

# **Southeastern Massachusetts Regional ITS Architecture**

**Customized Market Package Diagrams**

**Maintenance and Construction (MC)**

**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**

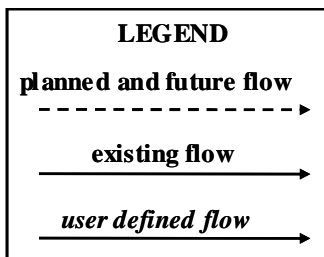
Maintenance and  
Construction Vehicle  
**MassDOT - Highway  
Division  
Maintenance and  
Construction  
Vehicles**

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

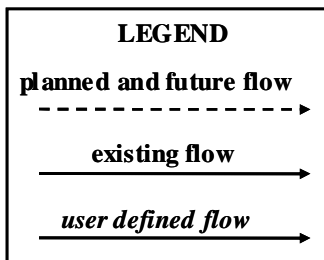
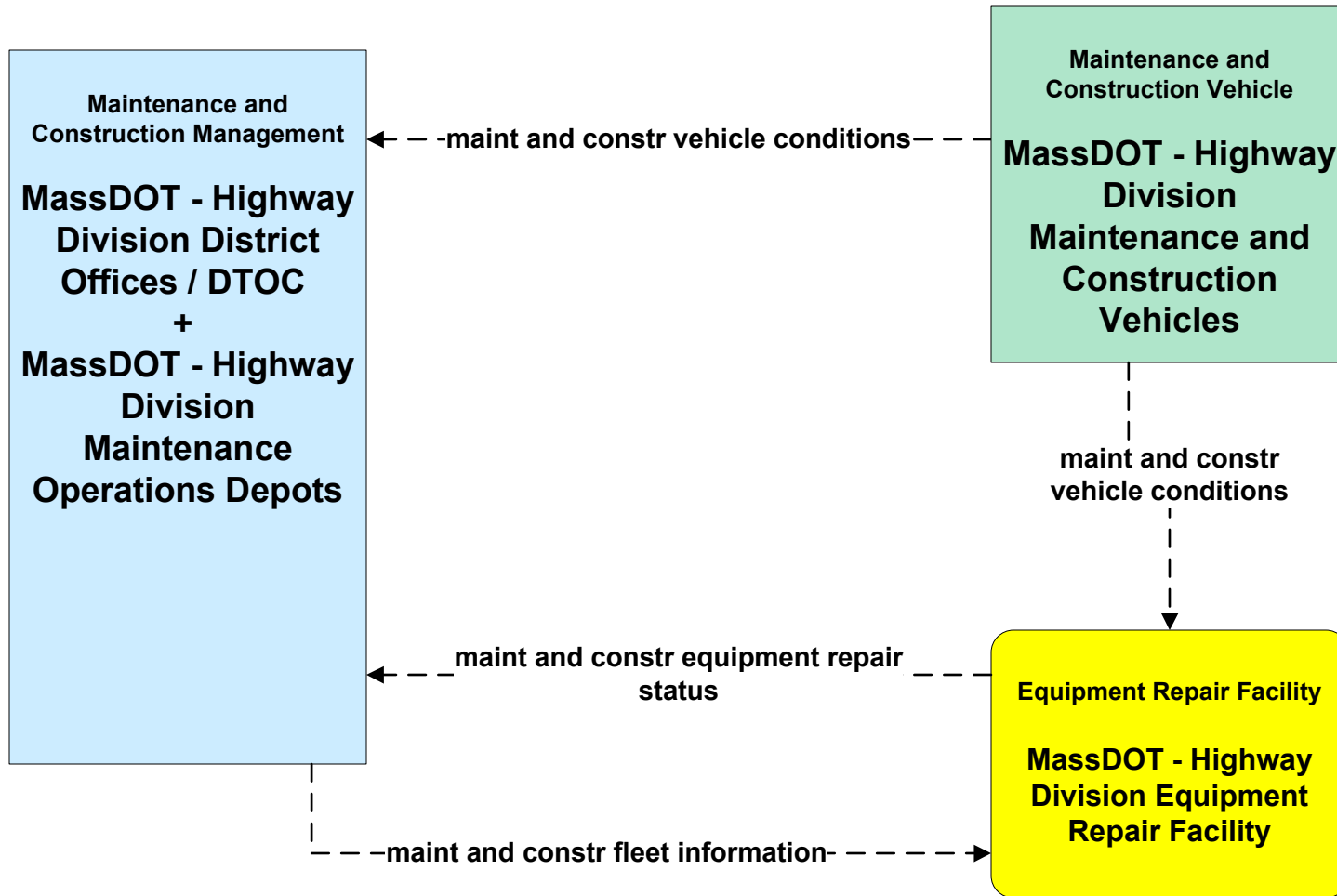
Maintenance and  
Construction Management  
**Local City/Town  
DPW Maintenance  
and Construction  
Dispatch**

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

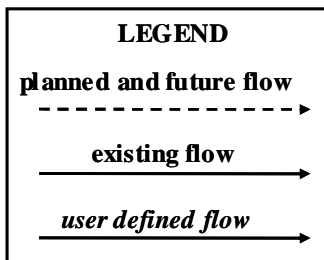
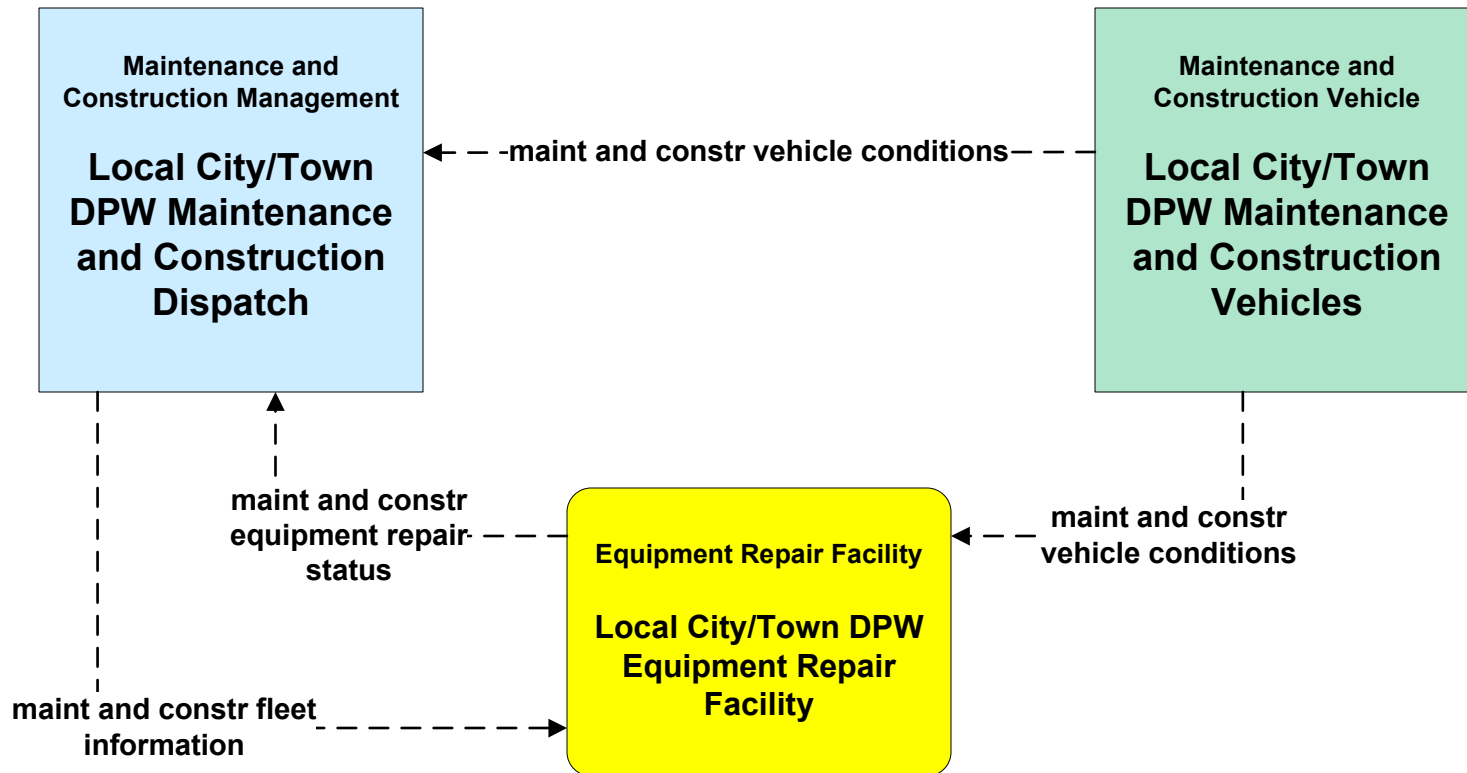
← - - - maint and constr  
vehicle location data - - -



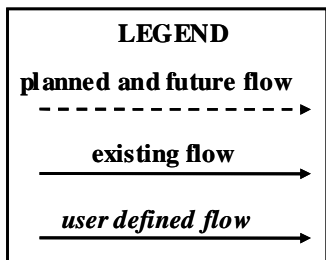
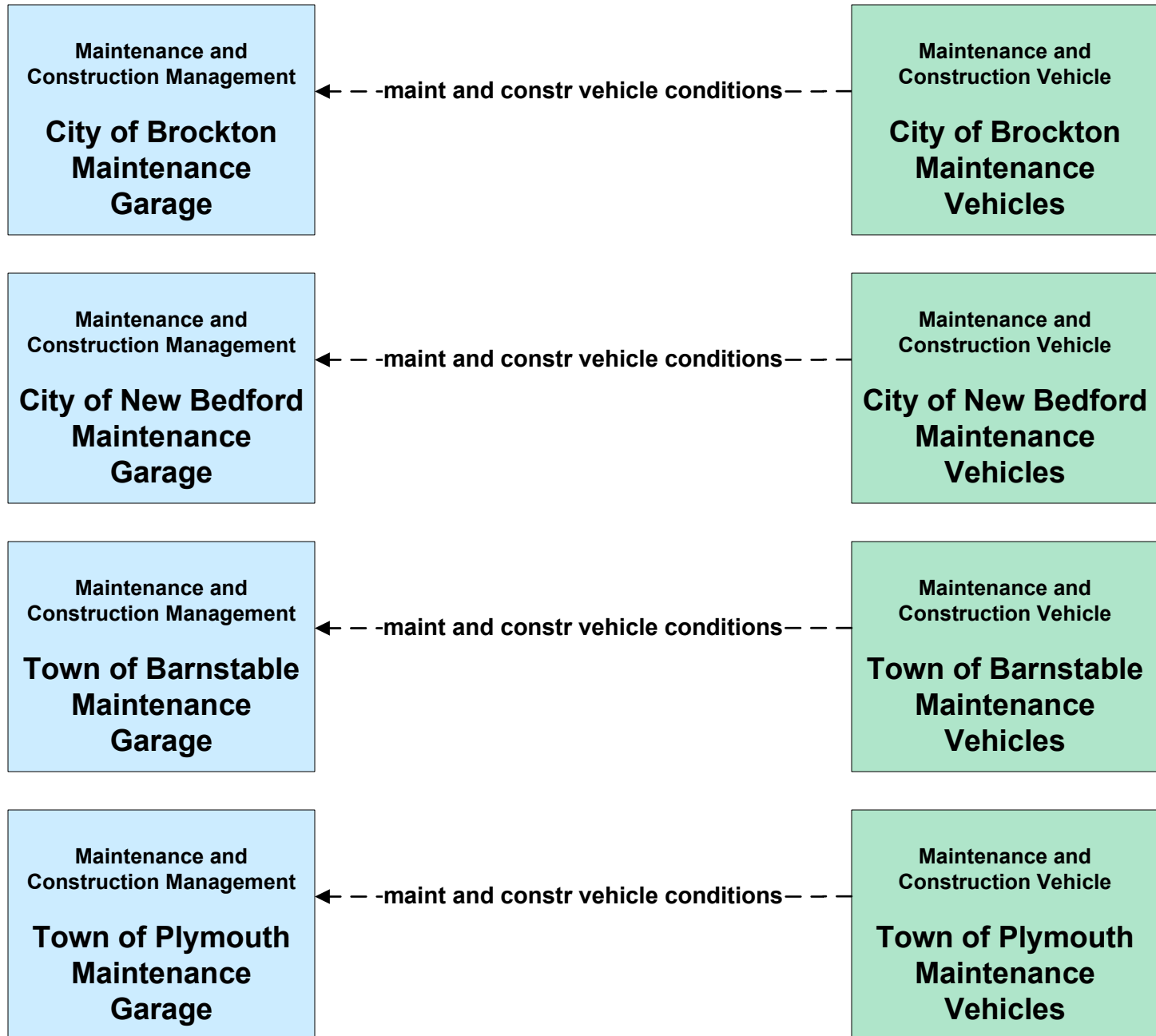
**MC02 - Maintenance and Construction Vehicle Maintenance  
MassDOT – Highway Division**



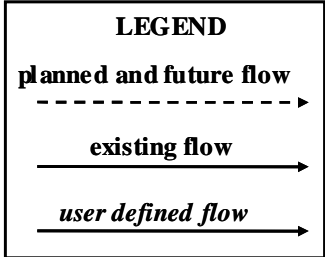
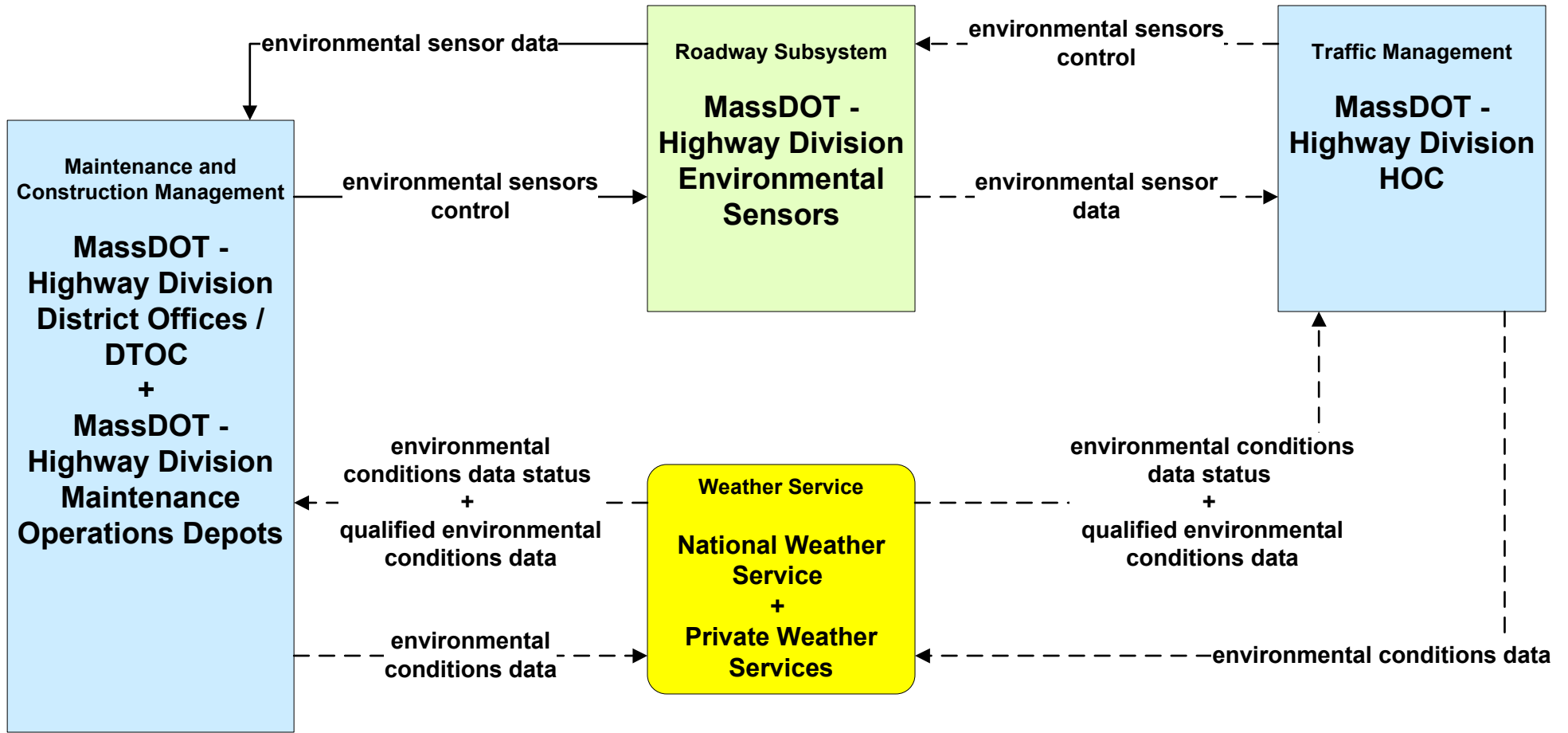
**MC02 - Maintenance and Construction Vehicle Maintenance  
Local City/Town**



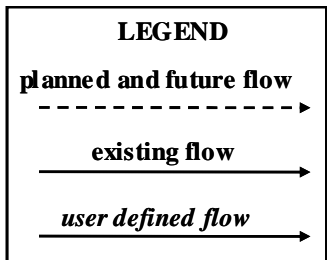
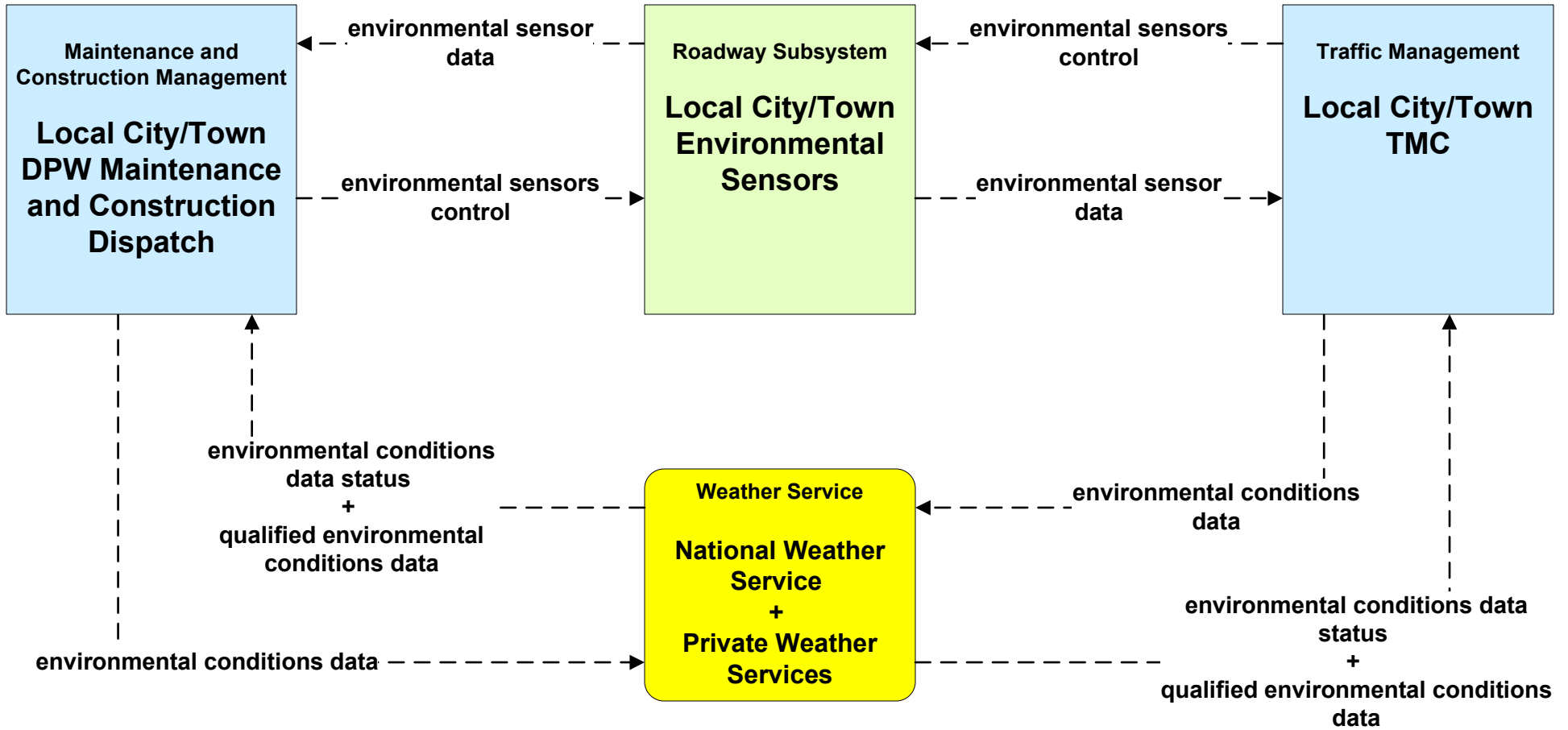
**MC02 - Maintenance and Construction Vehicle Maintenance  
City/Town Maintenance Garages**



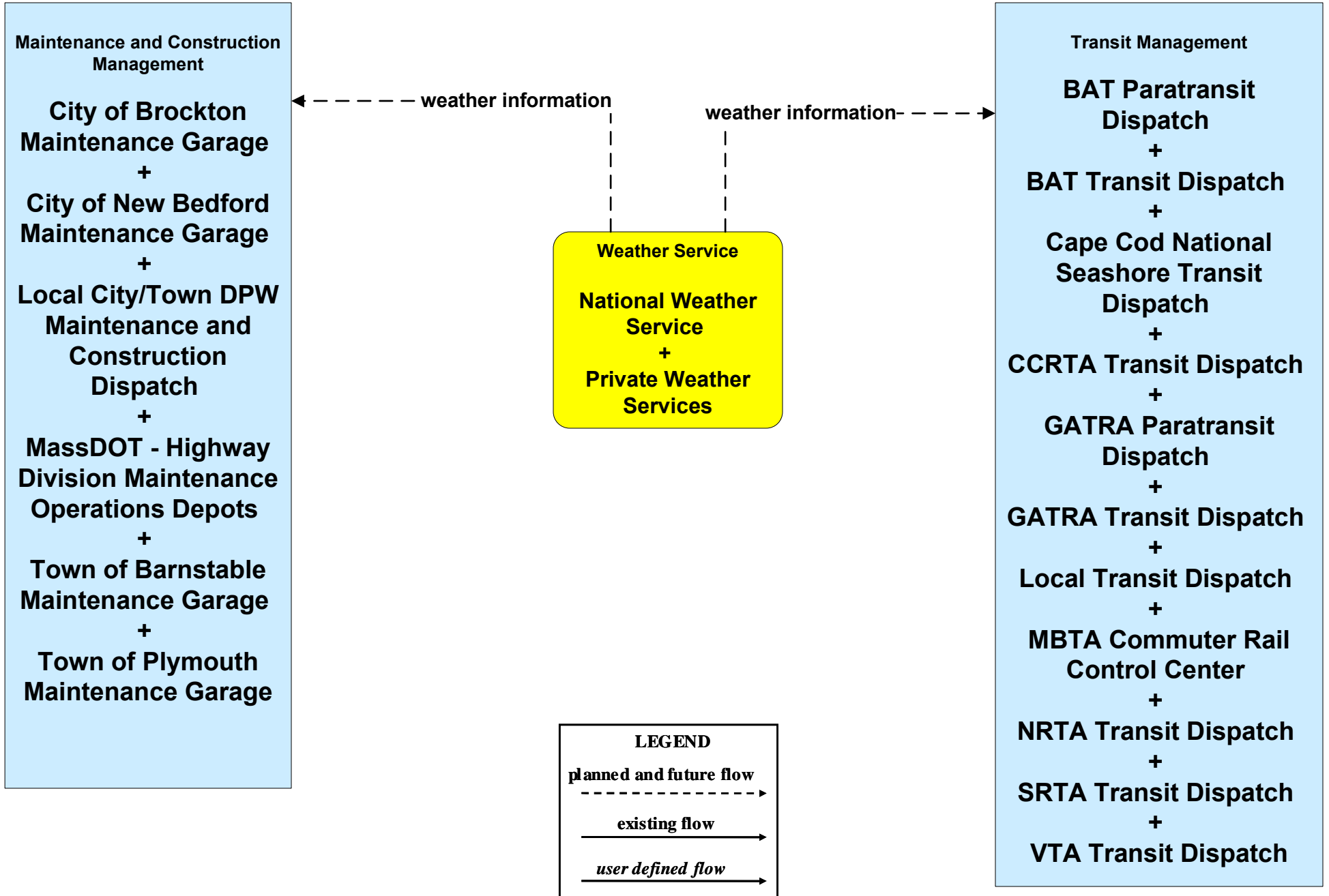
**MC03 - Road Weather Data Collection  
MassDOT – Highway Division**



# MC03 - Road Weather Data Collection Local City/Town

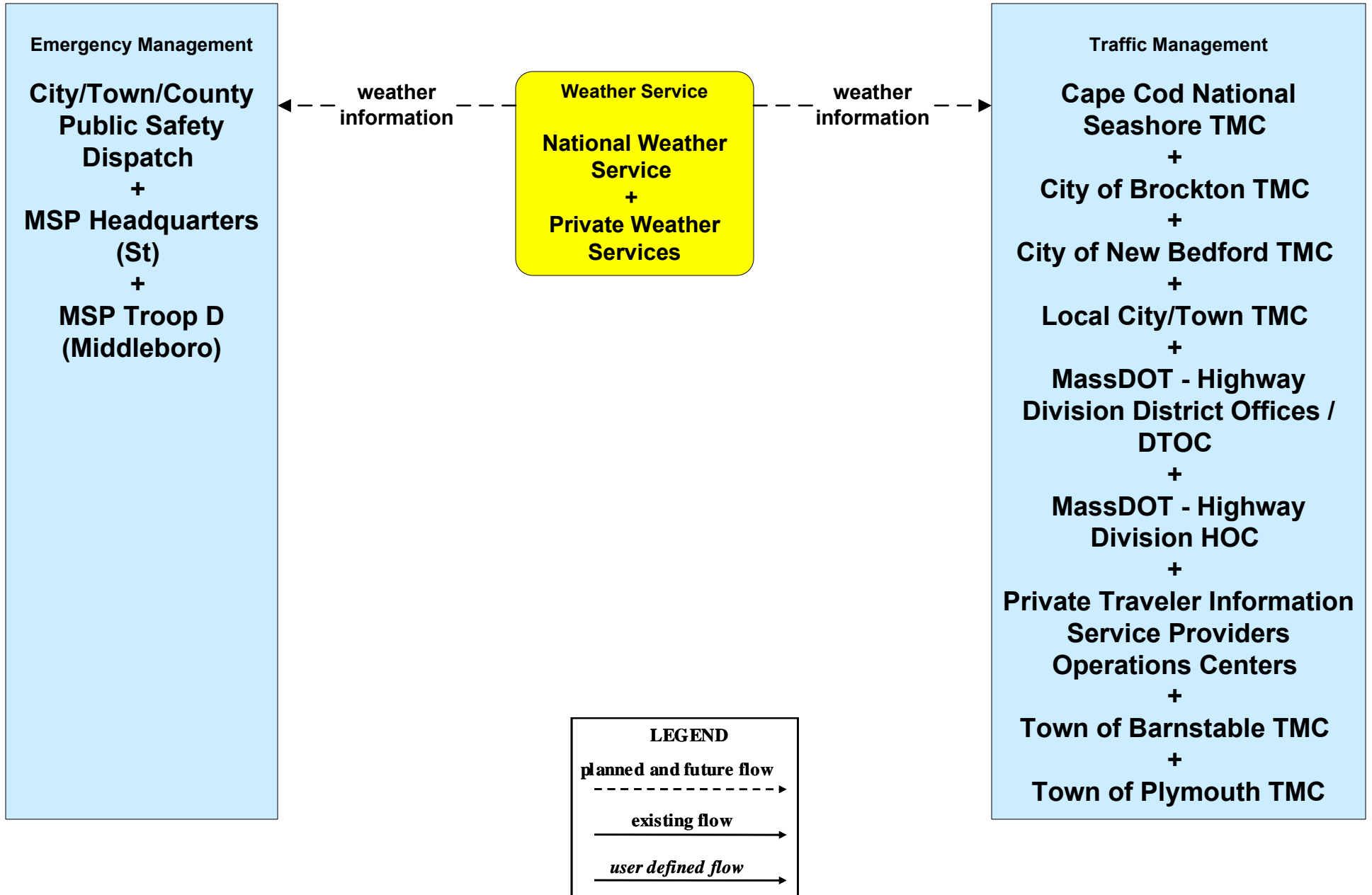


**MC04 - Weather Information Processing and Distribution  
National Weather Service (1 of 2)**

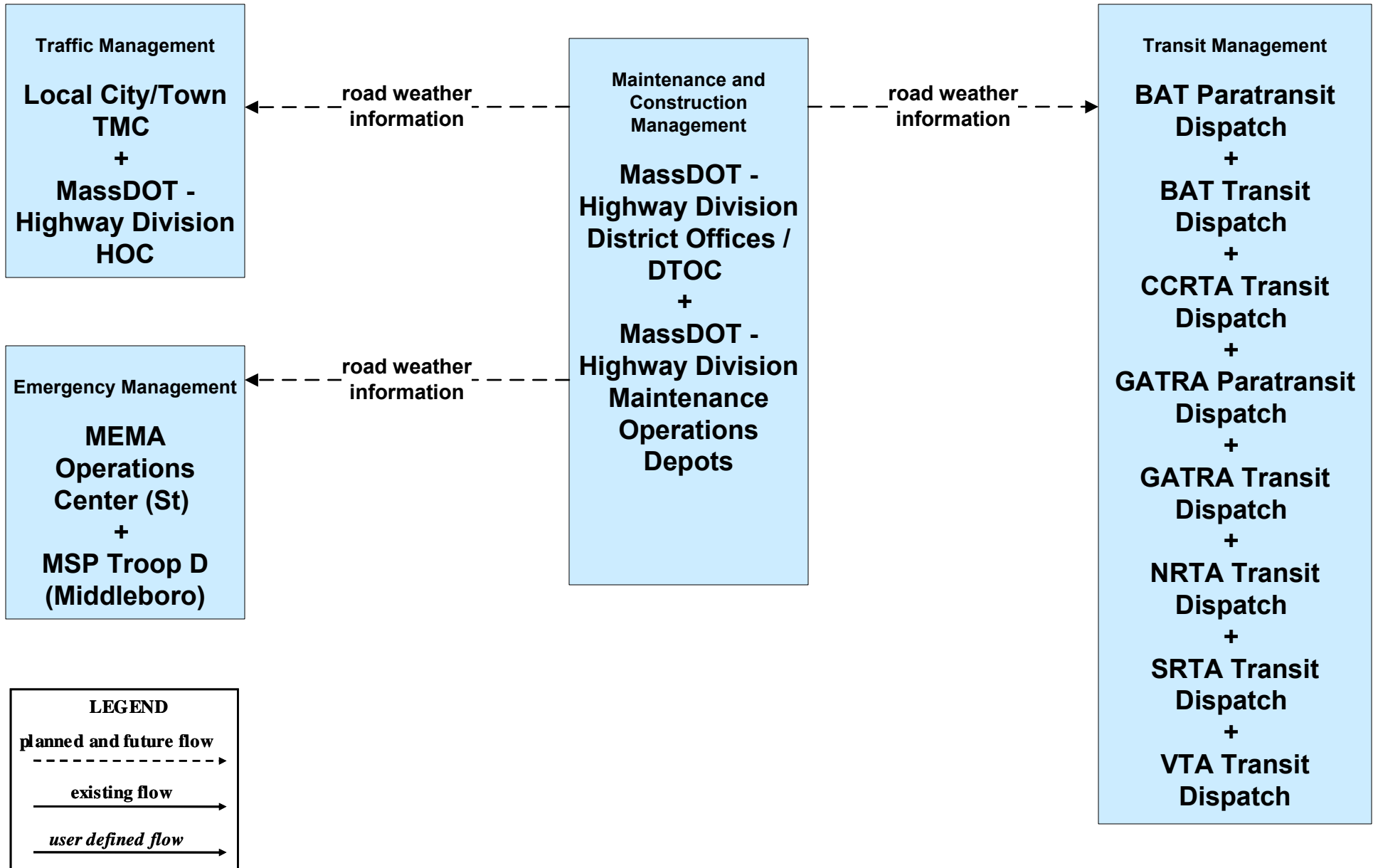




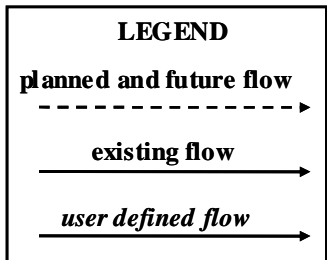
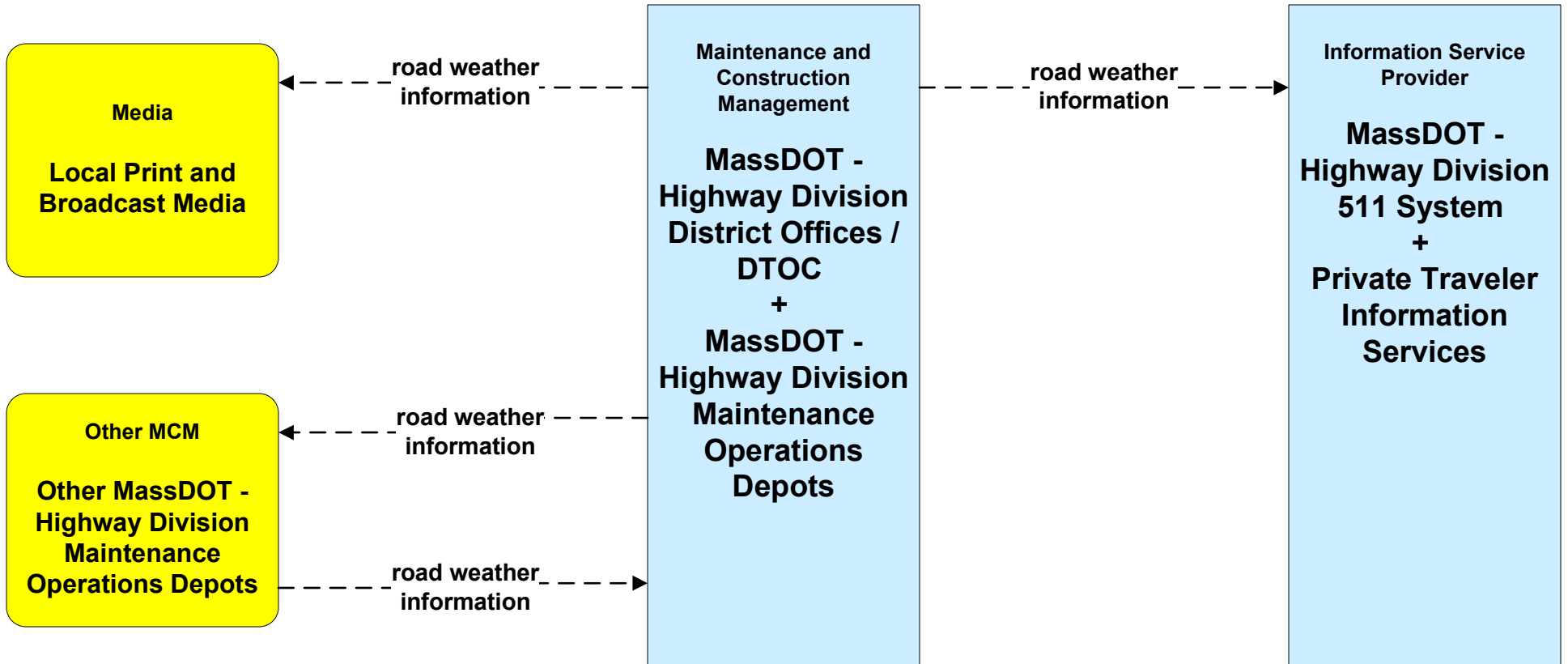
**MC04 - Weather Information Processing and Distribution  
National Weather Service (2 of 2)**



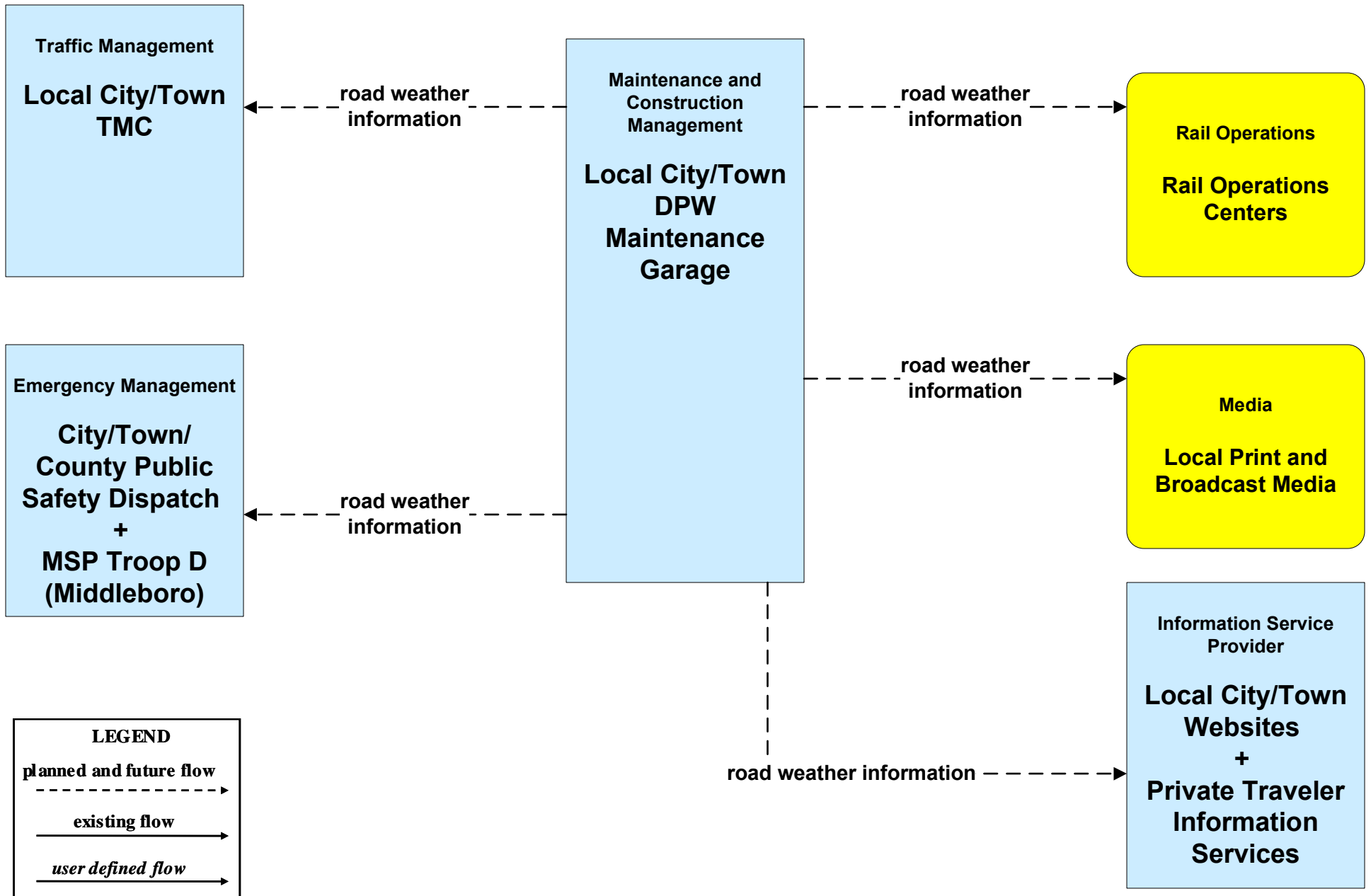
**MC04 - Weather Information Processing and Distribution  
MassDOT - Highway Division (1 of 2)**



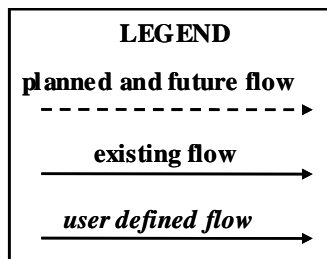
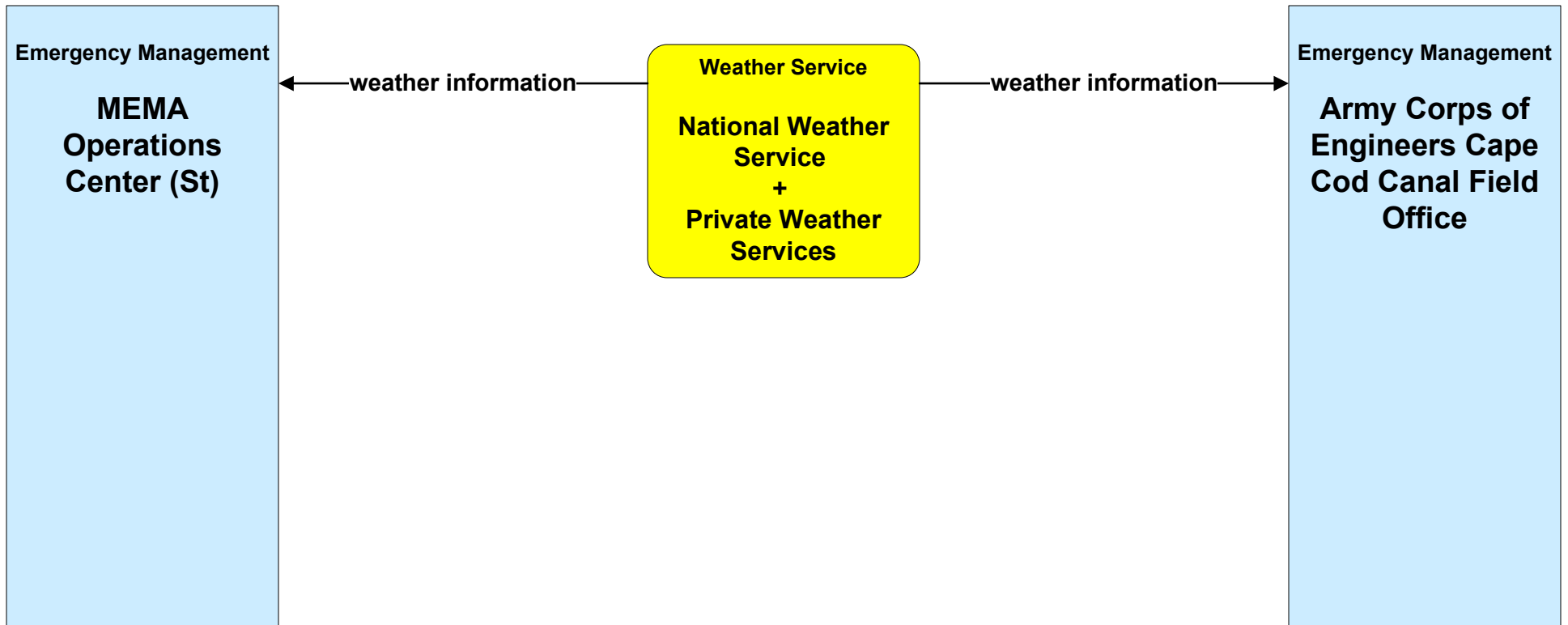
**MC04 - Weather Information Processing and Distribution  
MassDOT - Highway Division (2 of 2)**



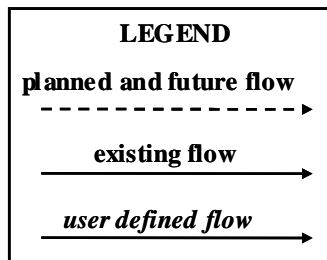
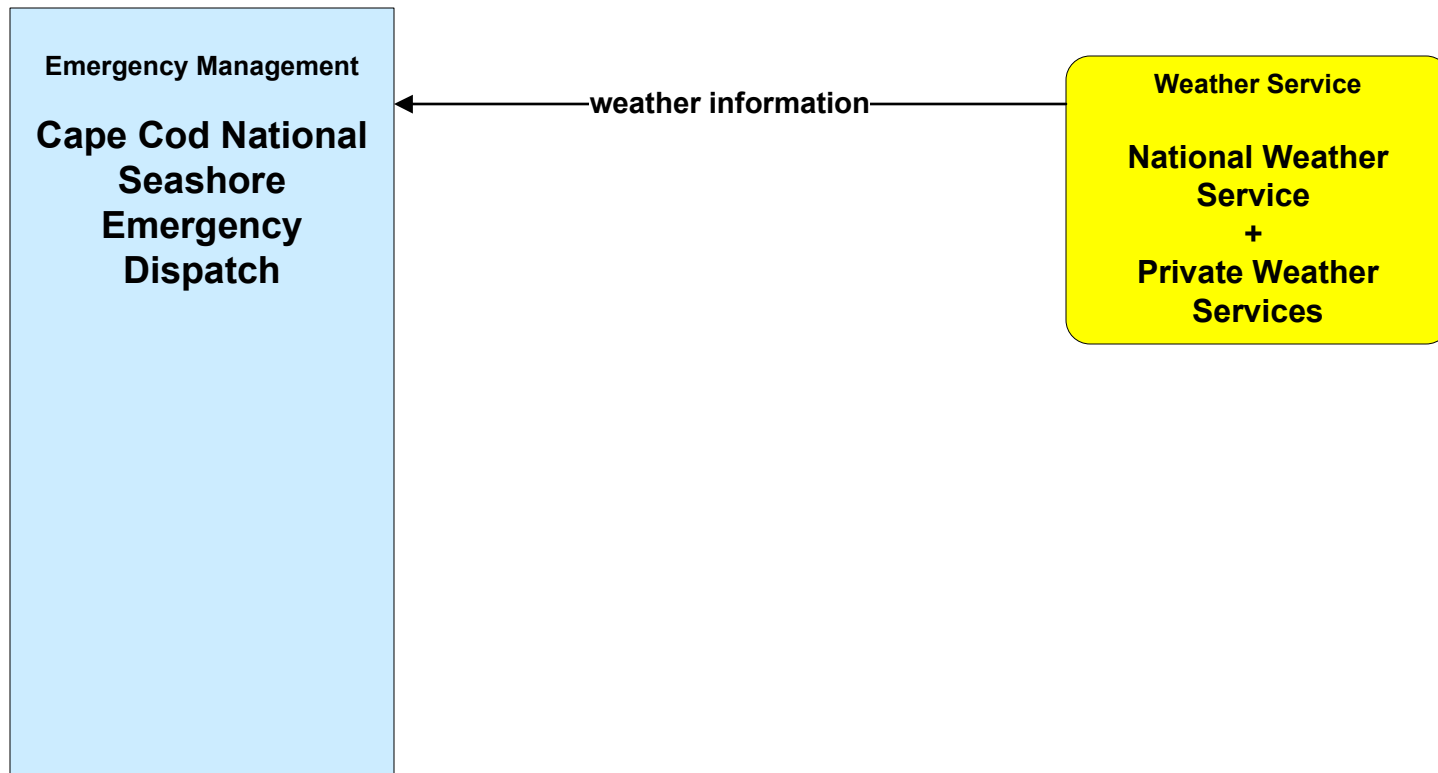
**MC04 - Weather Information Processing and Distribution  
Local City/Town DPW**



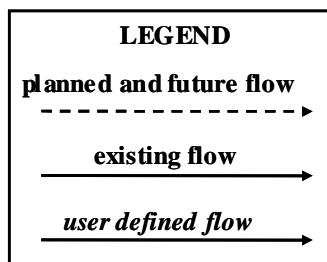
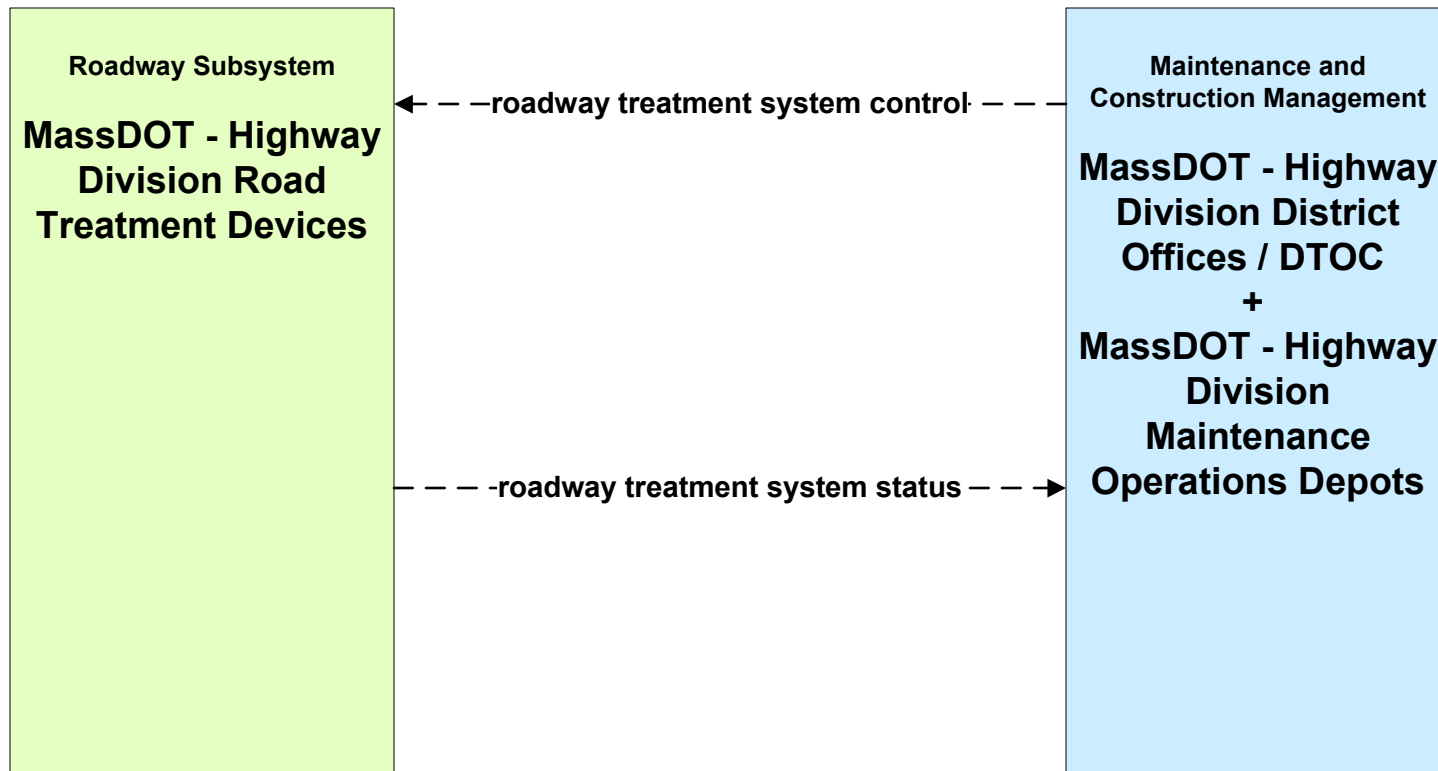
**MC04 - Weather Information Processing and Distribution  
MEMA Operations Center (St) and Army Corps of Engineers**



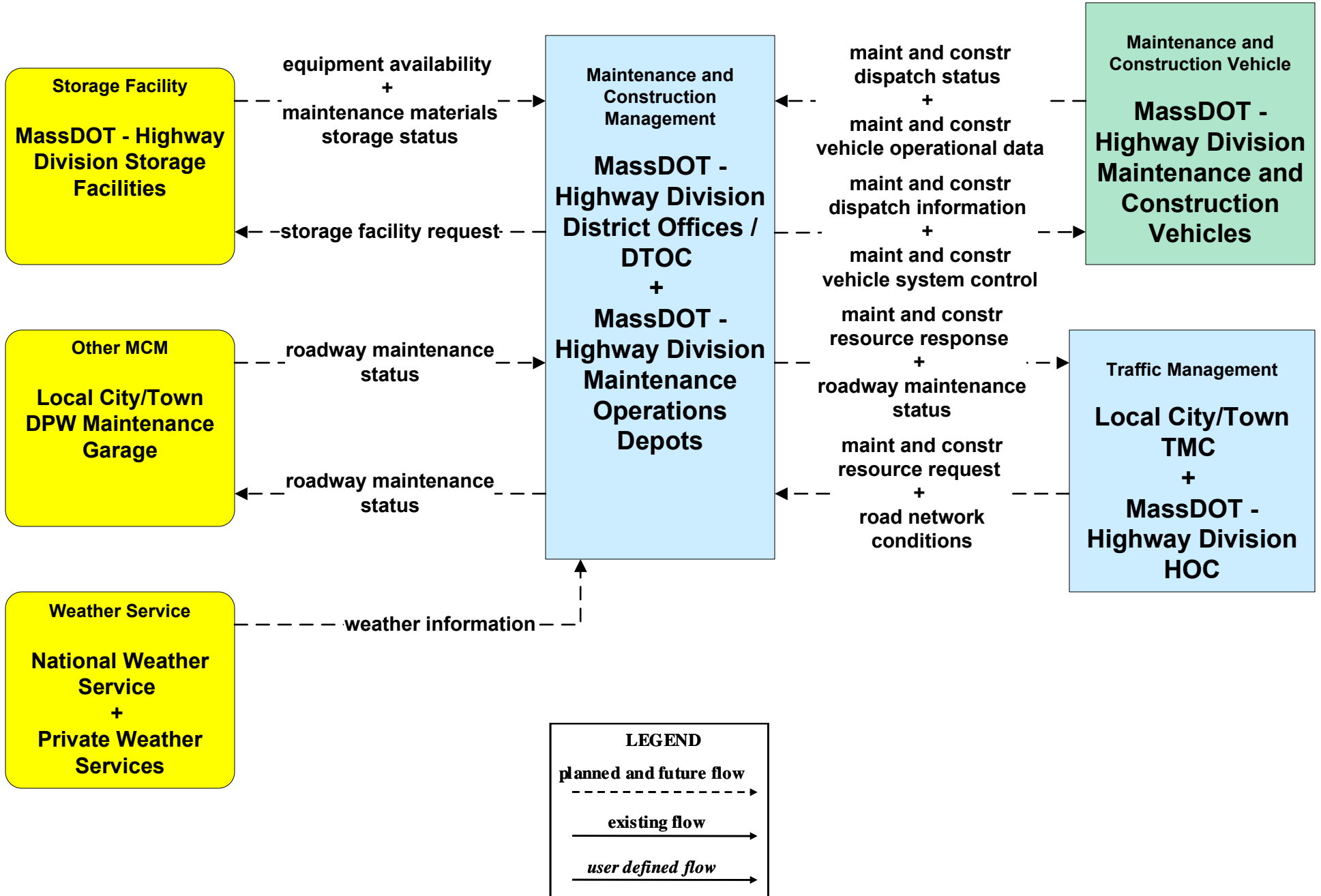
**MC04 - Weather Information Processing and Distribution  
Cape Cod National Seashore**



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

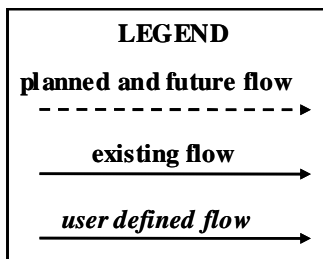
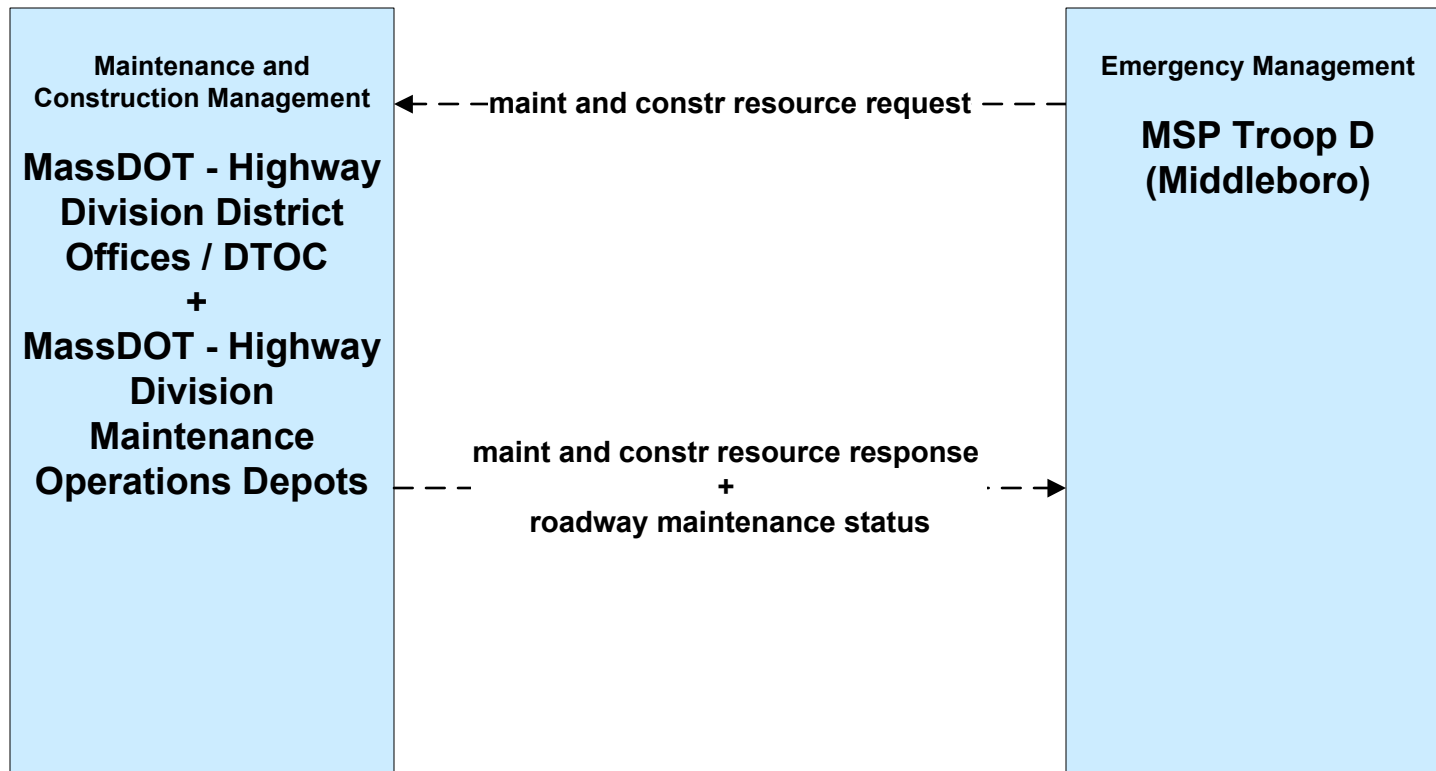


**MC06 - Winter Maintenance  
MassDOT - Highway Division (1 of 2)**

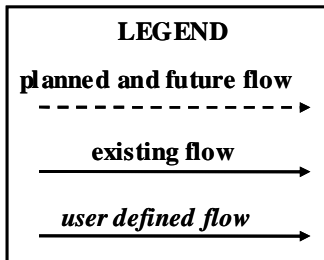
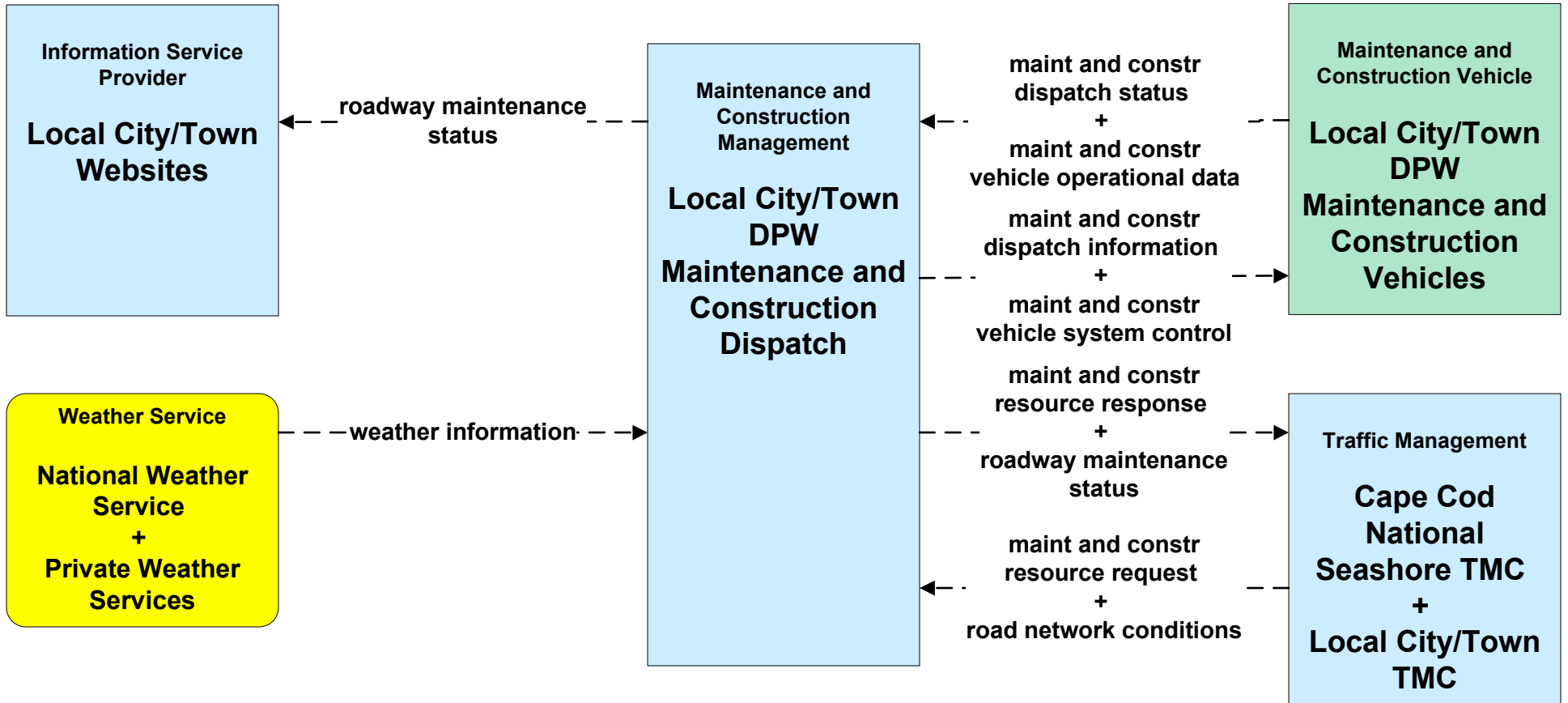




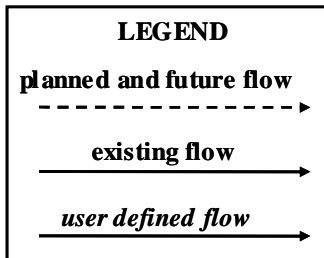
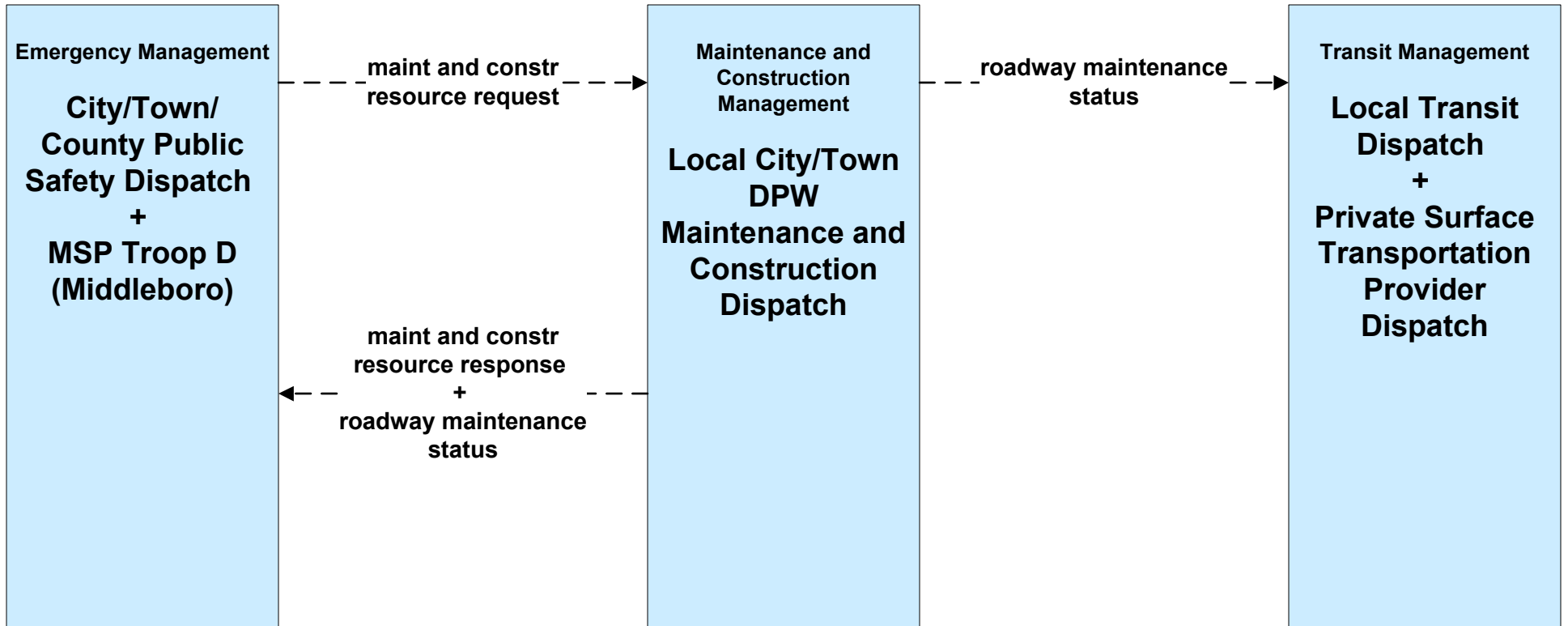
**MC06 - Winter Maintenance  
MassDOT - Highway Division (2 of 2)**



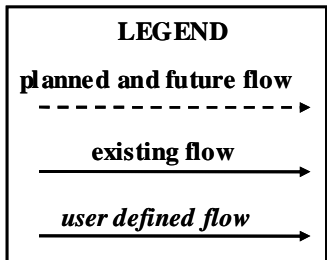
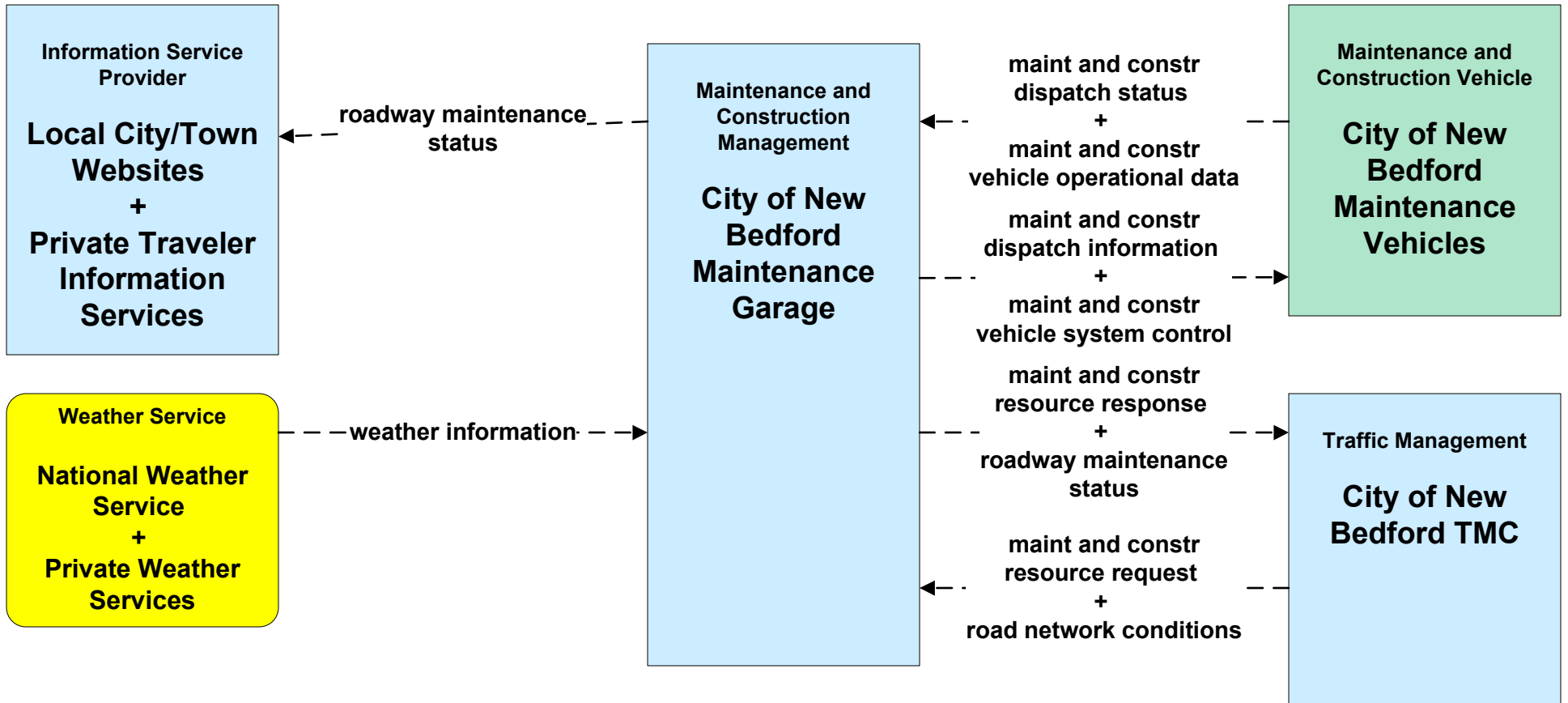
**MC06 - Winter Maintenance  
Local City/Town (1 of 2)**



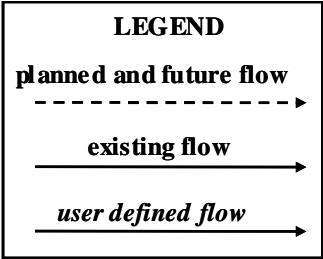
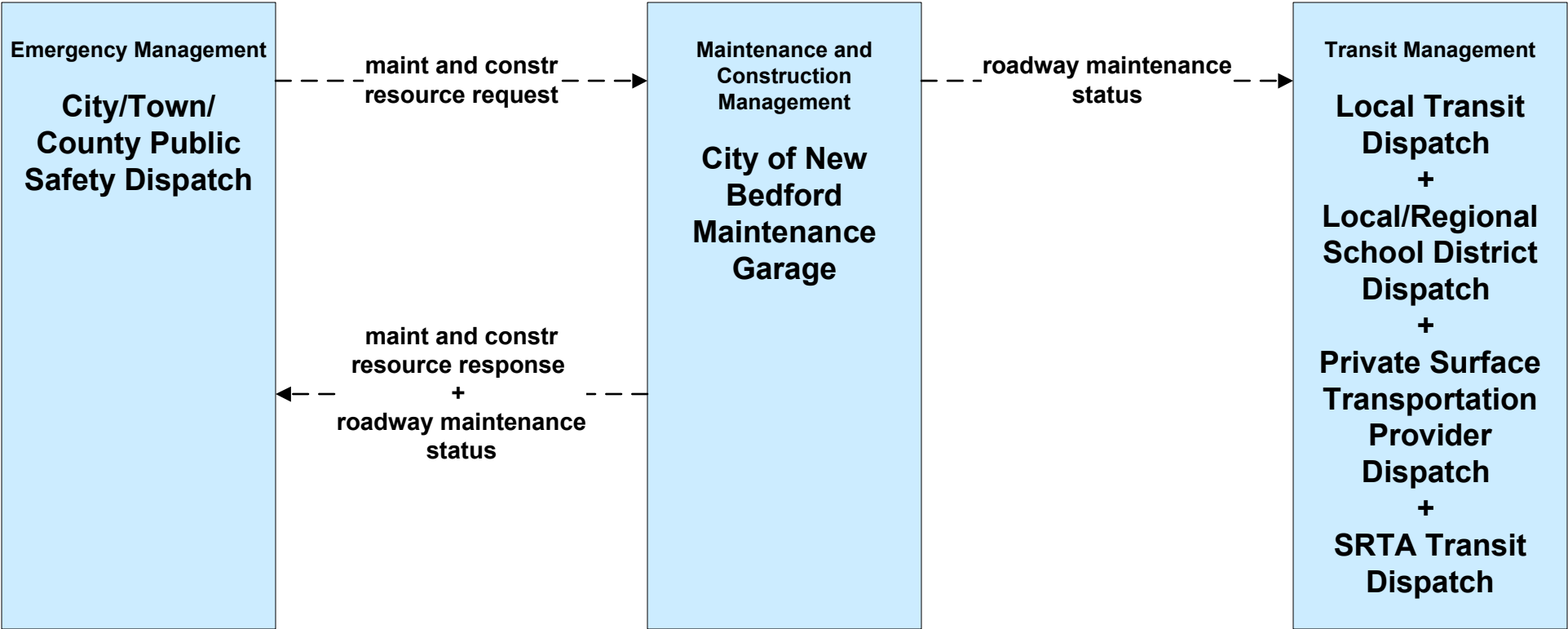
**MC06 - Winter Maintenance  
Local City/Town (2 of 2)**



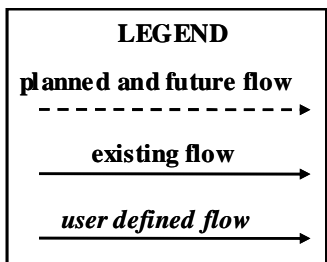
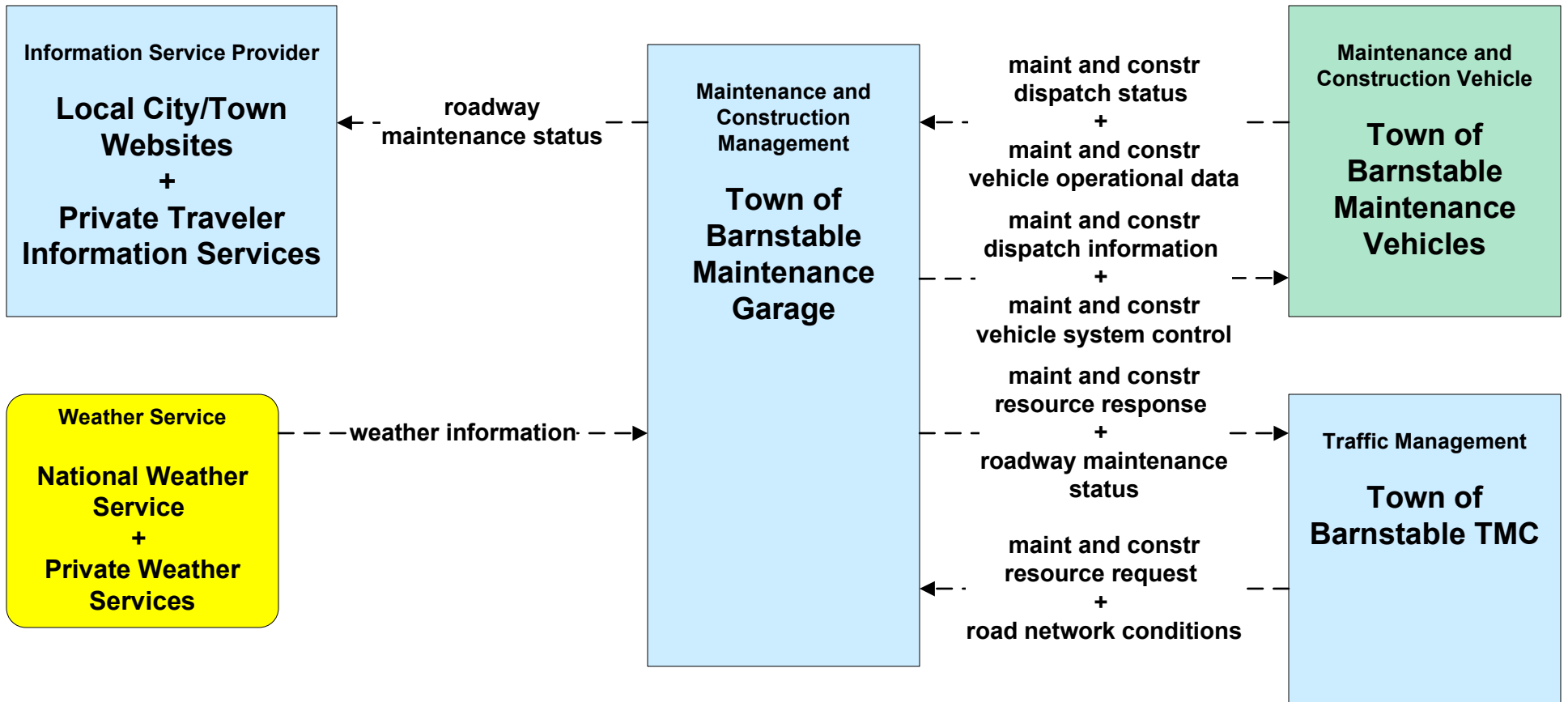
**MC06 - Winter Maintenance  
City of New Bedford (1 of 2)**



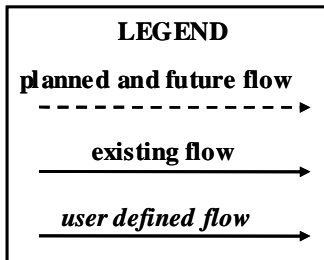
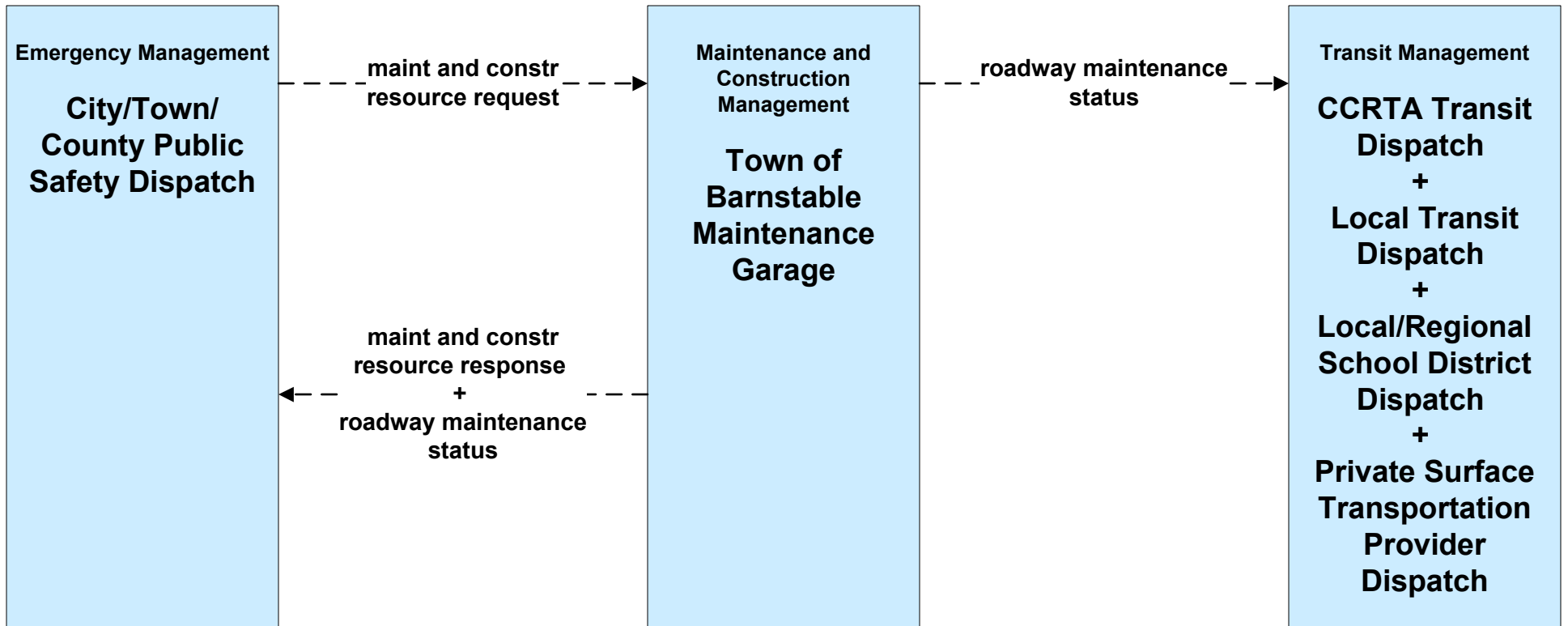
**MC06 - Winter Maintenance  
City of New Bedford (2 of 2)**



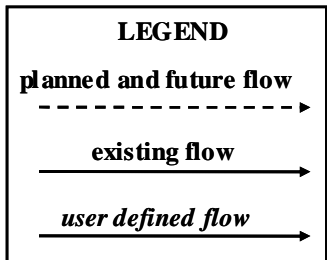
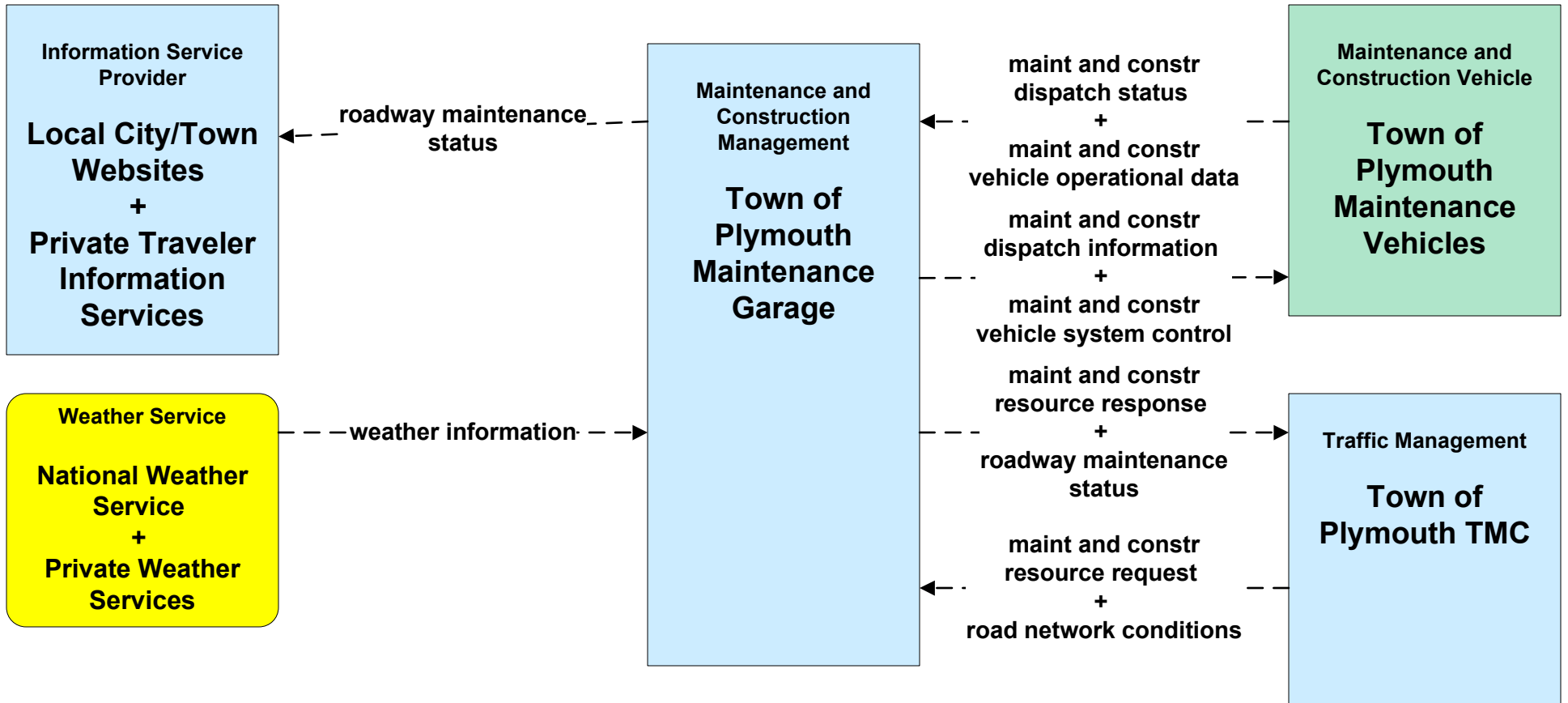
**MC06 - Winter Maintenance  
Town of Barnstable (1 of 2)**



**MC06 - Winter Maintenance  
Town of Barnstable (2 of 2)**

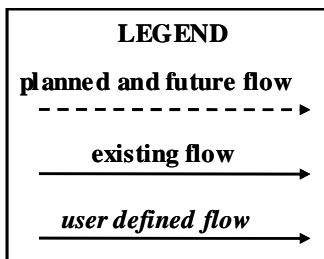
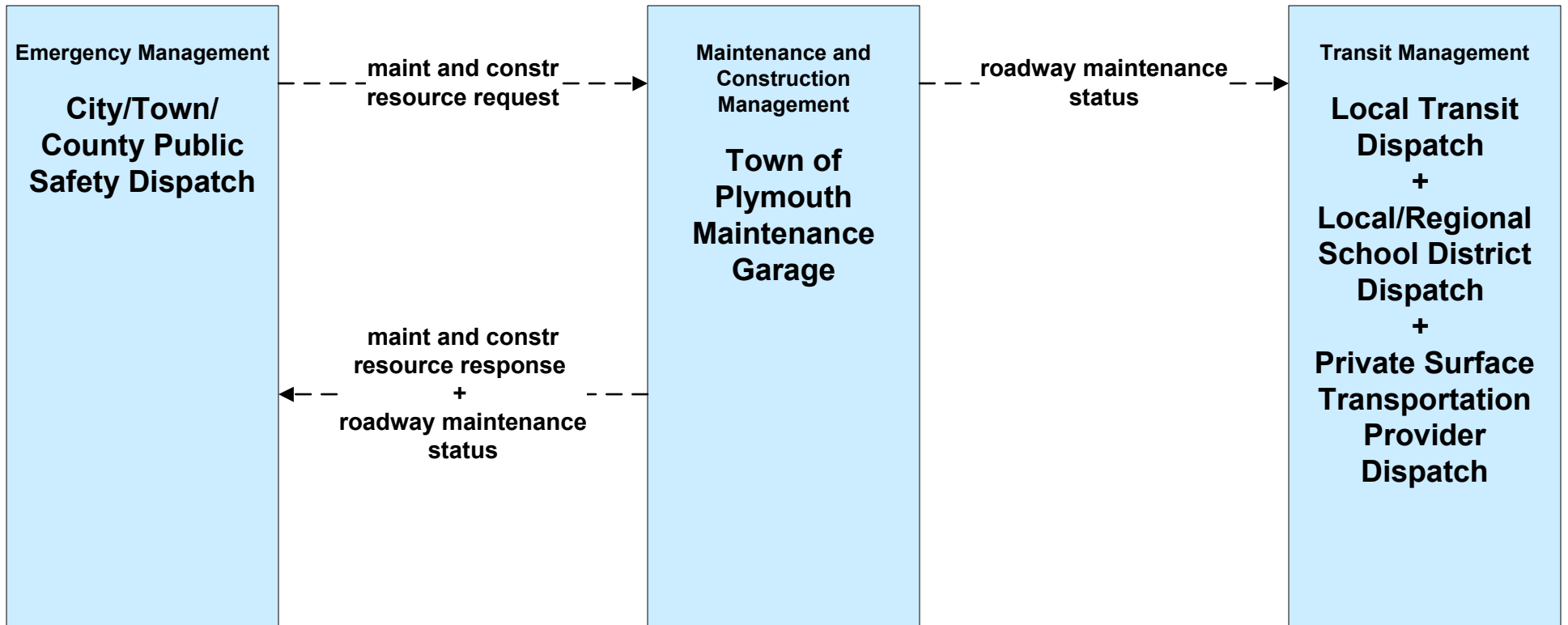


**MC06 - Winter Maintenance  
Town of Plymouth (1 of 2)**

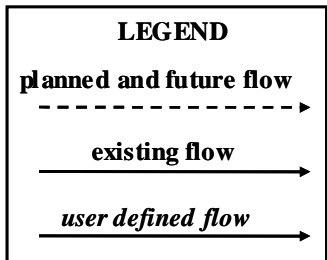
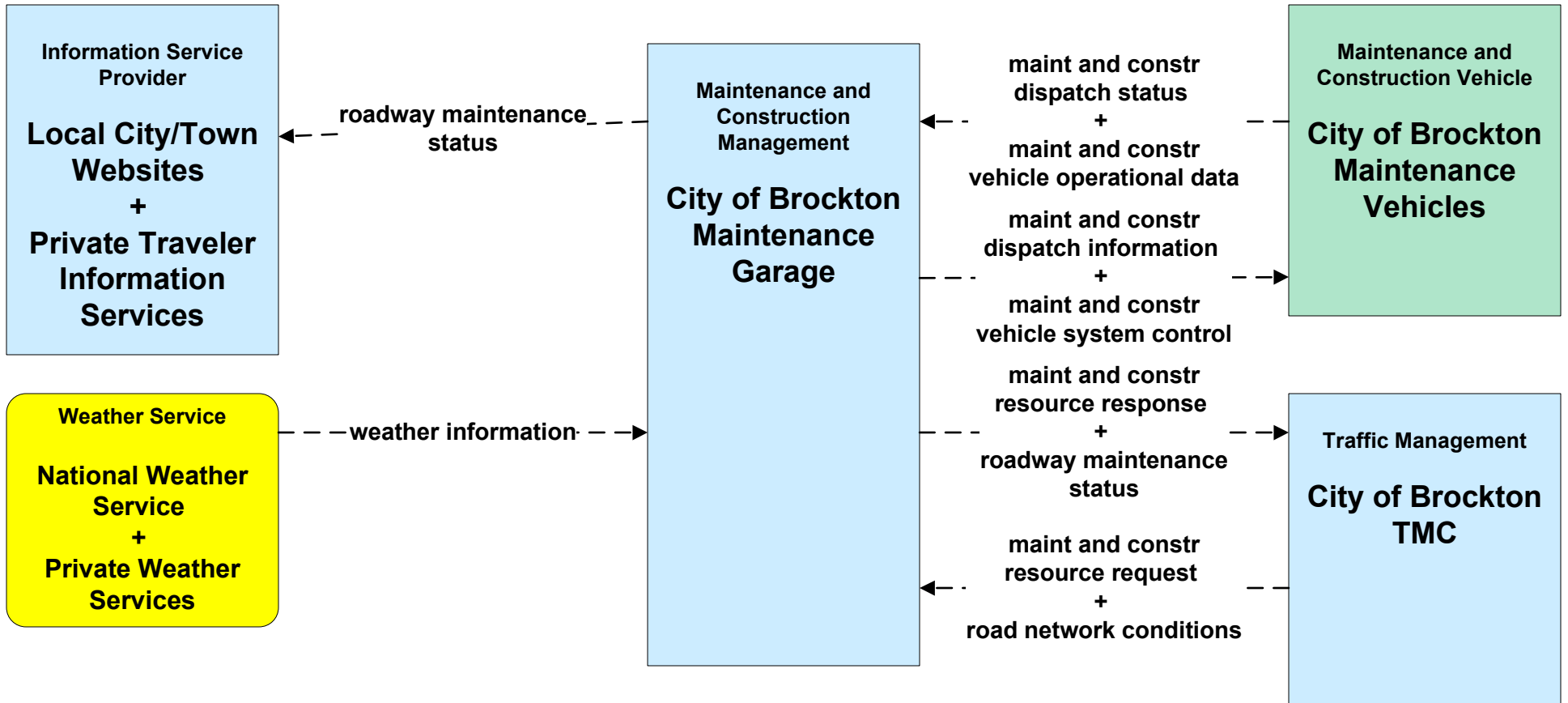




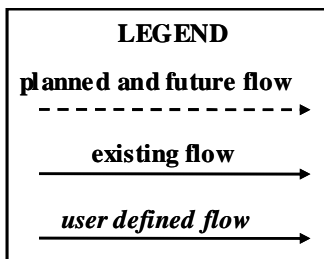
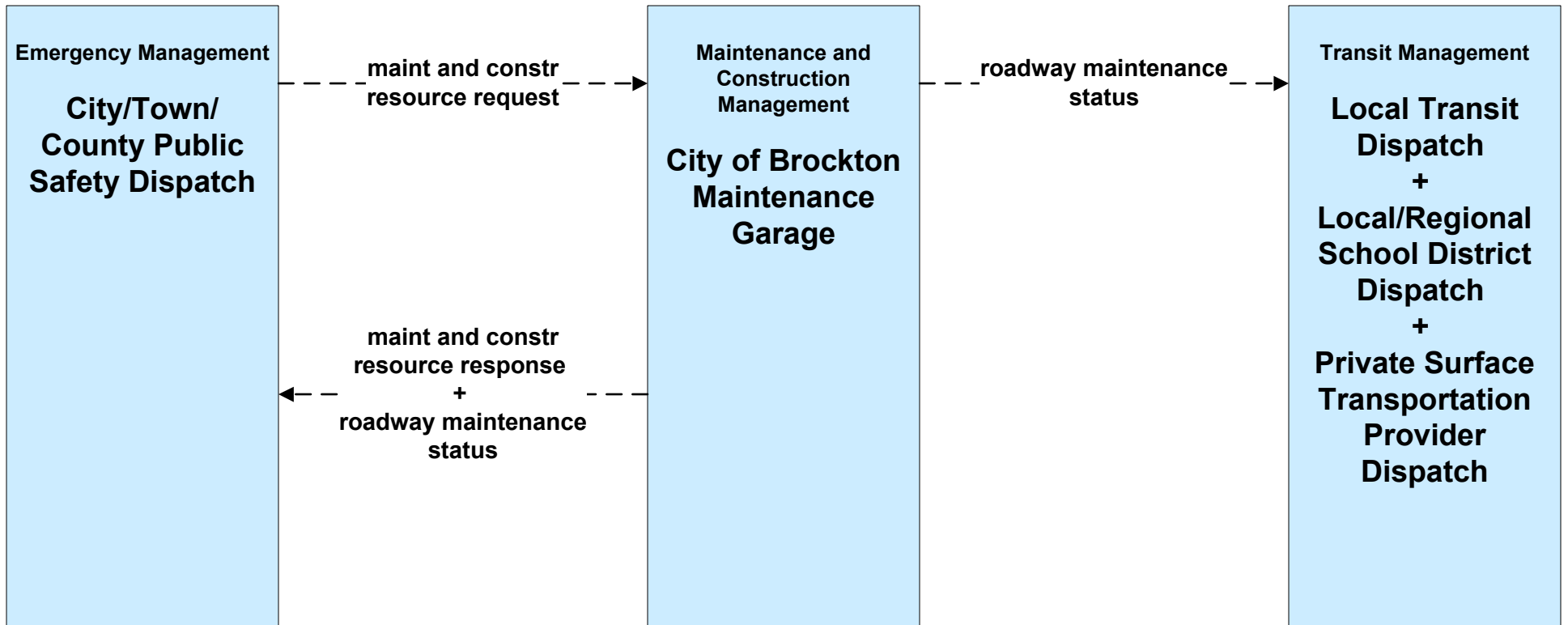
**MC06 - Winter Maintenance  
Town of Plymouth (2 of 2)**



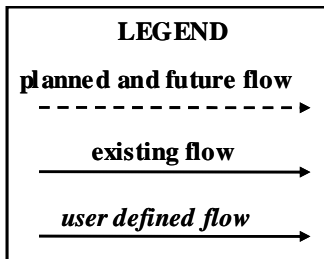
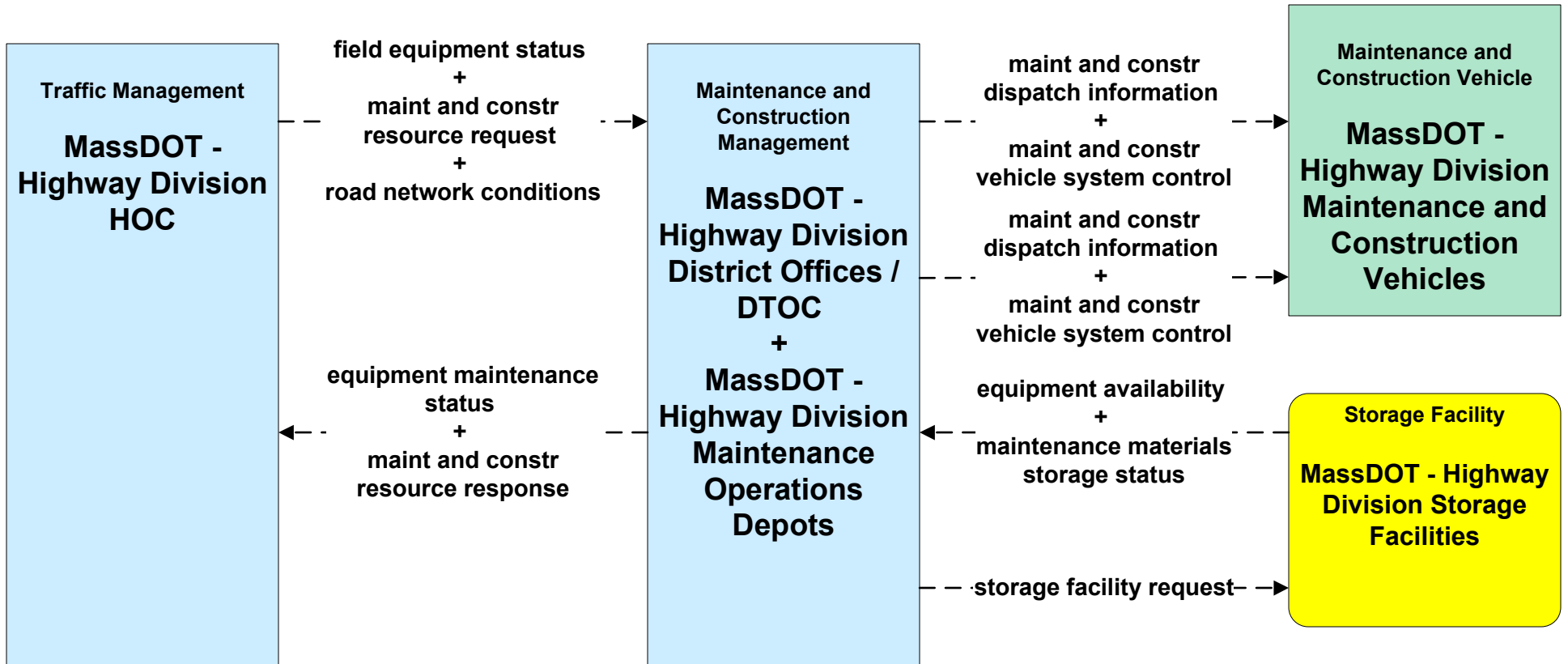
**MC06 - Winter Maintenance  
City of Brockton (1 of 2)**



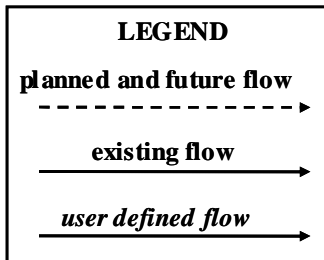
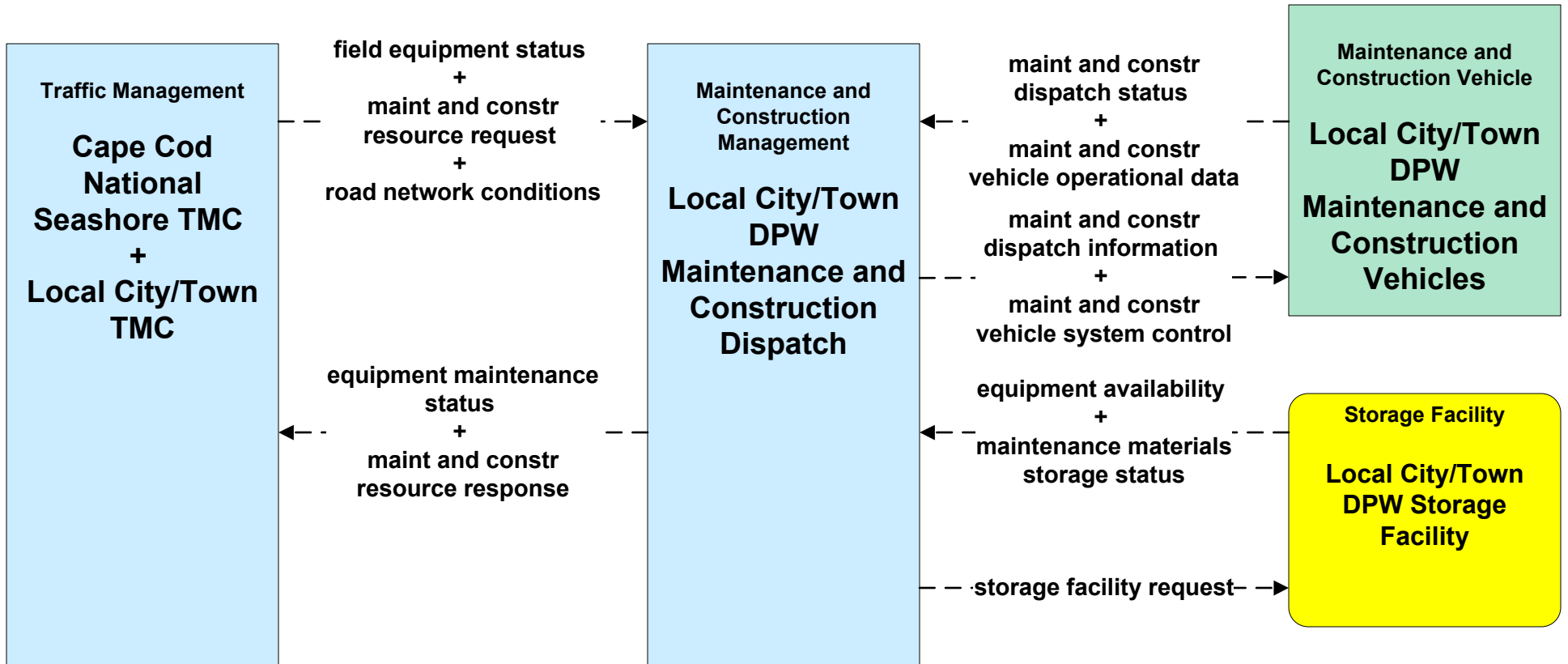
**MC06 - Winter Maintenance  
City of Brockton (2 of 2)**



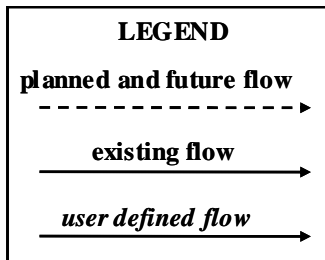
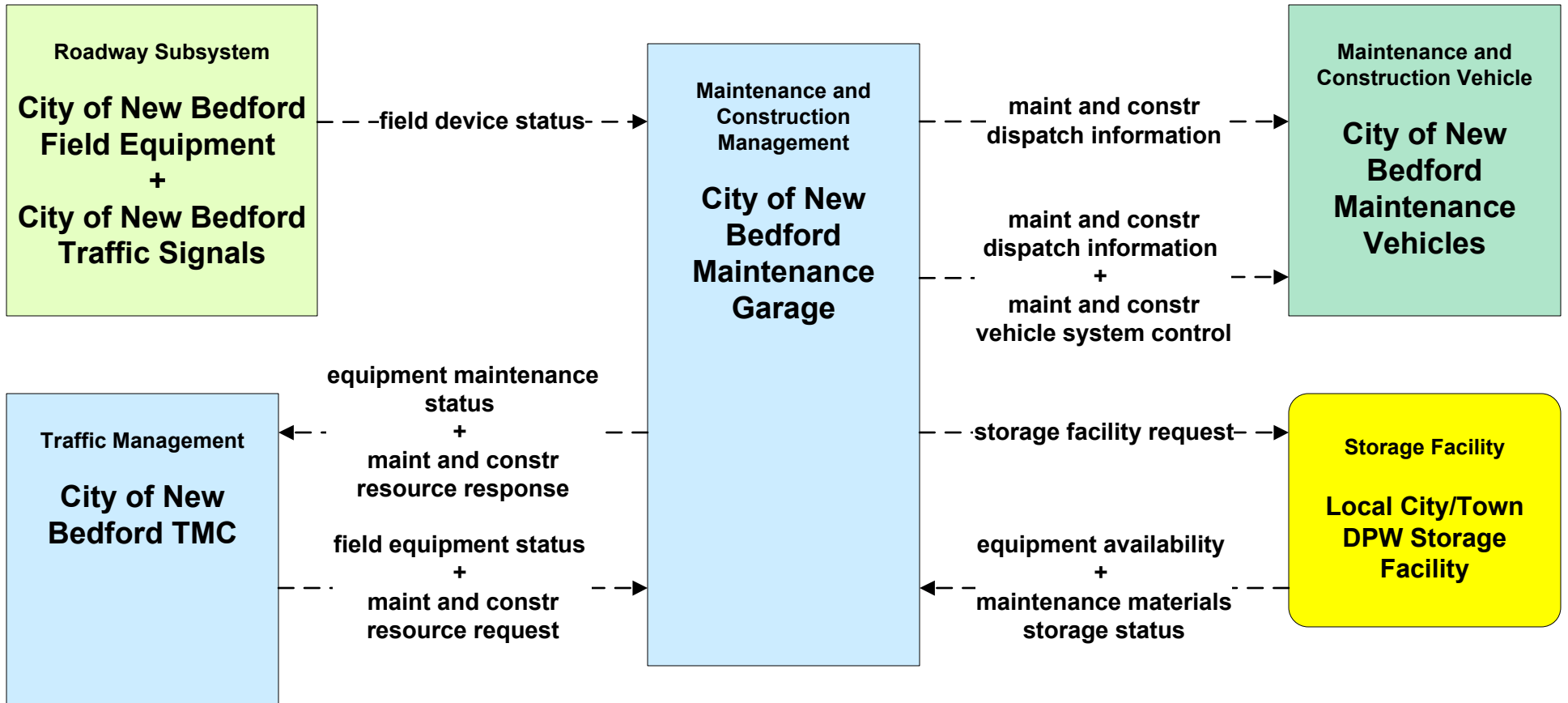
**MC07 - Roadway Maintenance and Construction  
MassDOT – Highway Division**



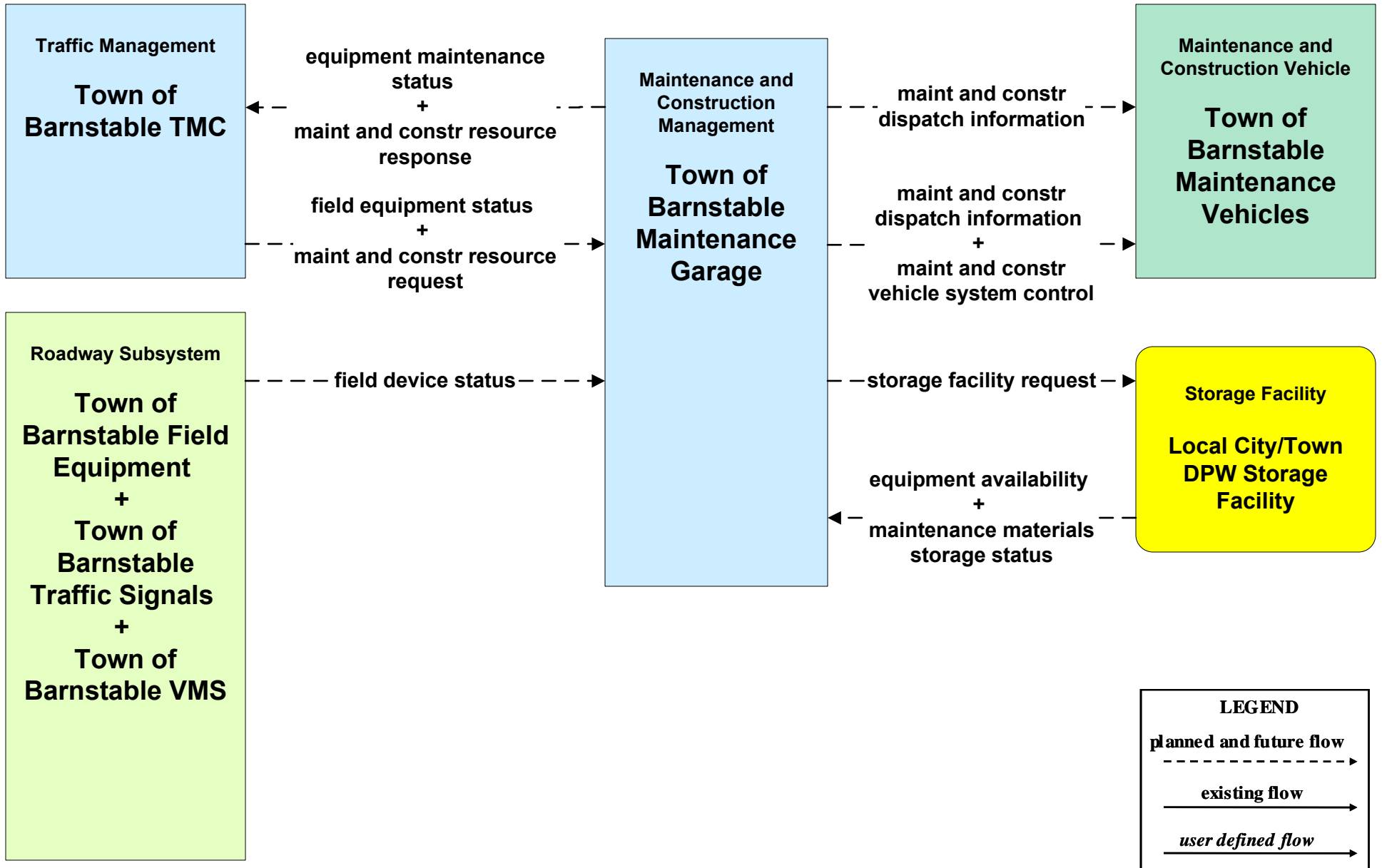
**MC07 - Roadway Maintenance and Construction  
Local City/Town**



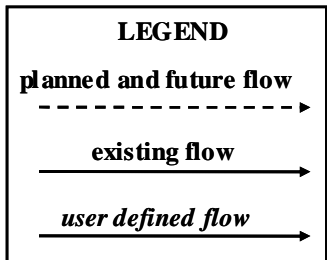
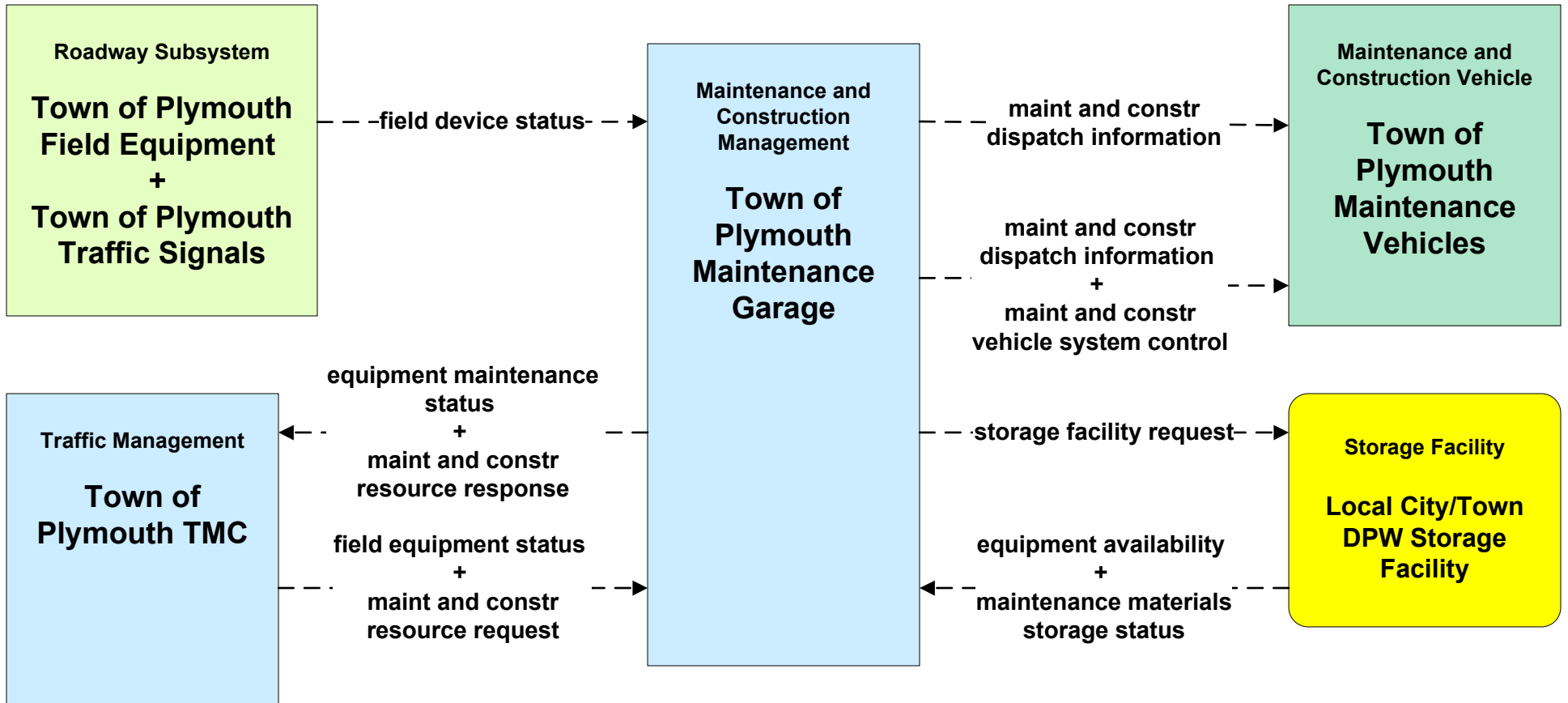
**MC07 - Roadway Maintenance and Construction  
City of New Bedford**



**MC07 - Roadway Maintenance and Construction  
Town of Barnstable**

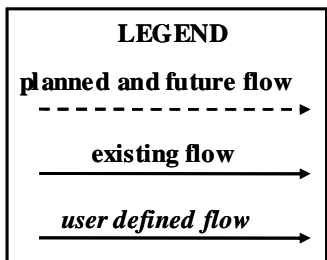
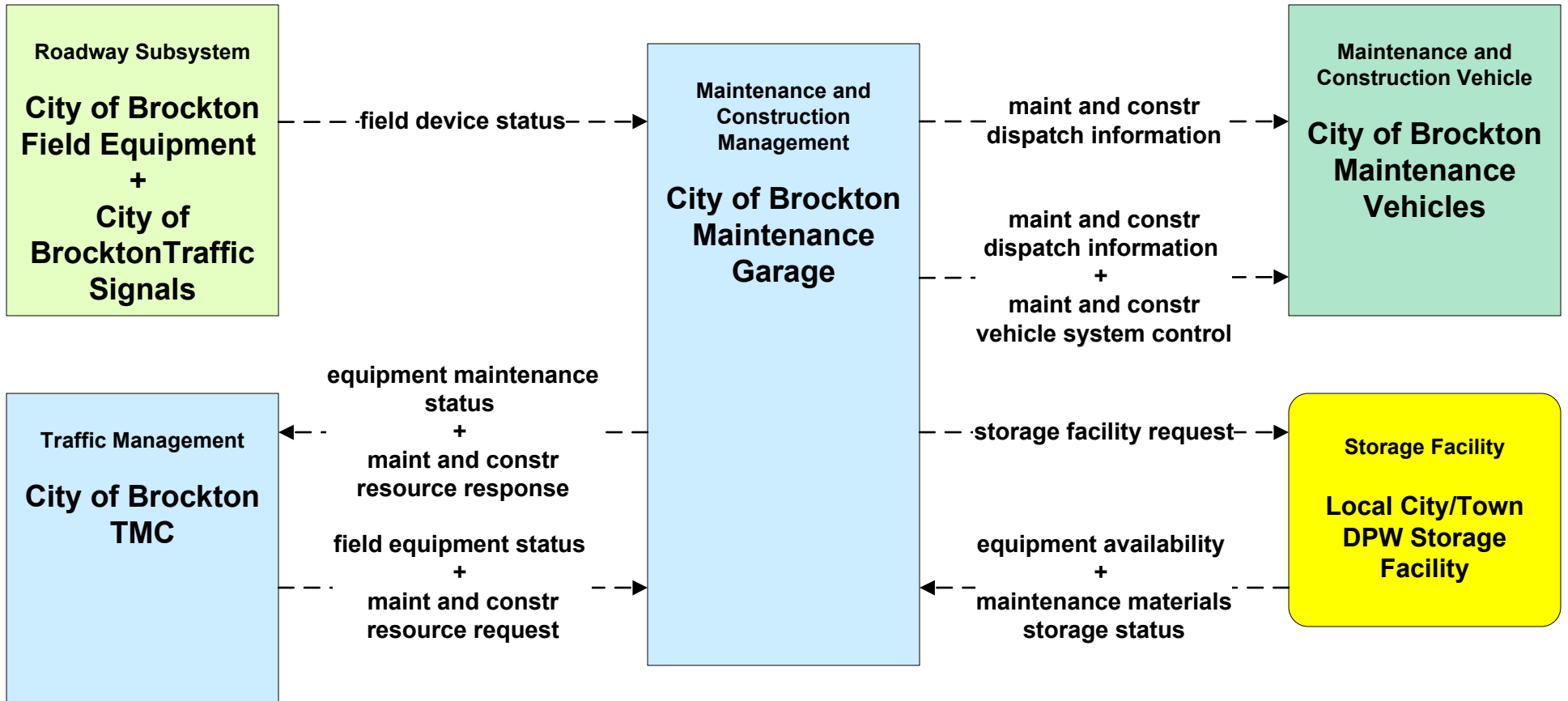


**MC07 - Roadway Maintenance and Construction  
Town of Plymouth**

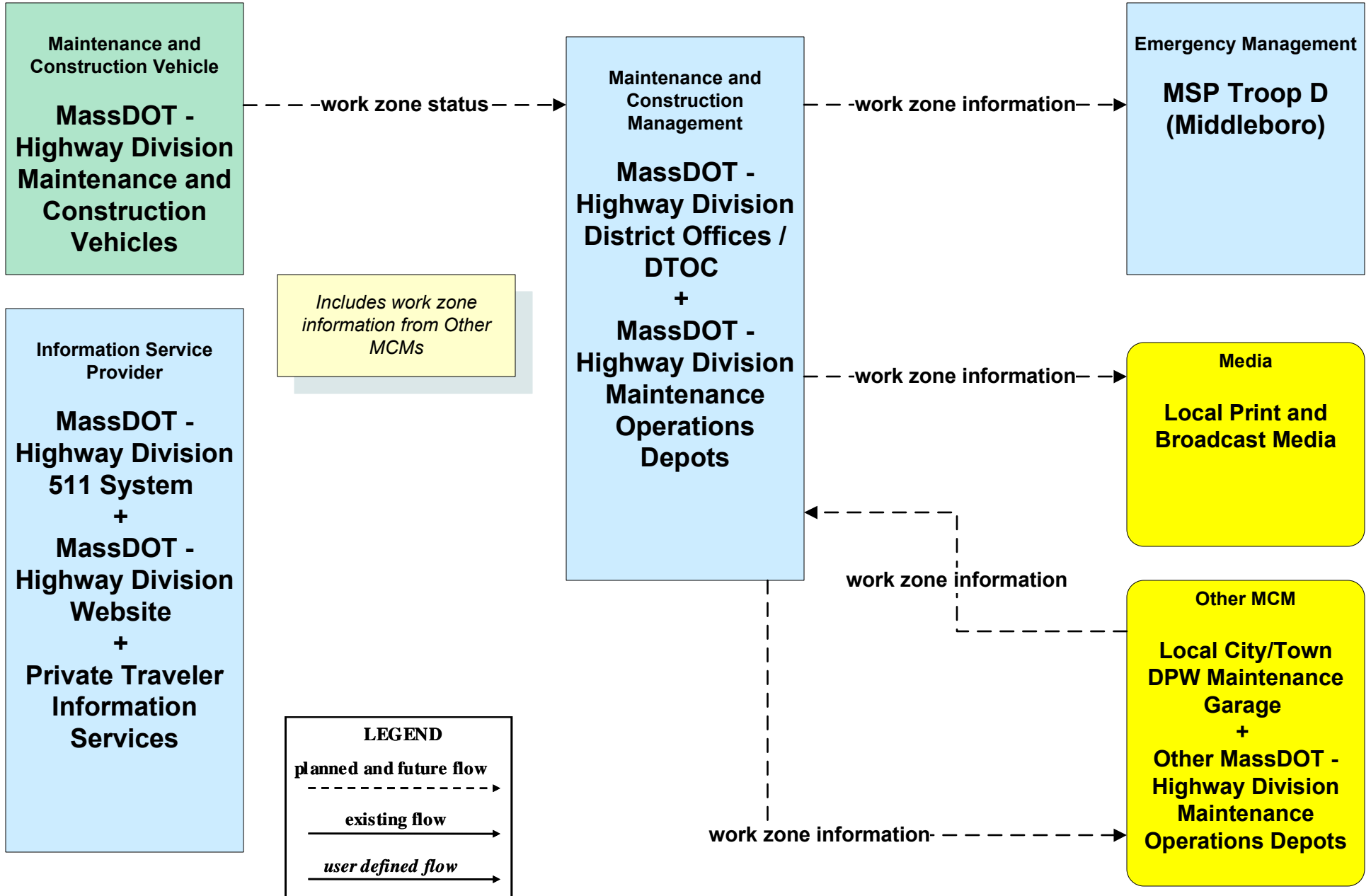




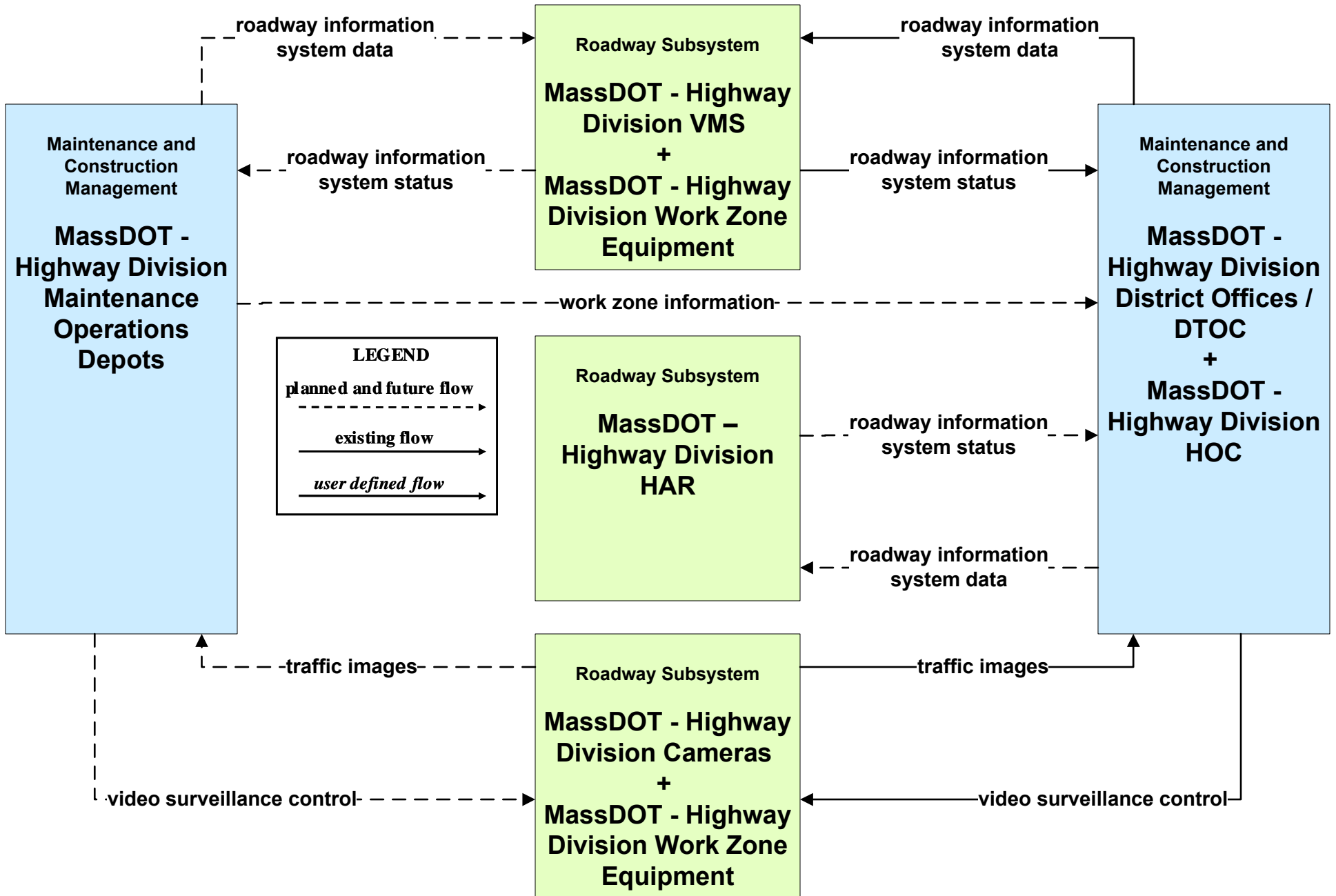
**MC07 - Roadway Maintenance and Construction  
City of Brockton**



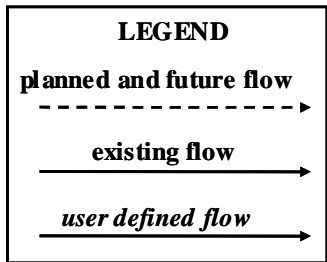
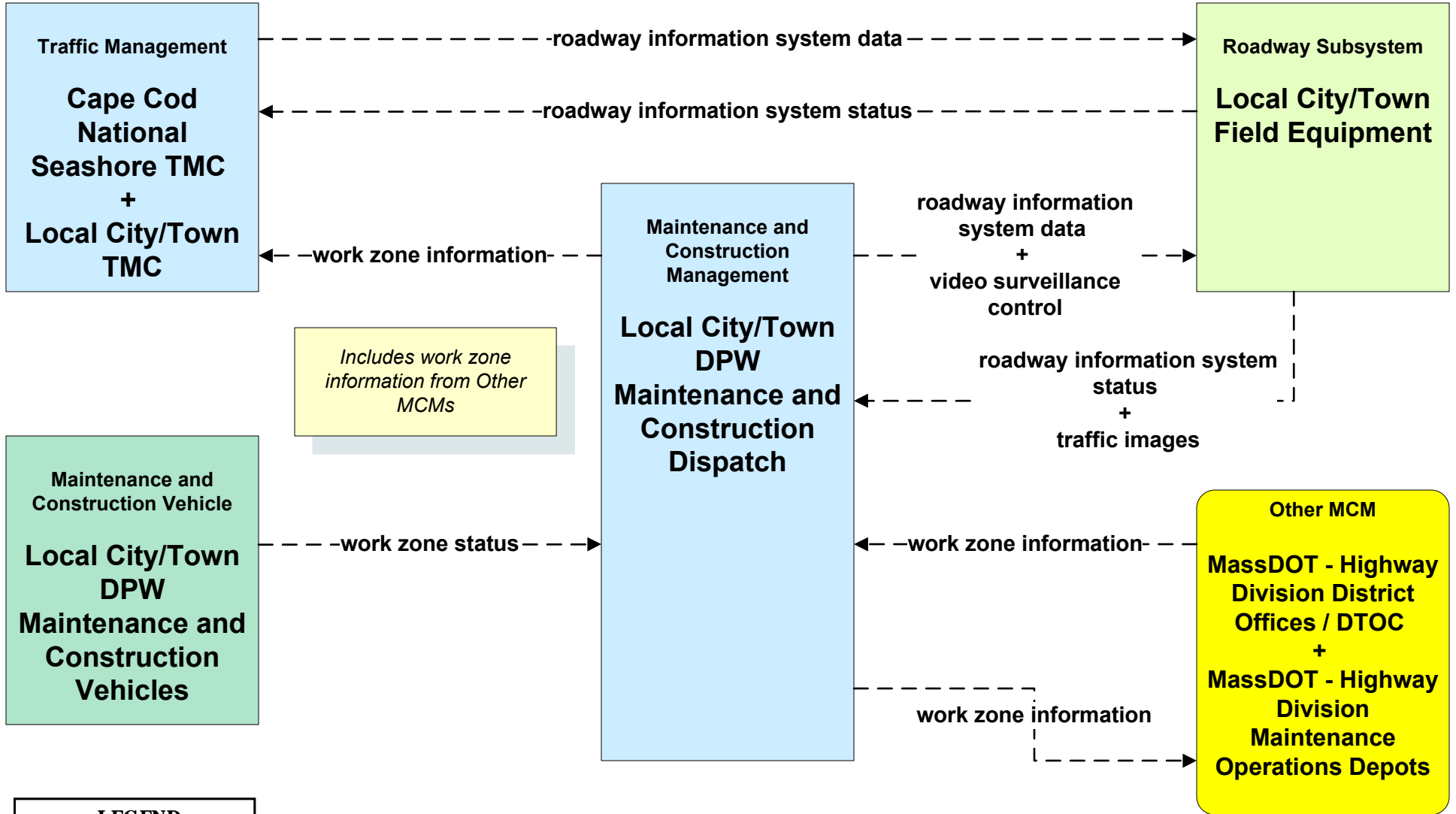
**MC08 - Workzone Management**  
**MassDOT - Highway Division (1 of 2)**



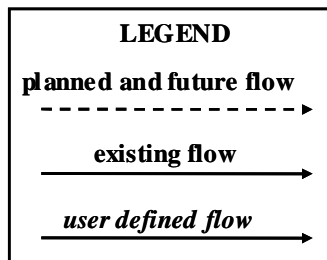
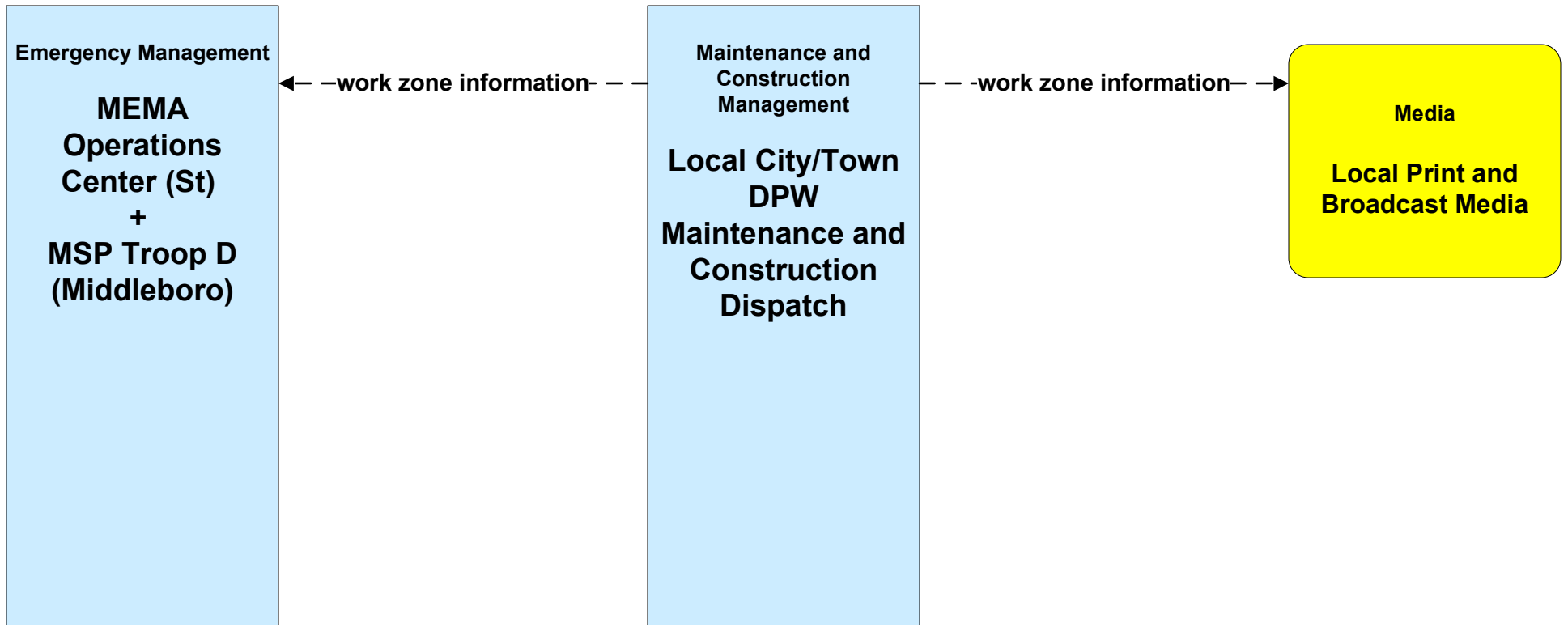
**MC08 - Workzone Management  
MassDOT - Highway Division (2 of 2)**



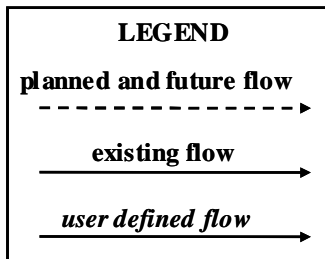
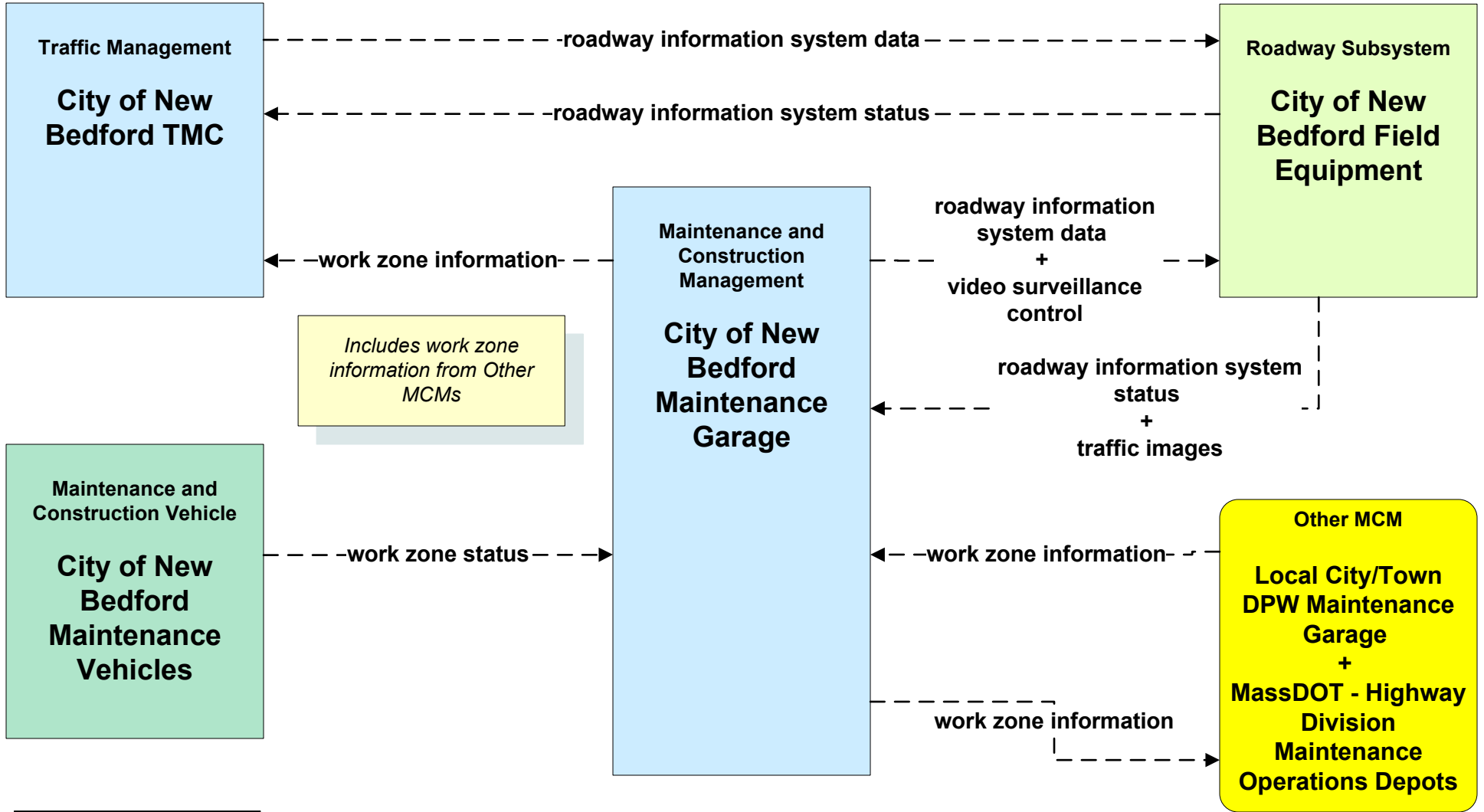
**MC08 - Workzone Management  
Local City/Town (1 of 2)**



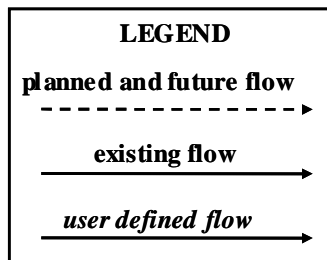
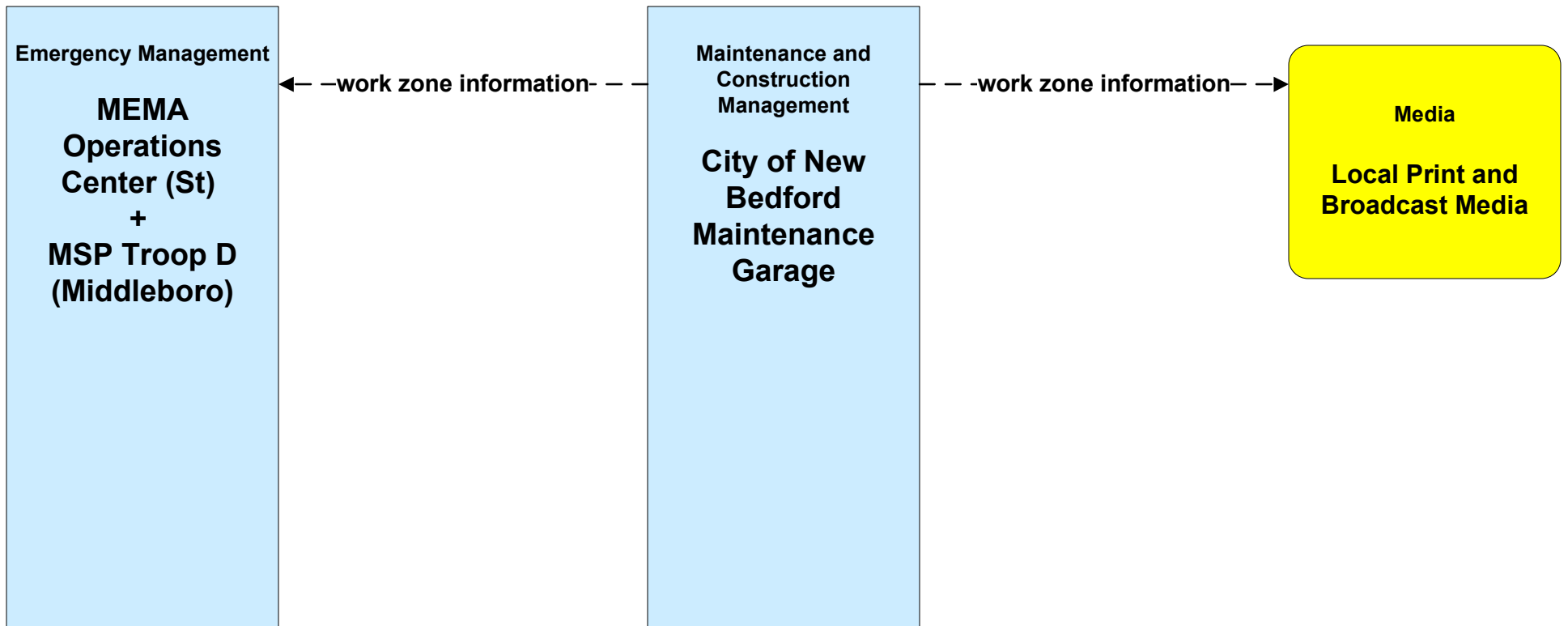
**MC08 - Workzone Management  
Local City/Town (2 of 2)**



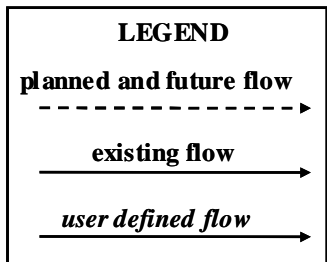
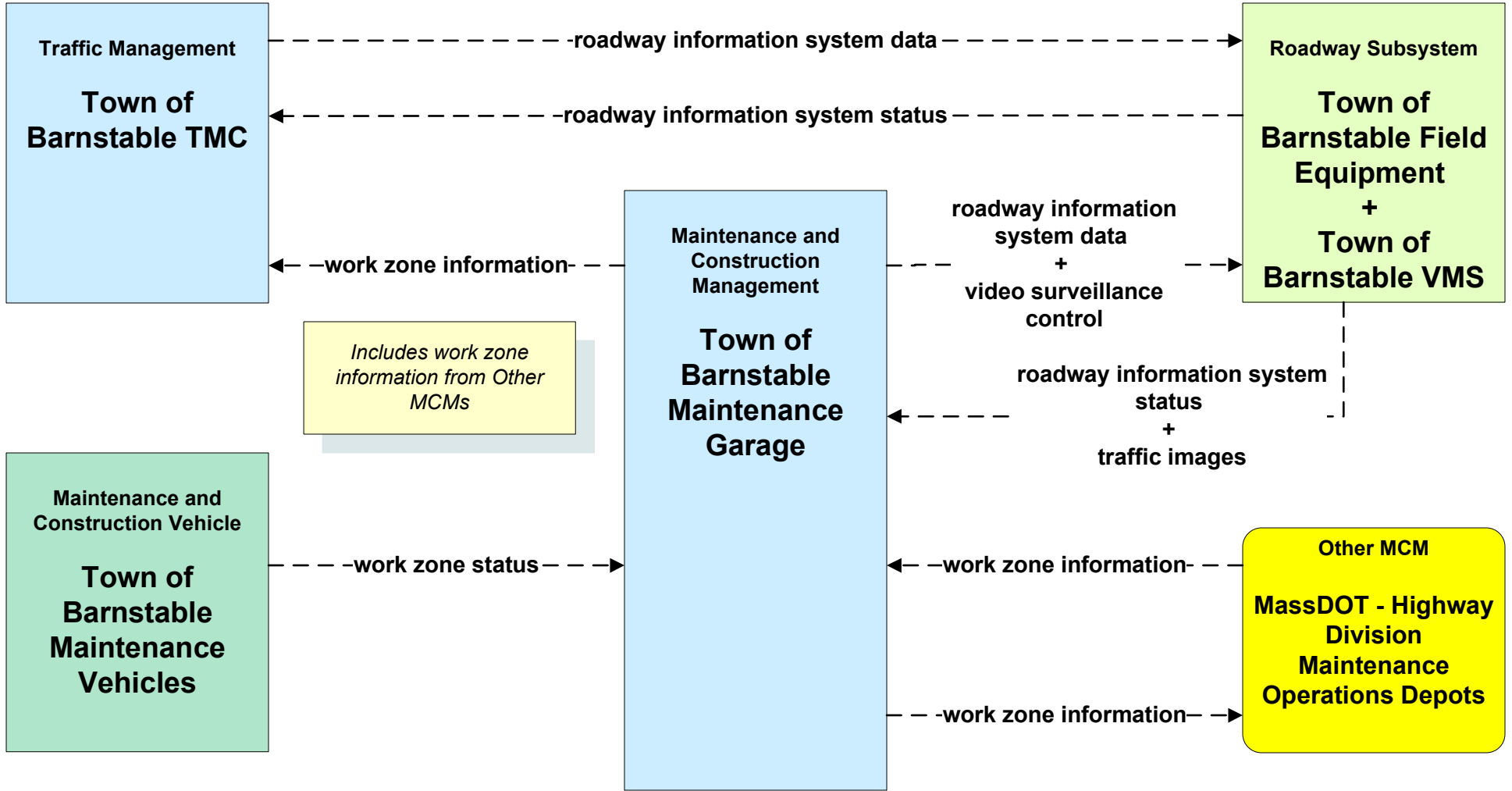
**MC08 - Workzone Management  
City of New Bedford (1 of 2)**



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

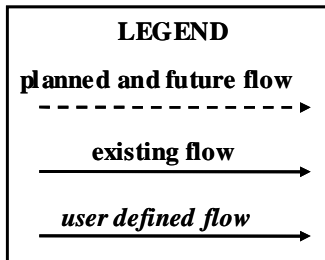
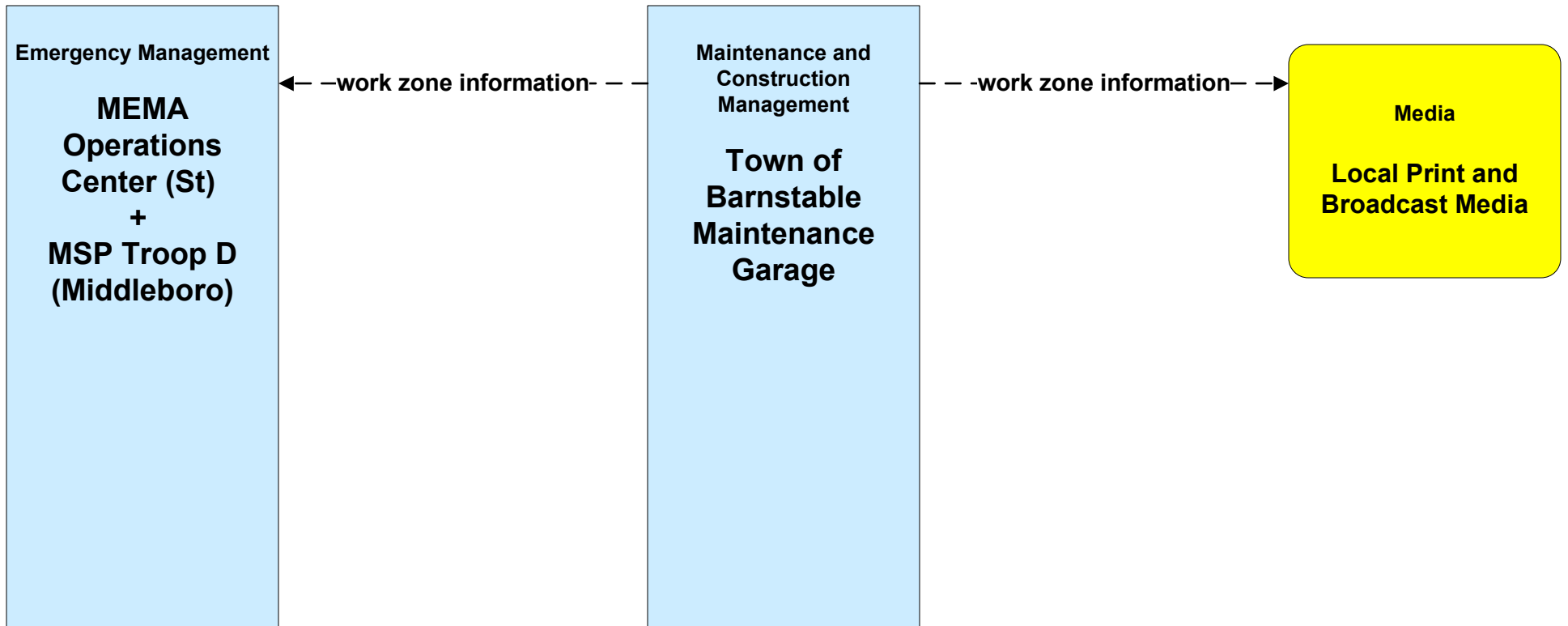


**MC08 - Workzone Management  
Town of Barnstable (1 of 2)**

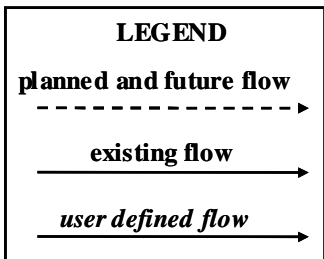
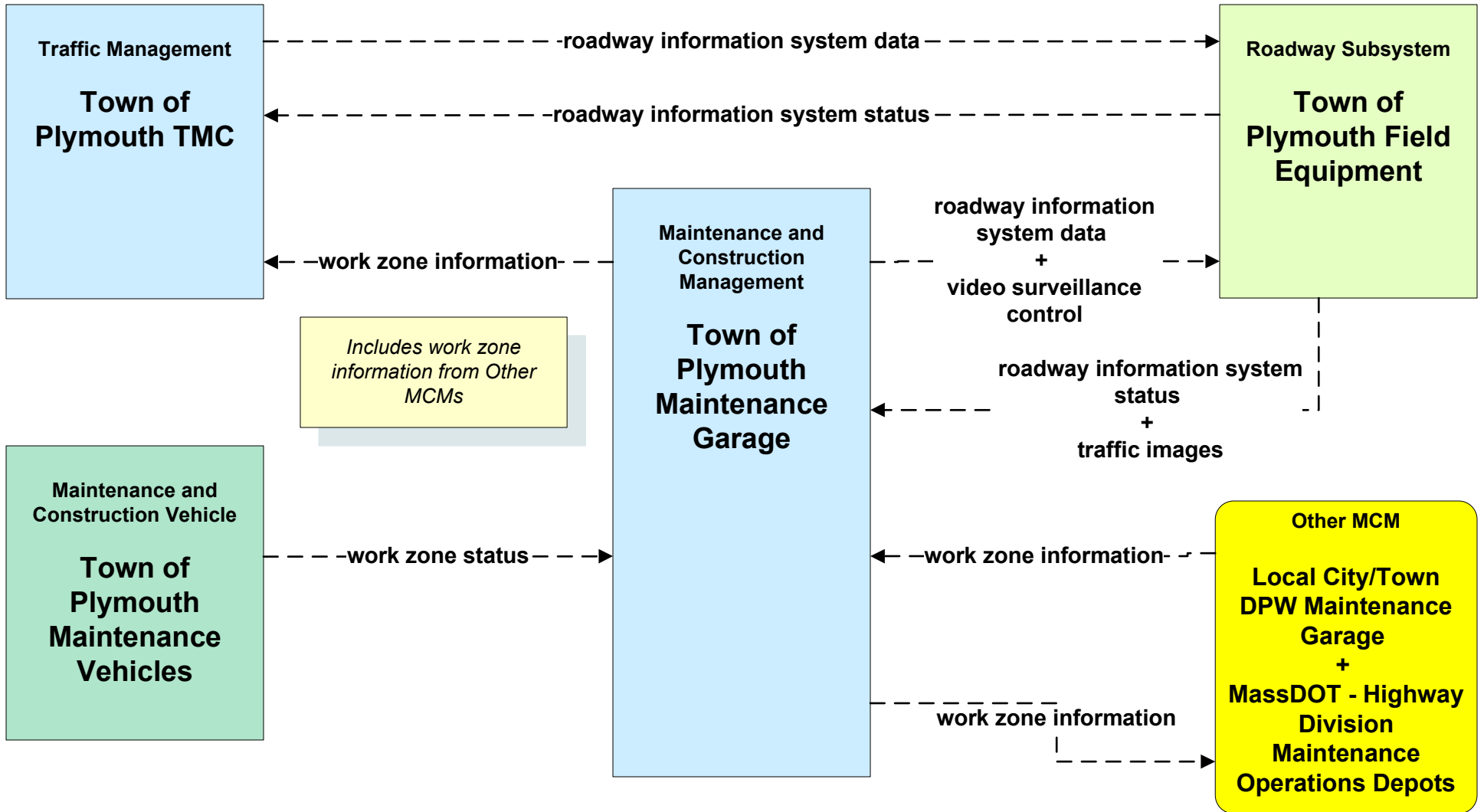




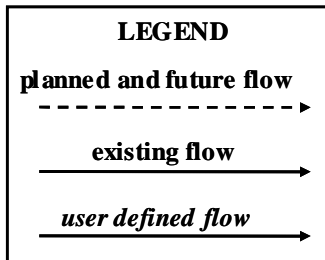
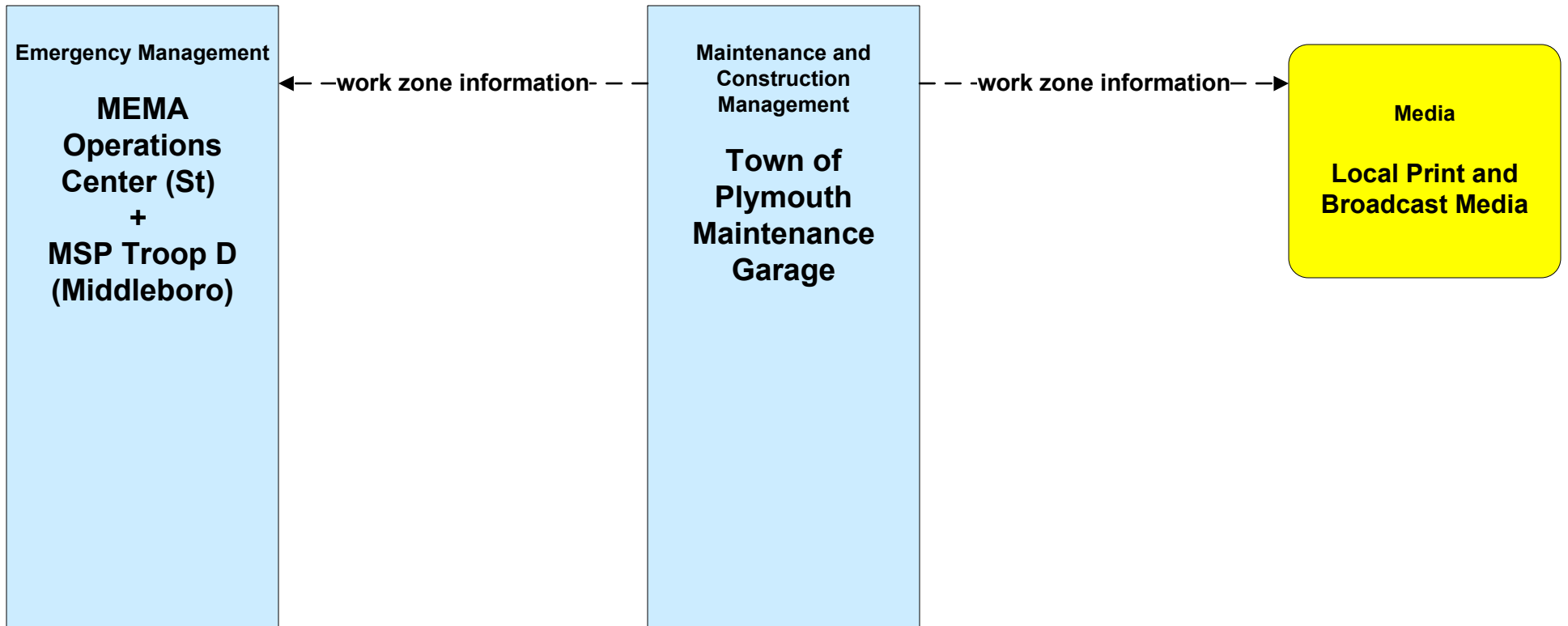
**MC08 - Workzone Management  
Town of Barnstable (2 of 2)**



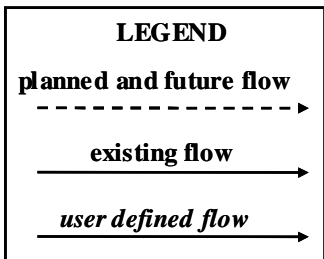
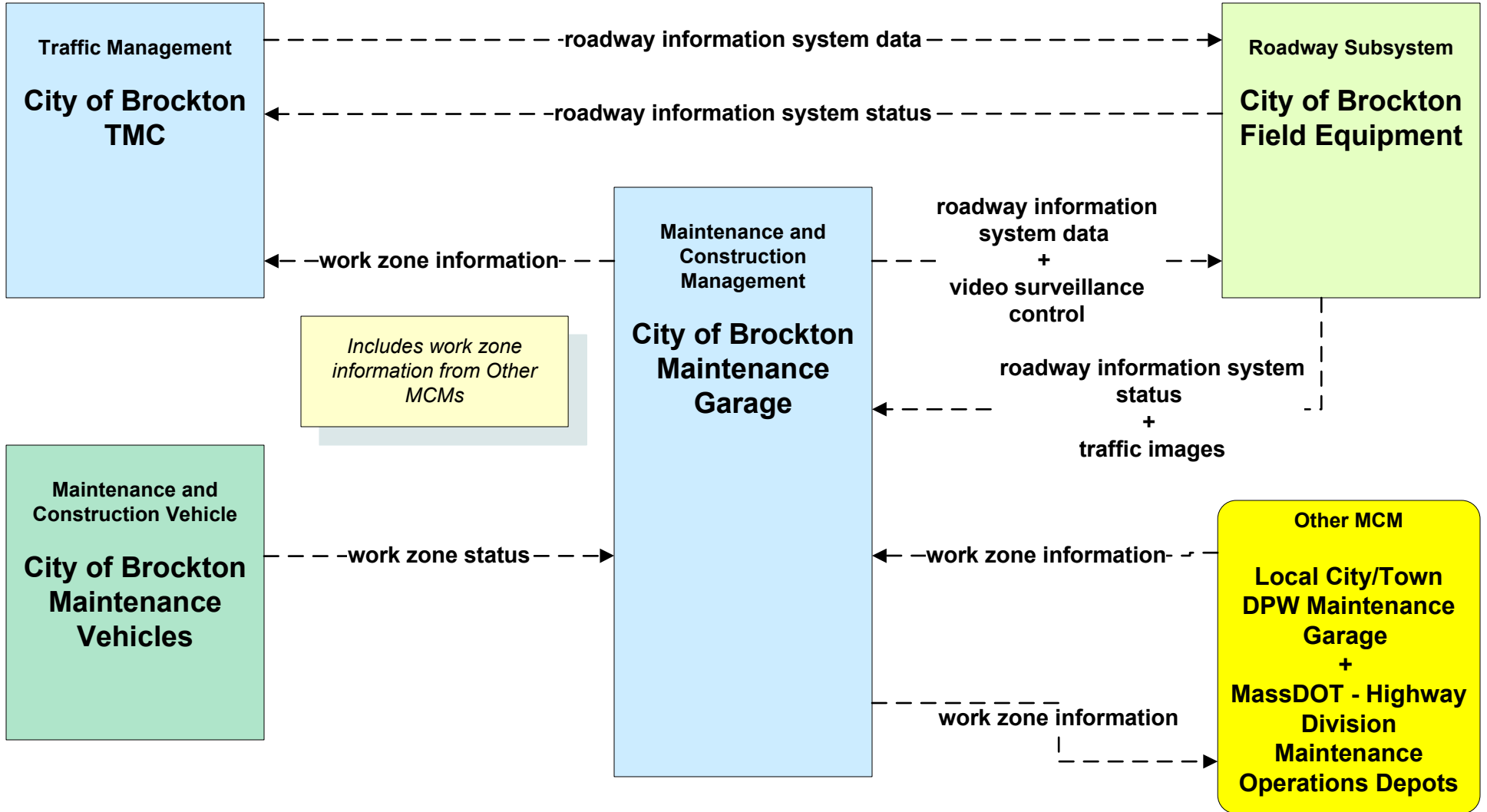
**MC08 - Workzone Management  
Town of Plymouth (1 of 2)**



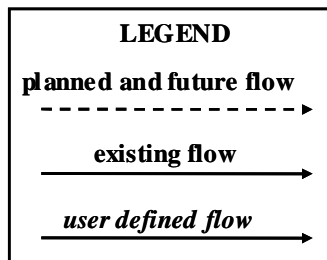
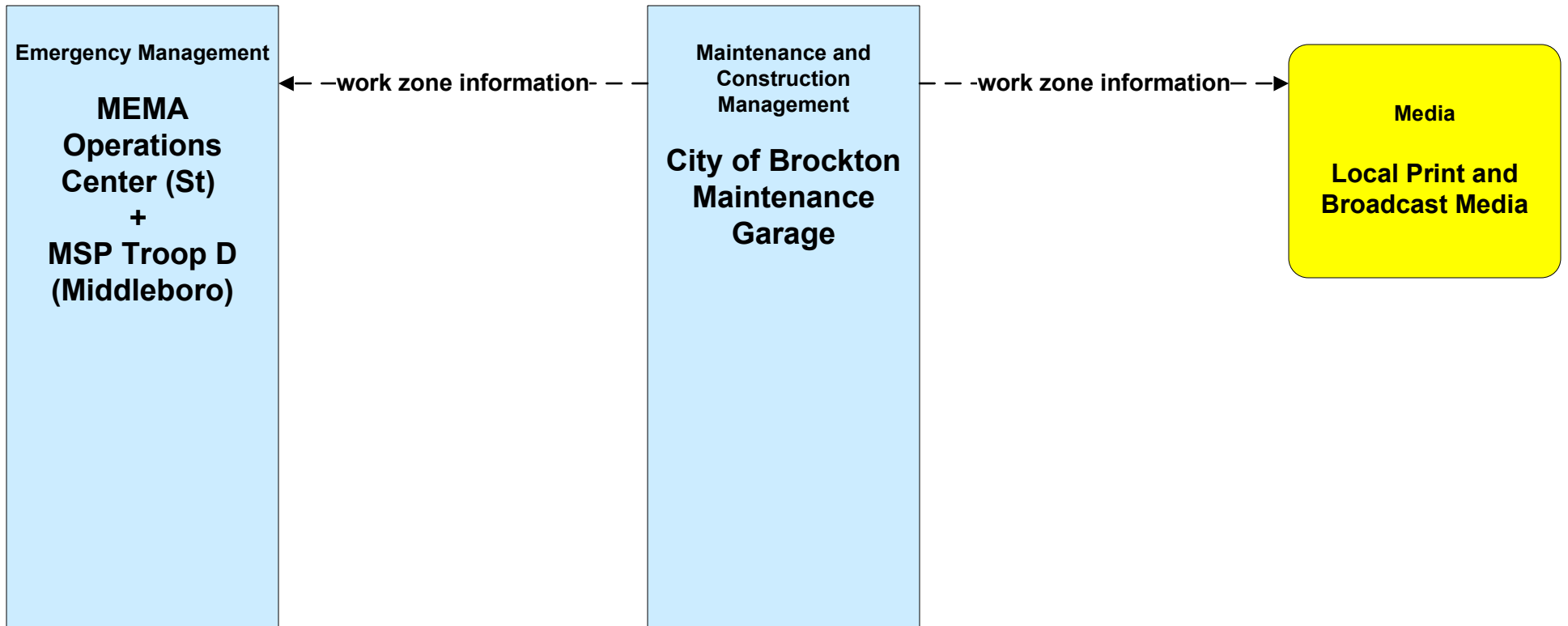
**MC08 - Workzone Management  
Town of Plymouth (2 of 2)**



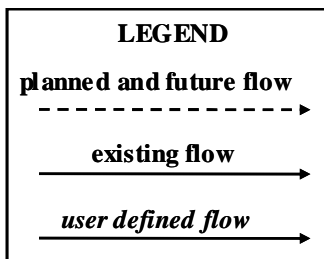
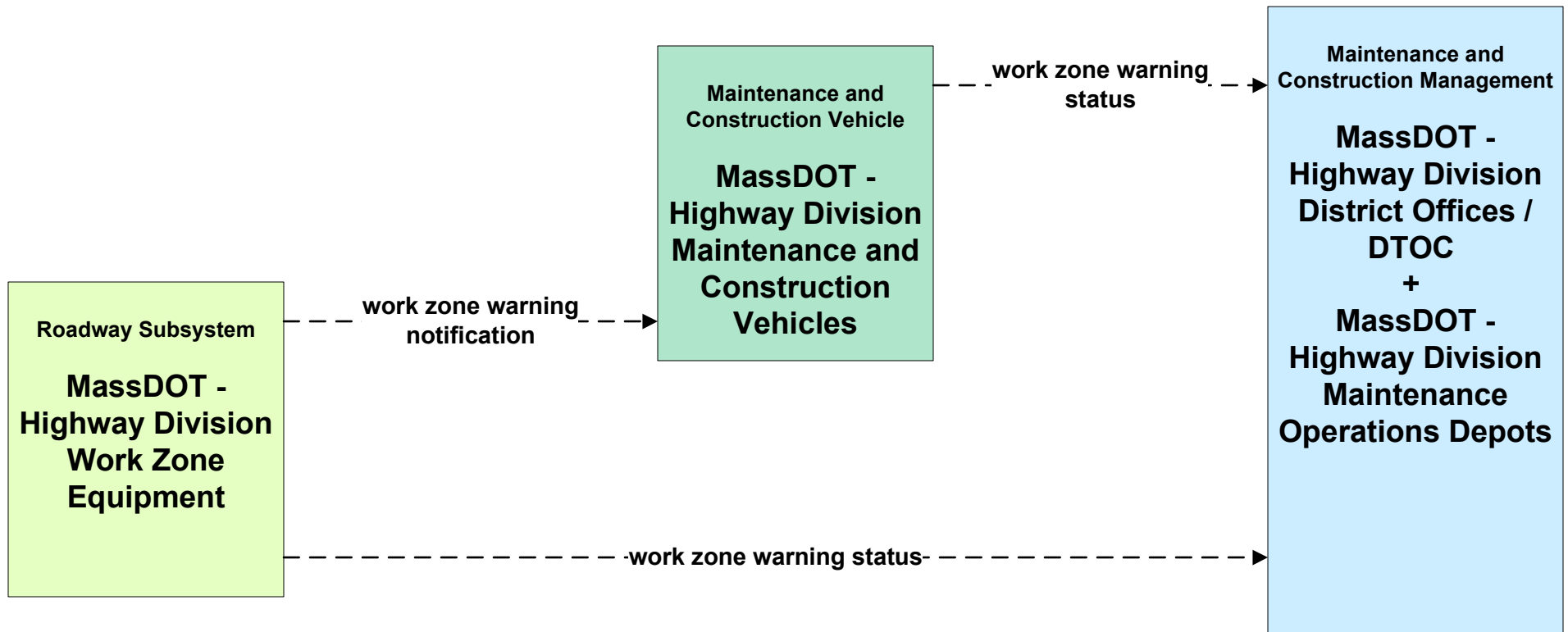
**MC08 - Workzone Management  
City of Brockton (1 of 2)**



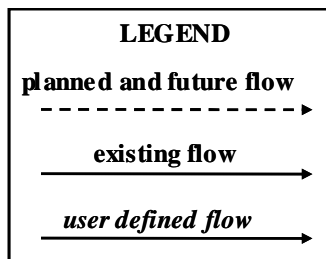
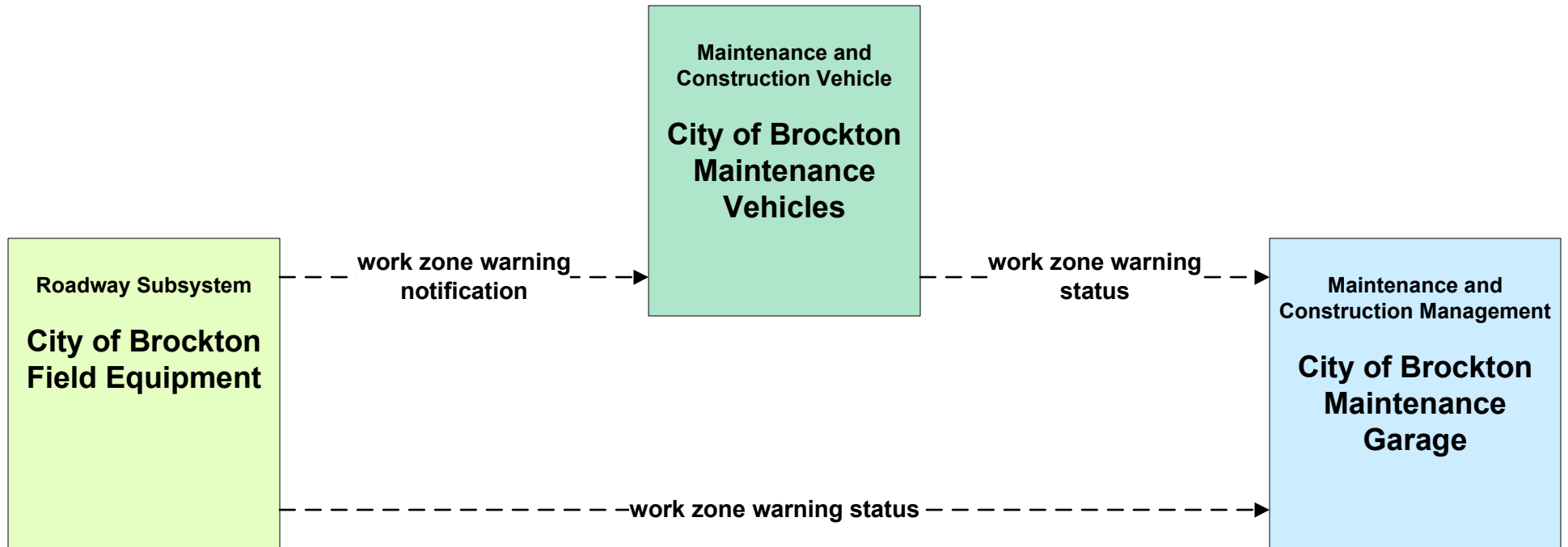
**MC08 - Workzone Management  
City of Brockton (2 of 2)**



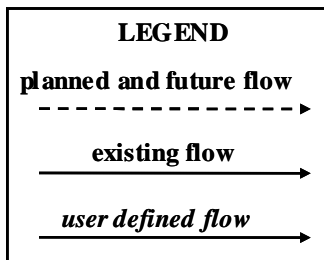
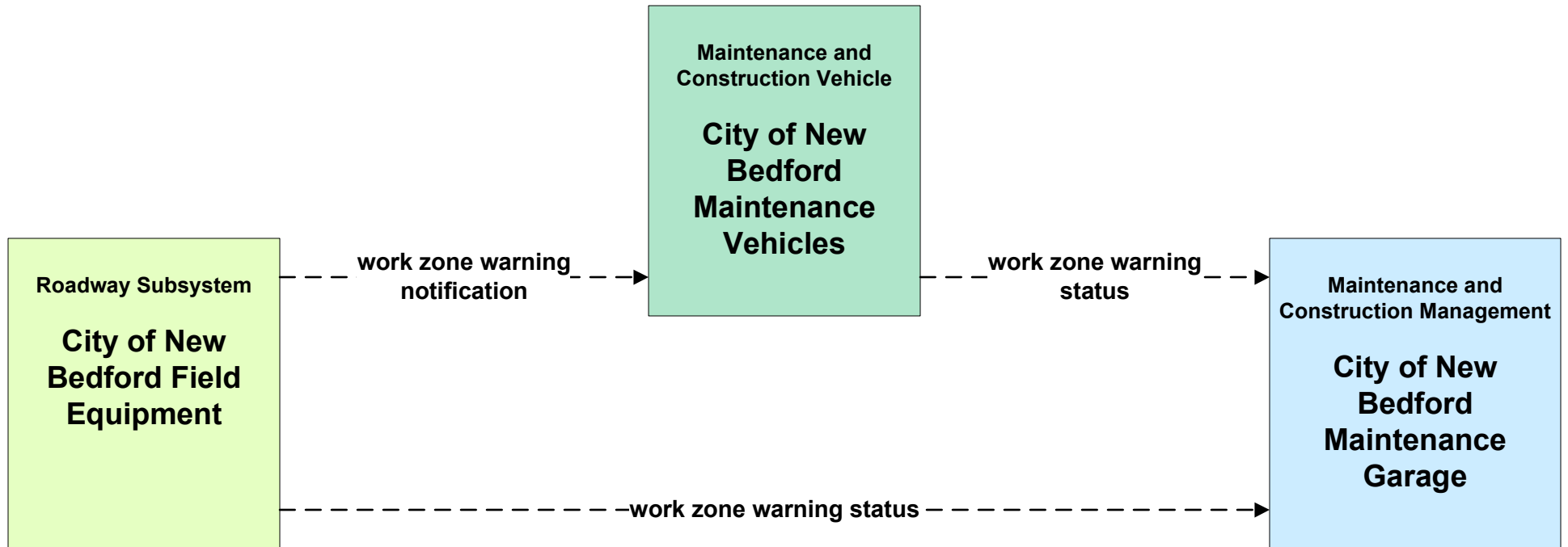
**MC09 - Workzone Safety Monitoring  
MassDOT – Highway Division**



**MC09 - Workzone Safety Monitoring  
City of Brockton**

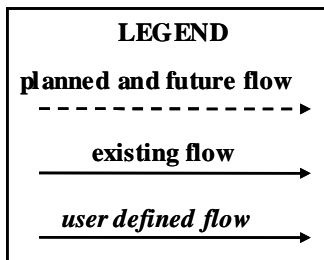
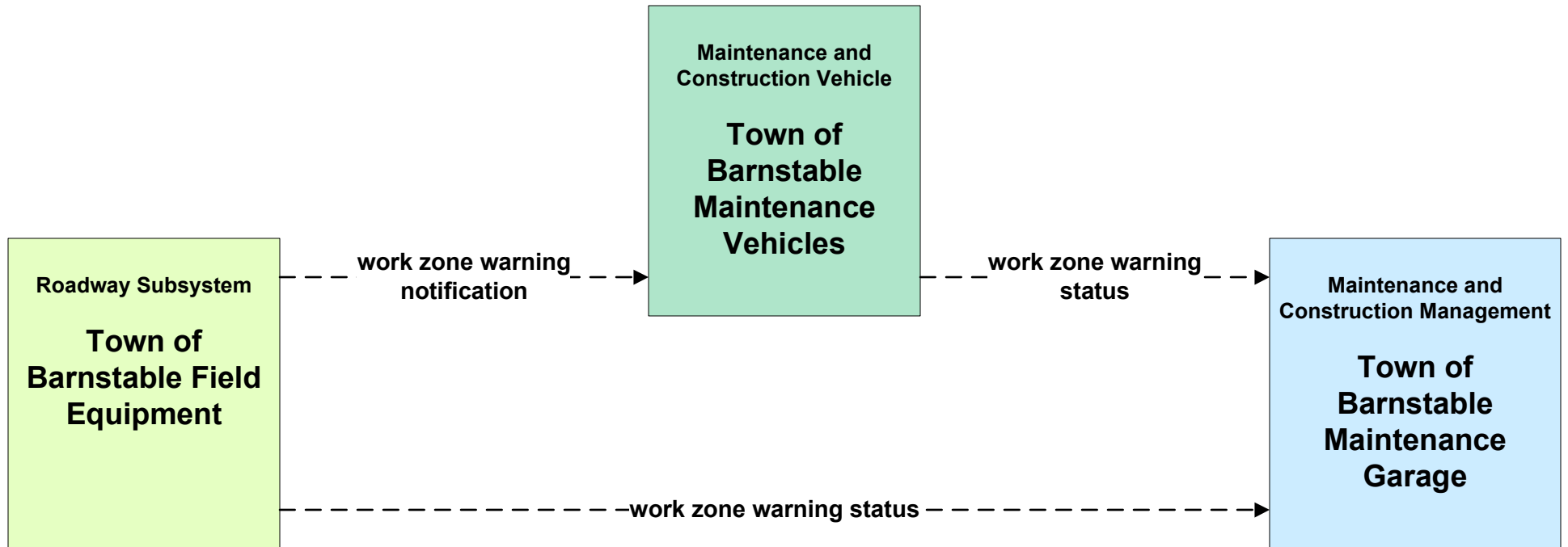


**MC09 - Workzone Safety Monitoring  
City of New Bedford**

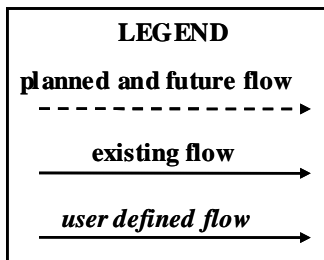
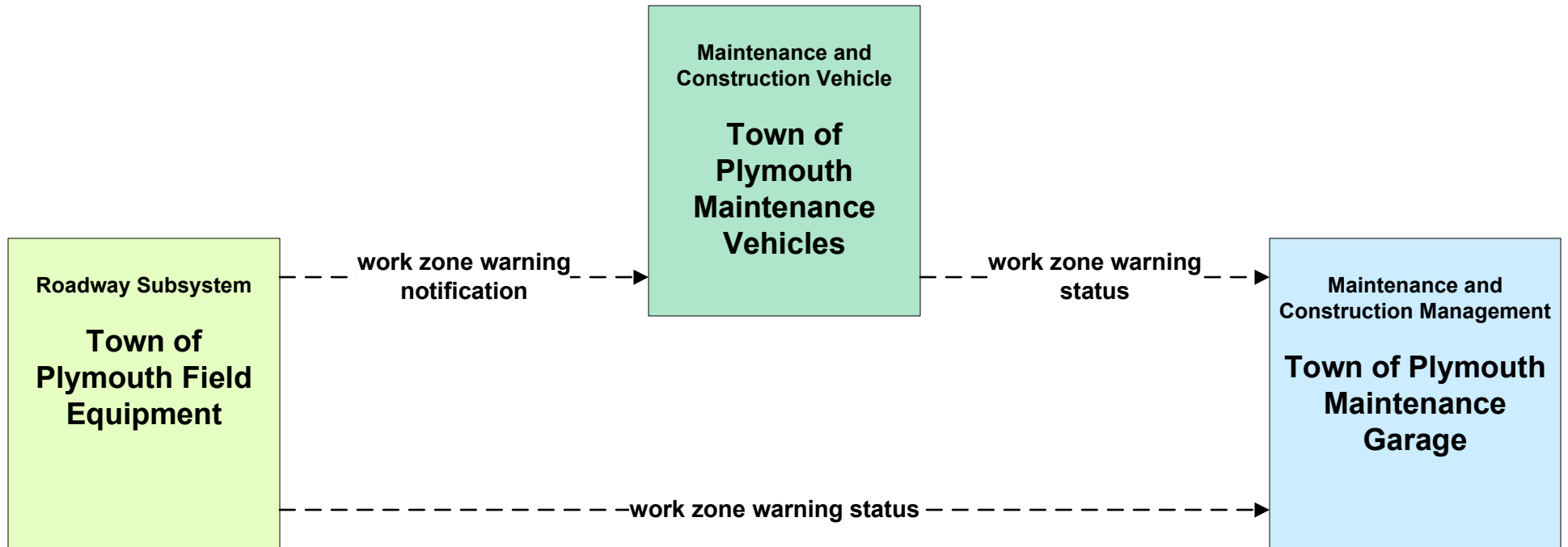




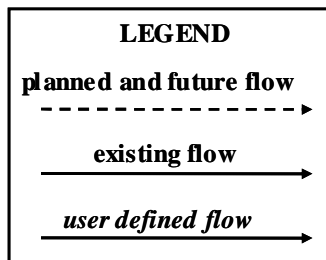
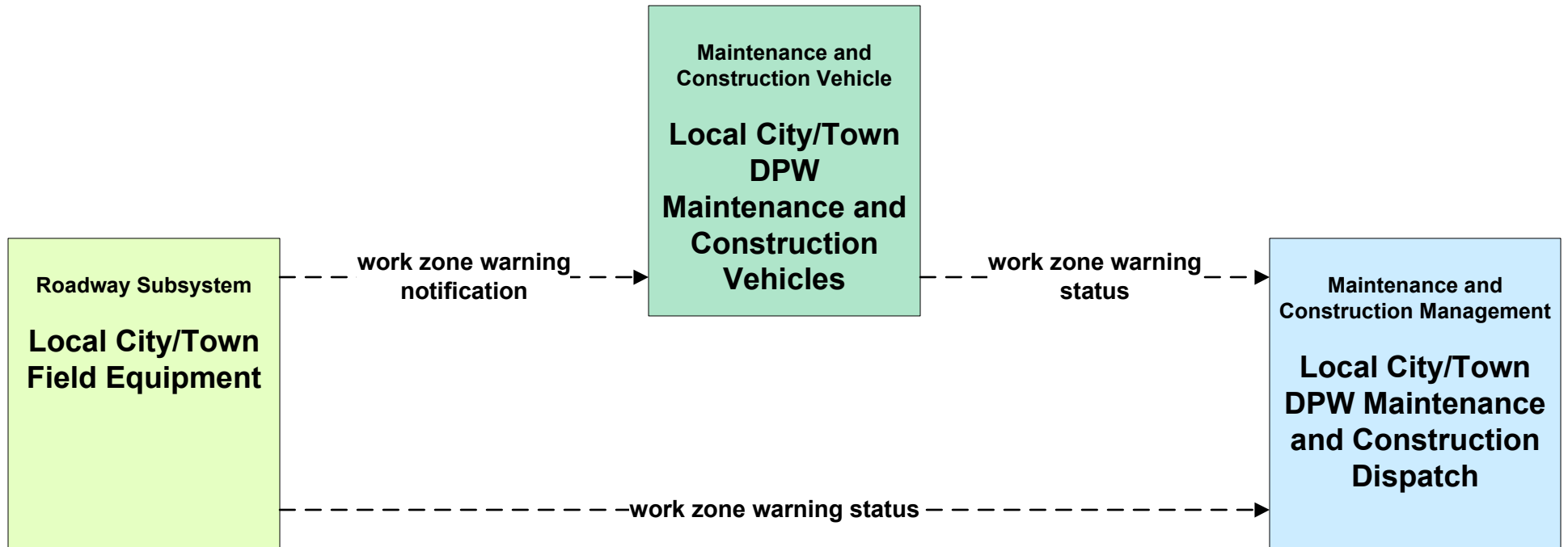
**MC09 - Workzone Safety Monitoring  
Town of Barnstable**



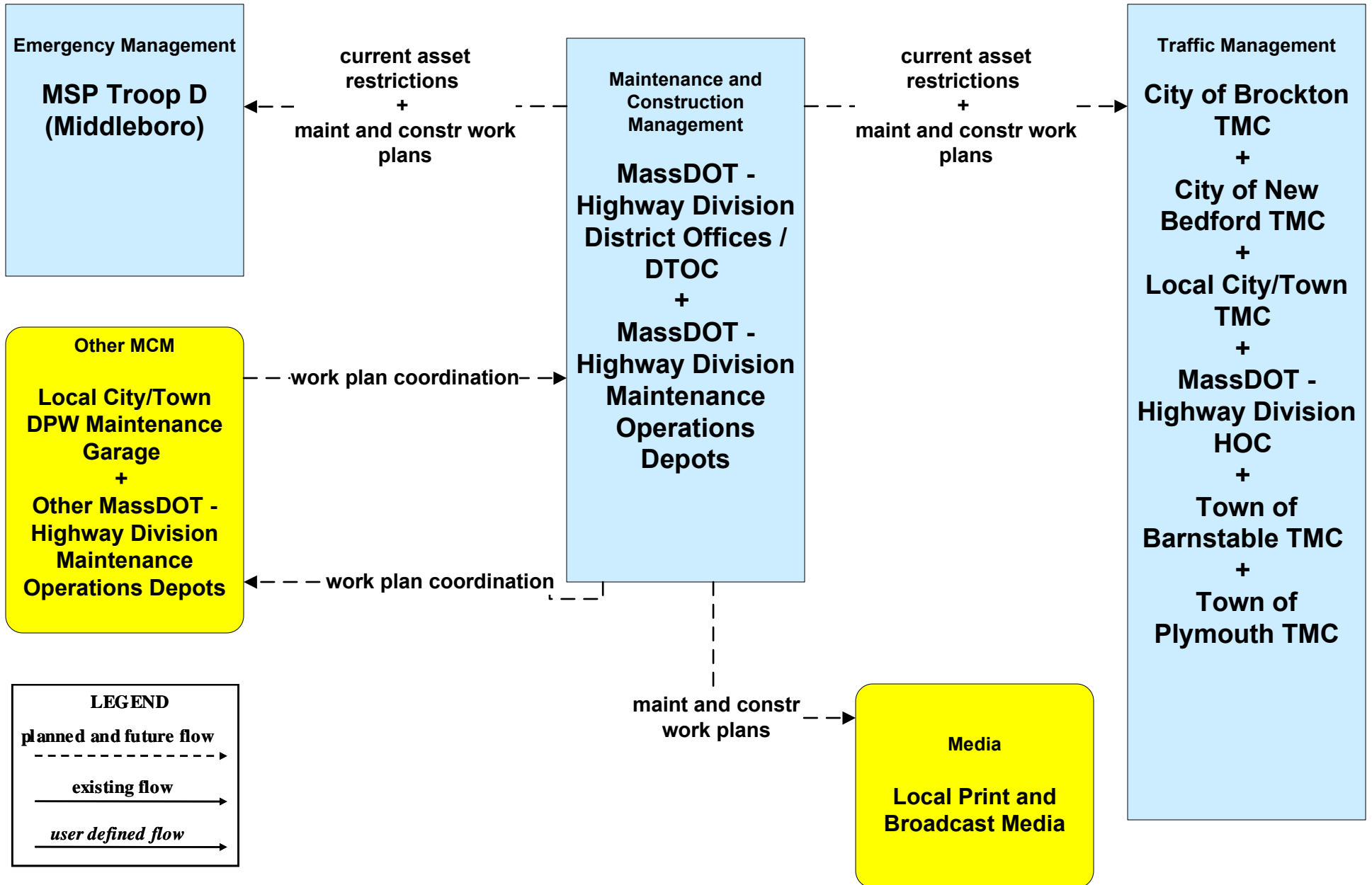
**MC09 - Workzone Safety Monitoring  
Town of Plymouth**



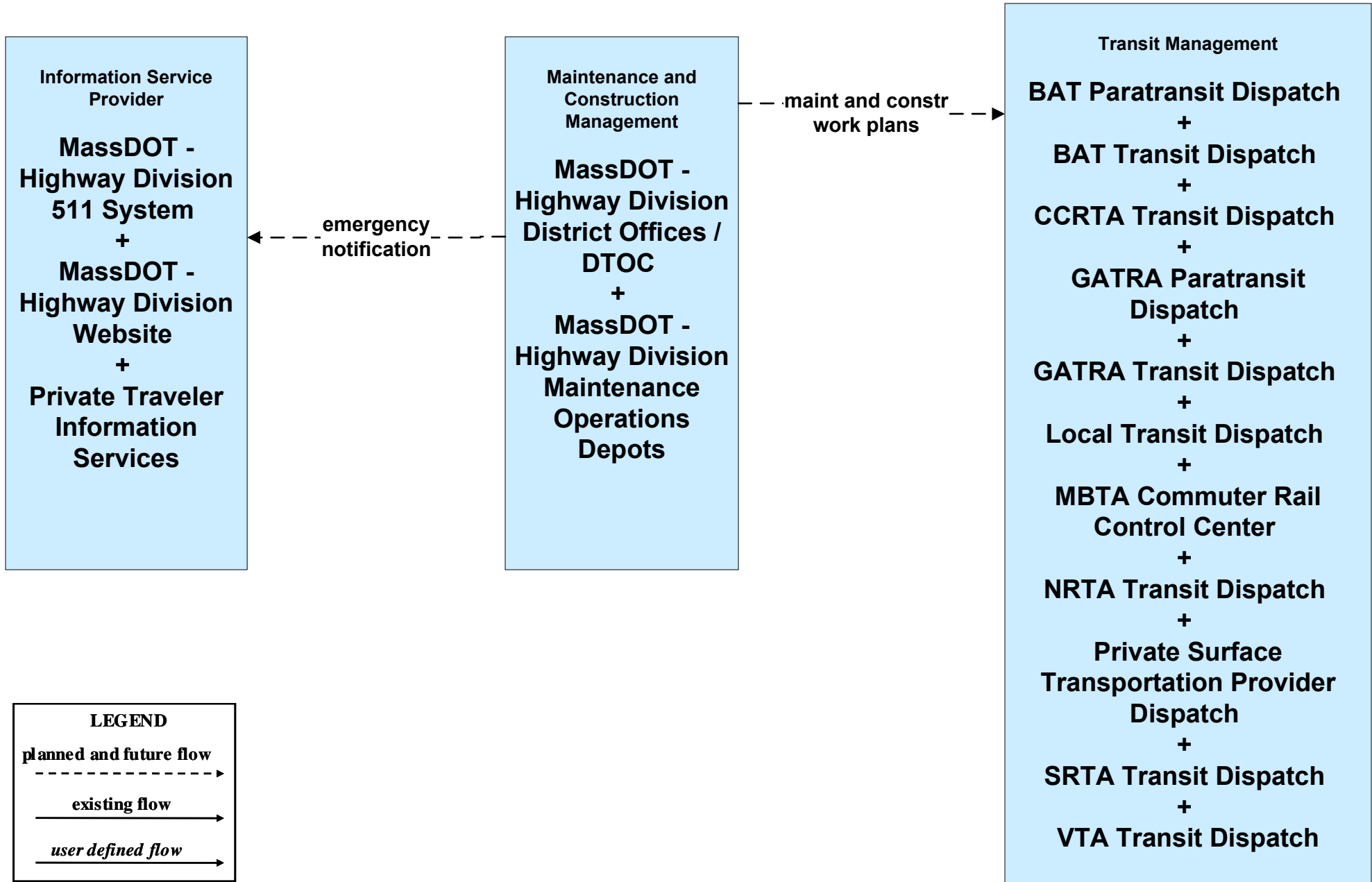
**MC09 - Workzone Safety Monitoring  
Local City/Town**



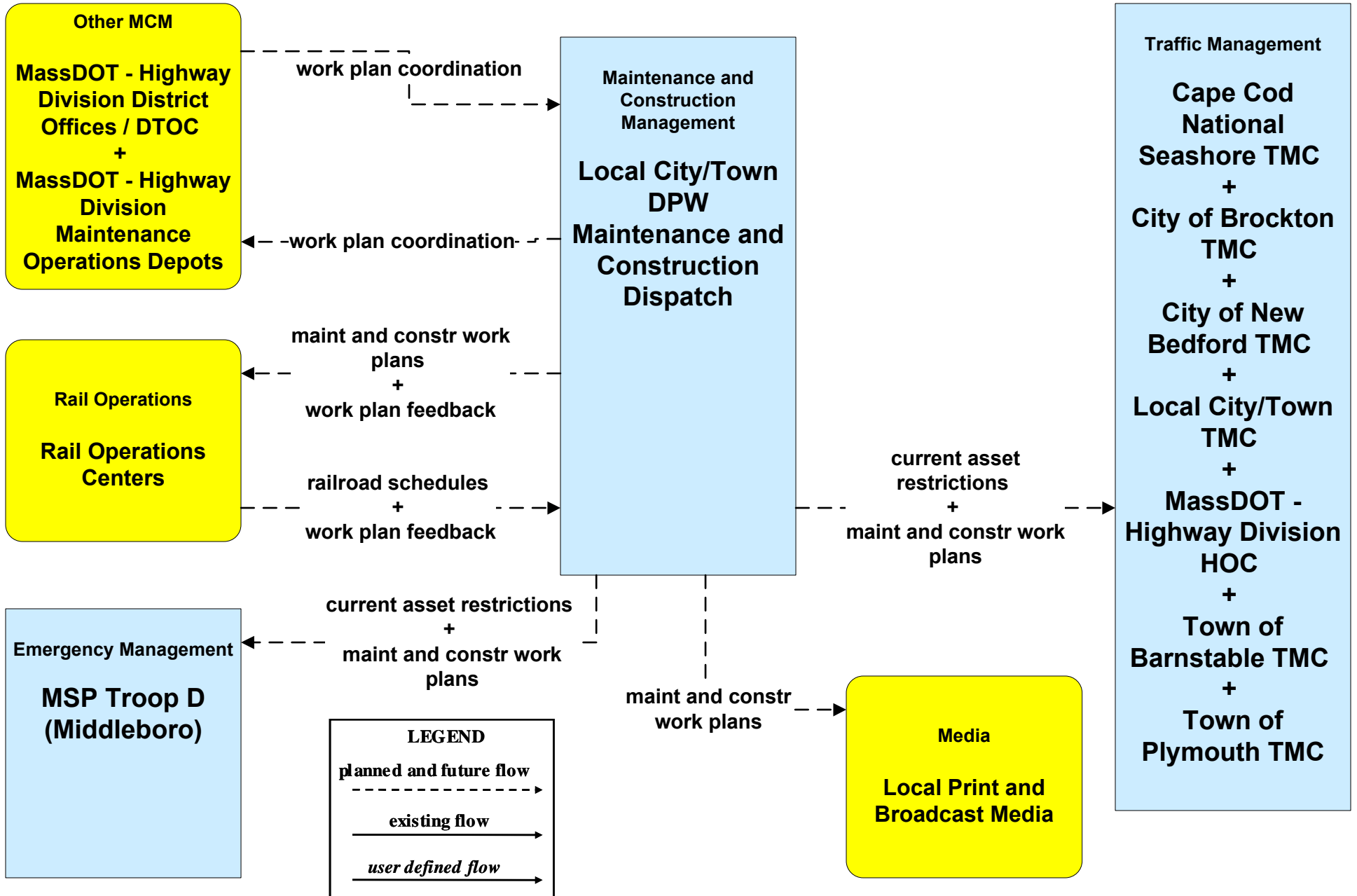
**MC10 - Maintenance and Construction Activity Coordination  
MassDOT - Highway Division (1 of 2)**



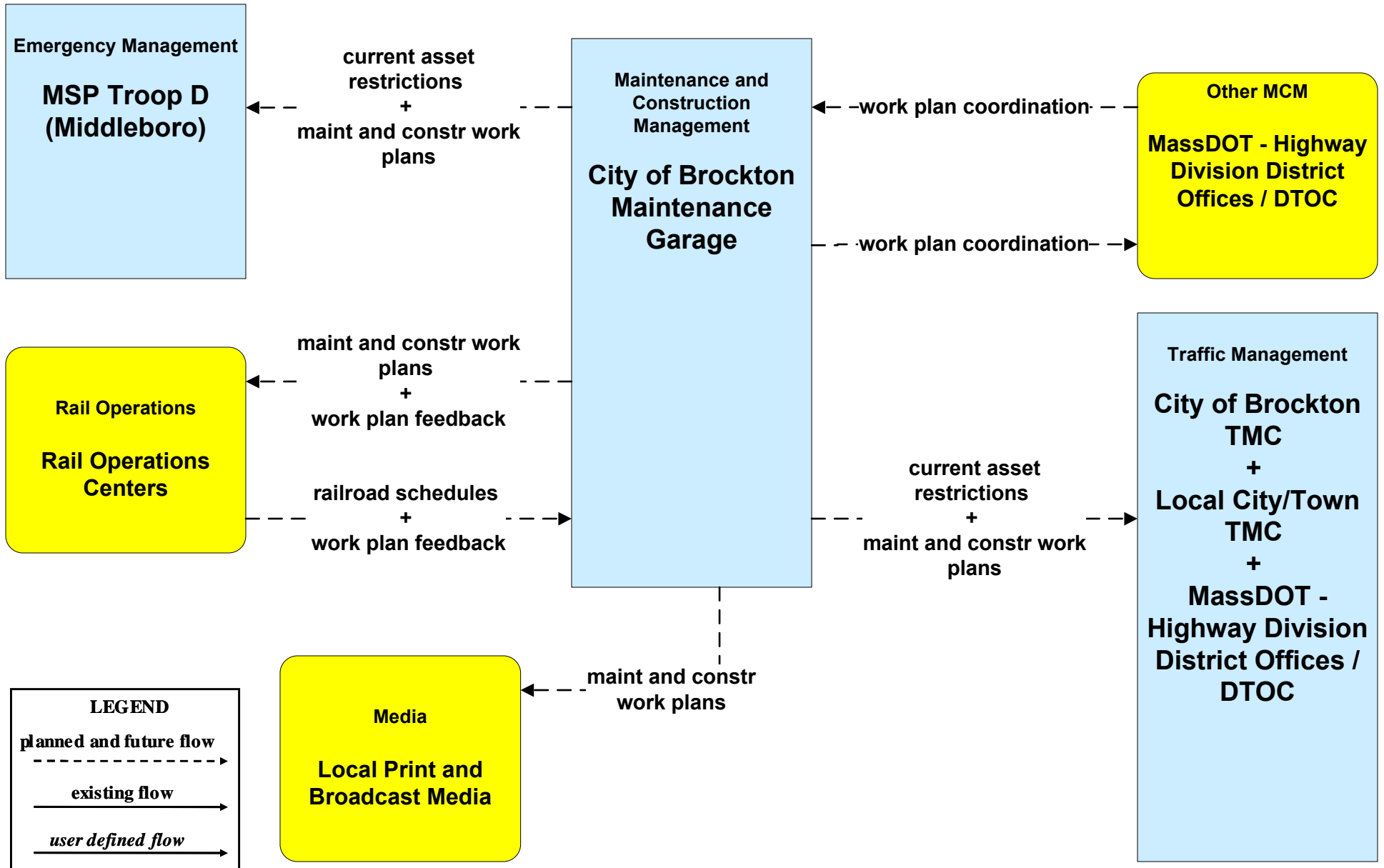
**MC10 - Maintenance and Construction Activity Coordination  
MassDOT - Highway Division (2 of 2)**



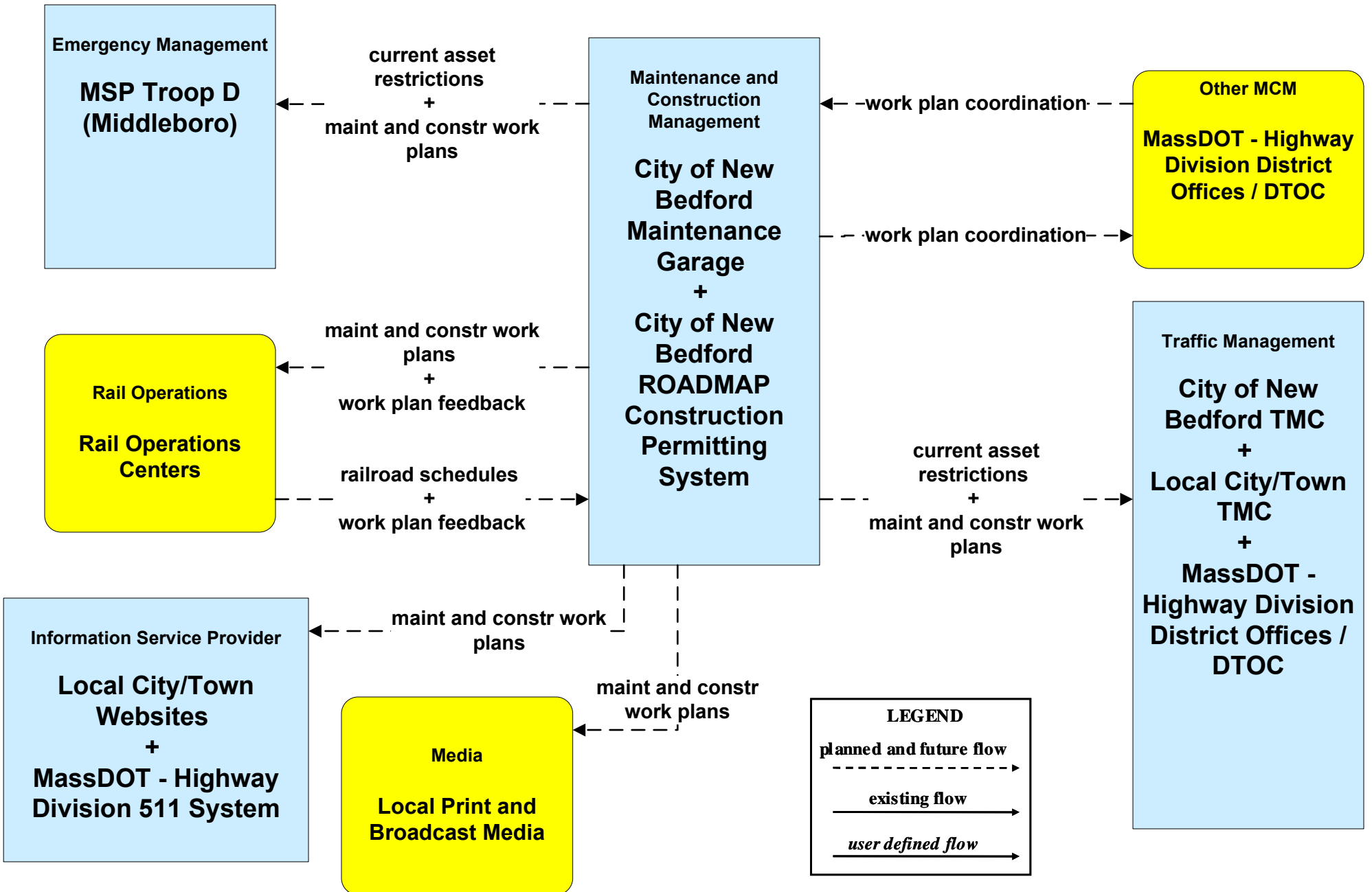
# MC10 - Maintenance and Construction Activity Coordination Local City/Town



# MC10 - Maintenance and Construction Activity Coordination City of Brockton

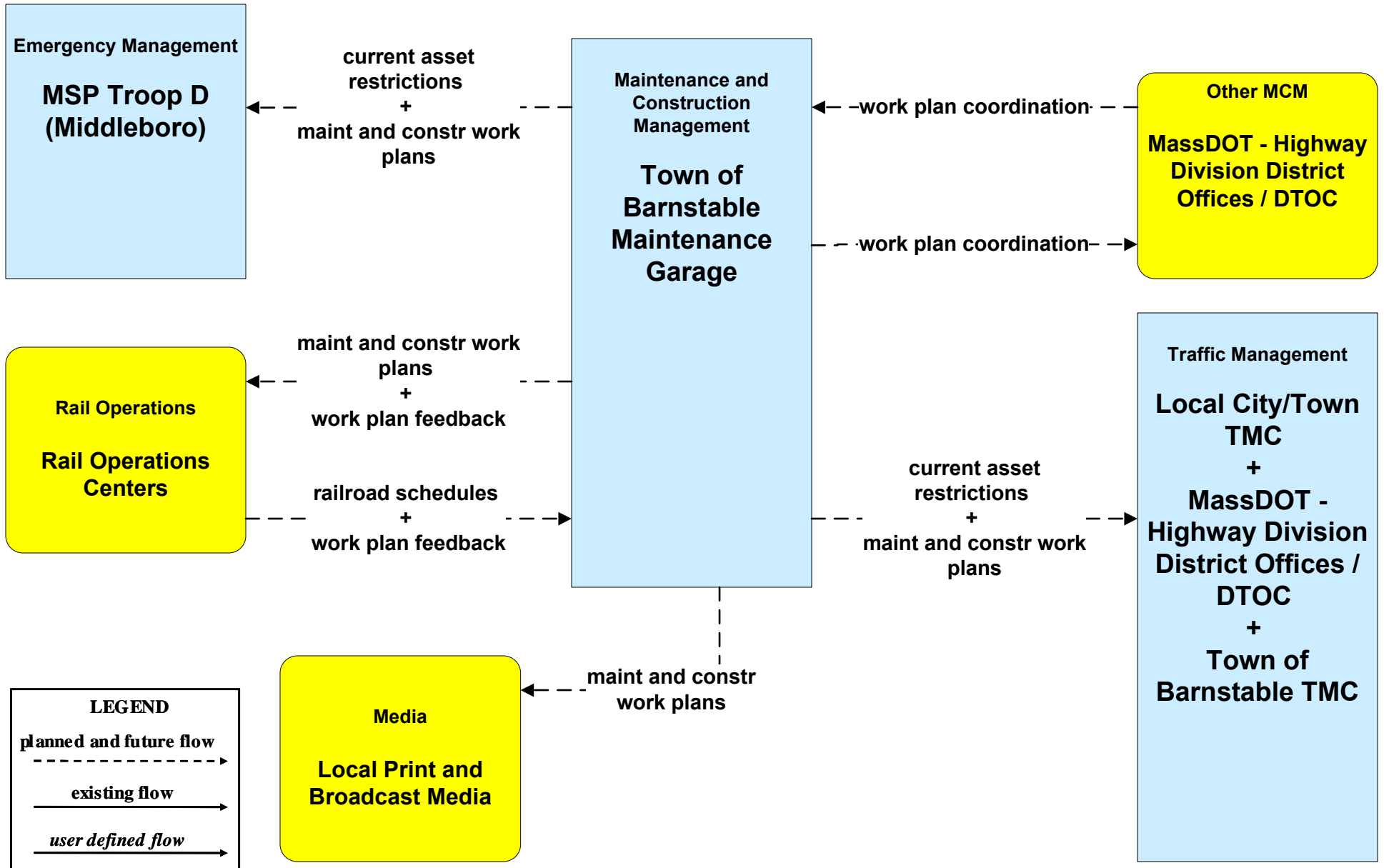


**MC10 - Maintenance and Construction Activity Coordination  
City of New Bedford**

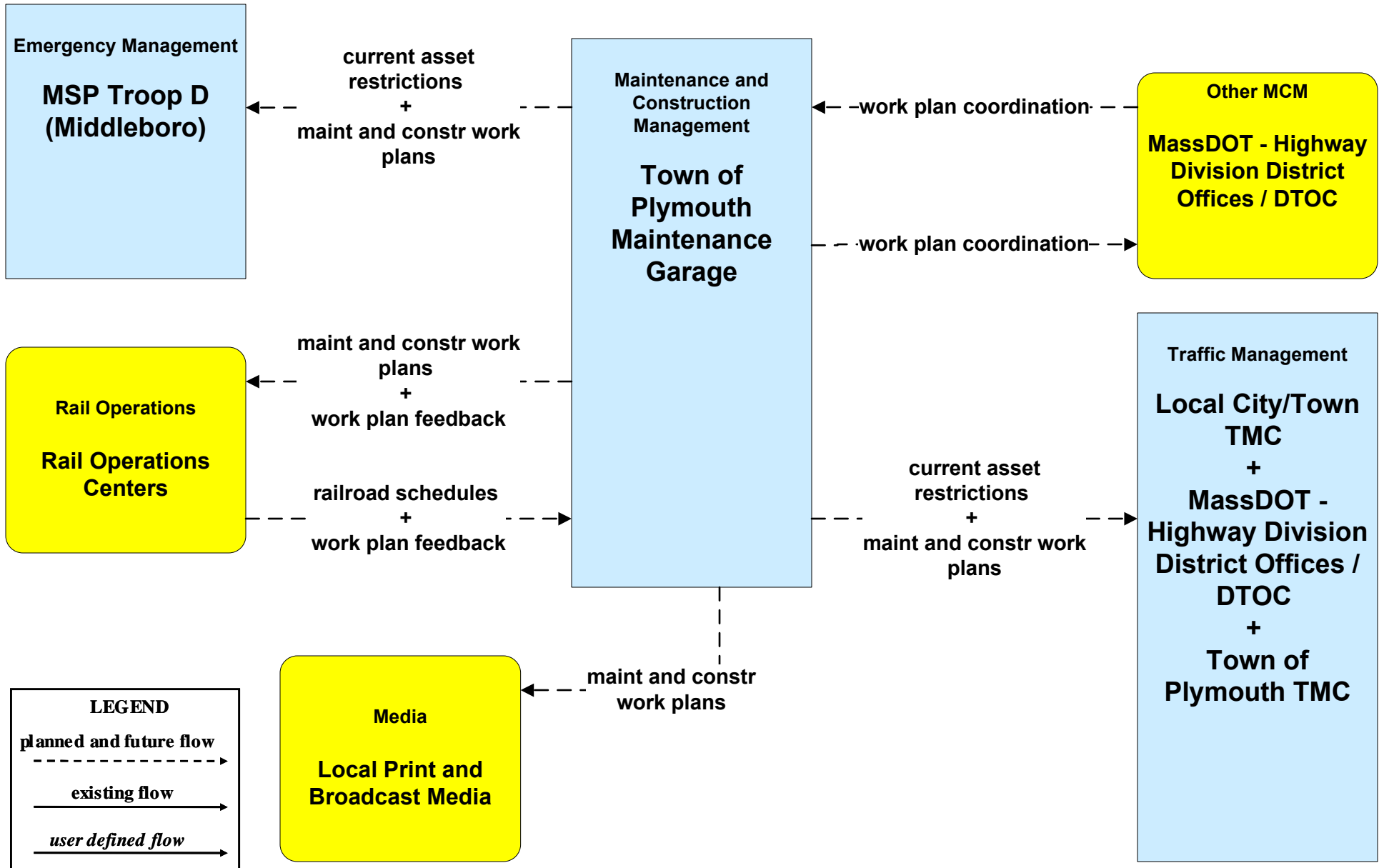




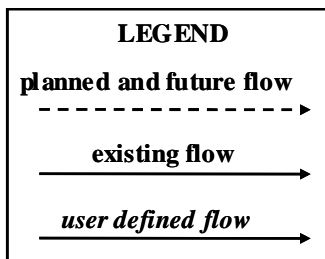
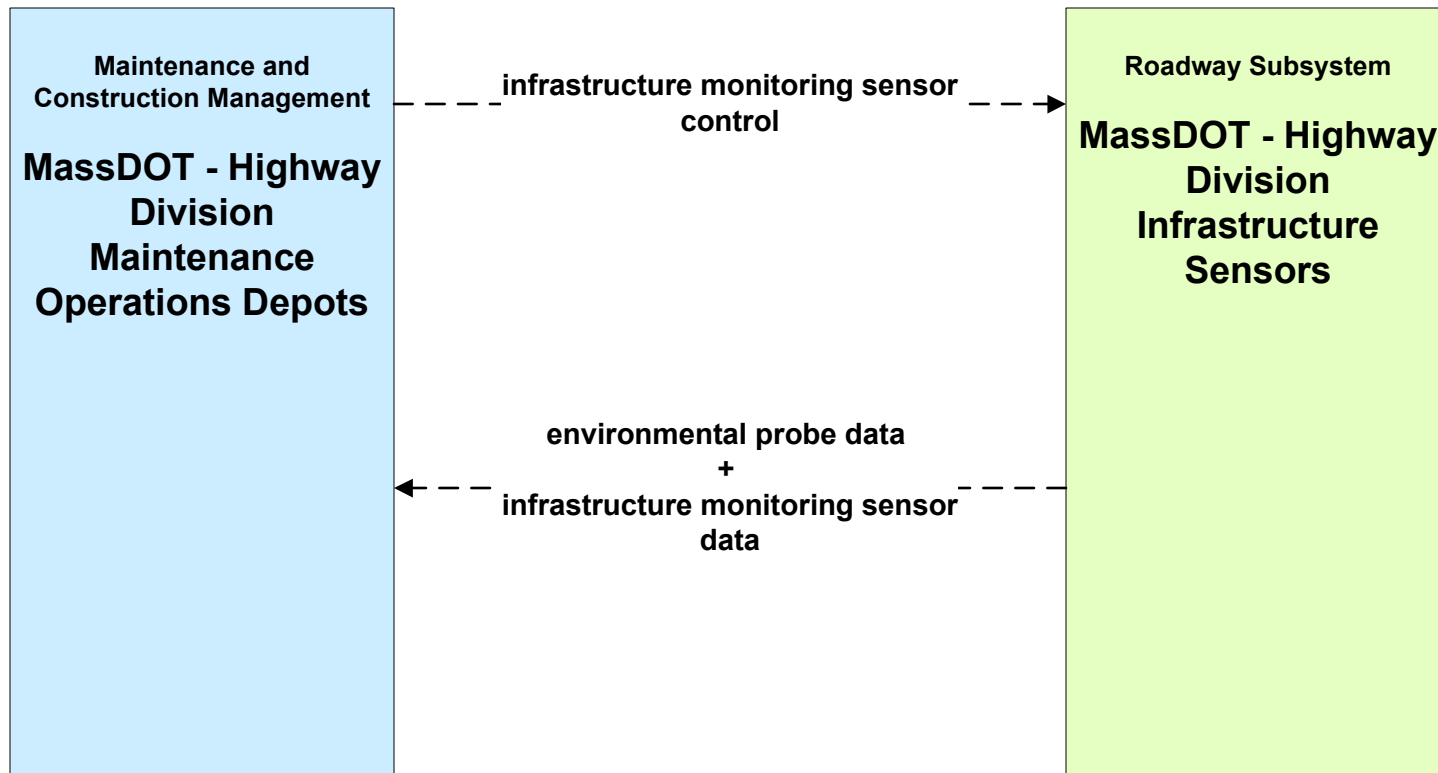
**MC10 - Maintenance and Construction Activity Coordination  
Town of Barnstable**



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



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



# MC12 – Infrastructure Monitoring Local City/Town

