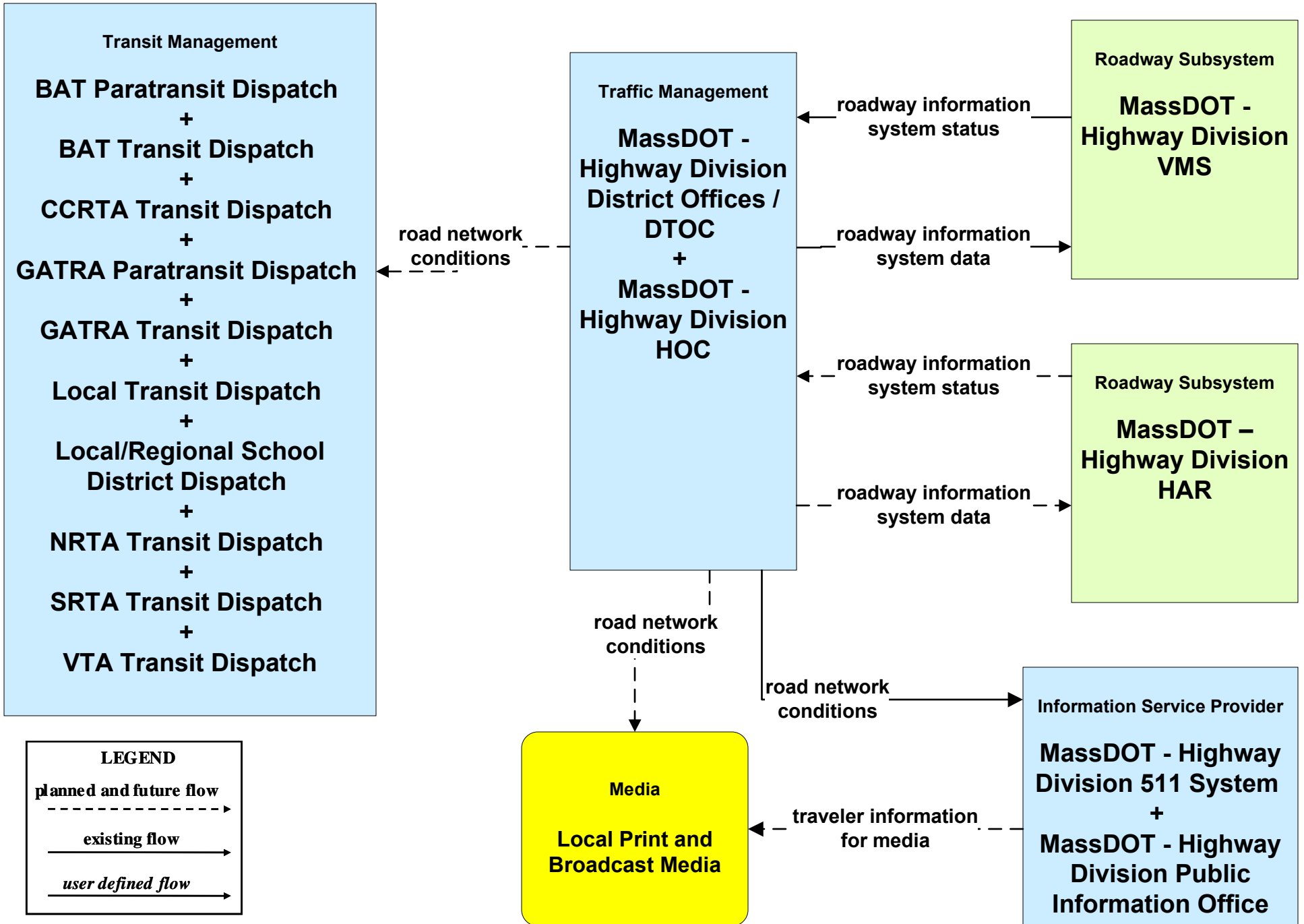
**ATMS02 - Probe Surveillance
MassDOT – Highway Division**



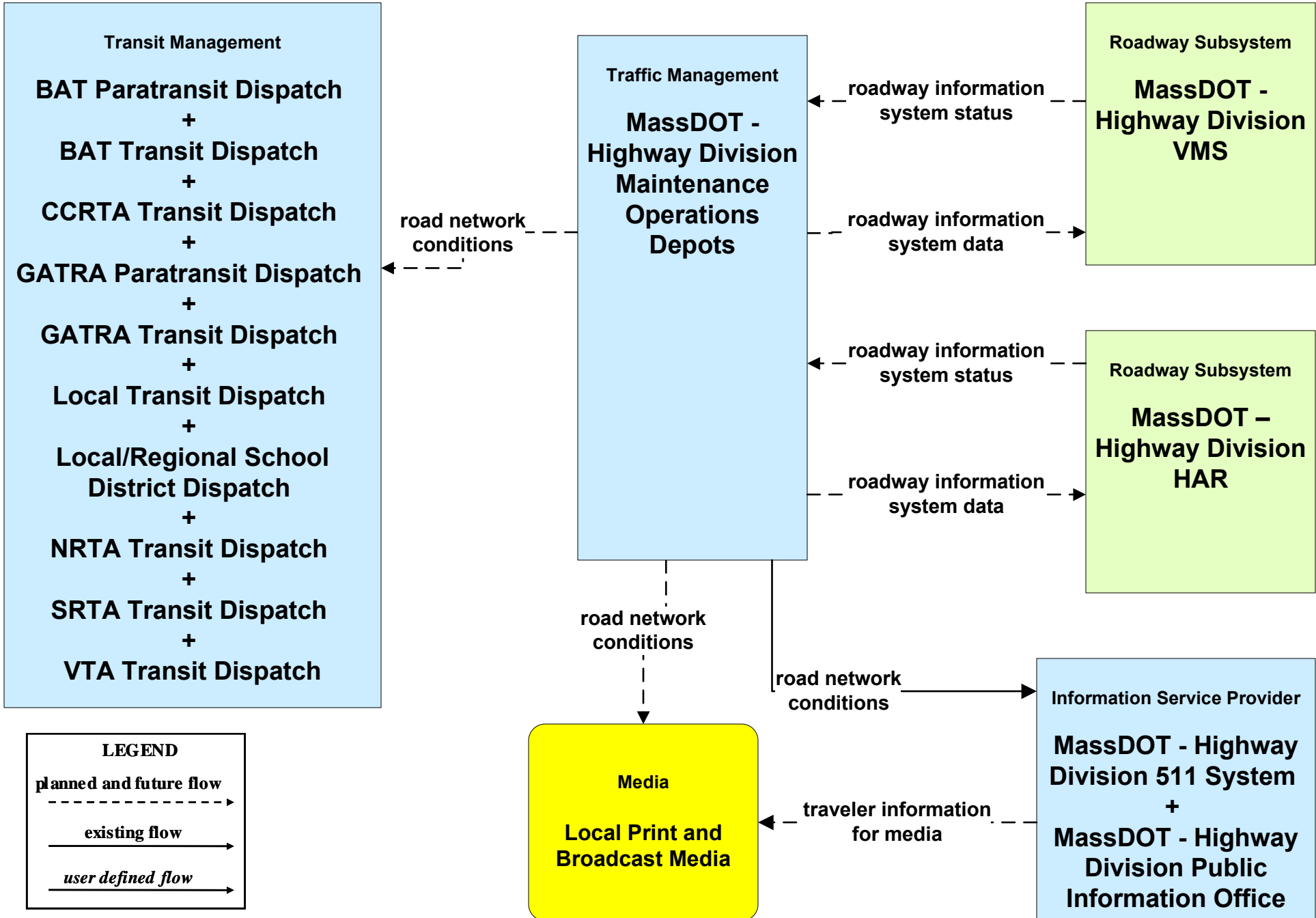
**ATMS03 - Surface Street Control
MassDOT – Highway Division**



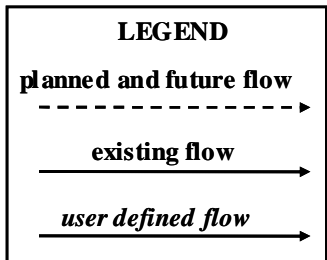
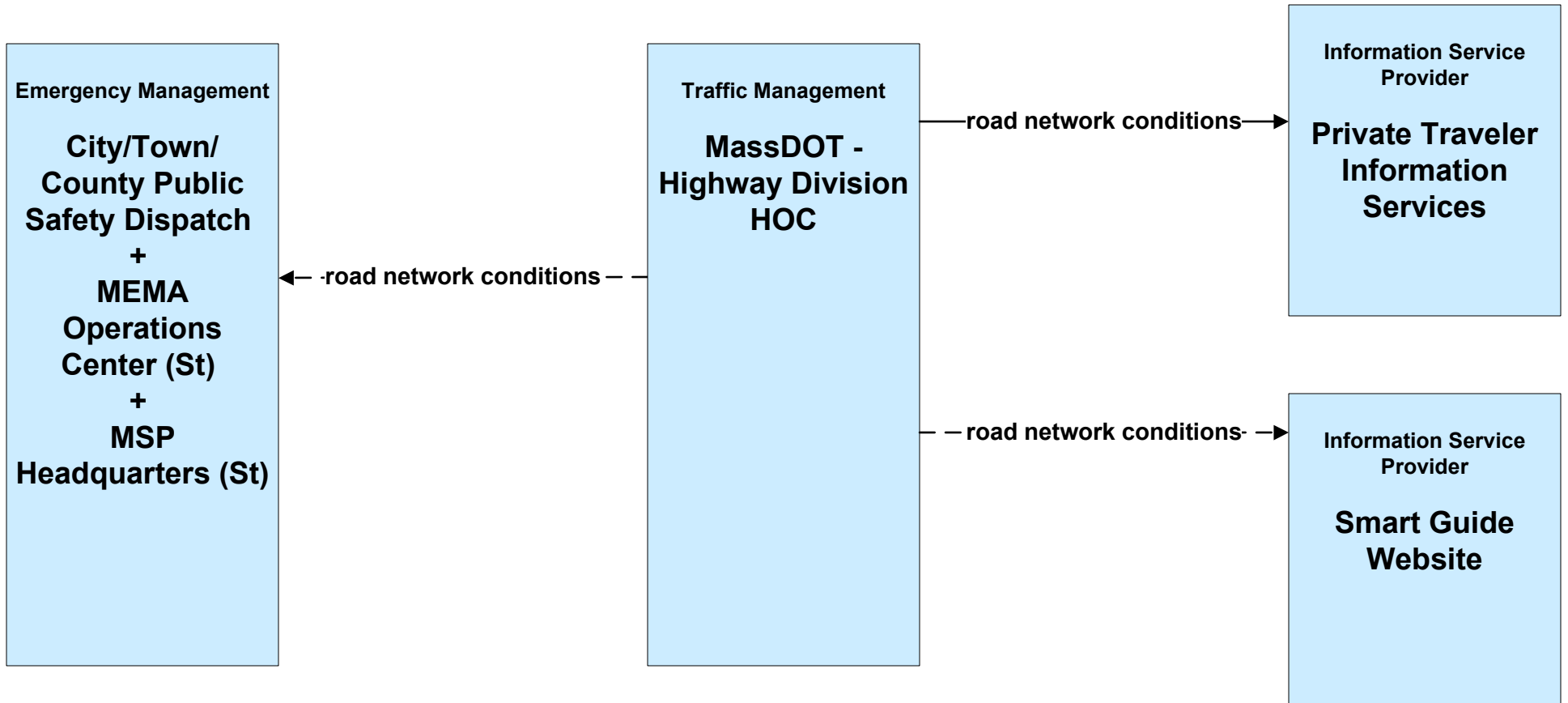
**ATMS06 - Traffic Information Dissemination
MassDOT – Highway Division (1 of 2)**



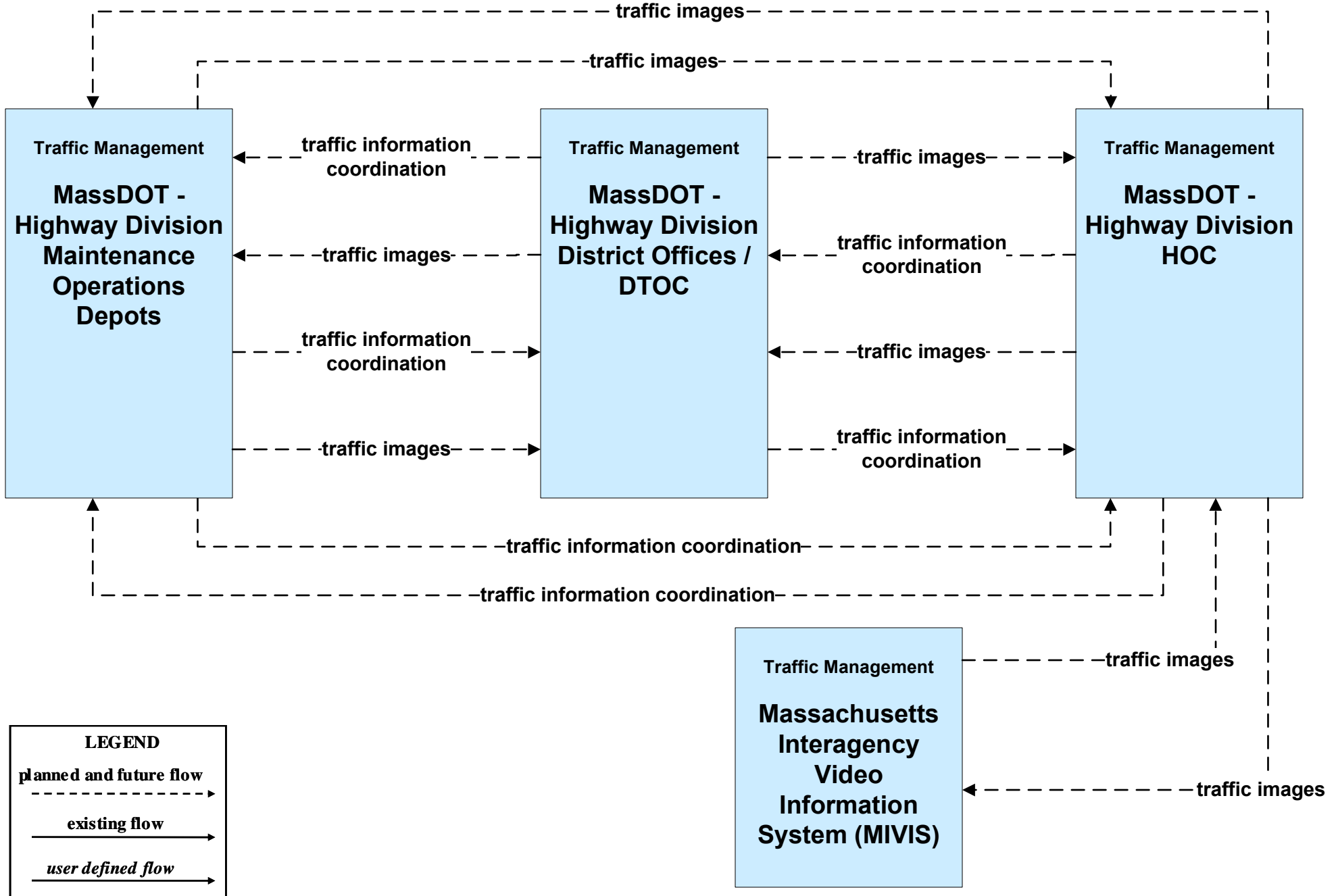
**ATMS06 - Traffic Information Dissemination
MassDOT – Highway Division (2 of 3)**



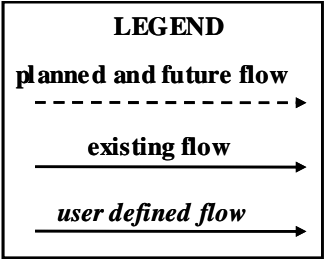
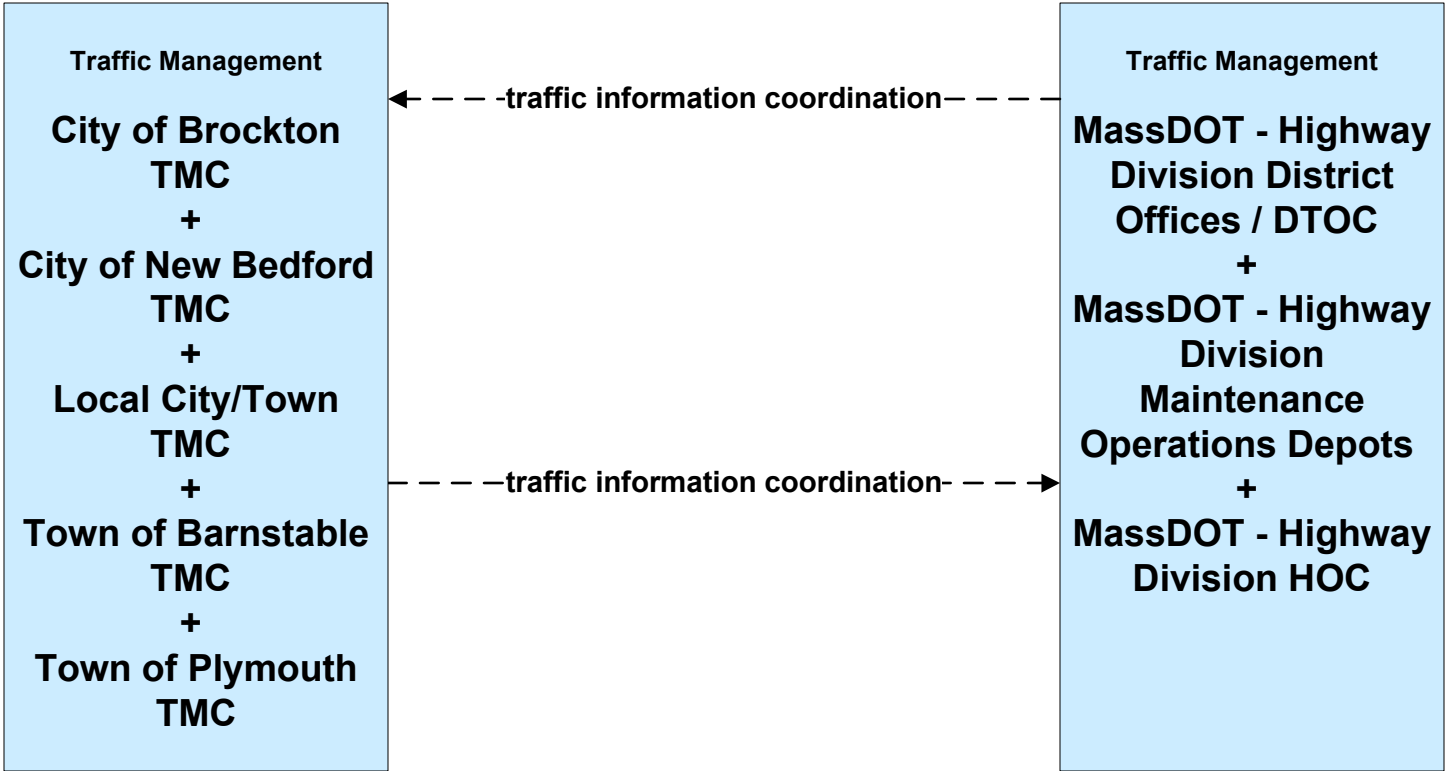
**ATMS06 - Traffic Information Dissemination
MassDOT – Highway Division (3 of 3)**



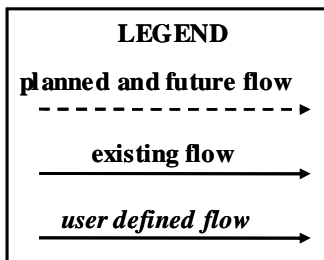
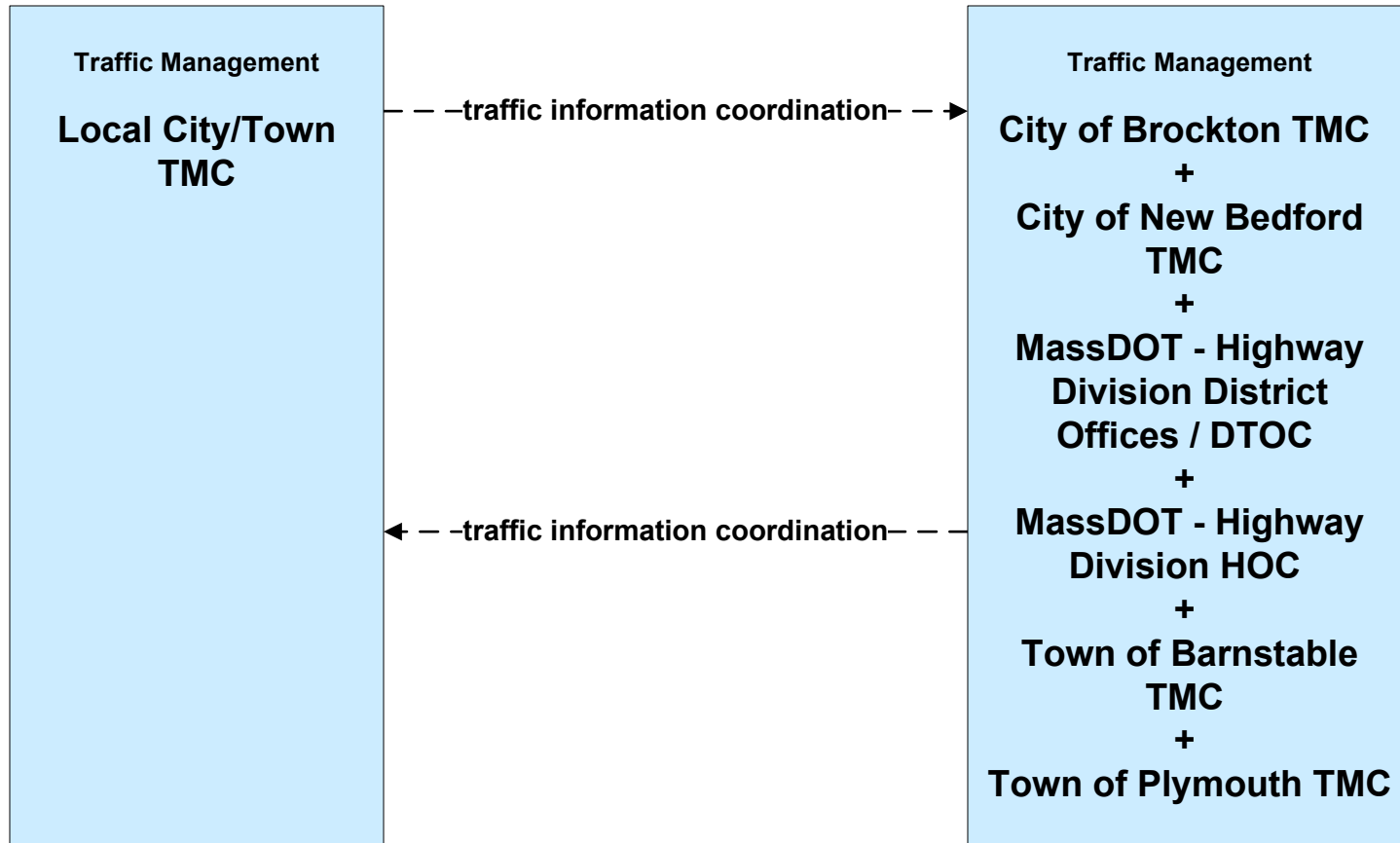
**ATMS07 - Regional Traffic Control
MassDOT – Highway Division (1 of 2)**



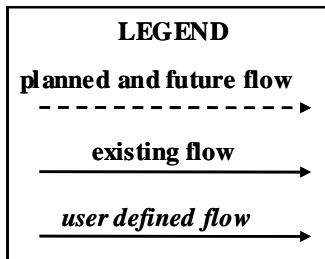
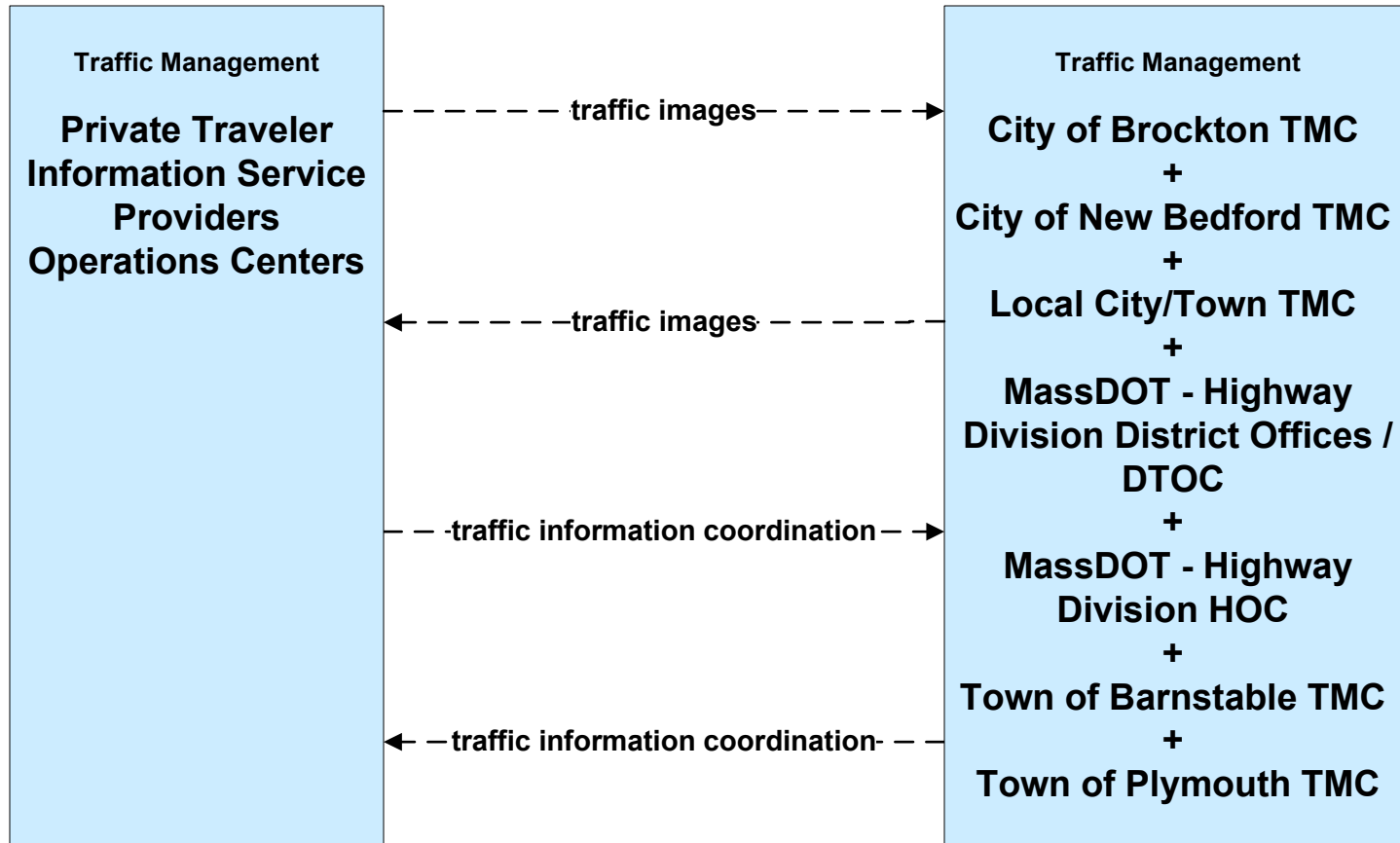
**ATMS07 - Regional Traffic Control
MassDOT – Highway Division (2 of 2)**



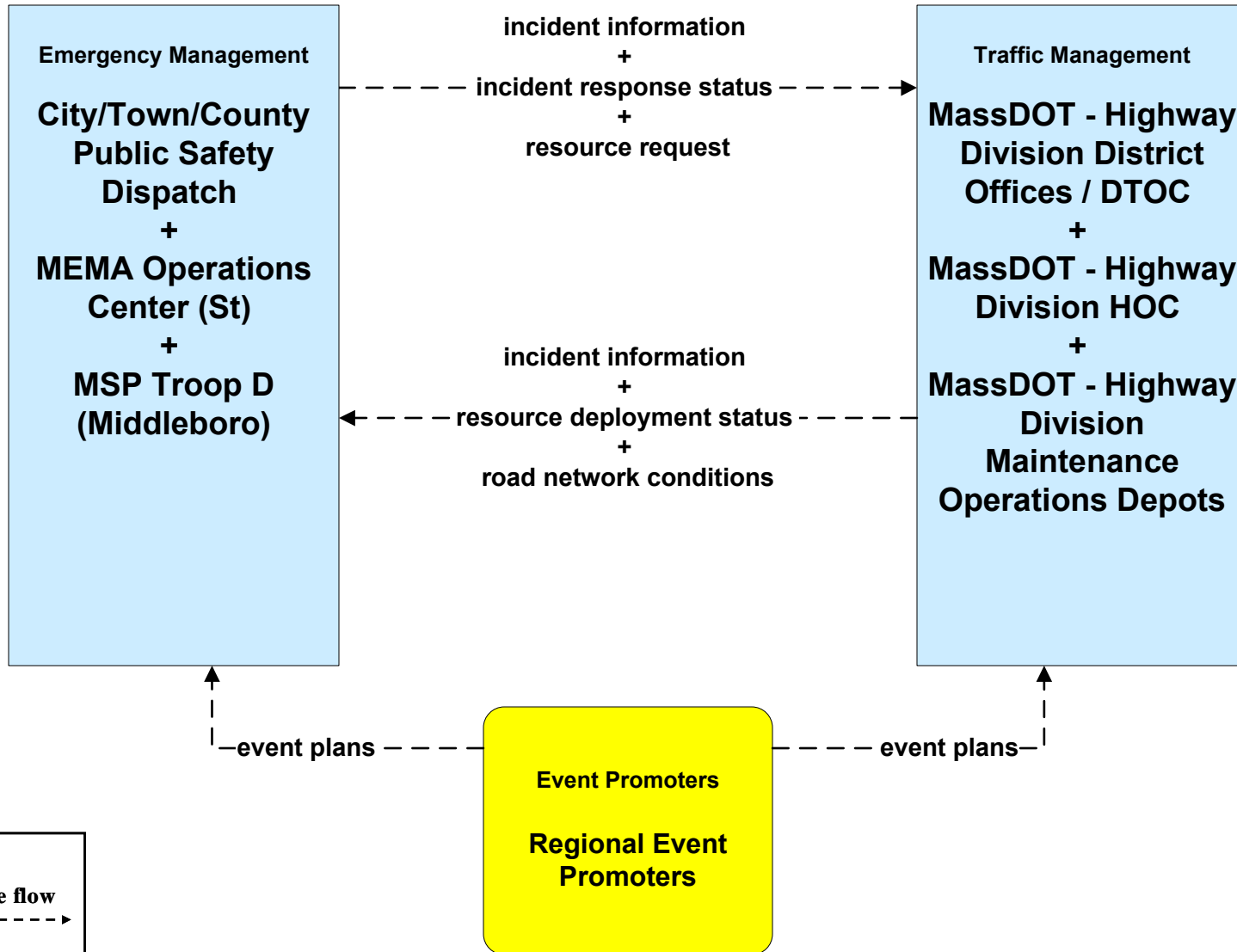
**ATMS07 - Regional Traffic Control
Local City/Town**



**ATMS07 - Regional Traffic Control
Private Traveler Information Service Providers**



**ATMS08 - Incident Management
MassDOT - Highway Division (TM to EM)**



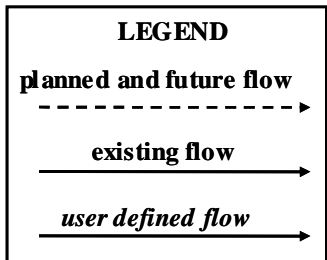
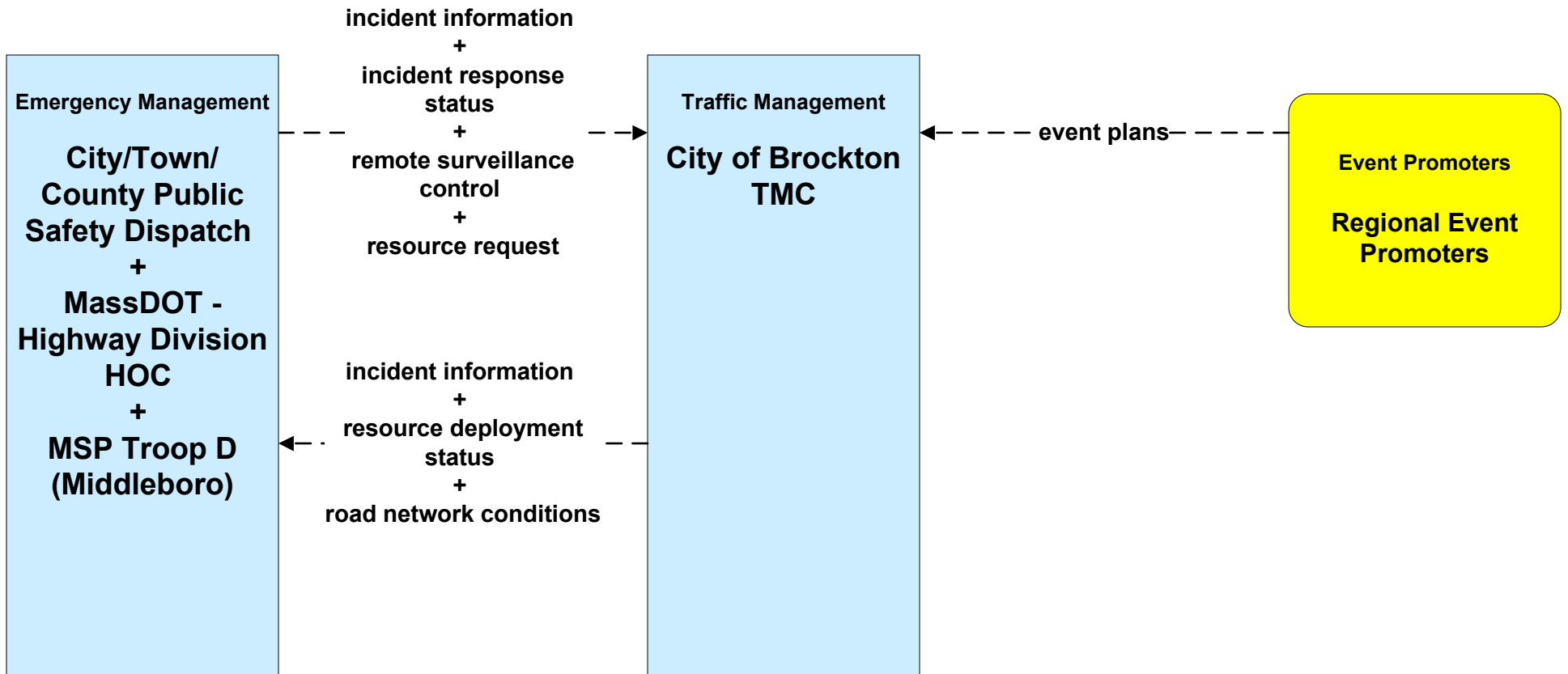
LEGEND

planned and future flow
- - - - ->

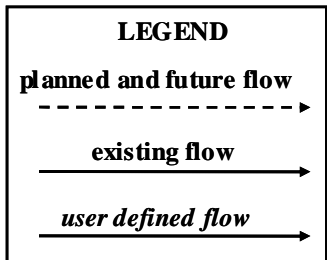
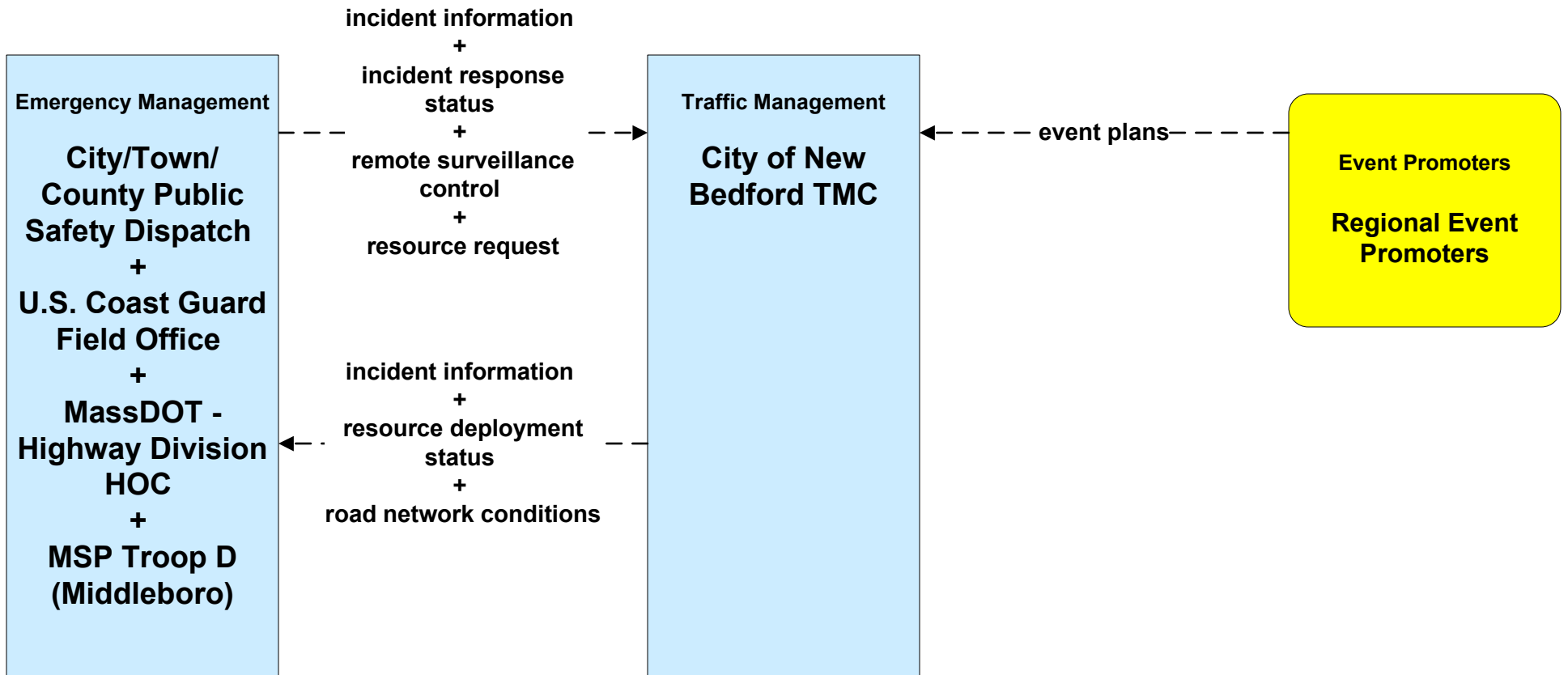
existing flow
—————>

user defined flow
—————>

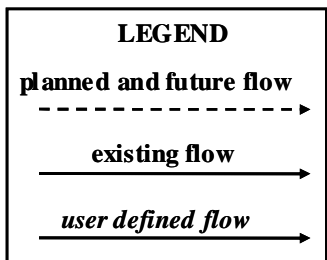
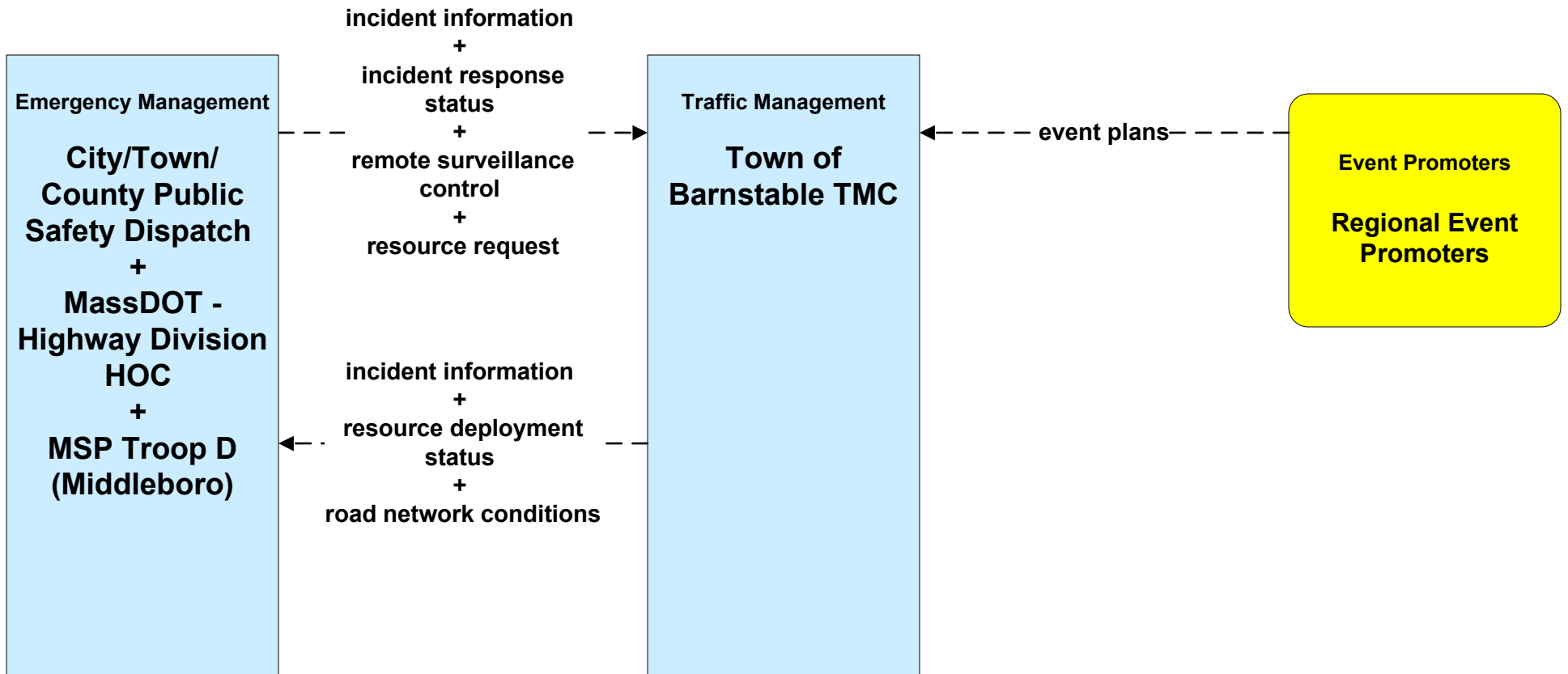
**ATMS08 - Incident Management
City of Brockton (TM to EM)**



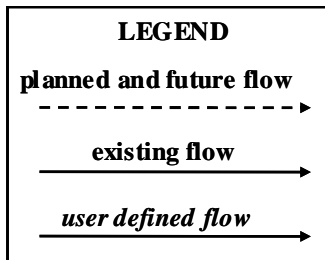
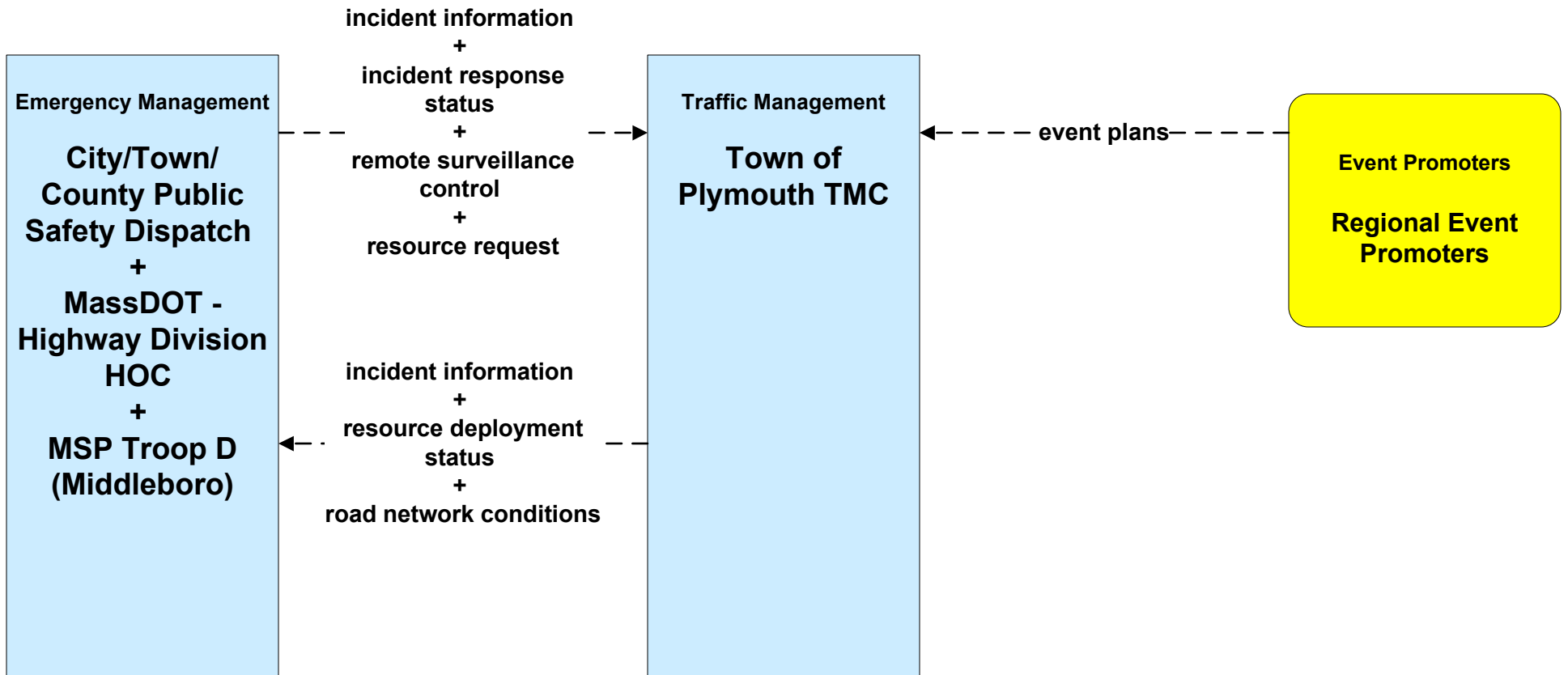
**ATMS08 - Incident Management
City of New Bedford (TM to EM)**



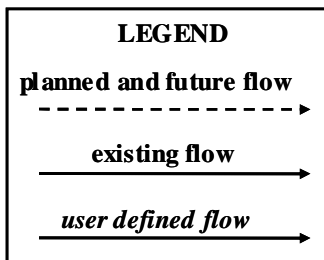
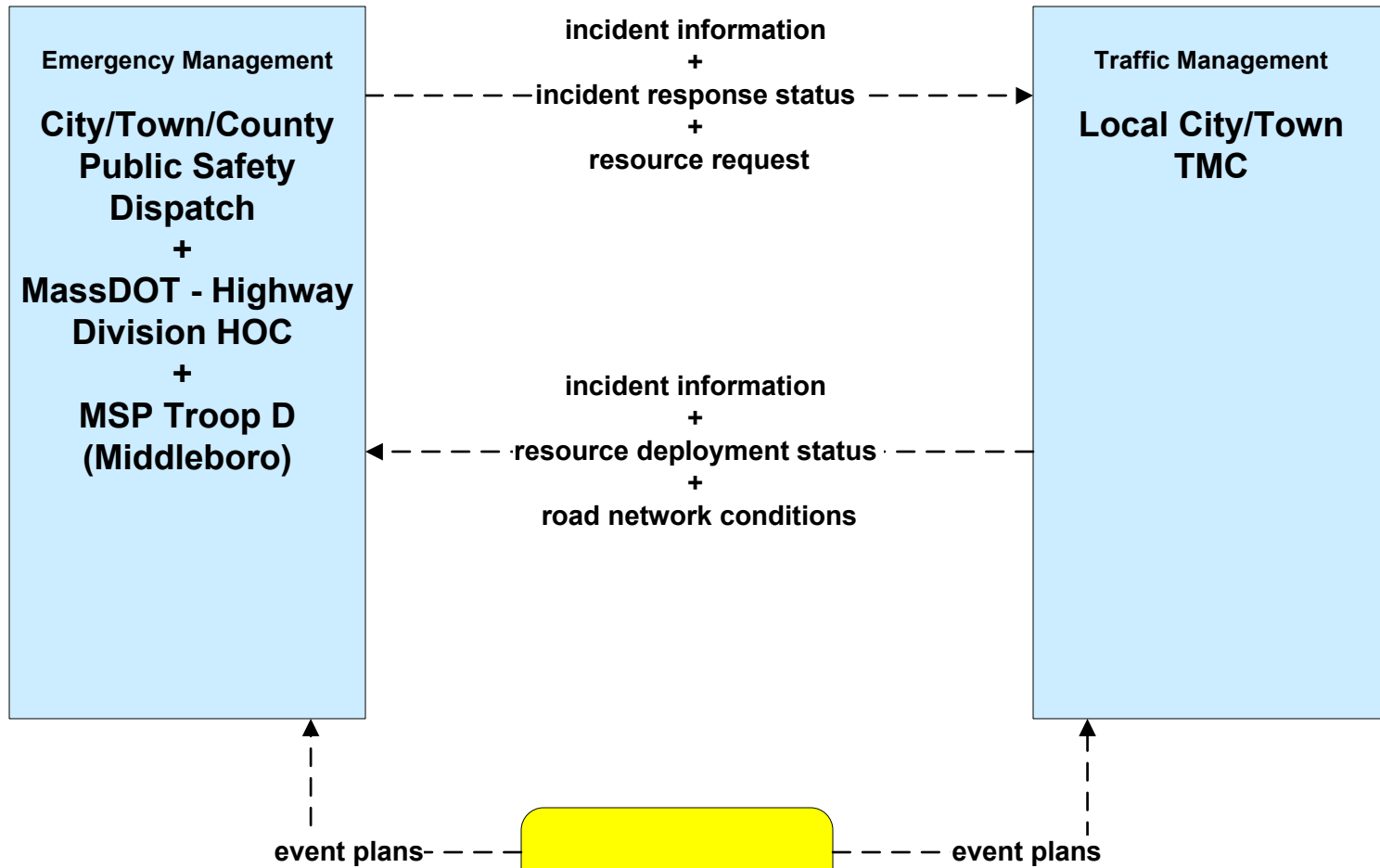
**ATMS08 - Incident Management
Town of Barnstable (TM to EM)**



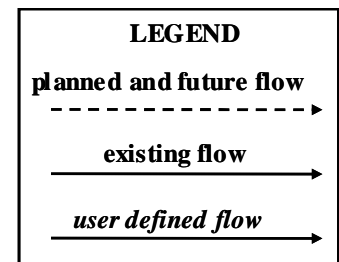
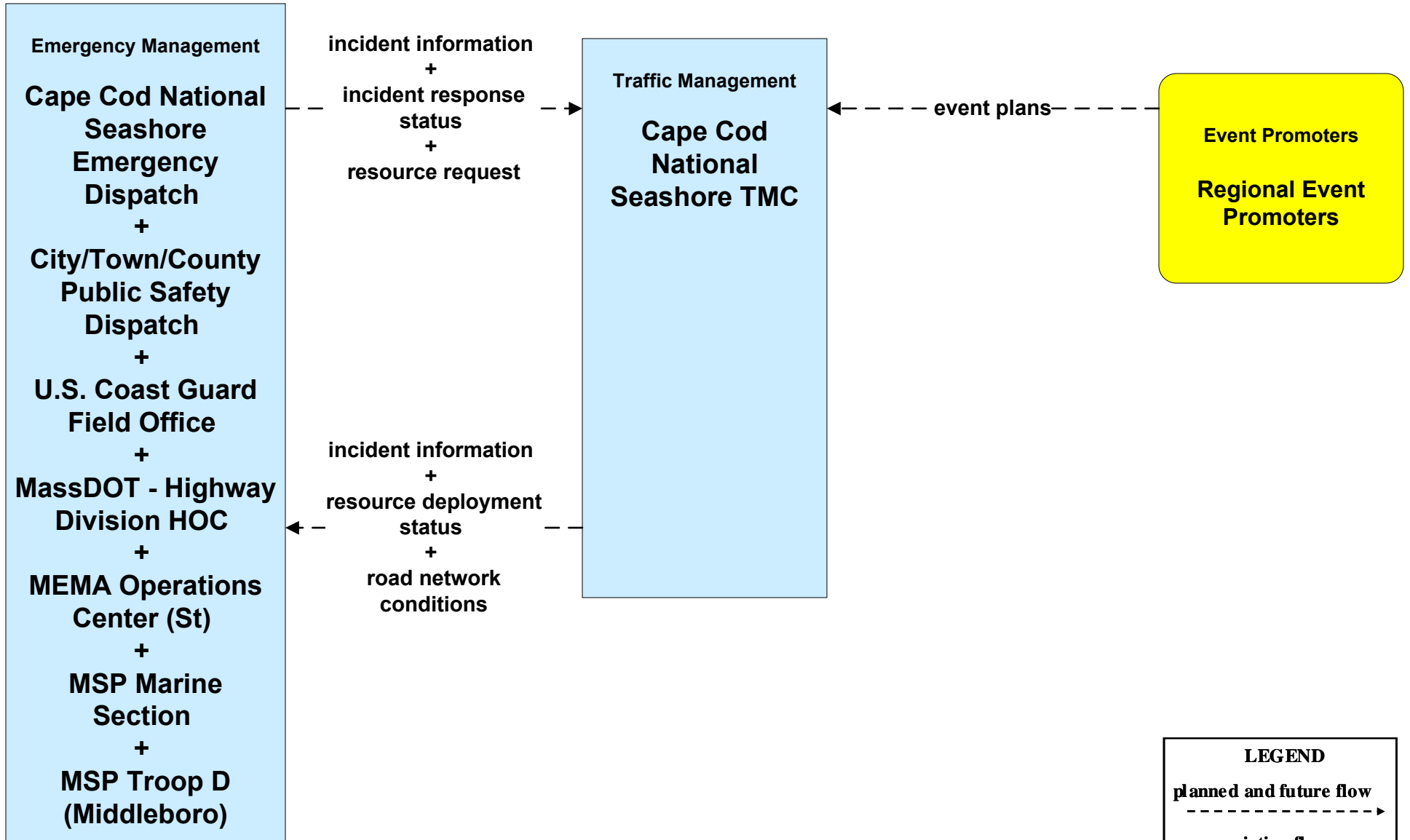
ATMS08 - Incident Management Town of Plymouth (TM to EM)



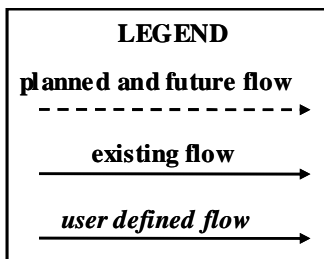
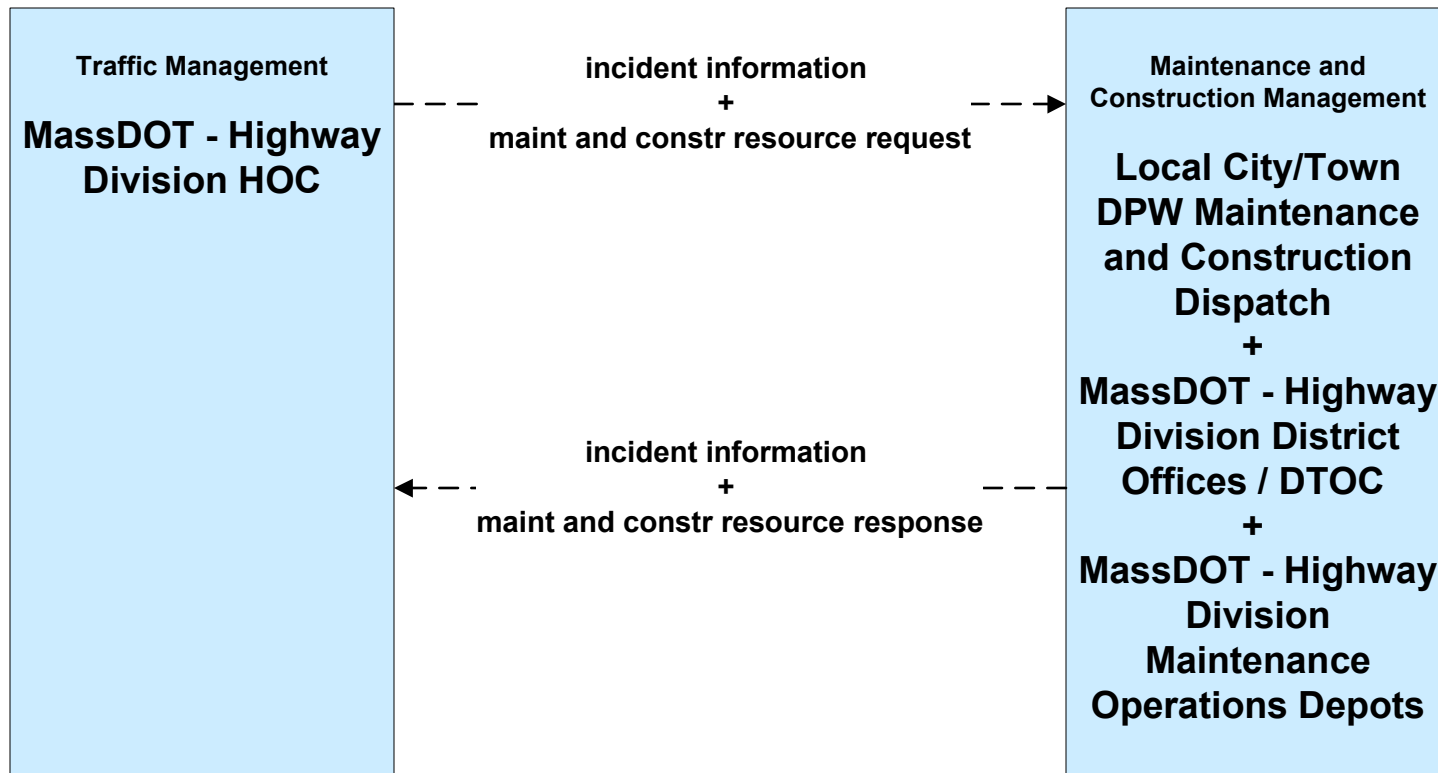
**ATMS08 - Incident Management
Local City/Town (TM to EM)**



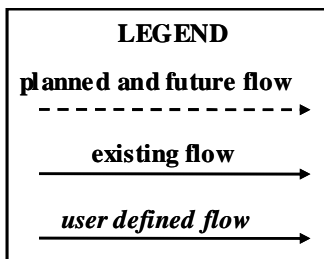
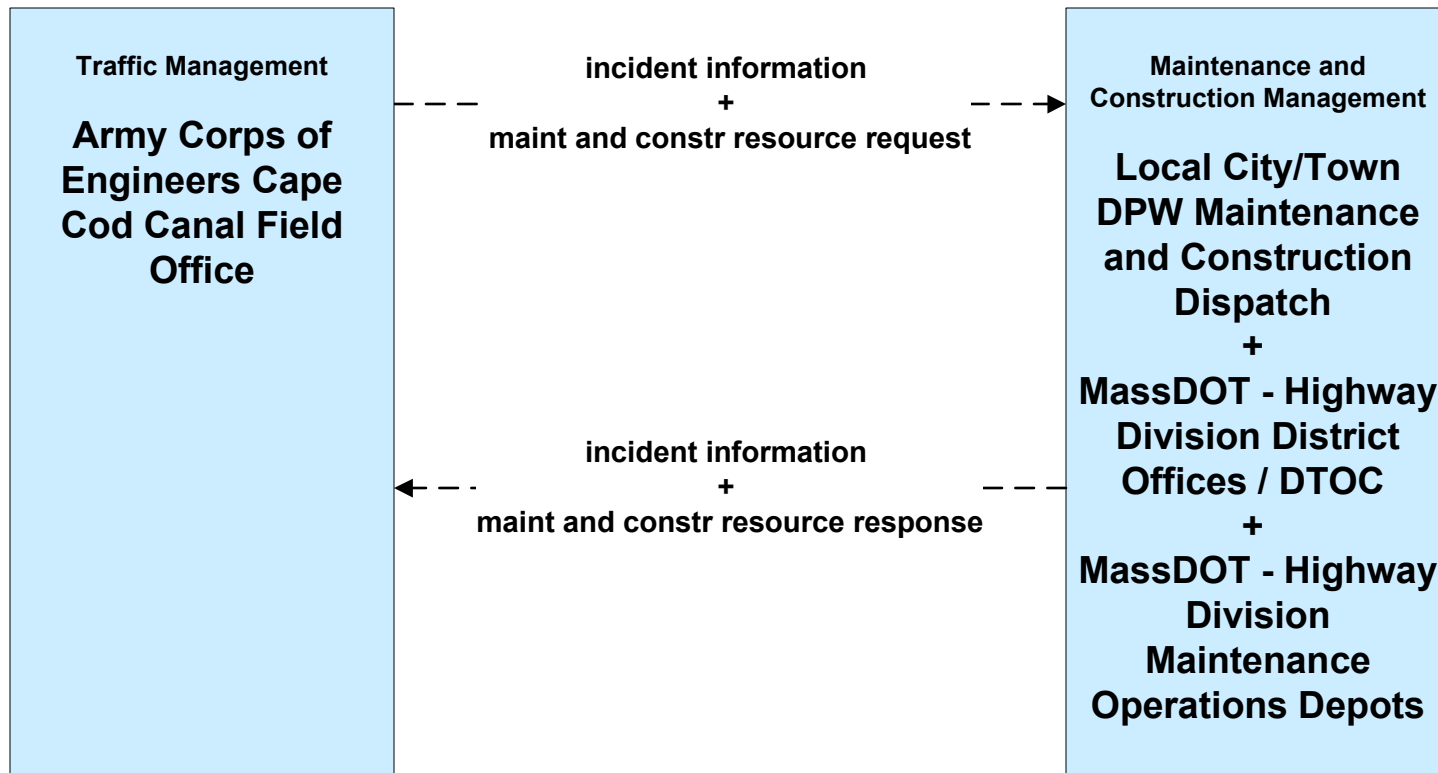
**ATMS08 - Incident Management
Cape Cod National Seashore (TM to EM)**



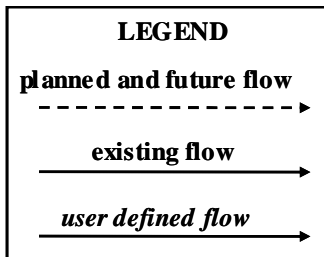
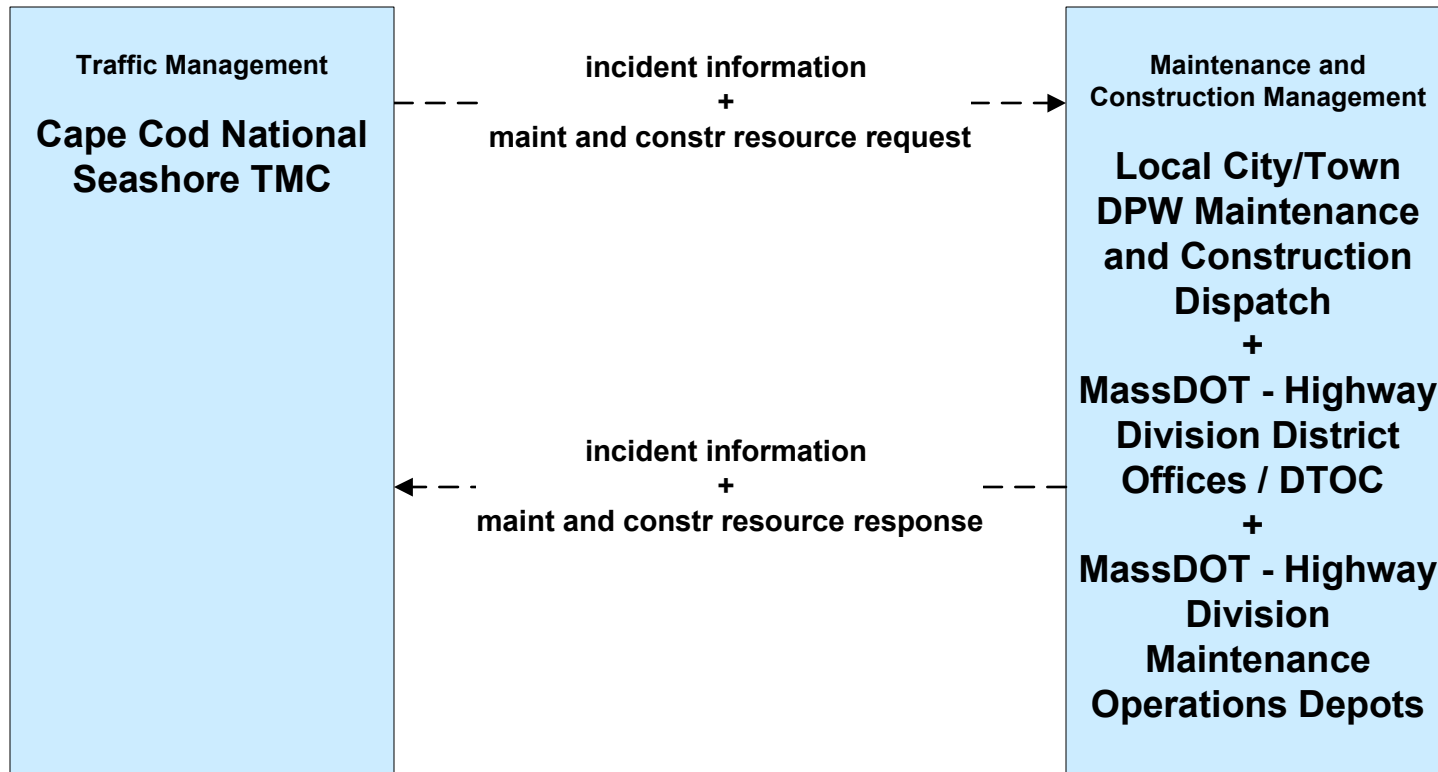
ATMS08 - Incident Management
MassDOT – Highway Division (TM to MCM)



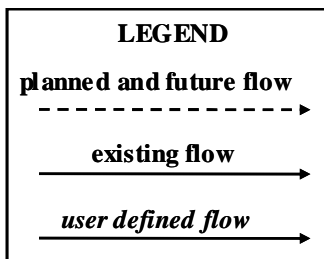
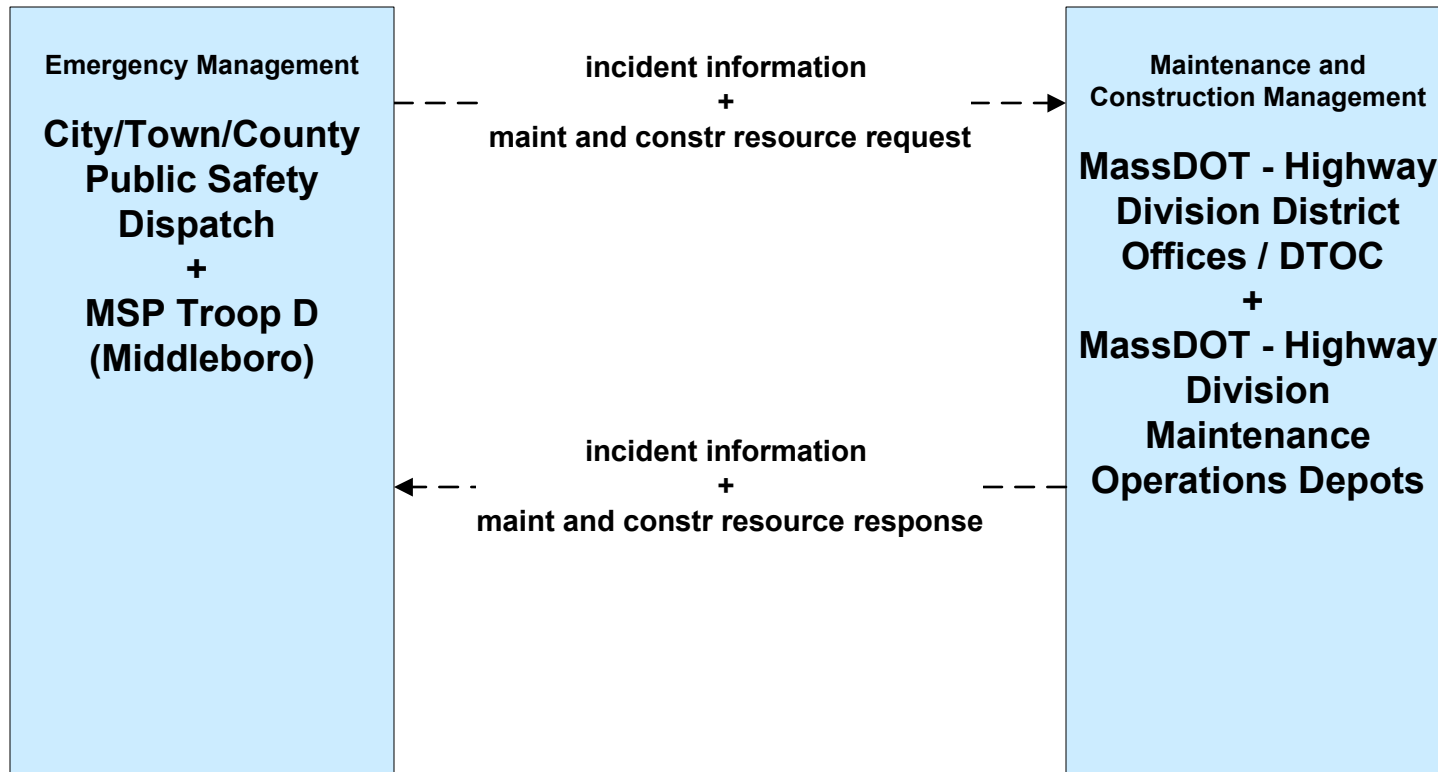
ATMS08 - Incident Management
Army Corps of Engineers (TM to MCM)



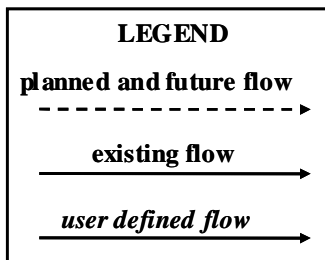
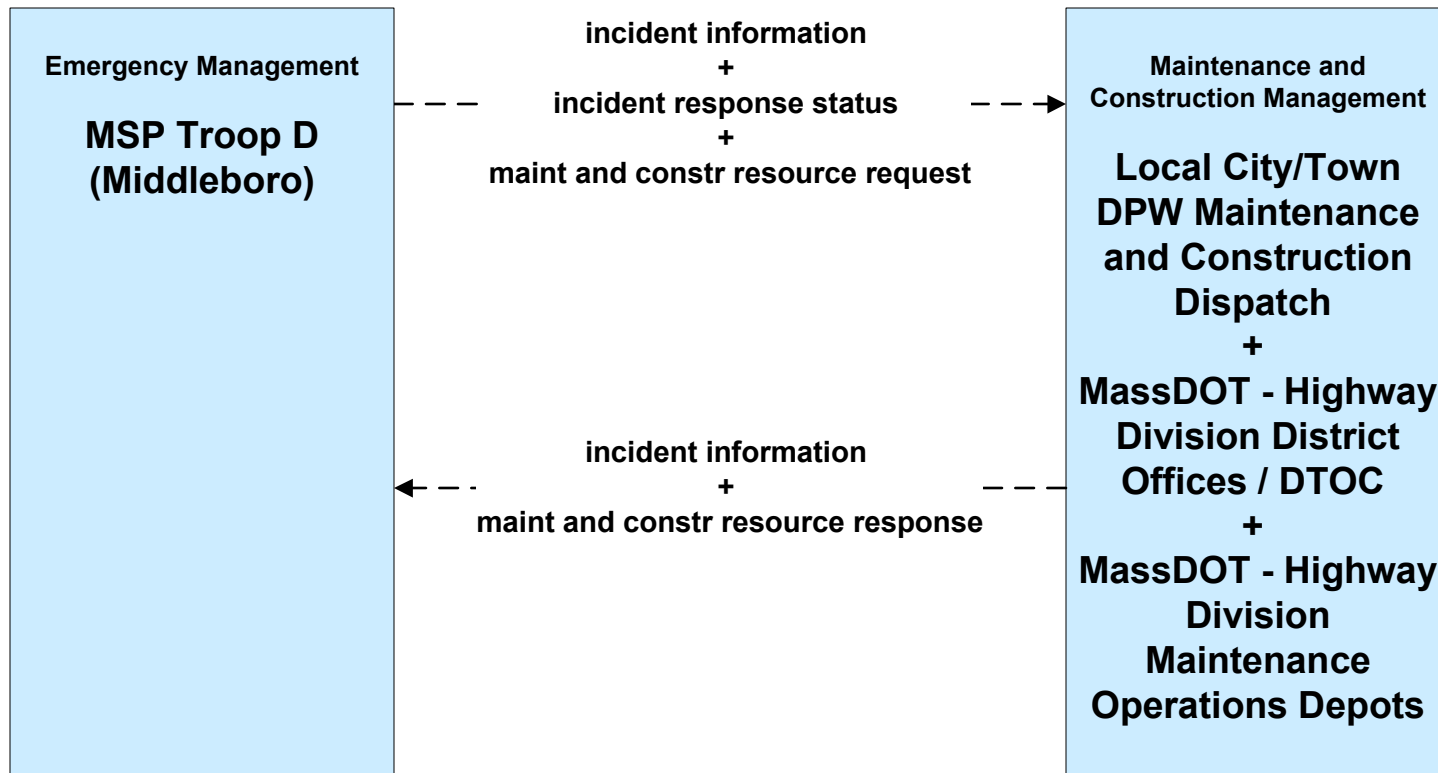
**ATMS08 - Incident Management
Cape Cod National Seashore (TM to MCM)**



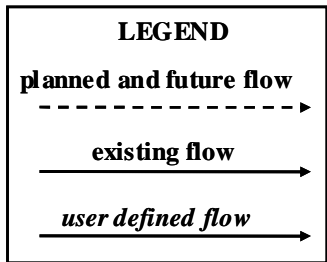
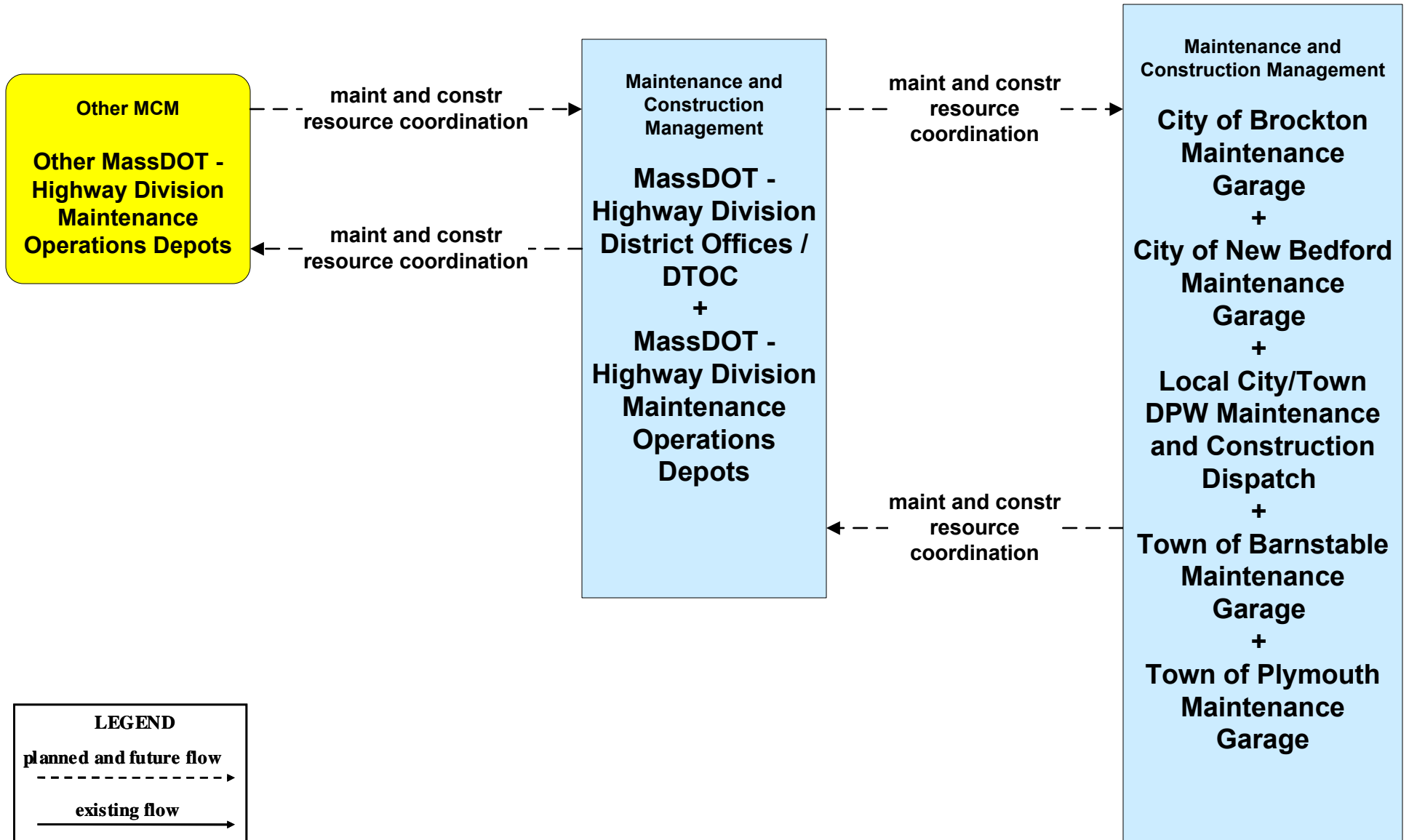
**ATMS08 - Incident Management
MassDOT - Highway Division (EM to MCM)**



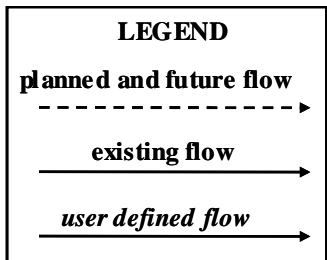
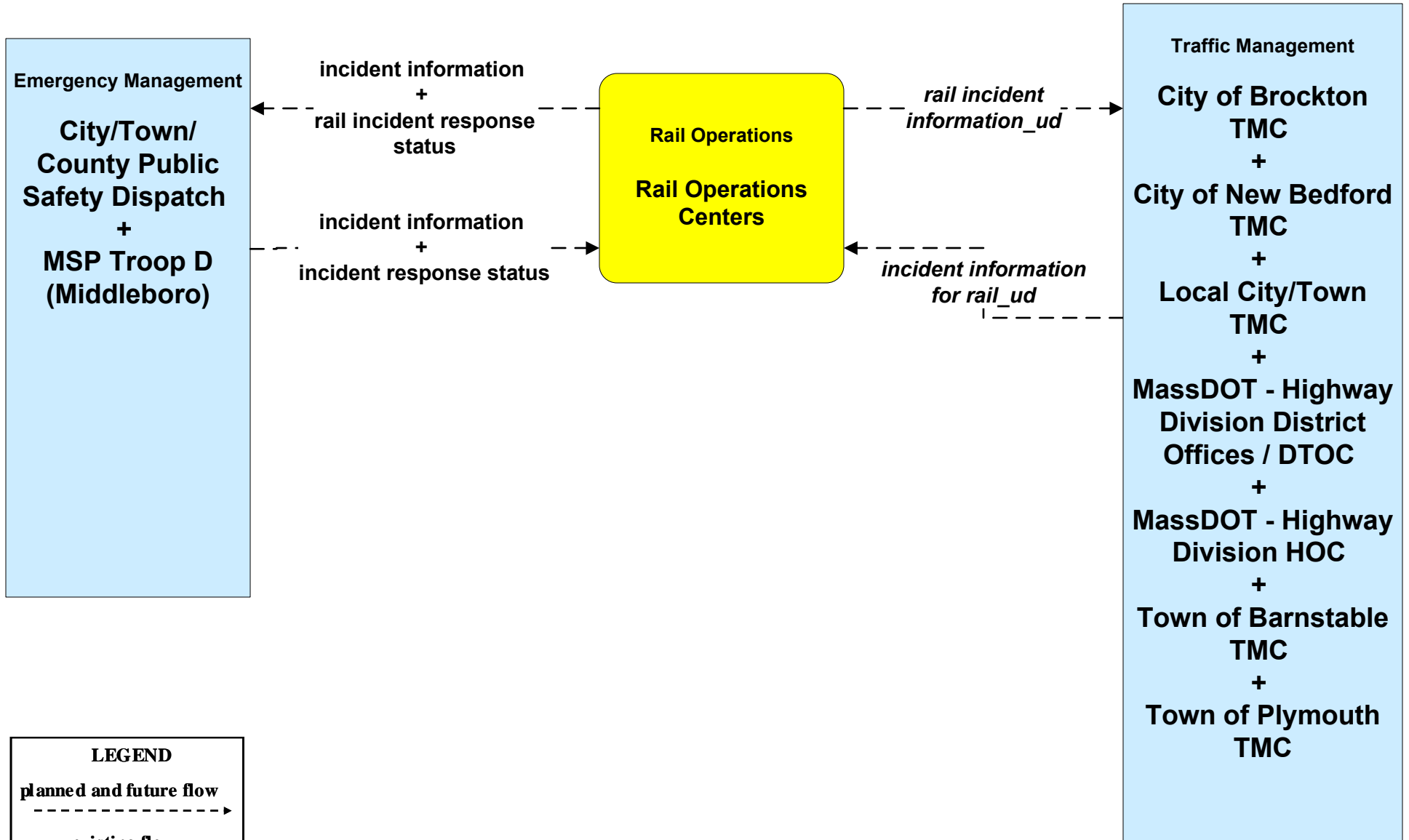
**ATMS08 - Incident Management
Massachusetts State Police (EM to MCM)**



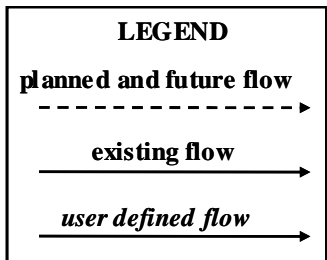
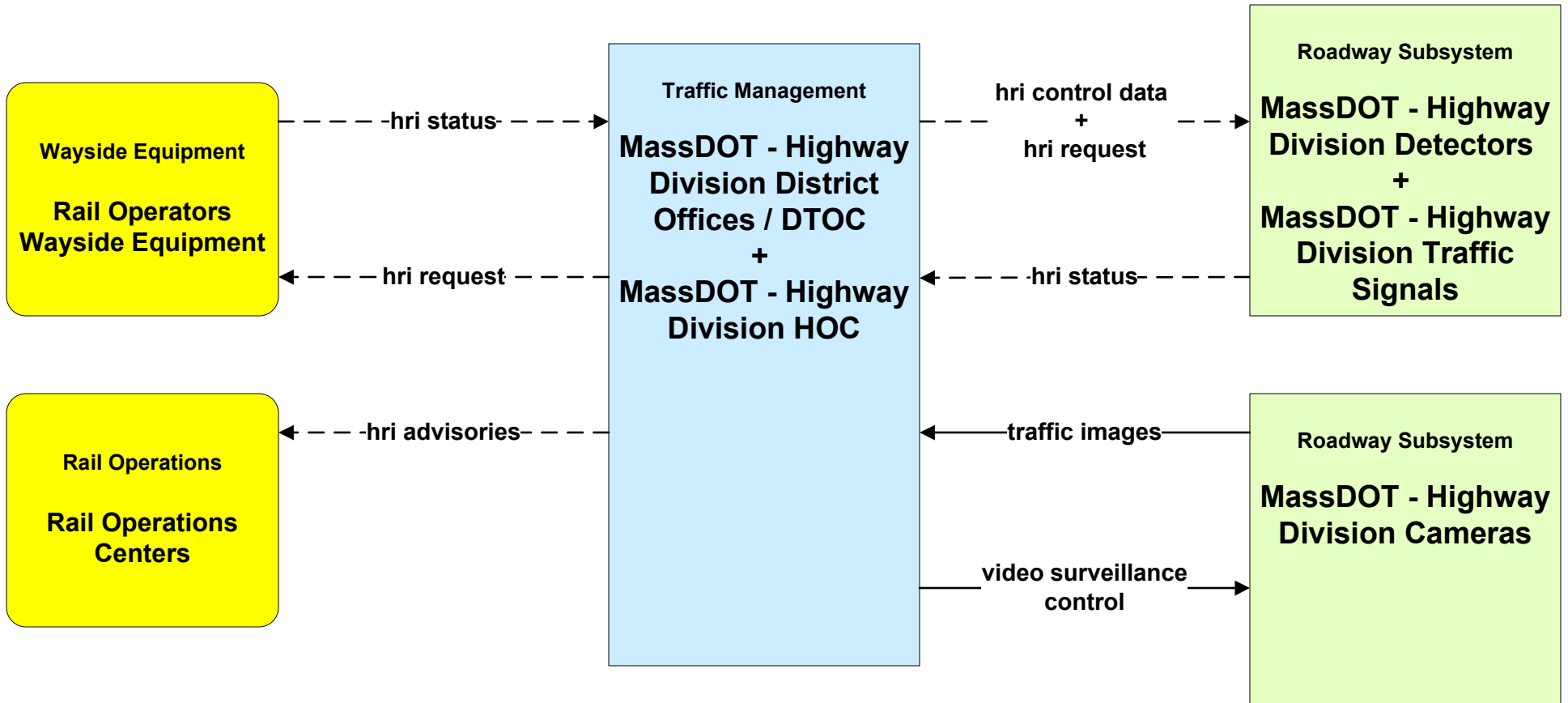
ATMS08 - Incident Management
MassDOT - Highway Division (MCM to Other MCM)



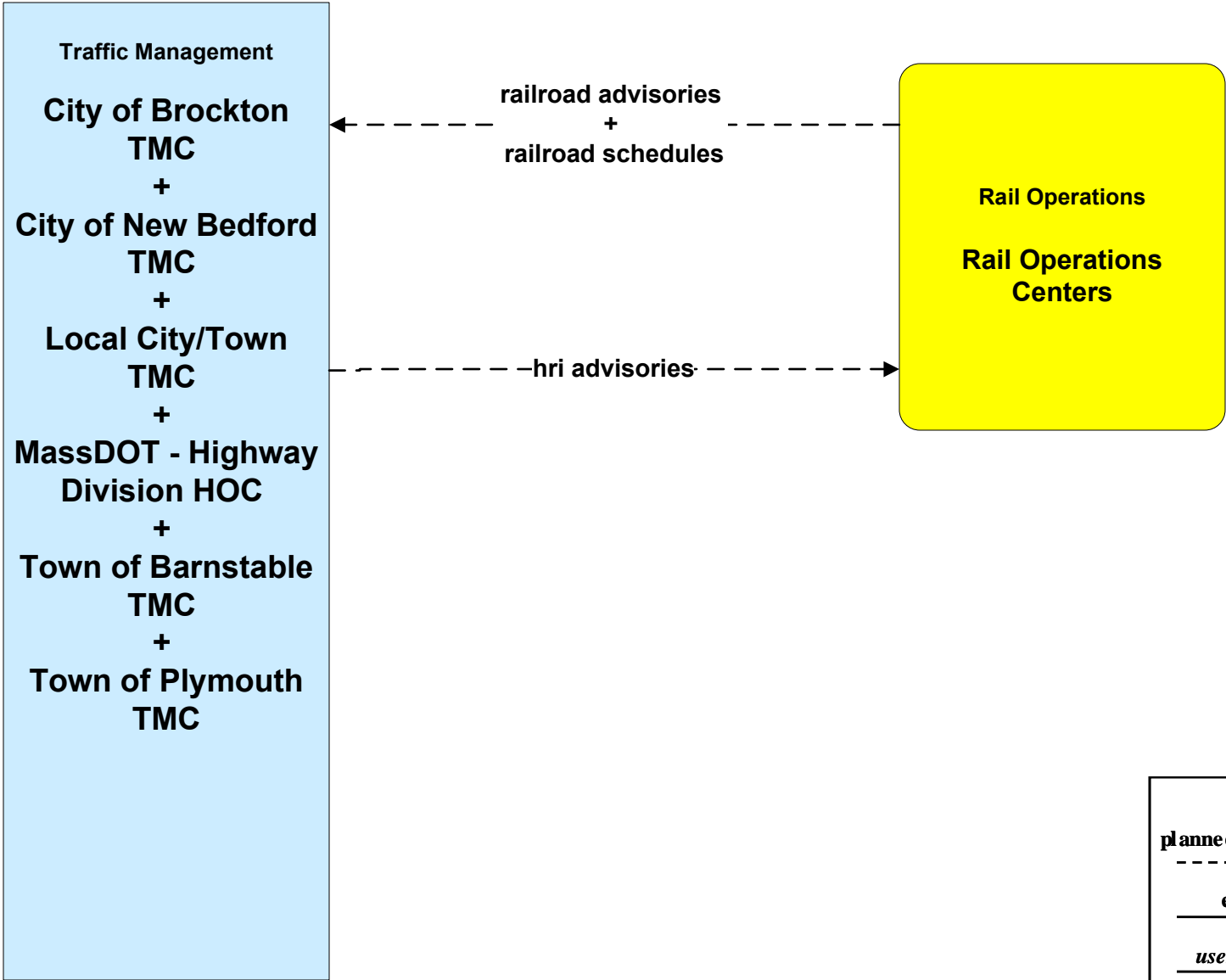
ATMS08 - Incident Management Rail Operations Centers



**ATMS13 - Standard Railroad Crossing
MassDOT – Highway Division**



**ATMS15 - Railroad Operations Coordination
Rail Operations Centers**



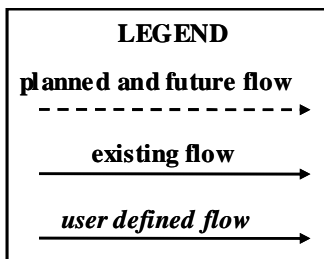
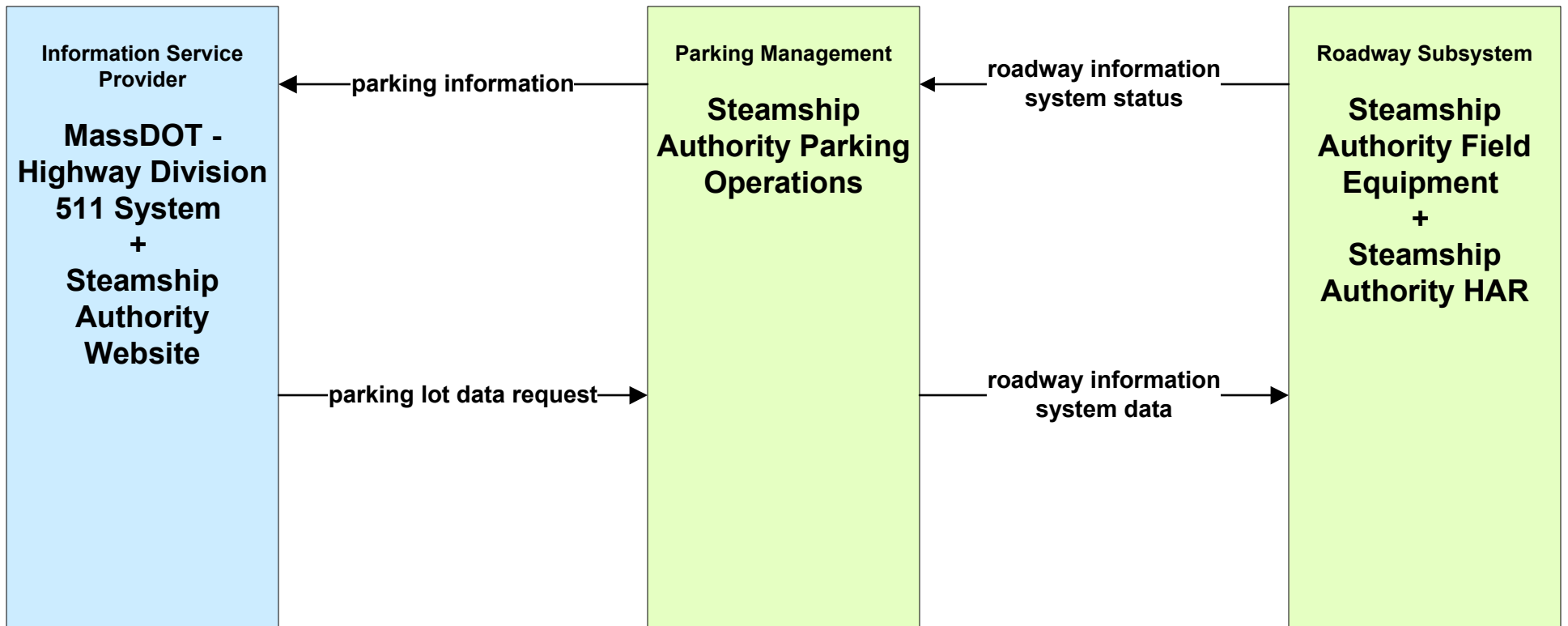
LEGEND

planned and future flow
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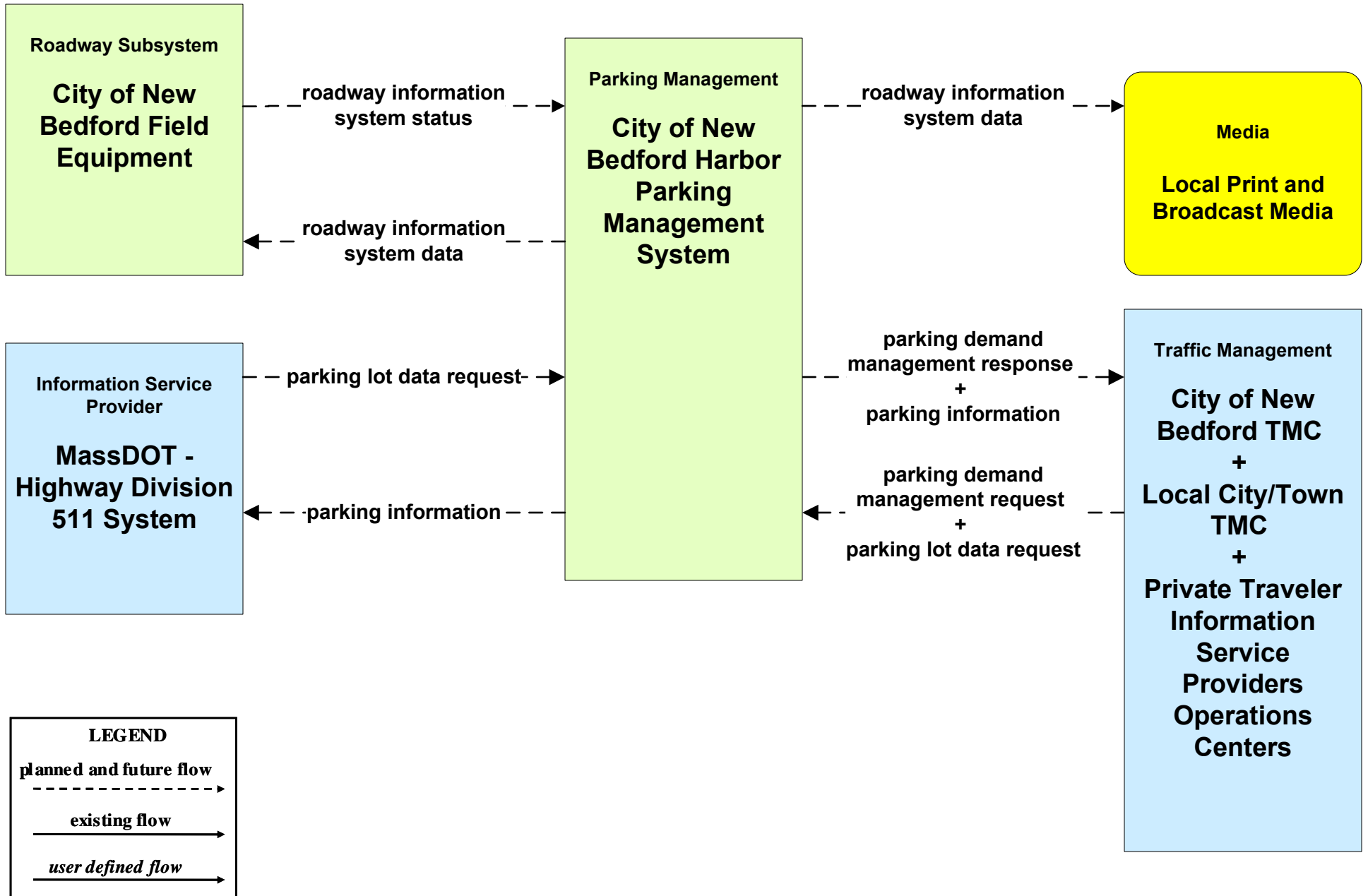
existing flow
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user defined flow
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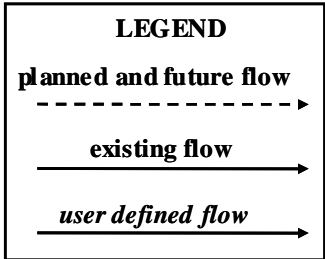
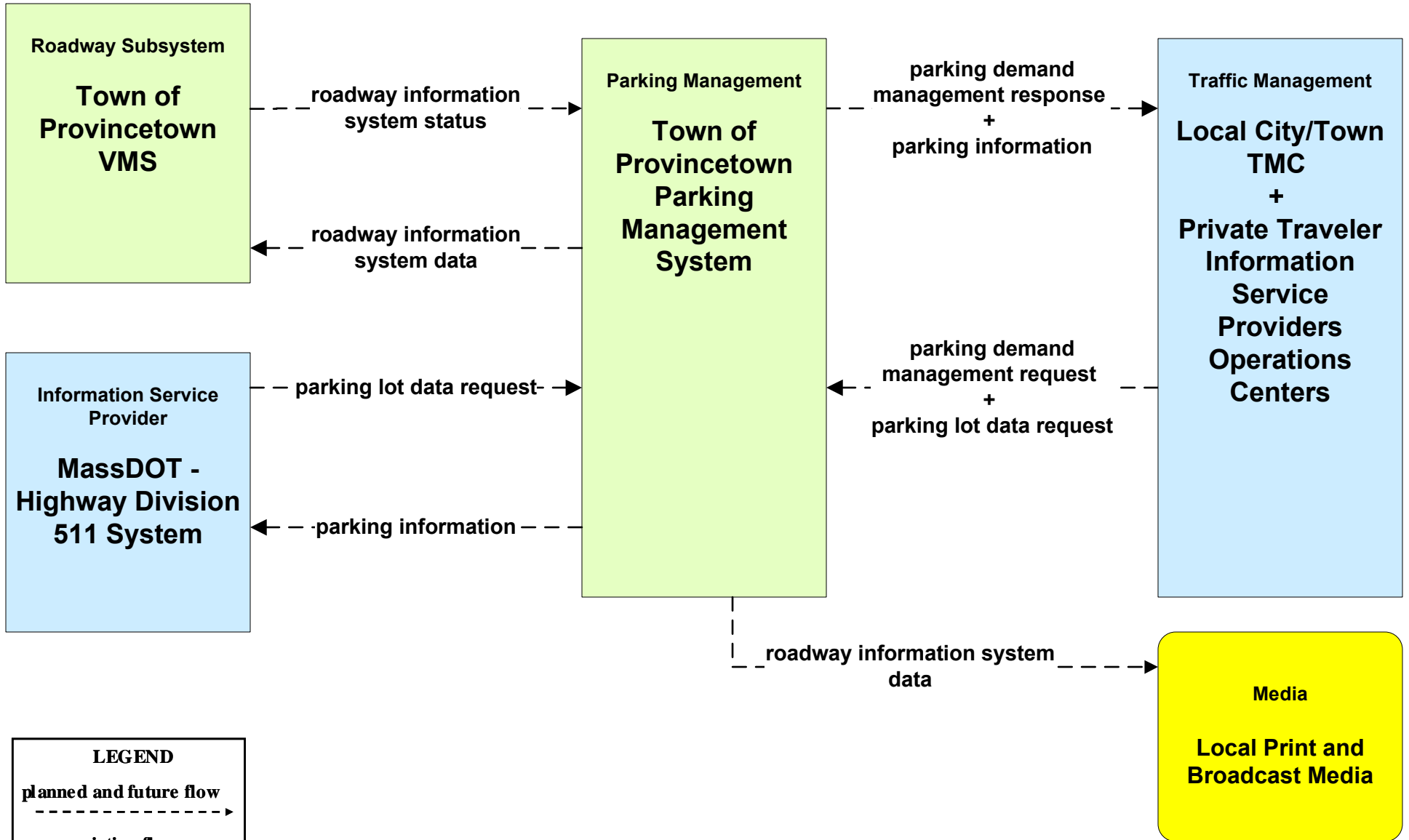
**ATMS17 - Regional Parking Management
Steamship Authority**



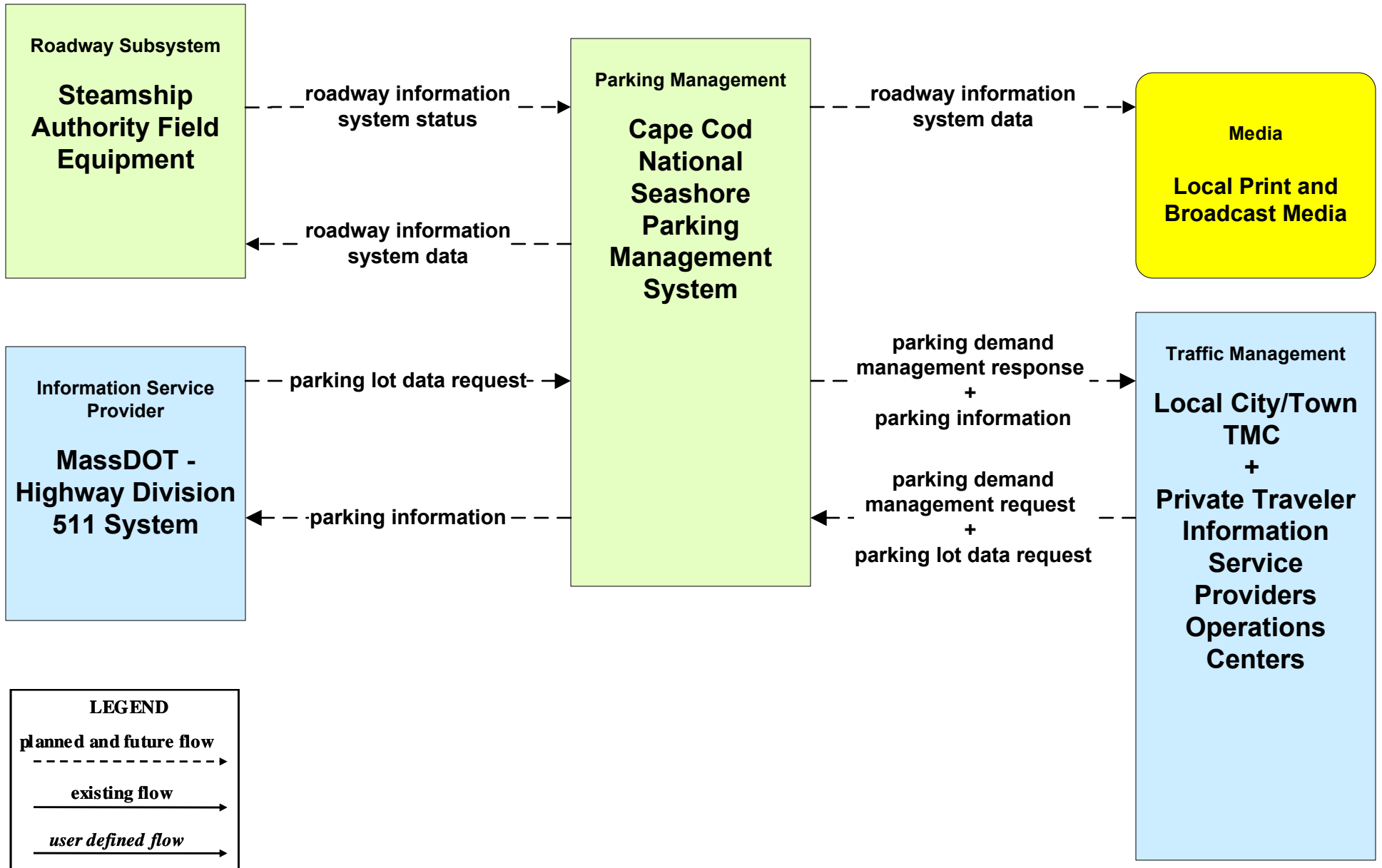
**ATMS17 - Regional Parking Management
City of New Bedford**



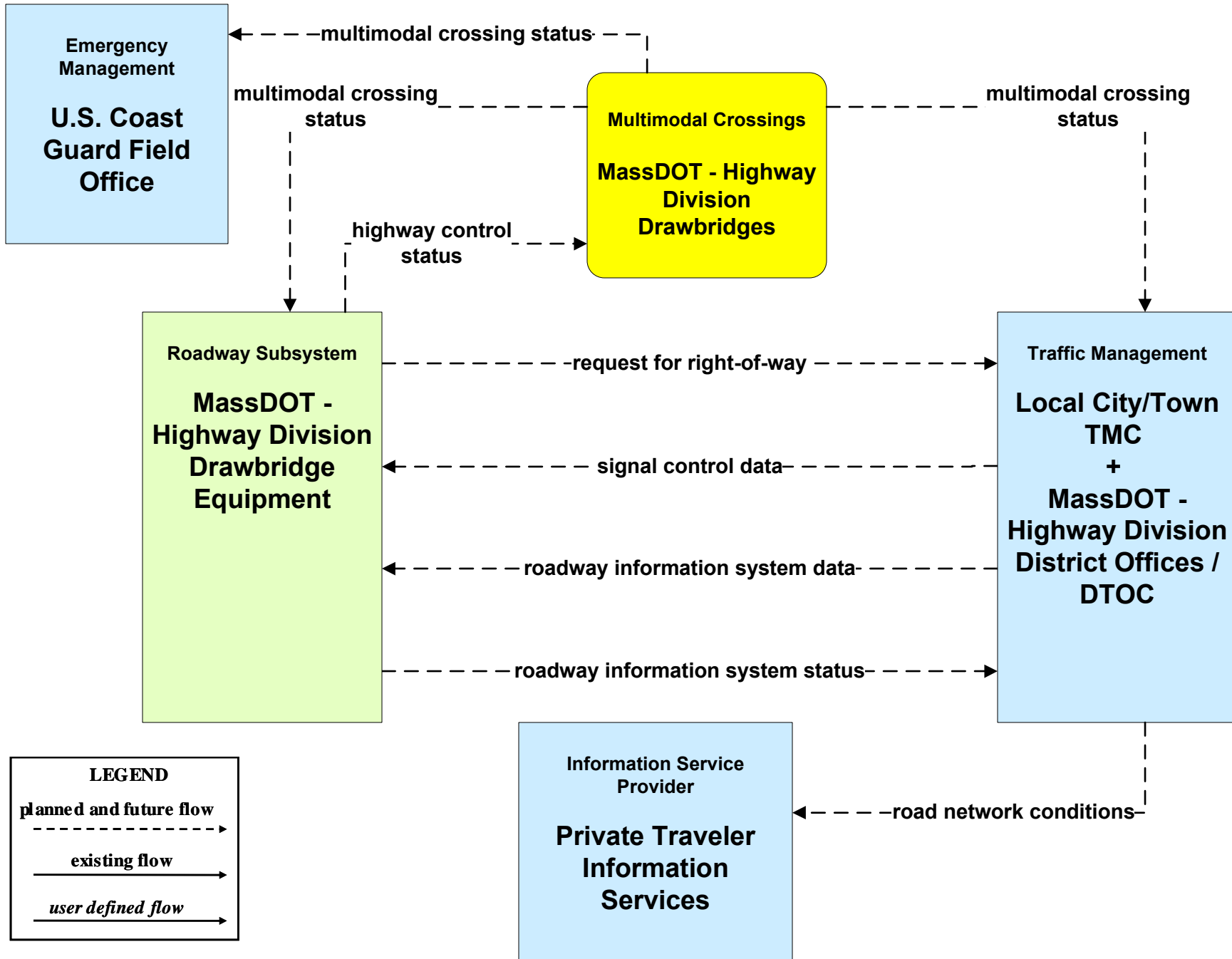
ATMS17 - Regional Parking Management Town of Provincetown



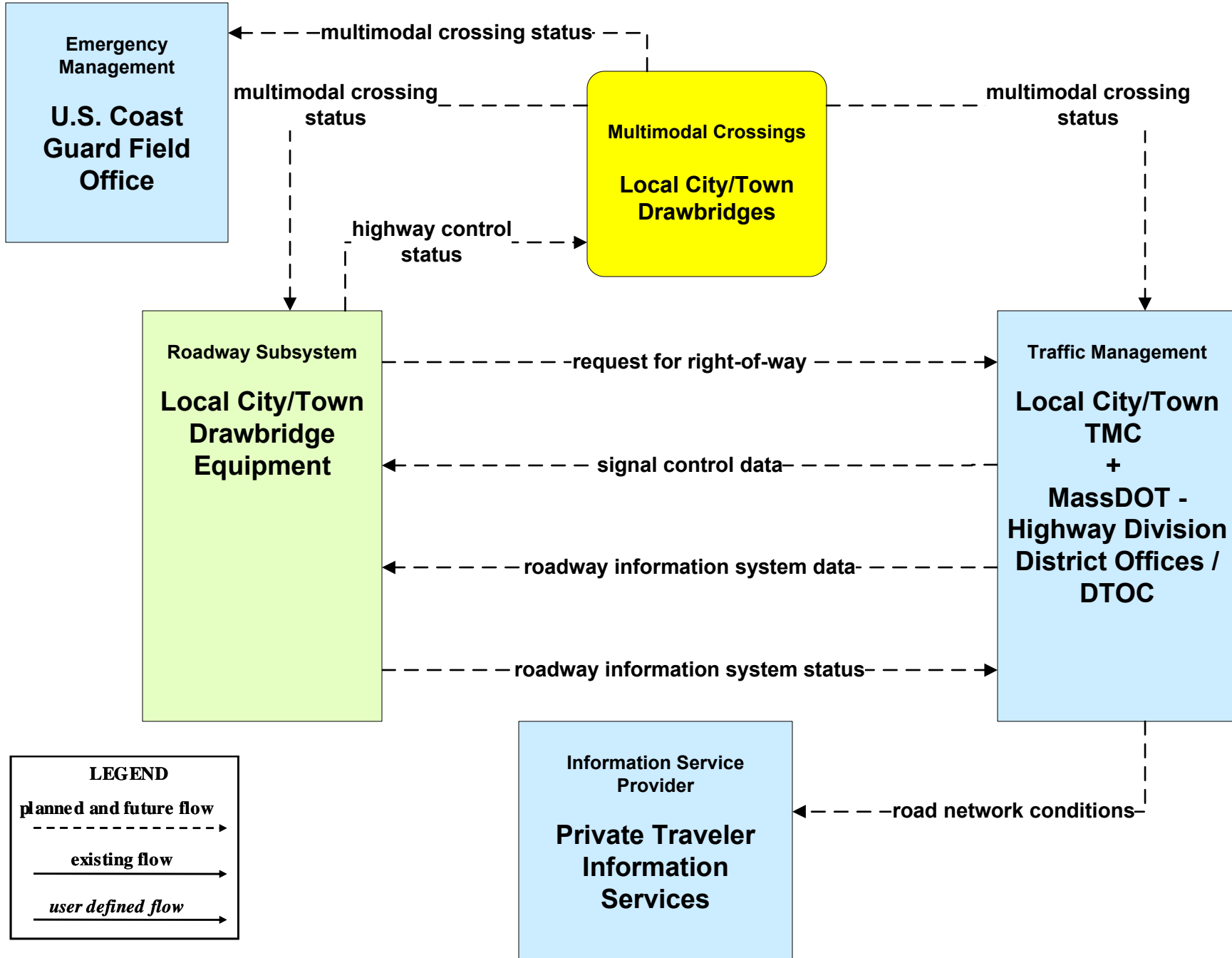
ATMS17 - Regional Parking Management Cape Cod National Seashore



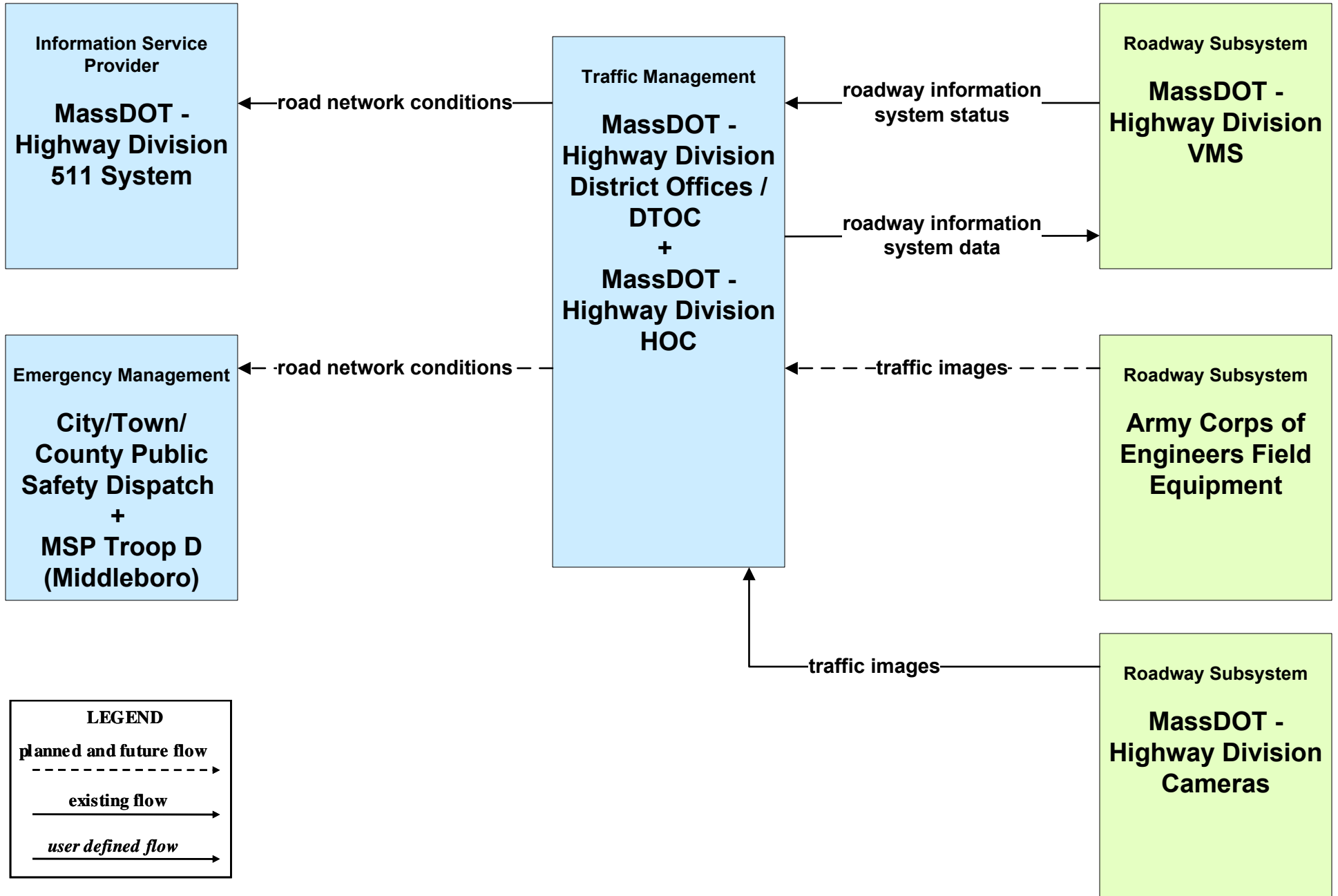
ATMS20 - Drawbridge Management MassDOT – Highway Division



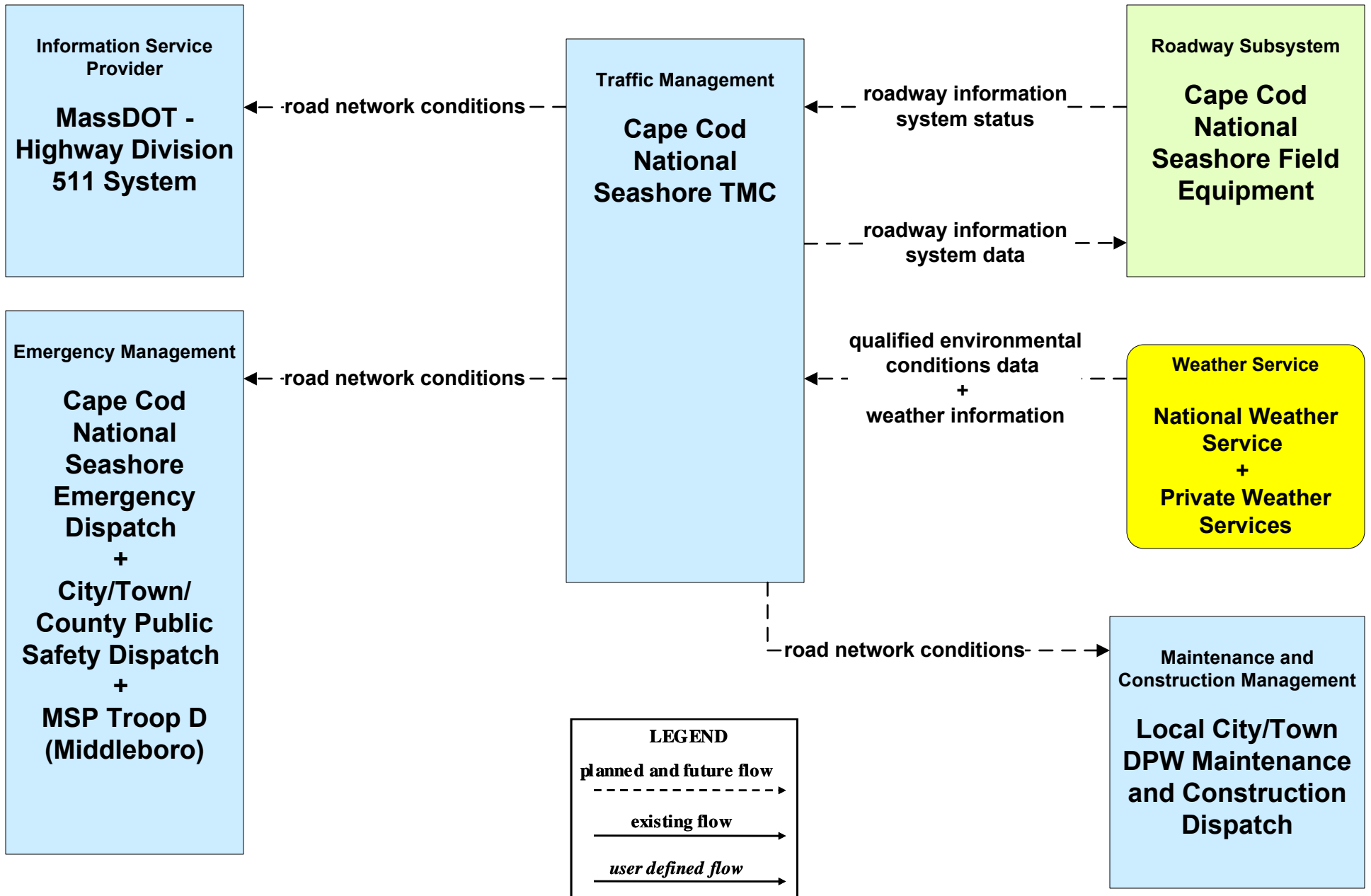
ATMS20 - Drawbridge Management Local City/Town



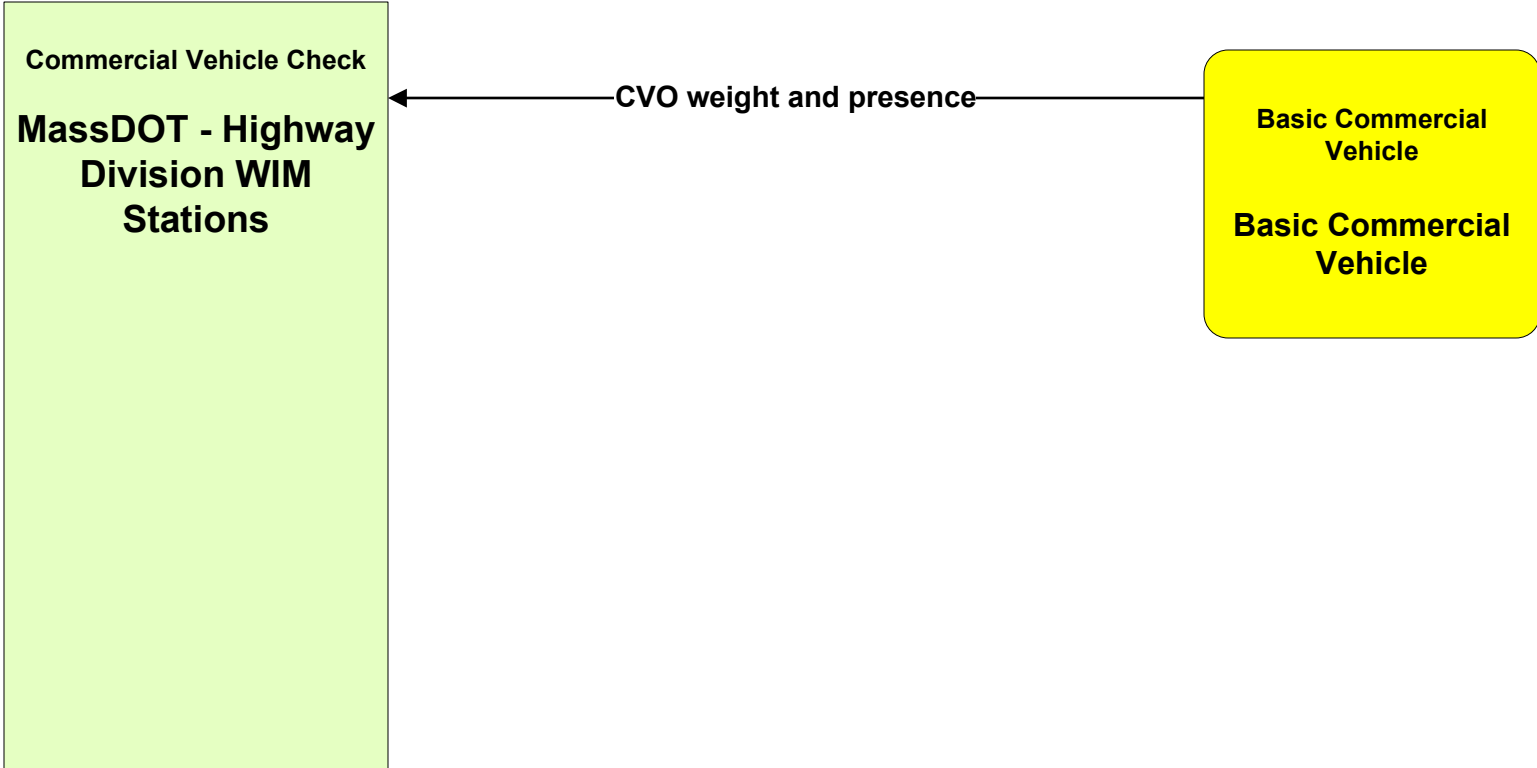
**ATMS21 - Roadway Closure Management
MassDOT – Highways Division**



ATMS21 - Roadway Closure Management Cape Cod National Seashore



**CVO06 - Weigh-In-Motion
MassDOT – Highway Division**



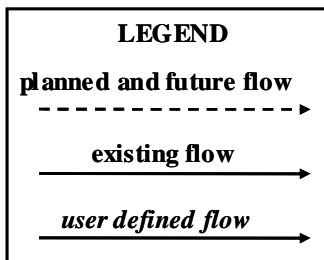
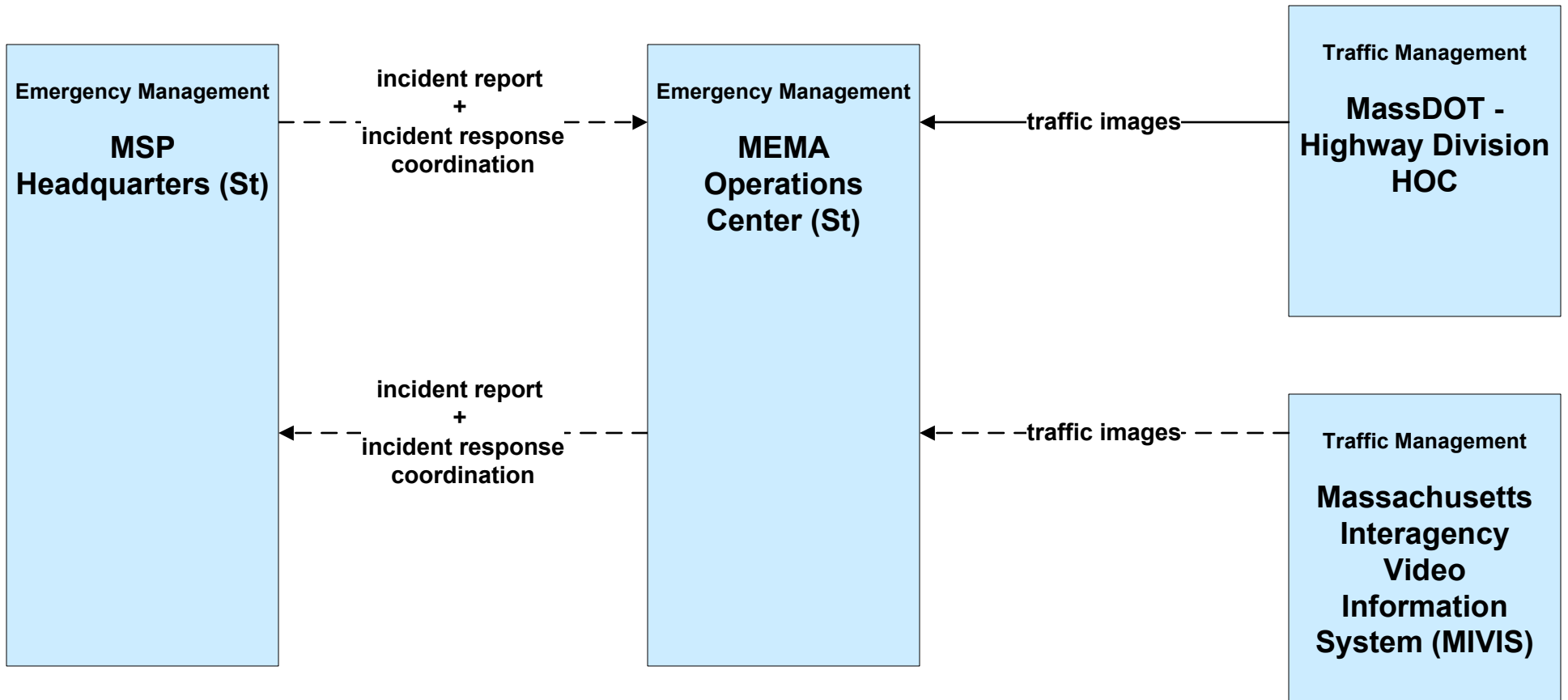
LEGEND

planned and future flow
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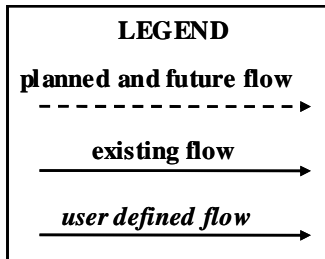
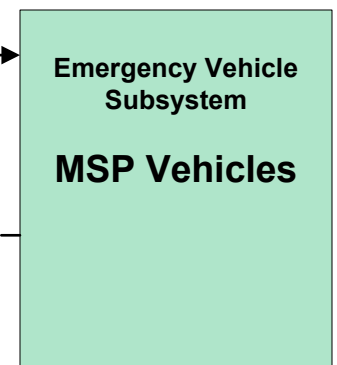
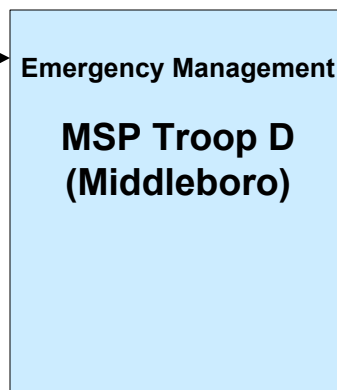
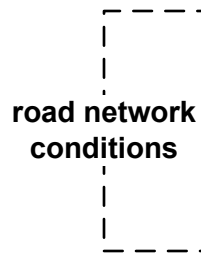
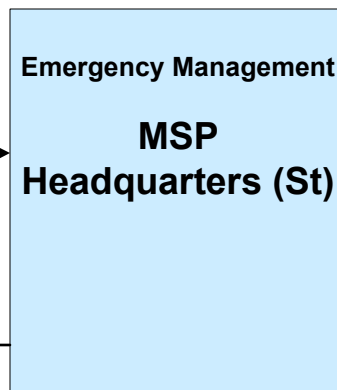
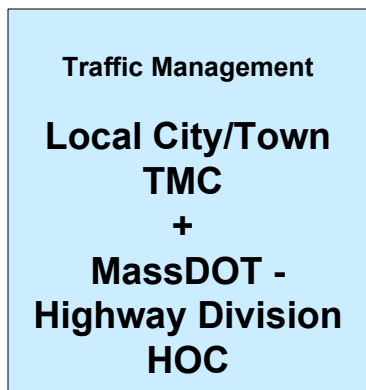
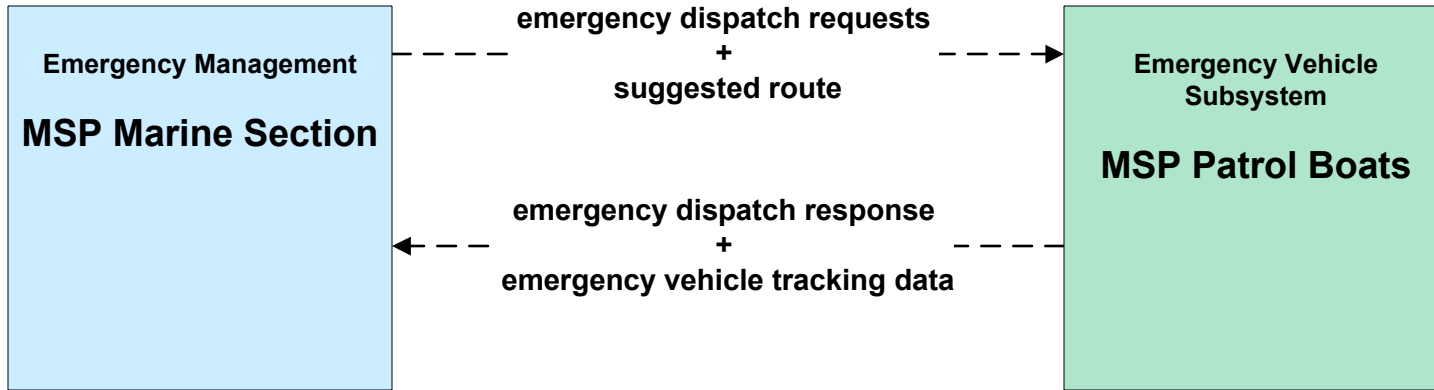
existing flow
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user defined flow
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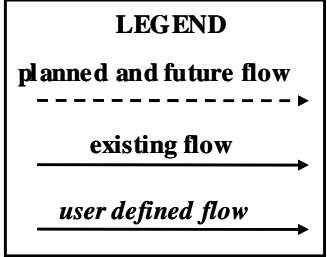
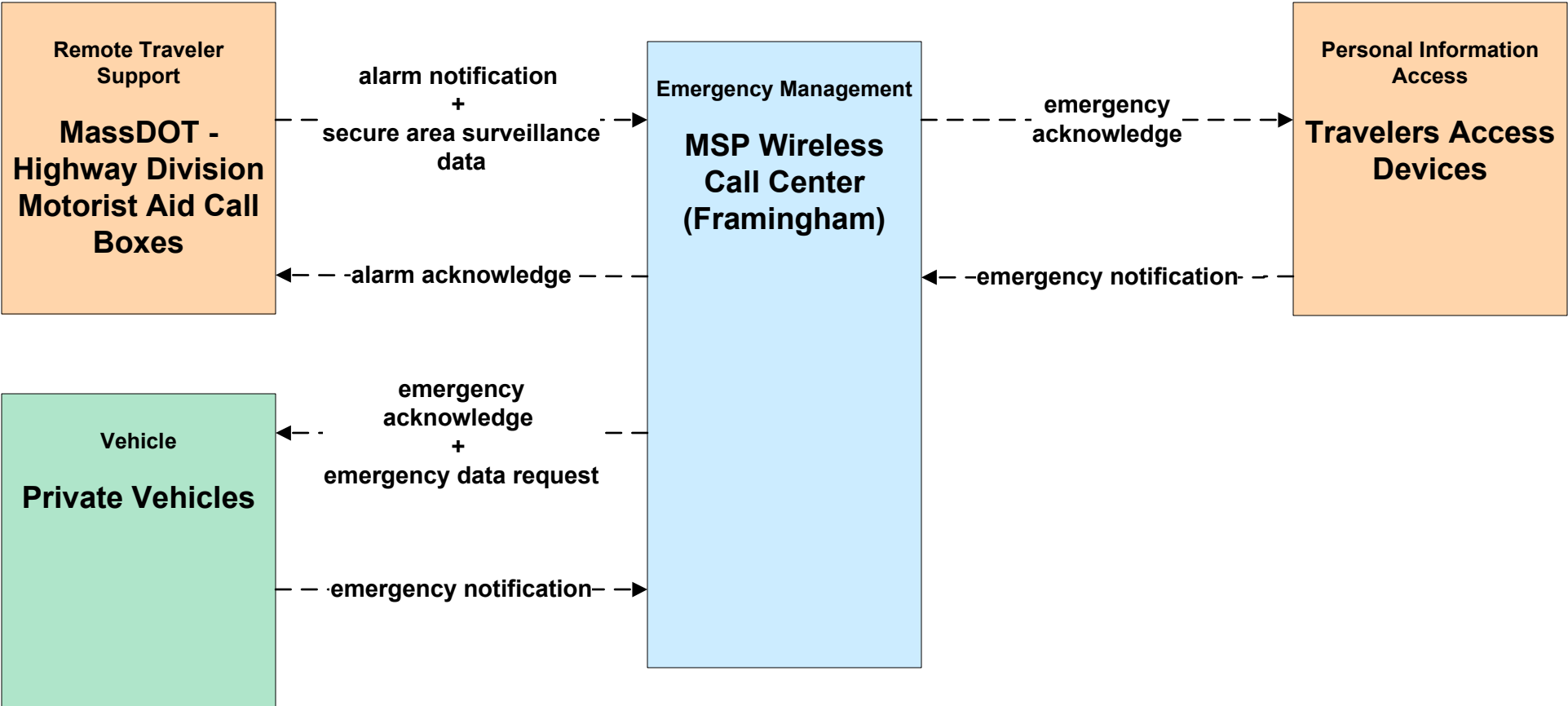
**EM01 - Emergency Response Coordination
MEMA Operations Center (St)**



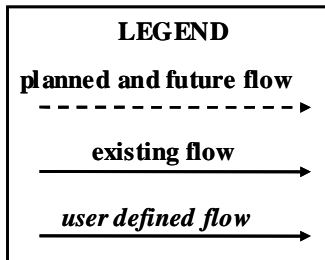
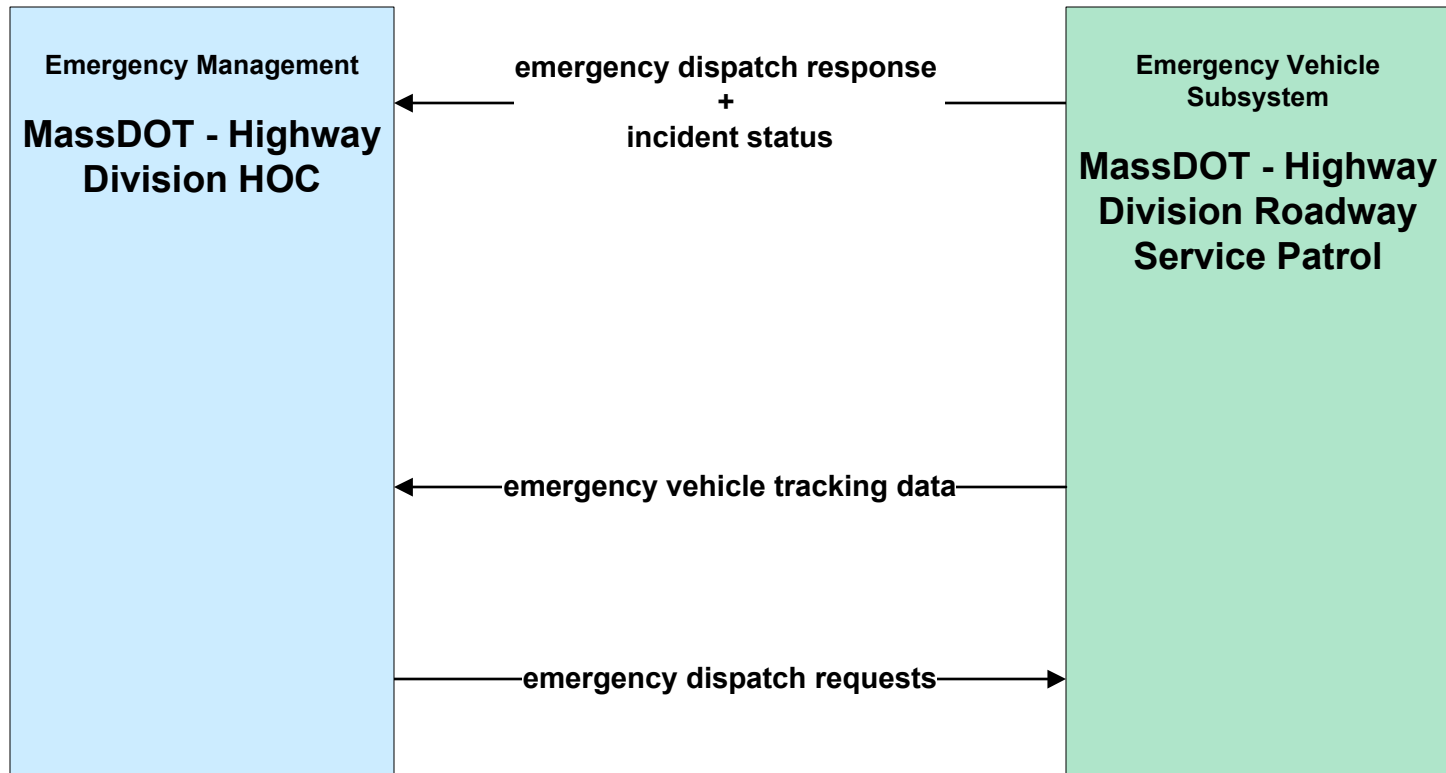
EM02 - Emergency Routing Massachusetts State Police



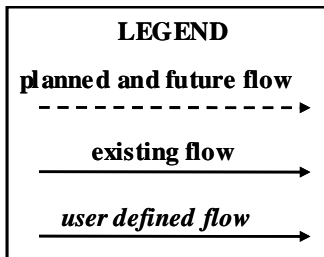
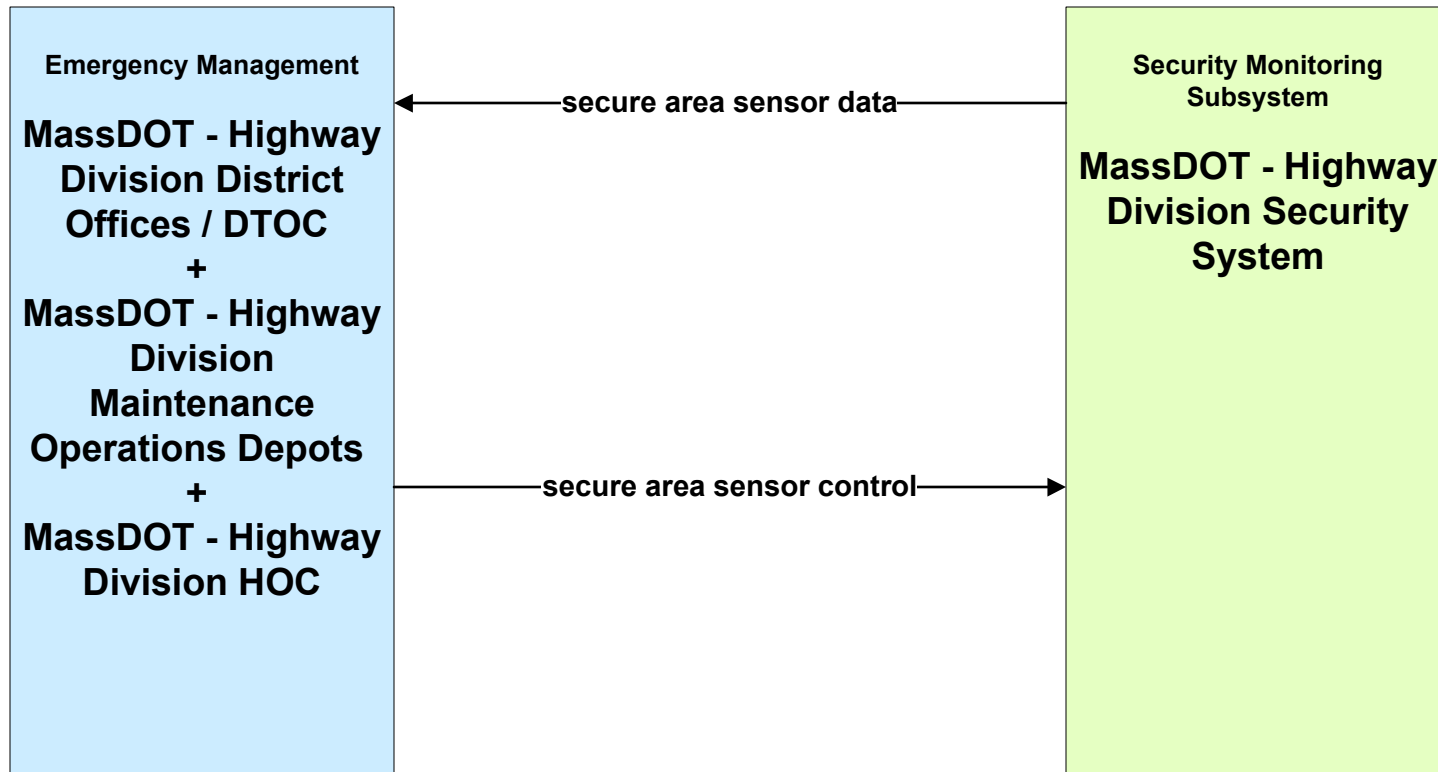
**EM03 - Mayday Support
Massachusetts State Police**



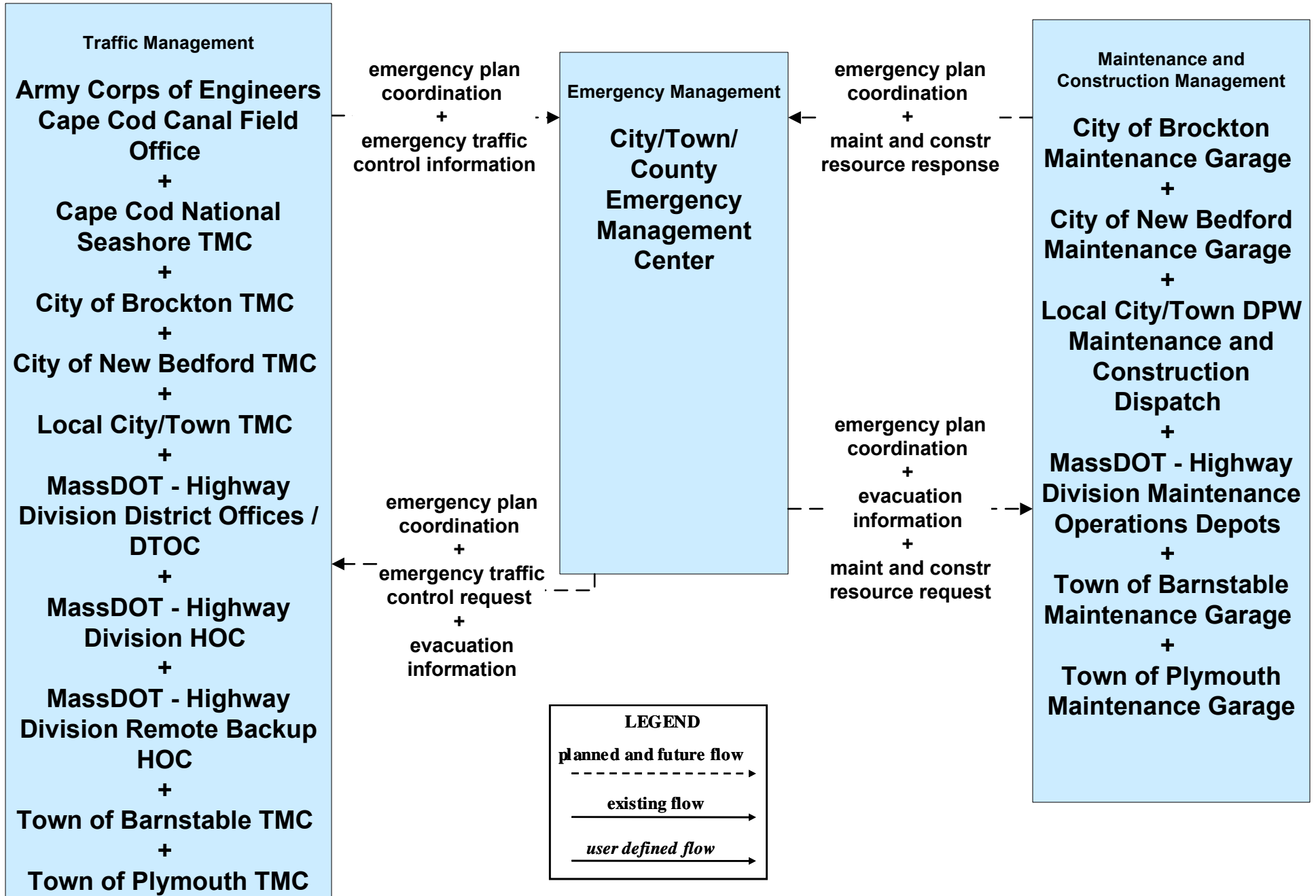
**EM04 - Roadway Service Patrols
MassDOT - Highway Division**



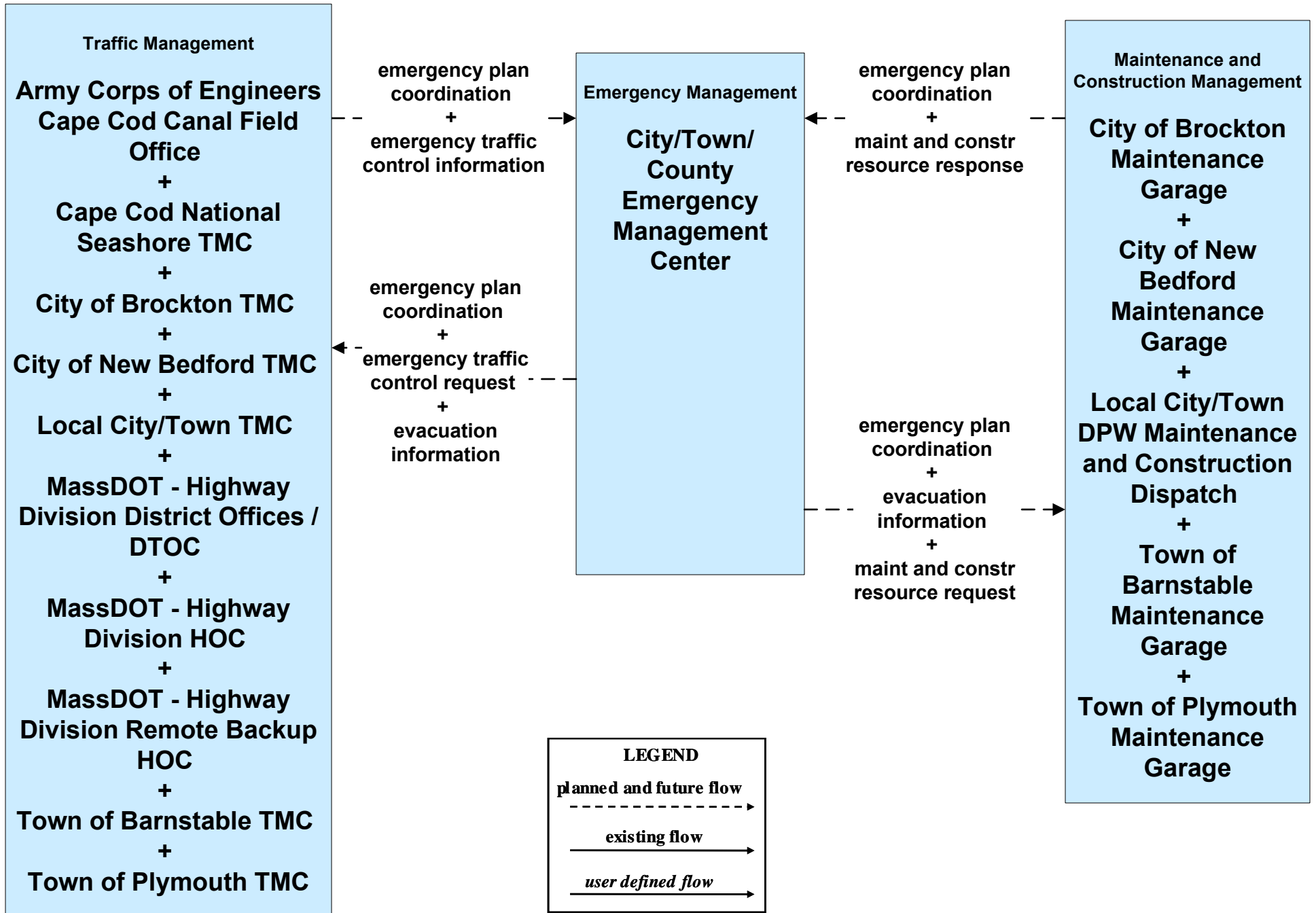
**EM05 - Transportation Infrastructure Protection
MassDOT – Highway Division**



EM08 - Disaster Response
City/Town/County Emergency Management Center (1 of 2)



**EM09 - Evacuation and Reentry Management
City/Town/County Emergency Management Center (1 of 2)**



MC01 - Maintenance and Construction Vehicle Tracking
MassDOT – Highway Division and Local City/Town

Maintenance and
Construction Management
**MassDOT - Highway
Division District
Offices / DTOC**
+
**MassDOT - Highway
Division
Maintenance
Operations Depots**

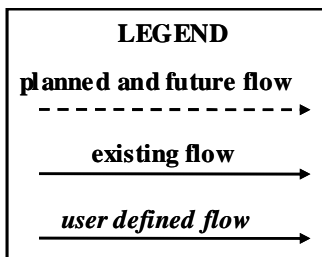
Maintenance and
Construction Vehicle
**MassDOT - Highway
Division
Maintenance and
Construction
Vehicles**

← - - - maint and constr vehicle location data - - - →

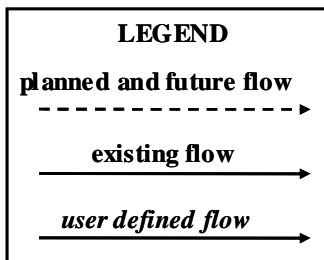
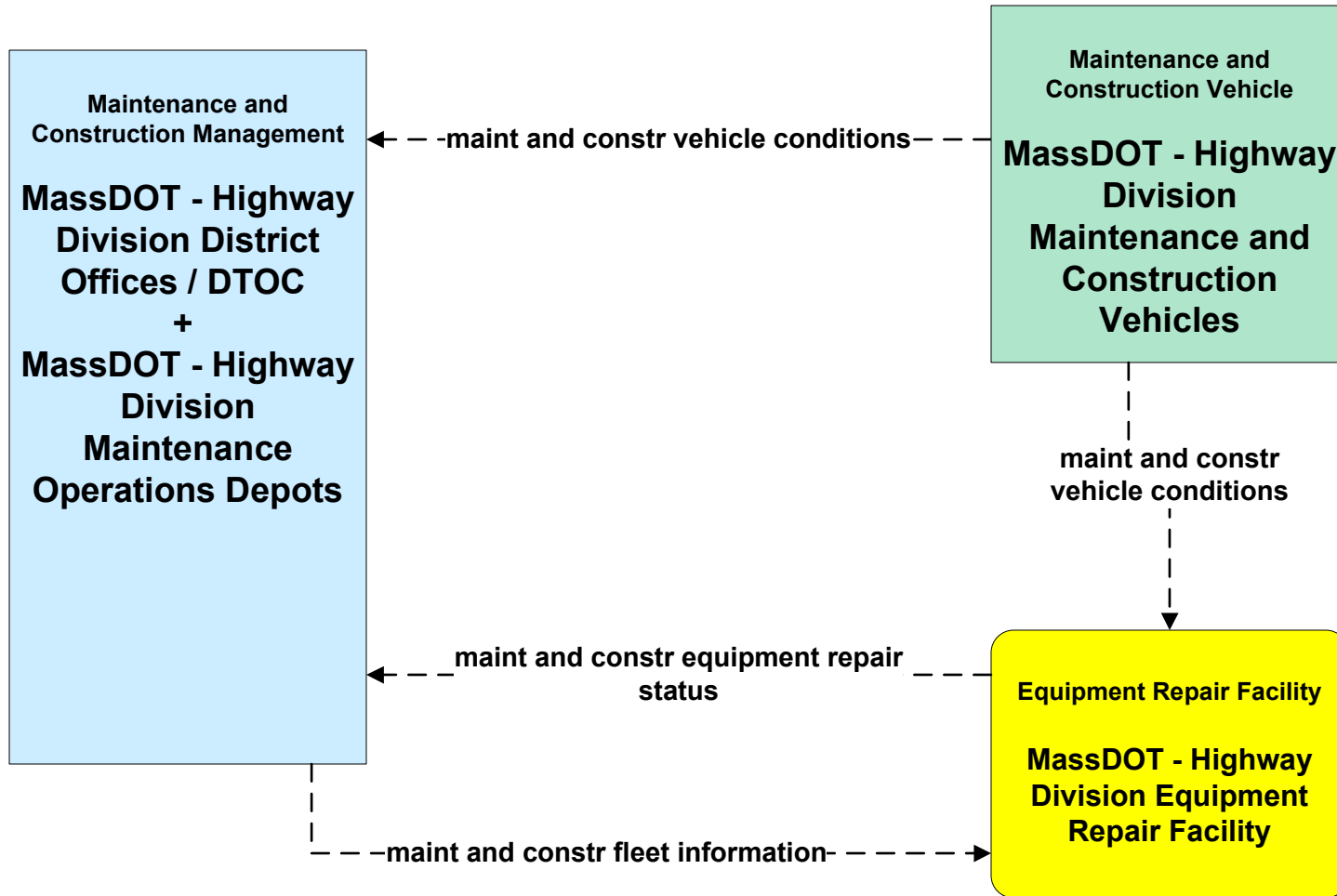
Maintenance and
Construction Management
**Local City/Town
DPW Maintenance
and Construction
Dispatch**

Maintenance and
Construction Vehicle
**Local City/Town
DPW Maintenance
and Construction
Vehicles**

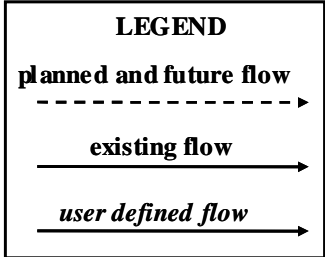
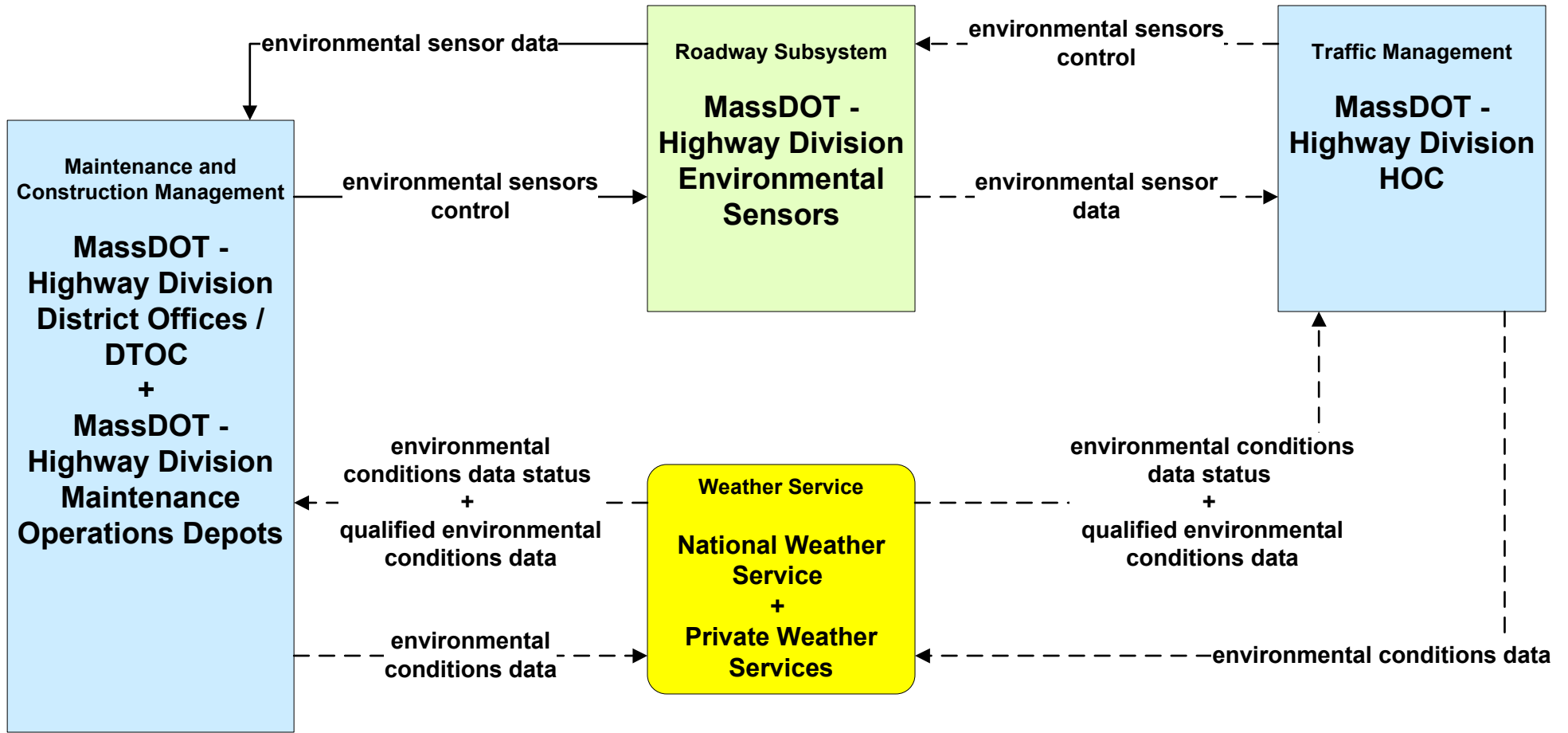
← - - - maint and constr
vehicle location data - - - →



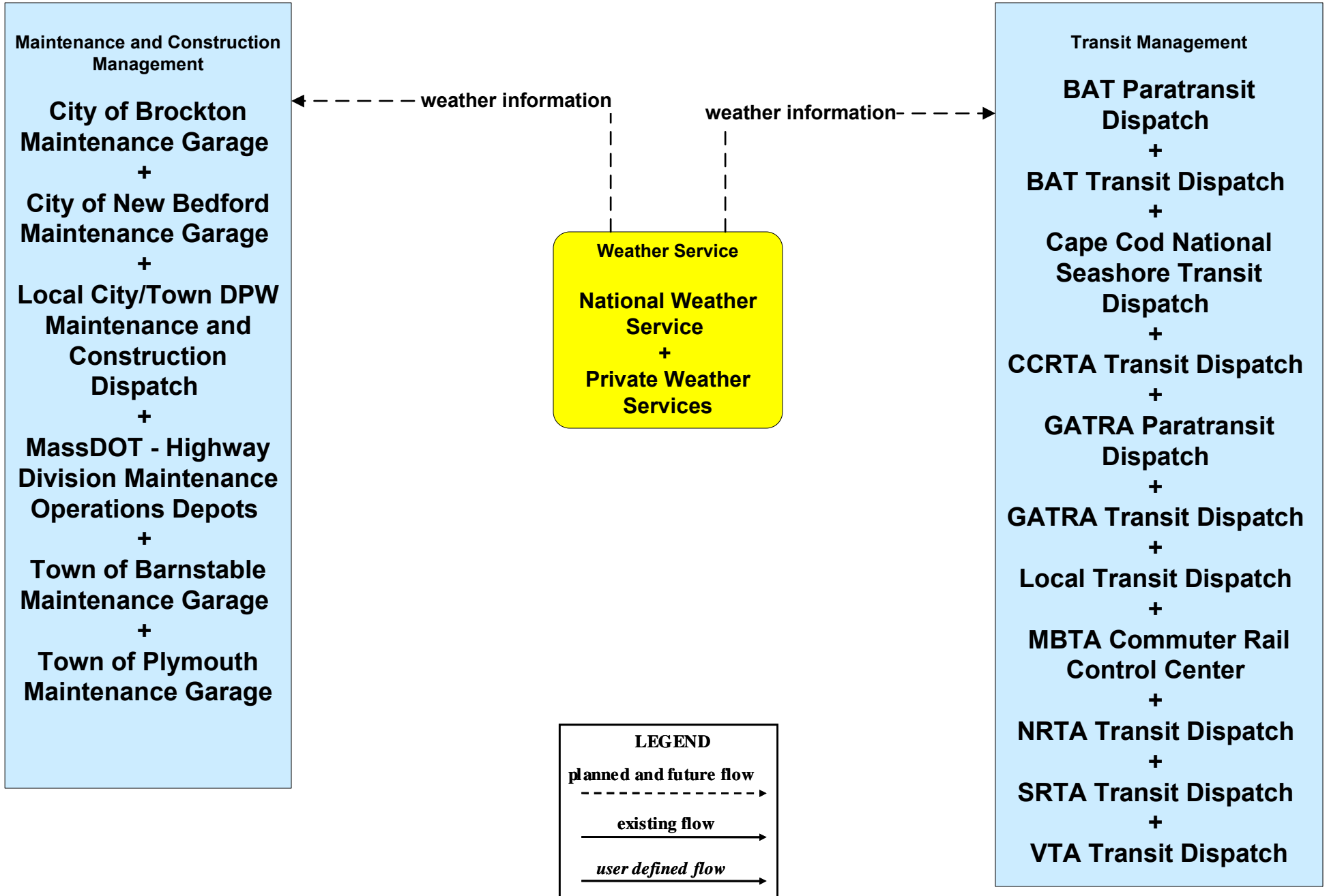
**MC02 - Maintenance and Construction Vehicle Maintenance
MassDOT – Highway Division**



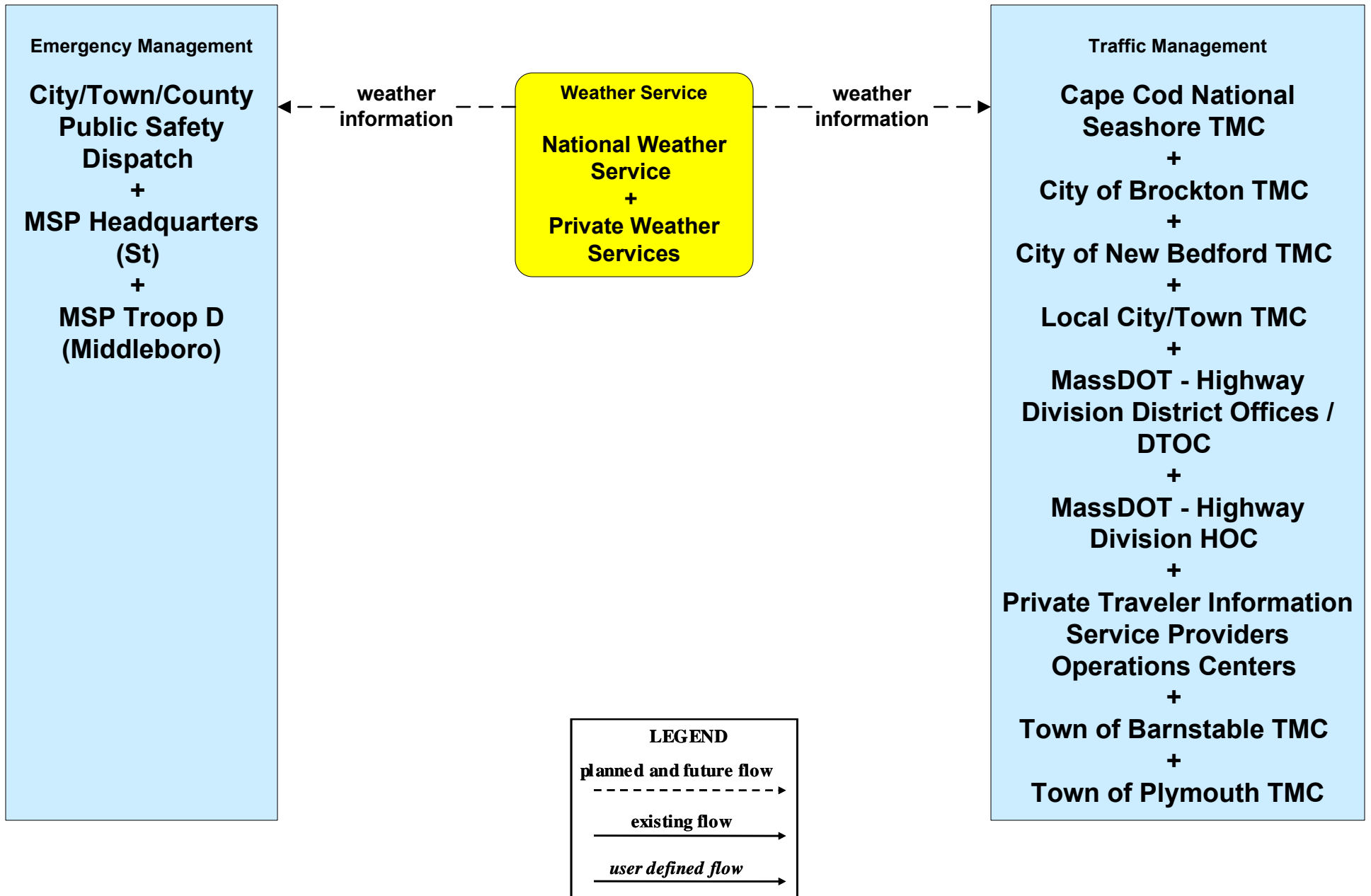
**MC03 - Road Weather Data Collection
MassDOT – Highway Division**



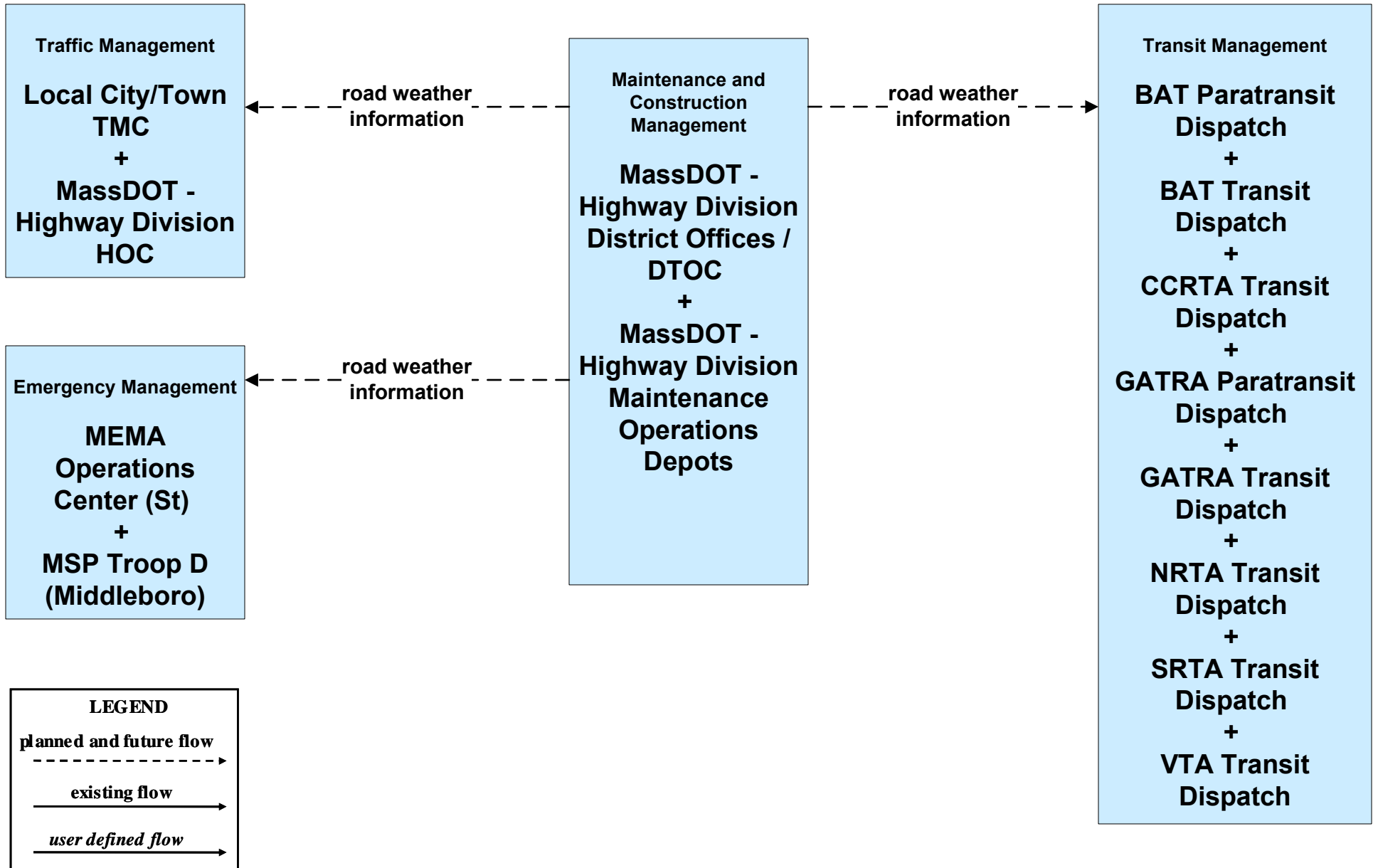
**MC04 - Weather Information Processing and Distribution
National Weather Service (1 of 2)**



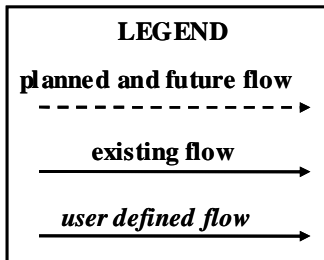
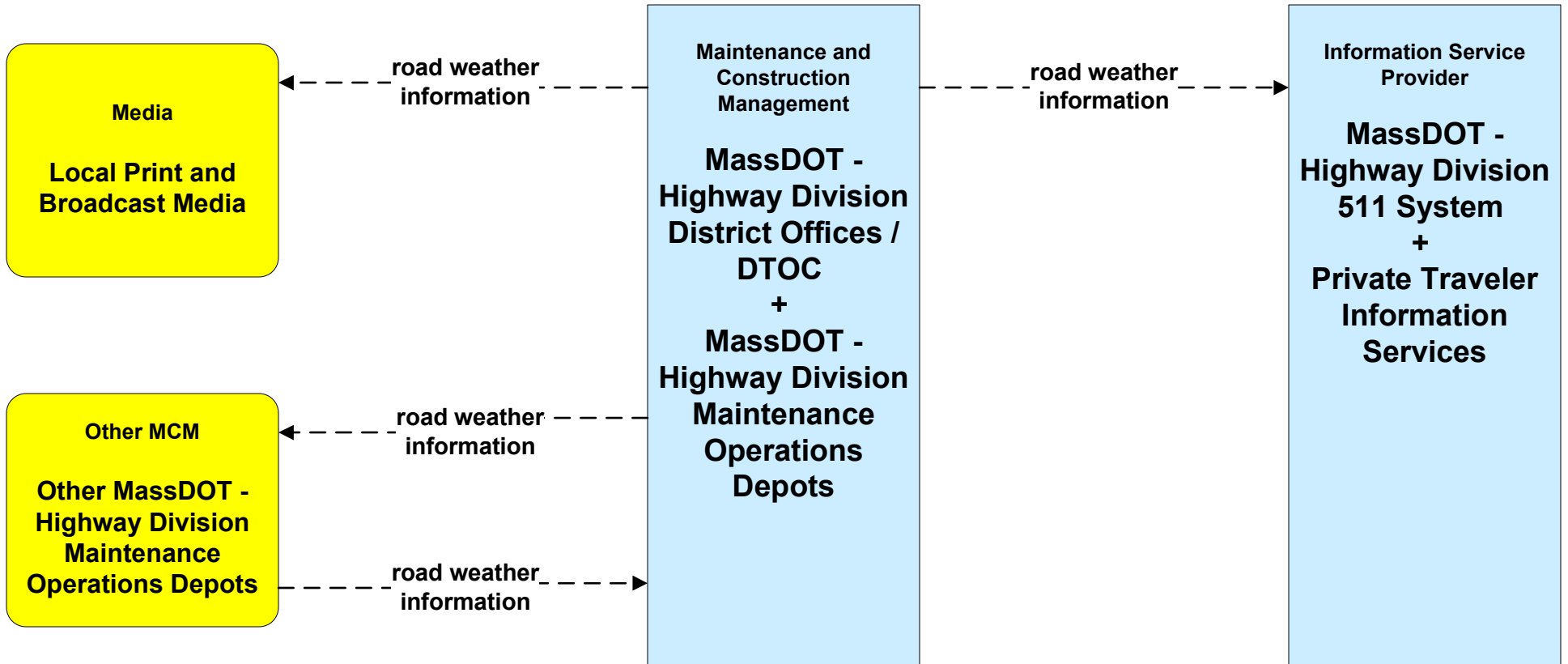
**MC04 - Weather Information Processing and Distribution
National Weather Service (2 of 2)**



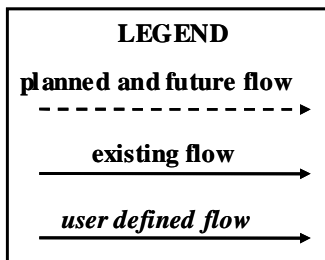
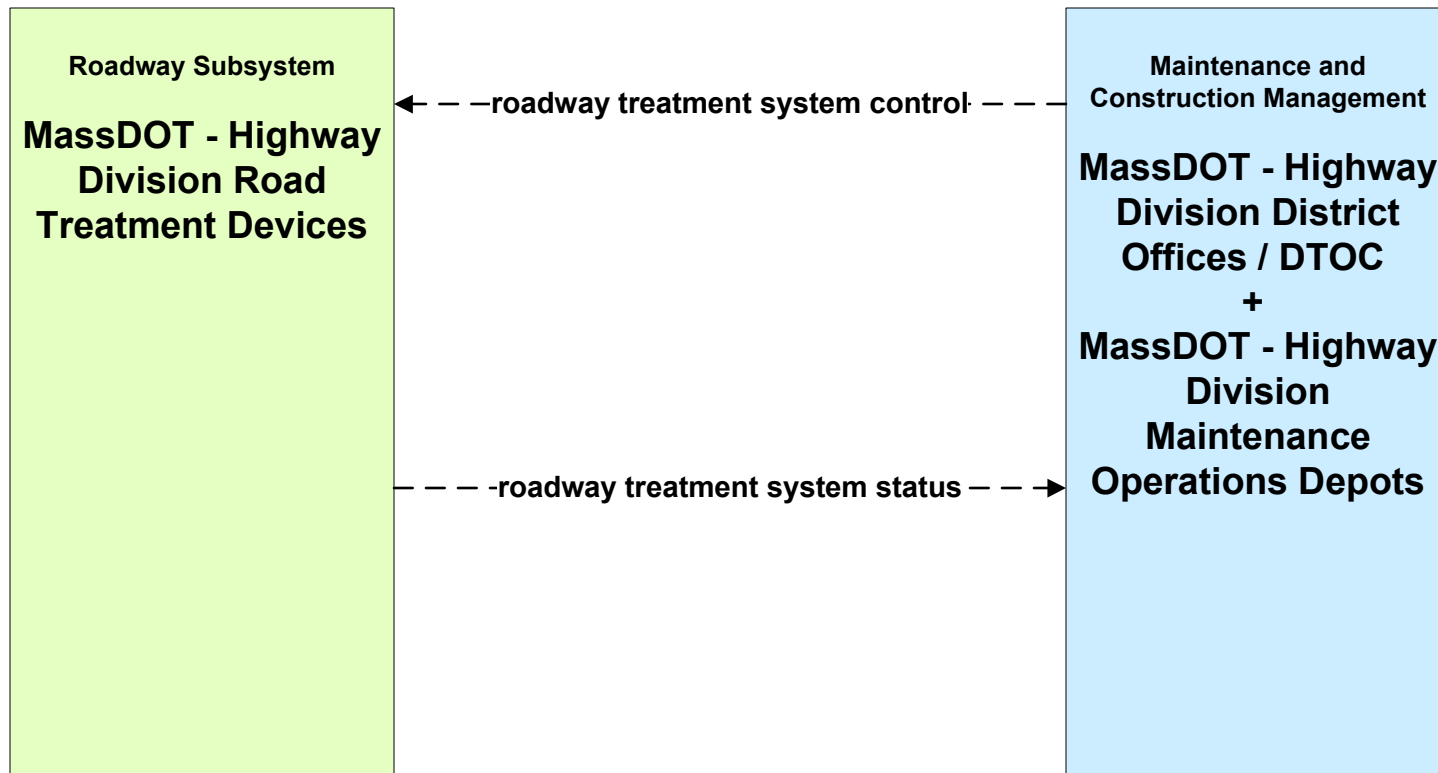
**MC04 - Weather Information Processing and Distribution
MassDOT - Highway Division (1 of 2)**



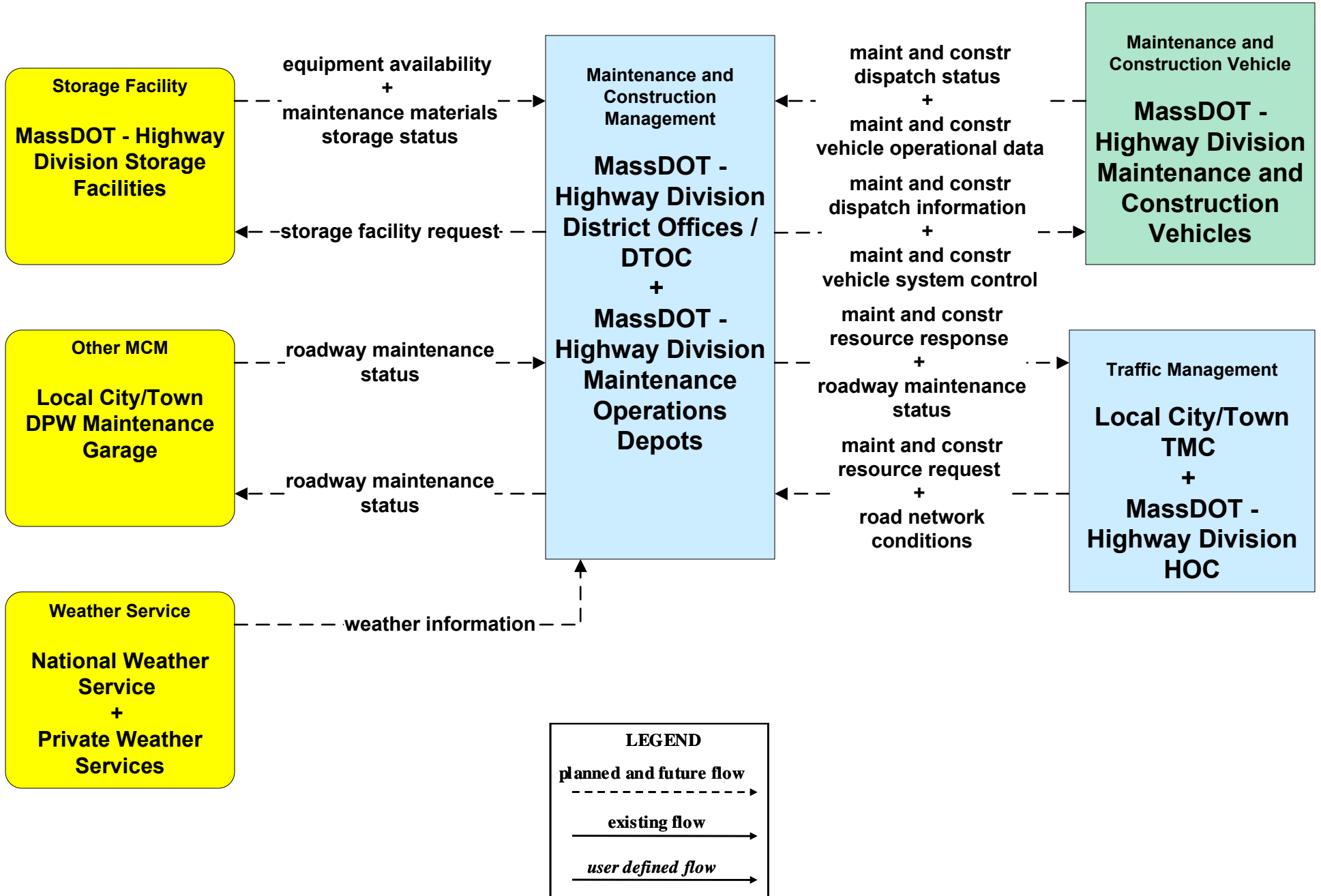
**MC04 - Weather Information Processing and Distribution
MassDOT - Highway Division (2 of 2)**



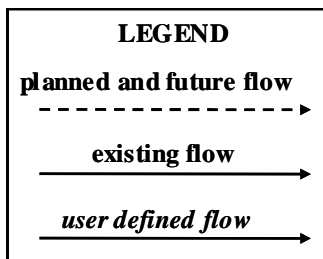
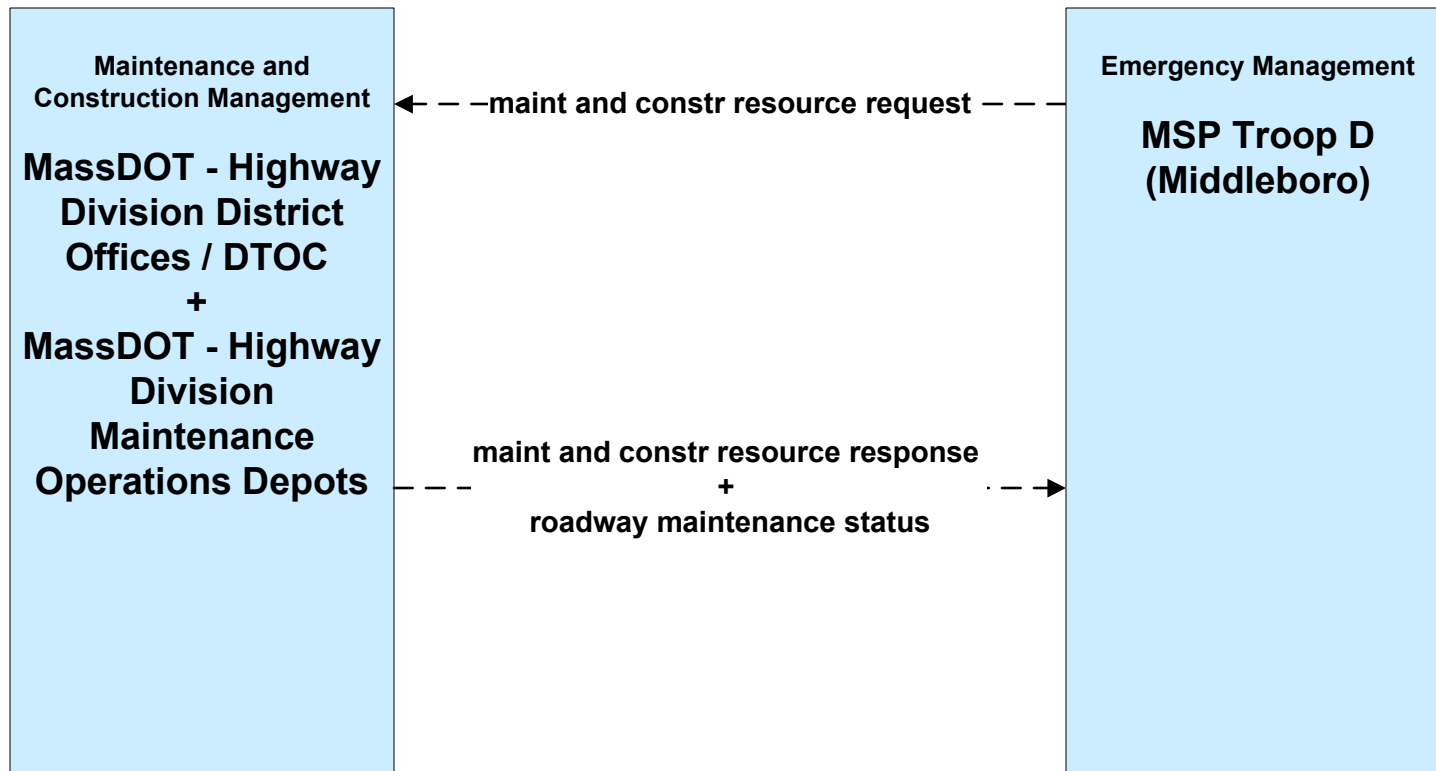
**MC05 - Roadway Automated Treatment
MassDOT – Highway Division**



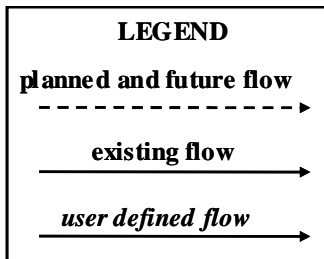
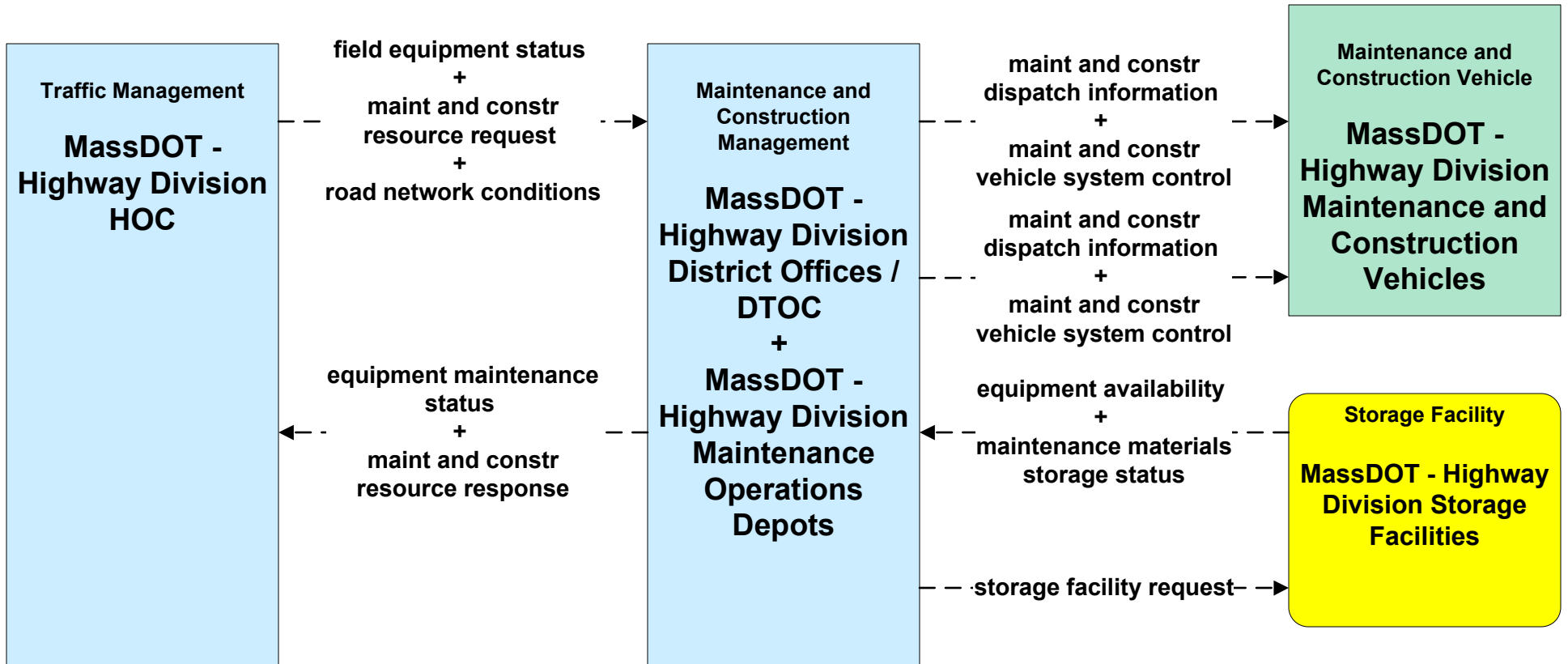
**MC06 - Winter Maintenance
MassDOT - Highway Division (1 of 2)**



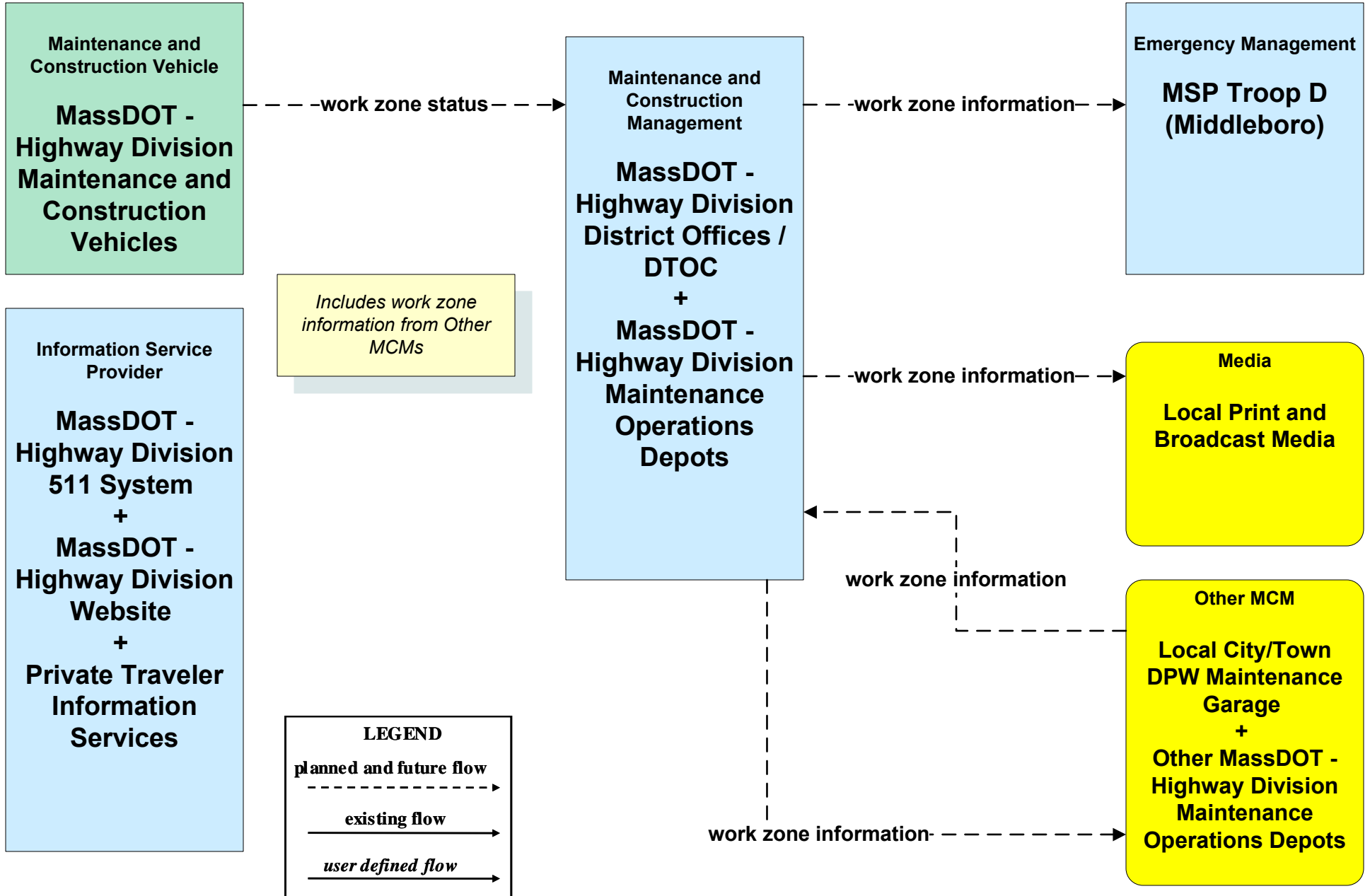
**MC06 - Winter Maintenance
MassDOT - Highway Division (2 of 2)**



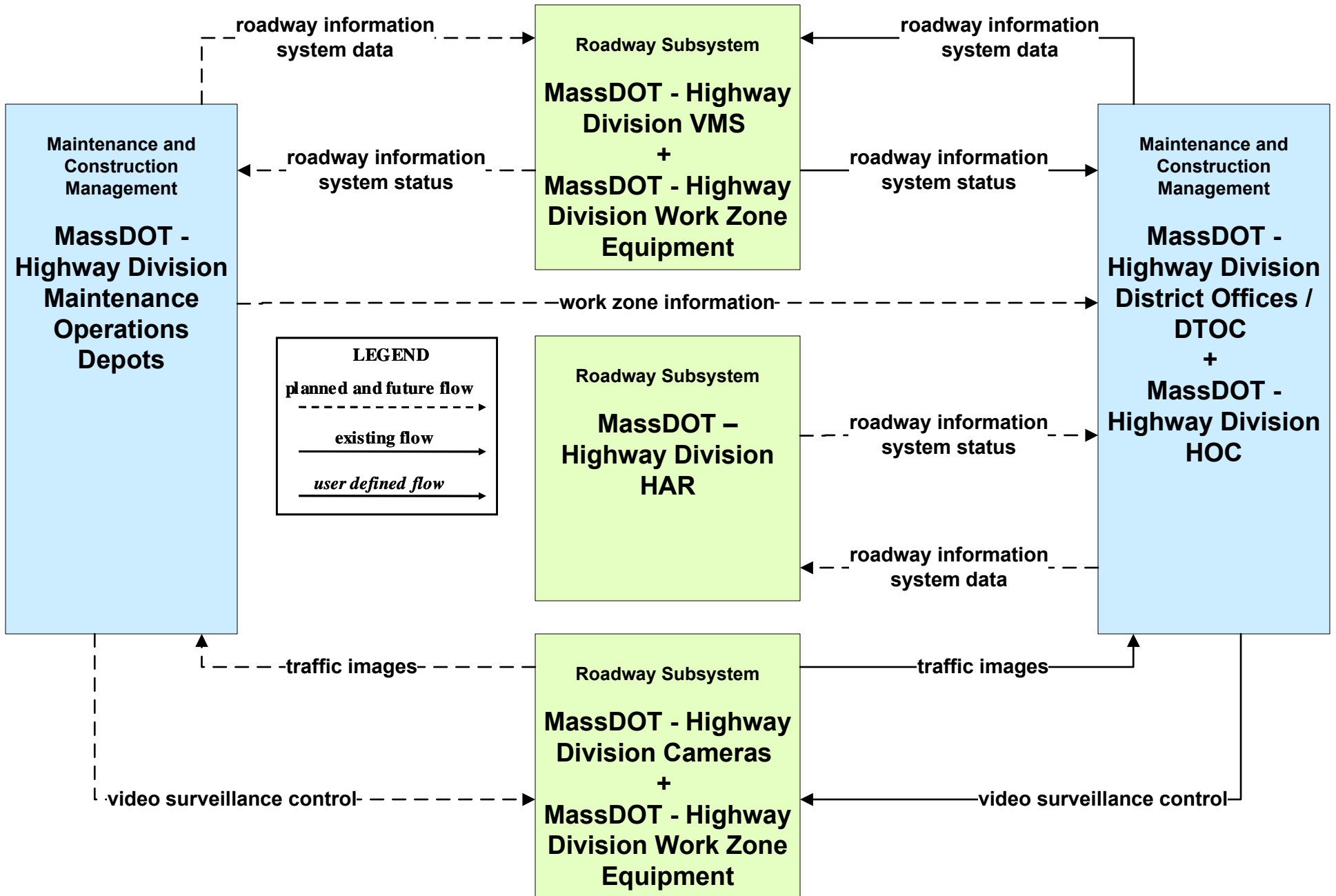
**MC07 - Roadway Maintenance and Construction
MassDOT – Highway Division**



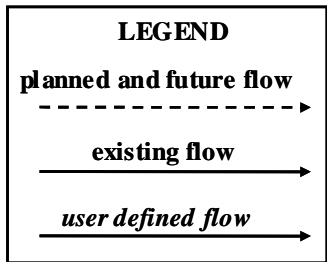
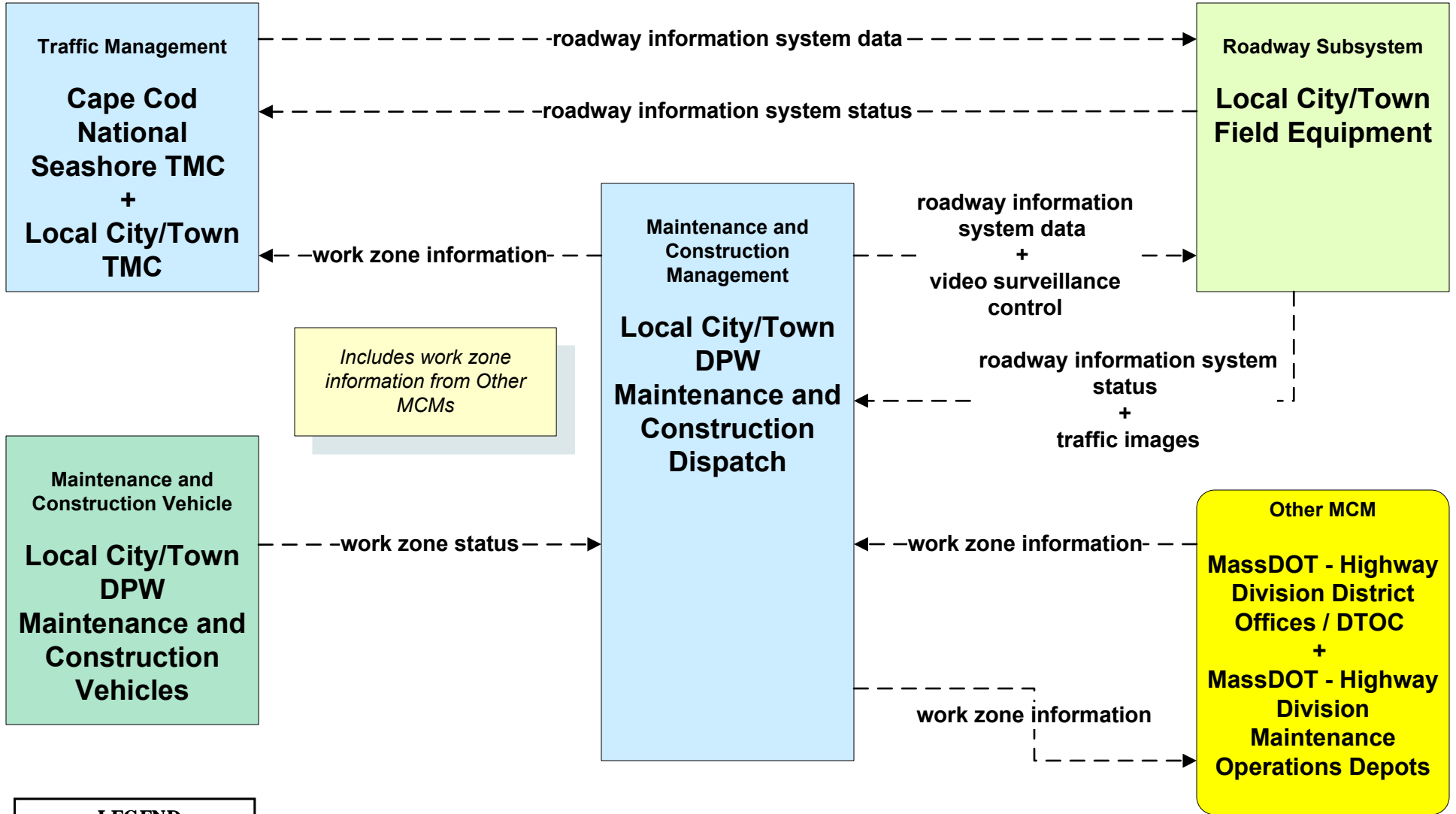
**MC08 - Workzone Management
MassDOT - Highway Division (1 of 2)**



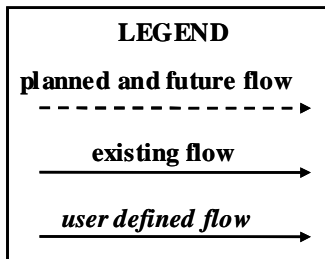
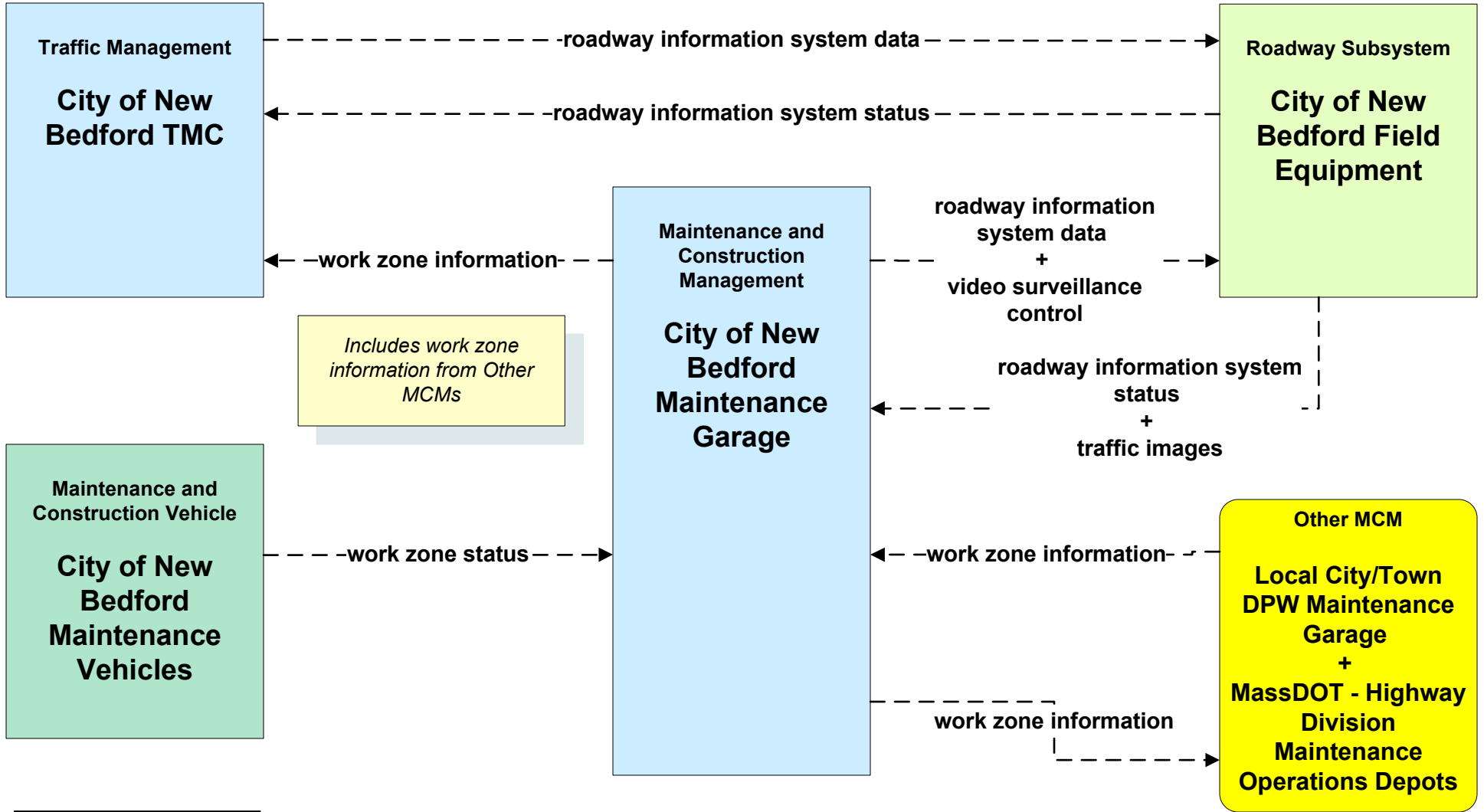
**MC08 - Workzone Management
MassDOT - Highway Division (2 of 2)**



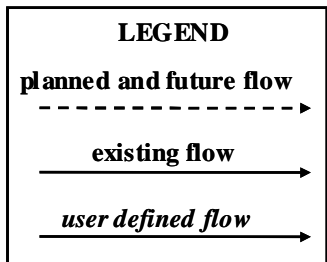
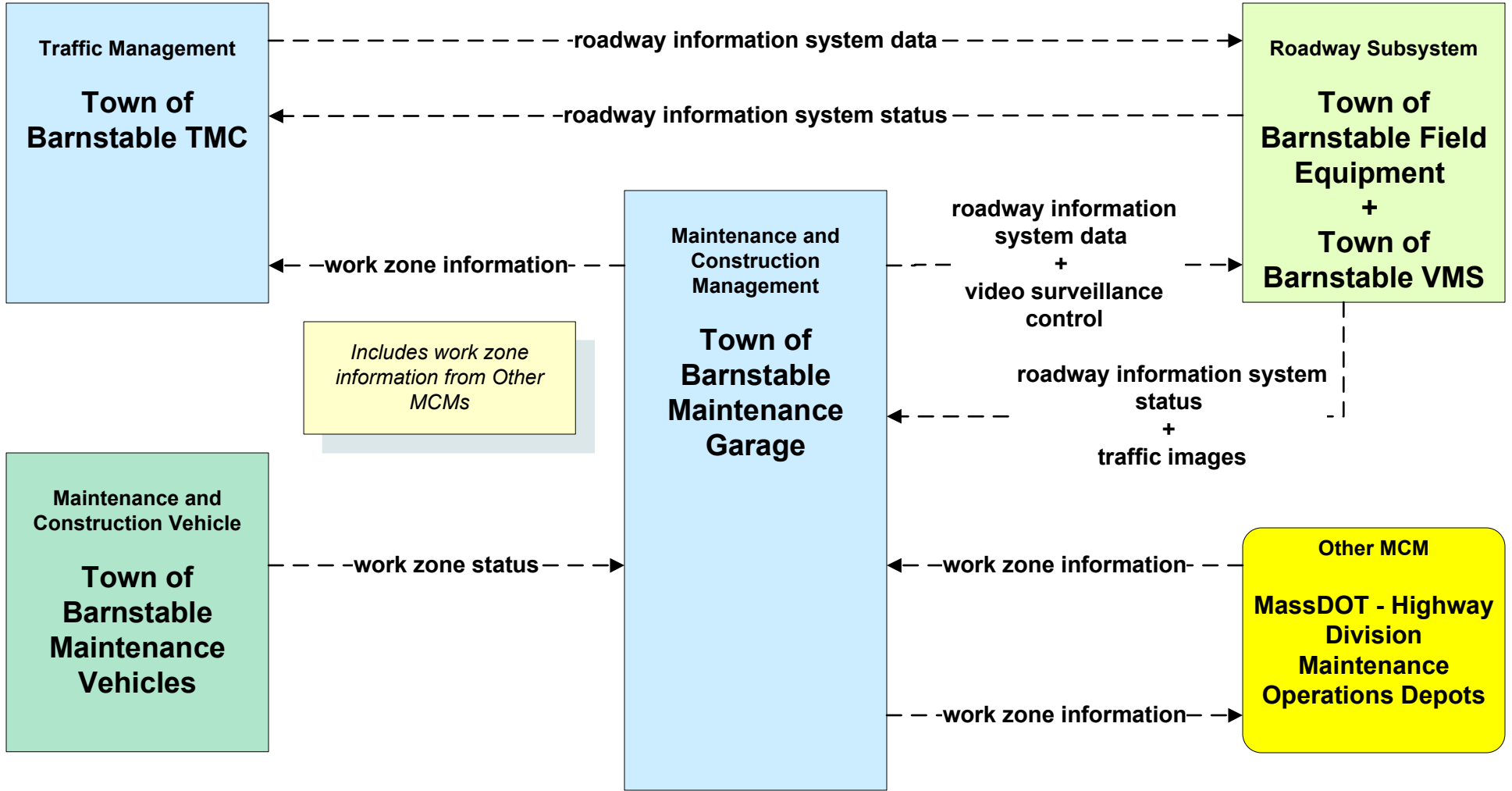
**MC08 - Workzone Management
Local City/Town (1 of 2)**



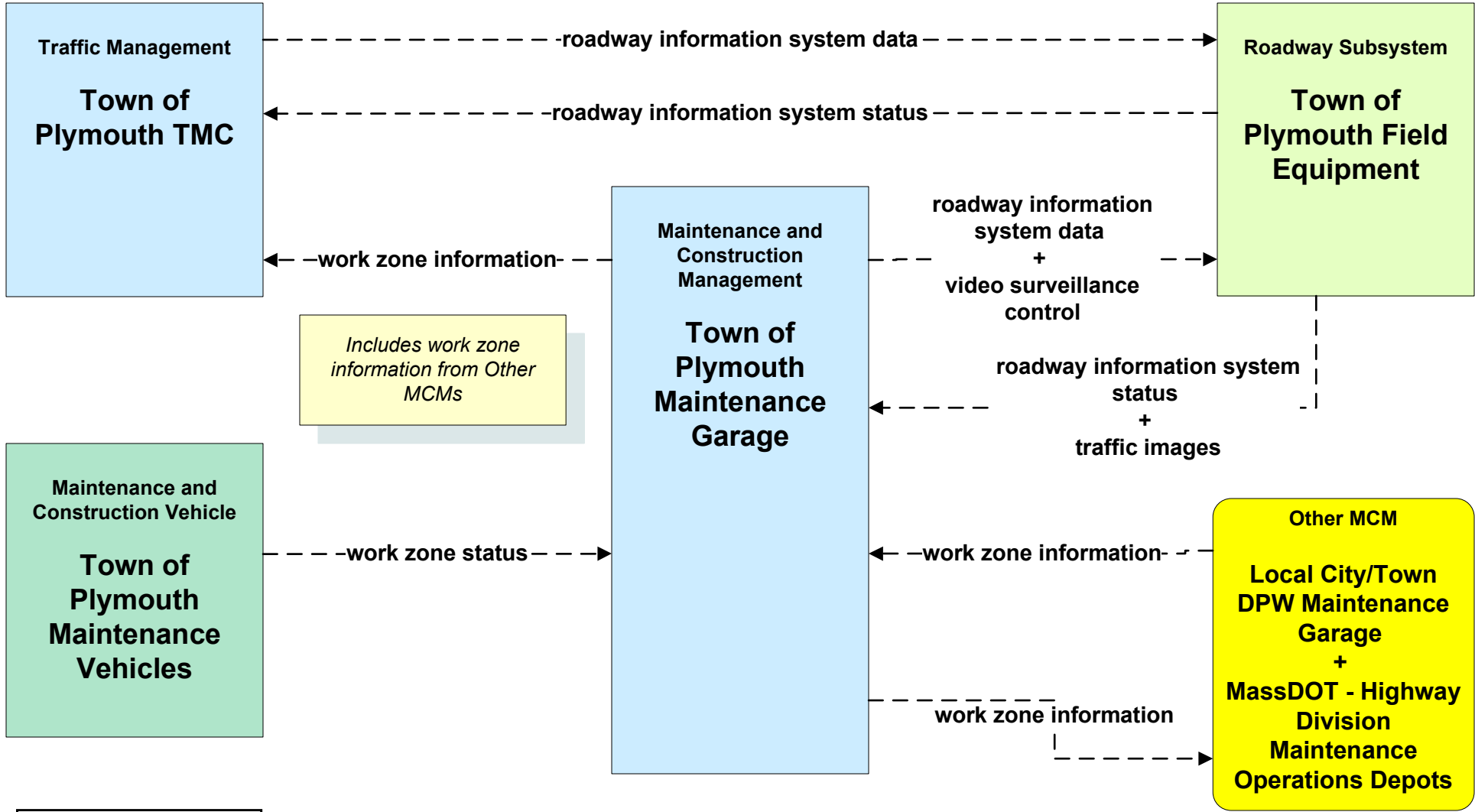
**MC08 - Workzone Management
City of New Bedford (1 of 2)**



**MC08 - Workzone Management
Town of Barnstable (1 of 2)**



**MC08 - Workzone Management
Town of Plymouth (1 of 2)**



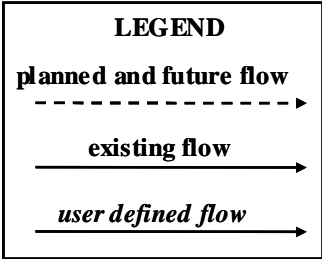
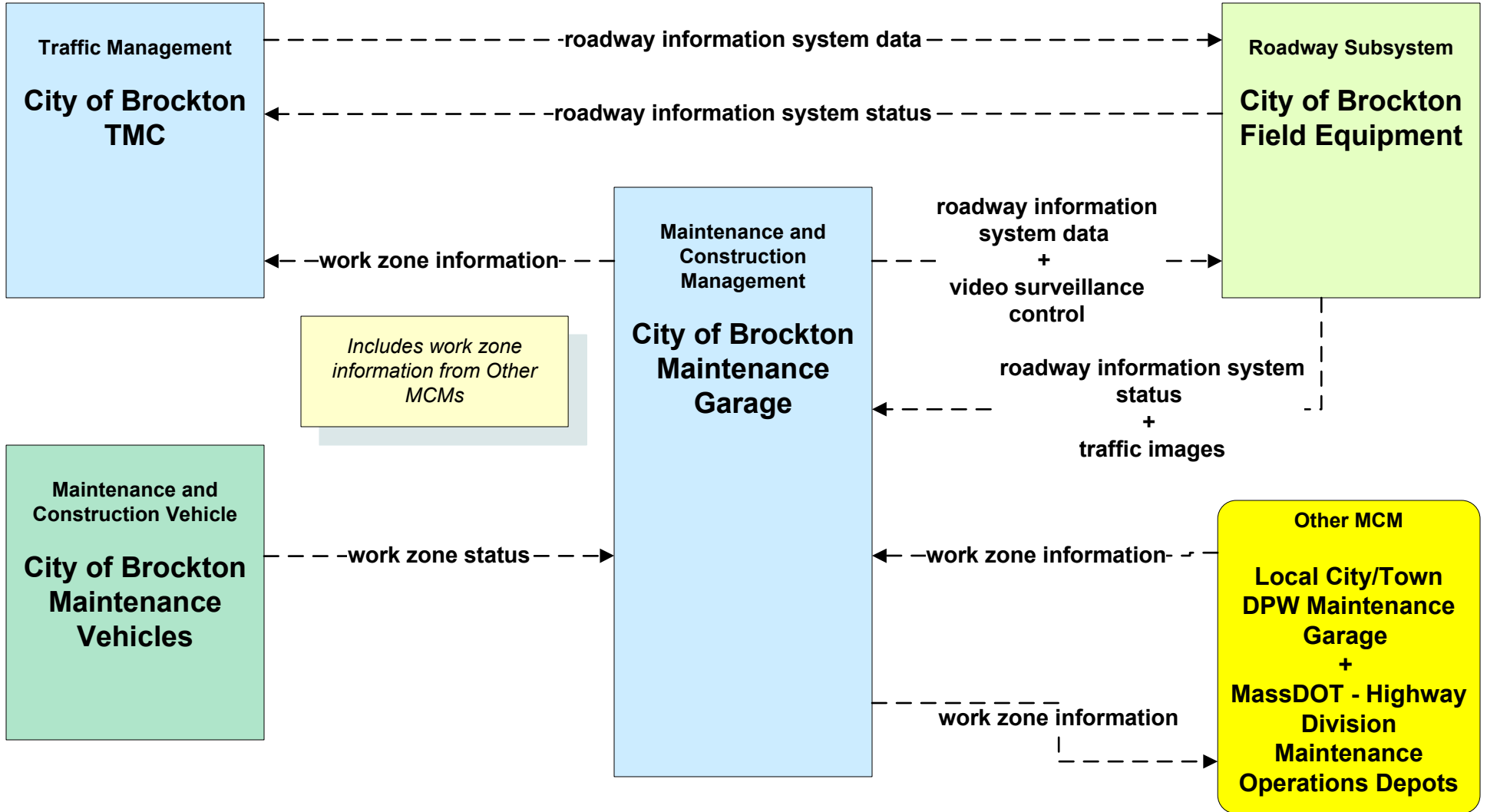
LEGEND

planned and future flow
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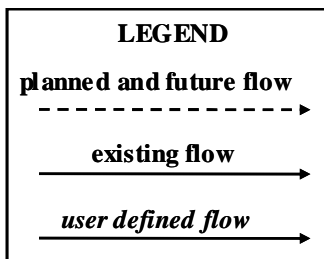
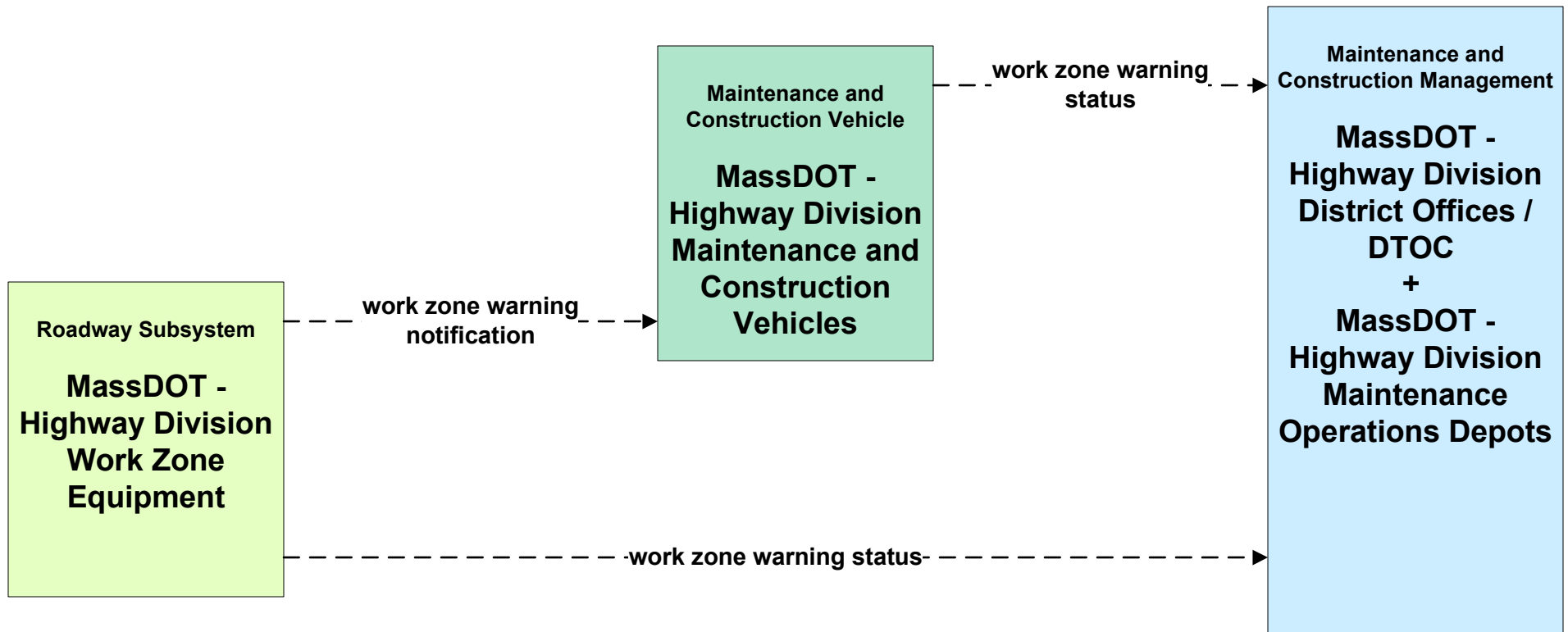
existing flow
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user defined flow
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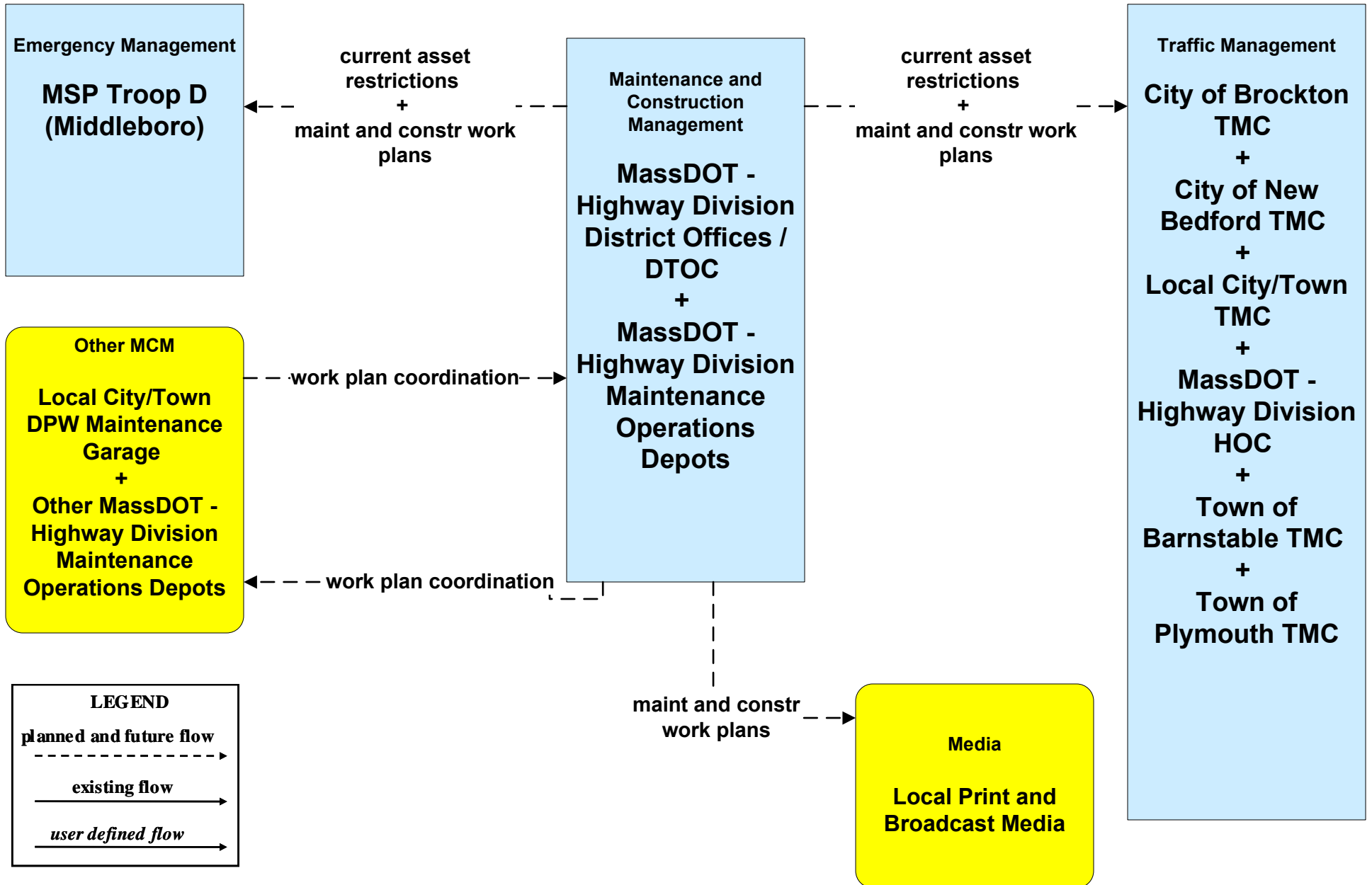
**MC08 - Workzone Management
City of Brockton (1 of 2)**



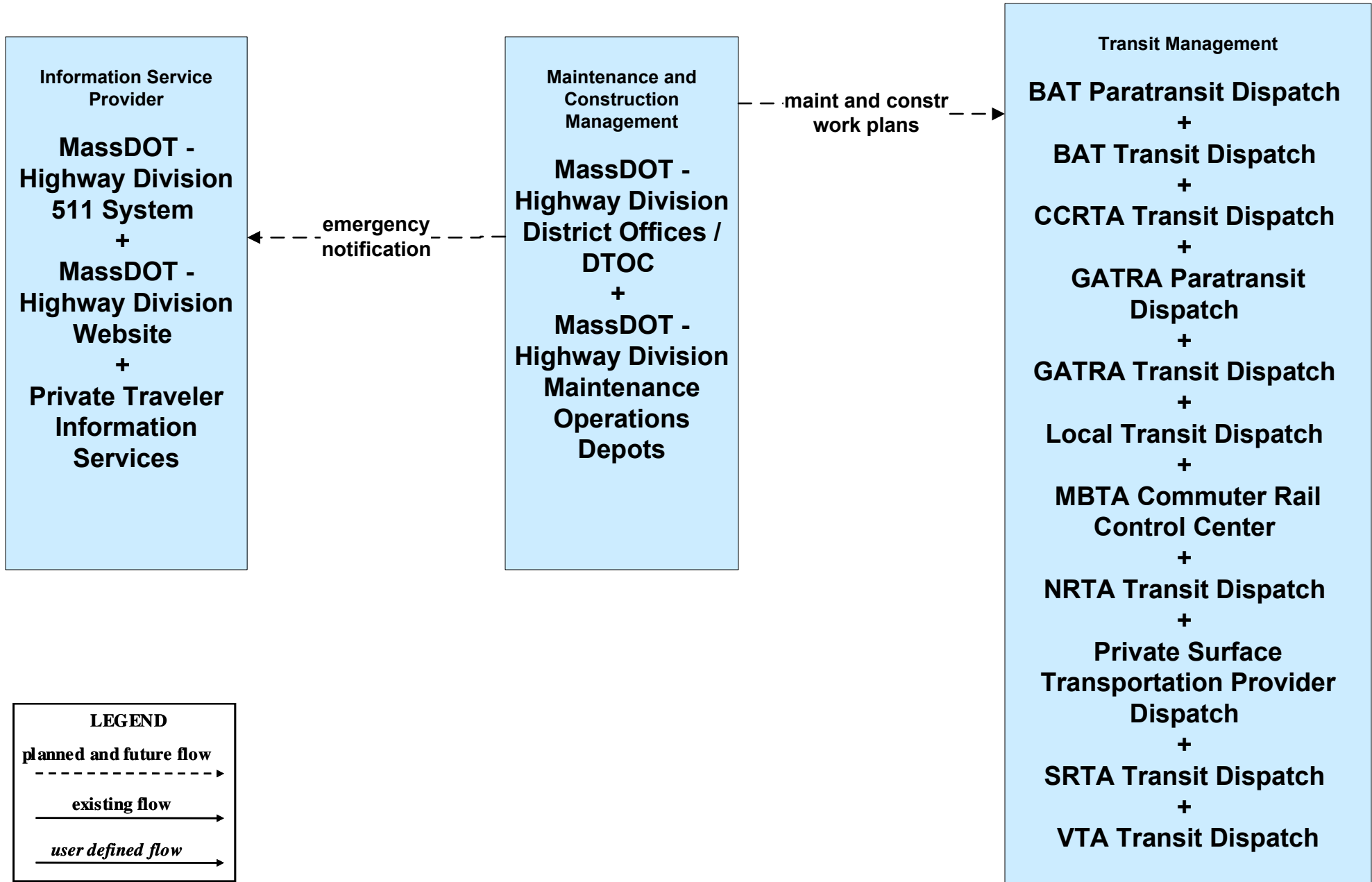
**MC09 - Workzone Safety Monitoring
MassDOT – Highway Division**



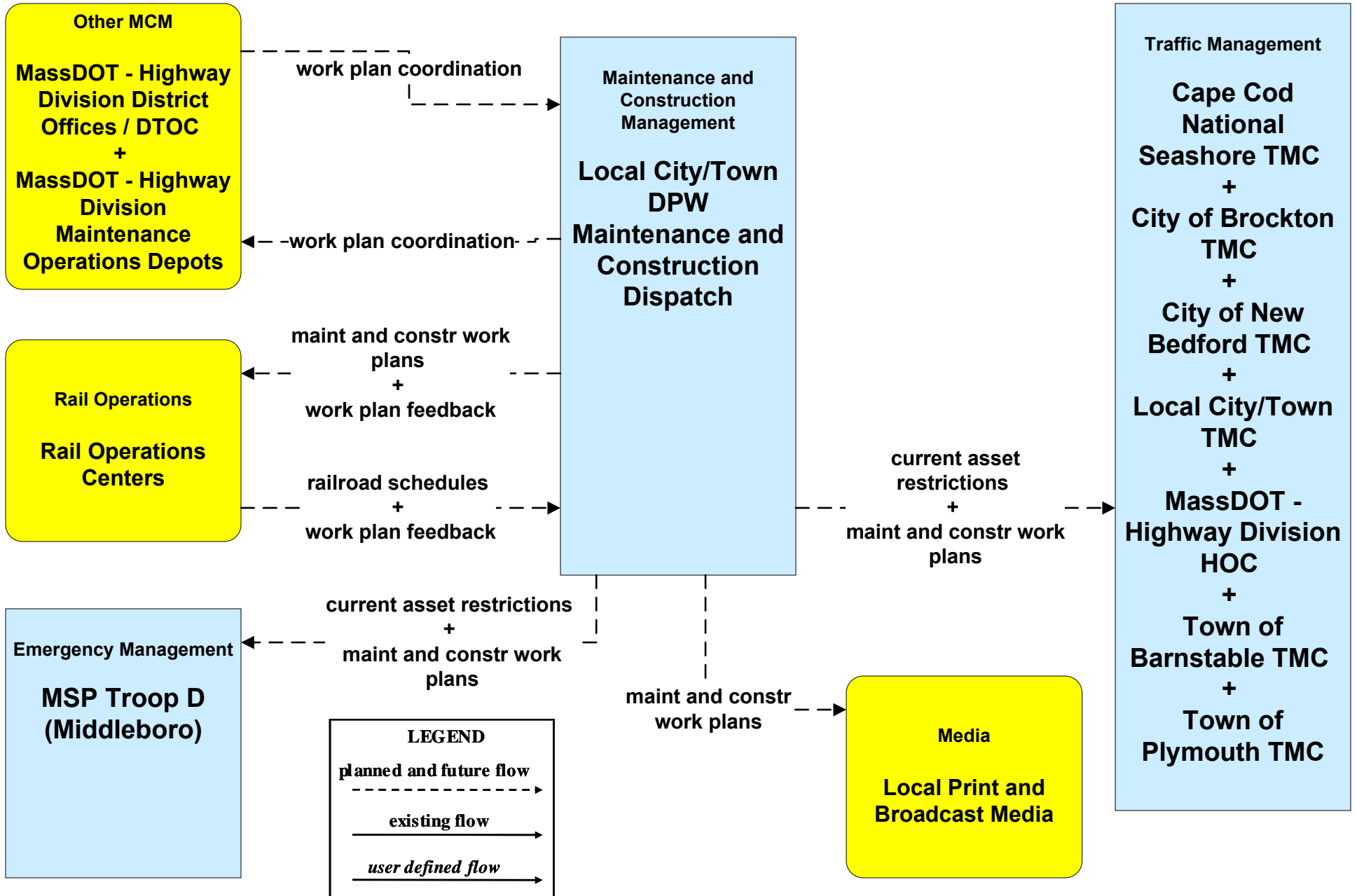
**MC10 - Maintenance and Construction Activity Coordination
MassDOT - Highway Division (1 of 2)**



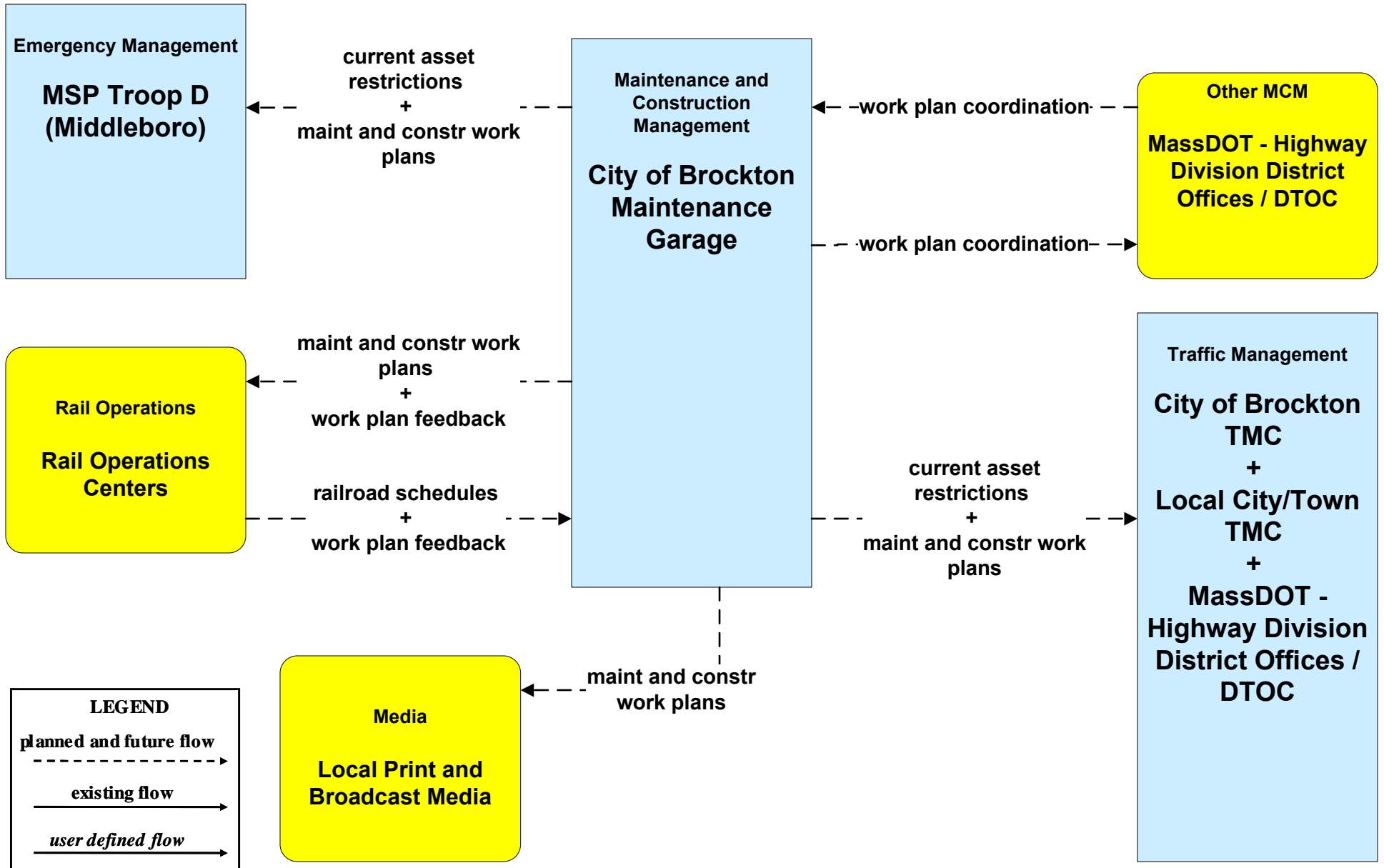
**MC10 - Maintenance and Construction Activity Coordination
MassDOT - Highway Division (2 of 2)**



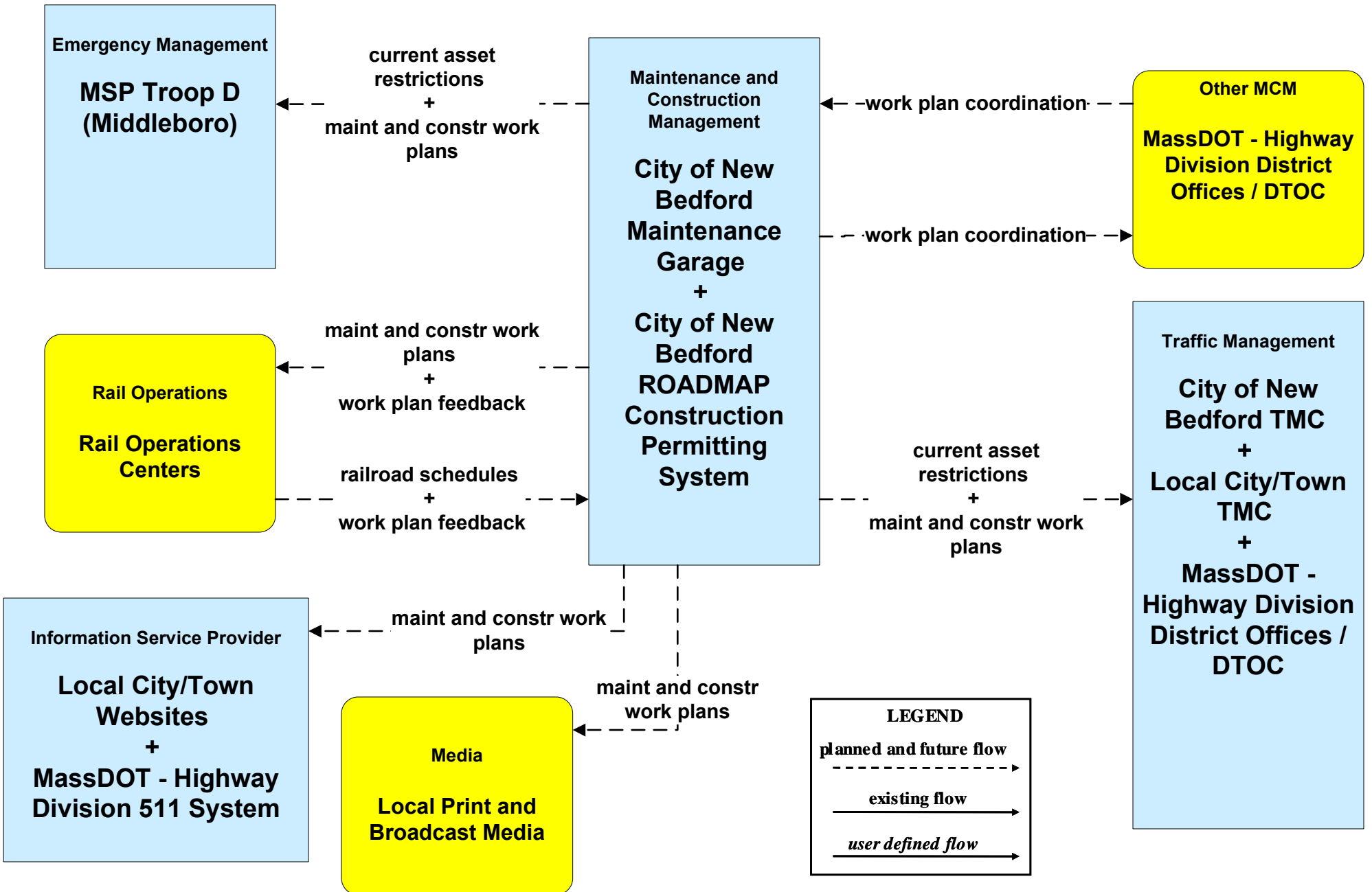
**MC10 - Maintenance and Construction Activity Coordination
Local City/Town**



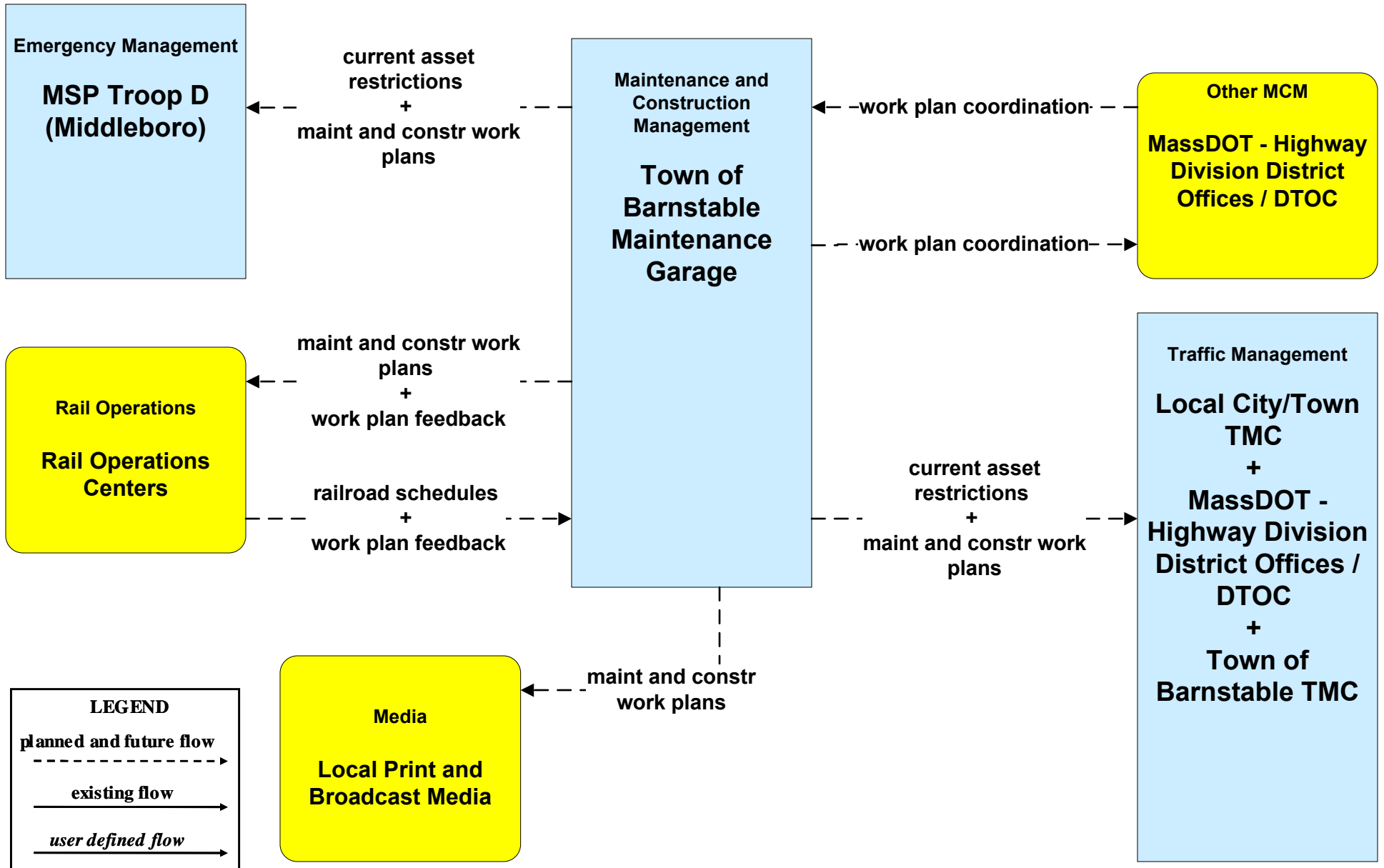
**MC10 - Maintenance and Construction Activity Coordination
City of Brockton**



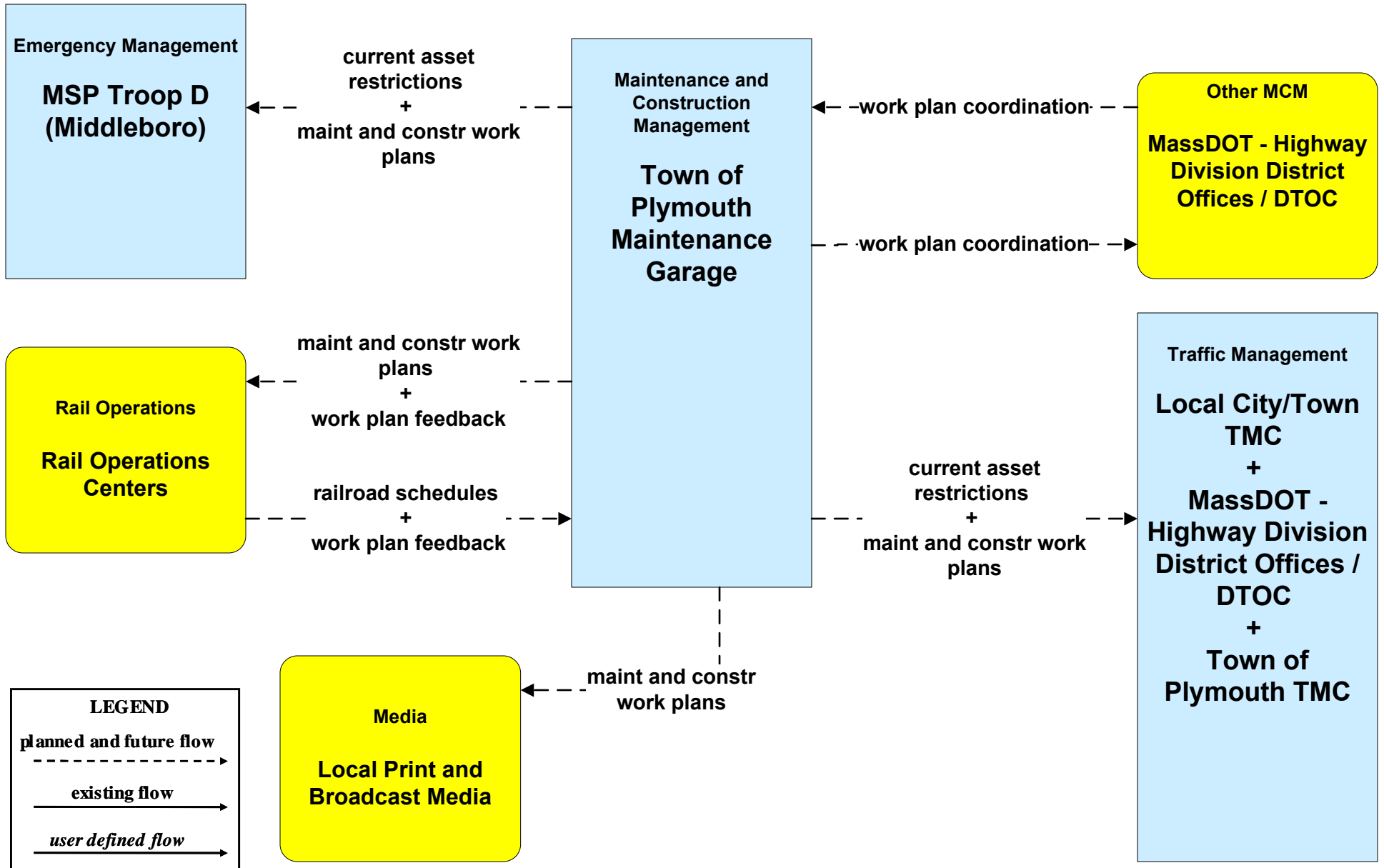
**MC10 - Maintenance and Construction Activity Coordination
City of New Bedford**



**MC10 - Maintenance and Construction Activity Coordination
Town of Barnstable**



**MC10 - Maintenance and Construction Activity Coordination
Town of Plymouth**



**MC12 – Infrastructure Monitoring
MassDOT - Highway Division**

