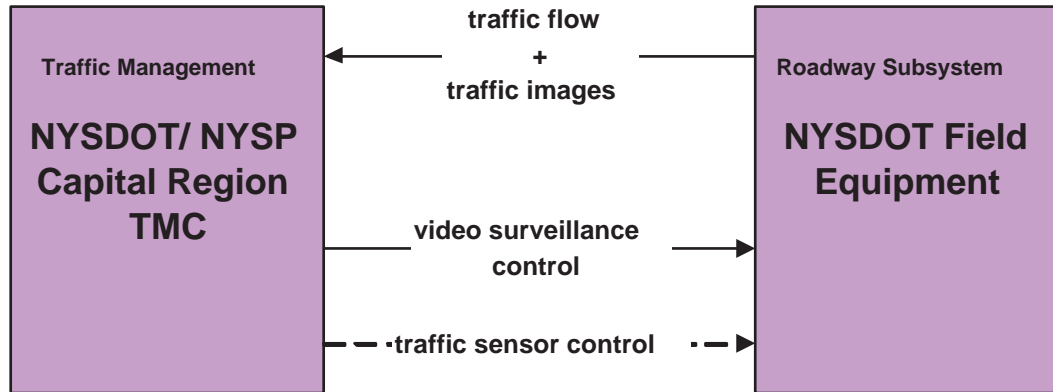


New York Capital District Regional ITS Architecture

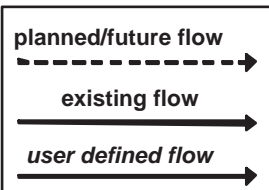
Customized Market Package Diagrams

**Advanced Traffic Management Systems
(ATMS)**

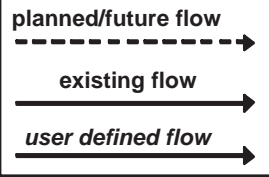
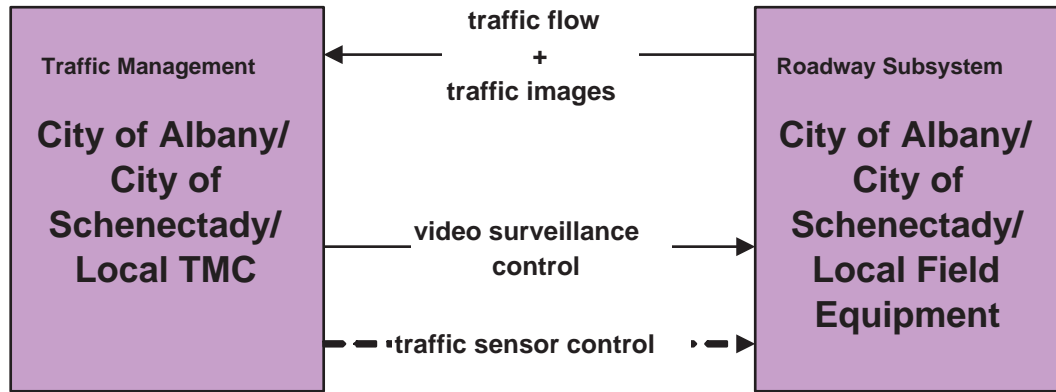
**ATMS01 - Network Surveillance
NYSDOT Capital Region TMC**



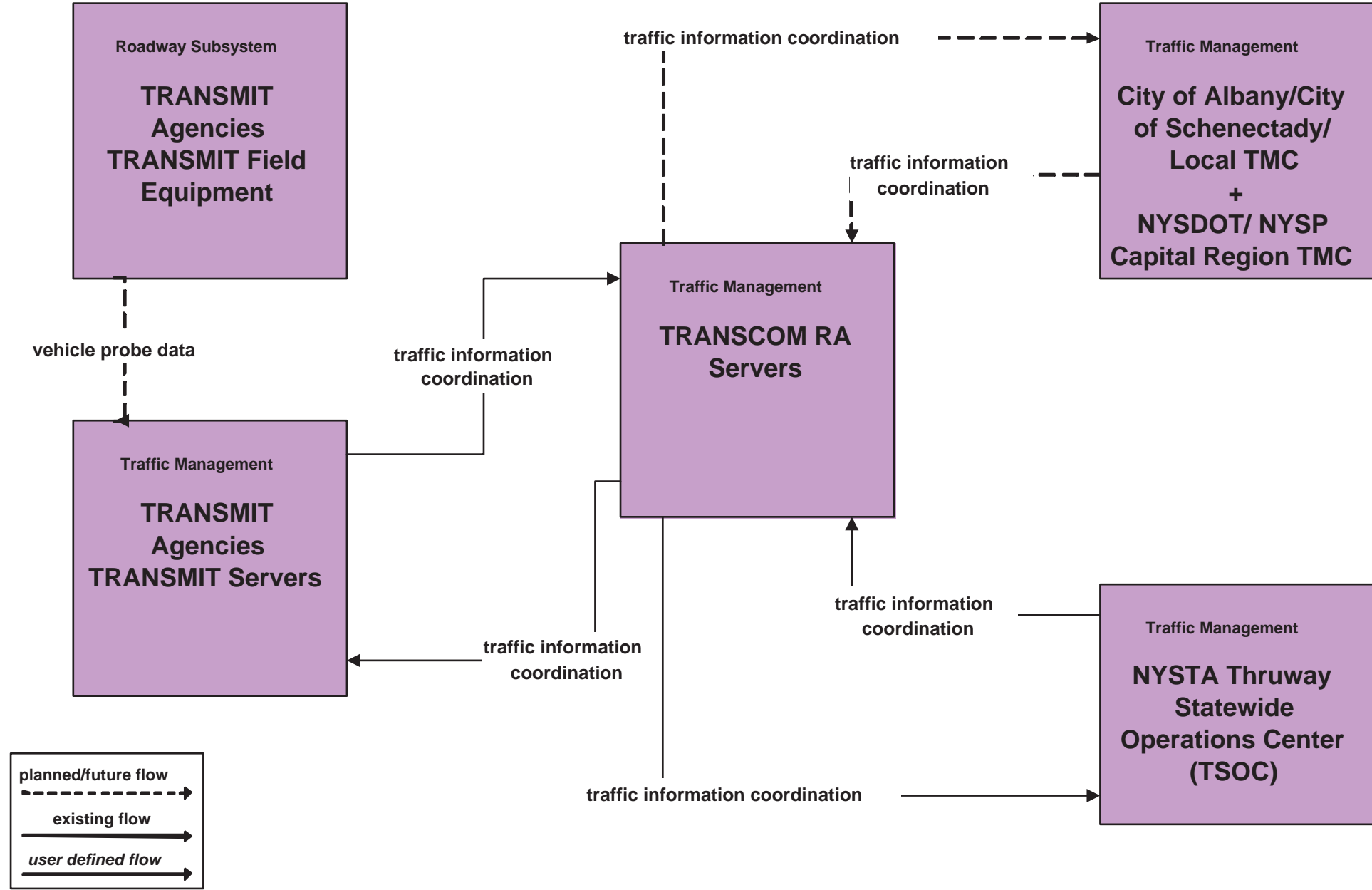
NYSTA is covered in the Statewide Services architecture



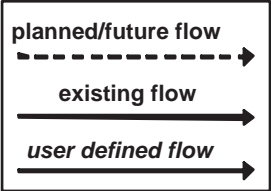
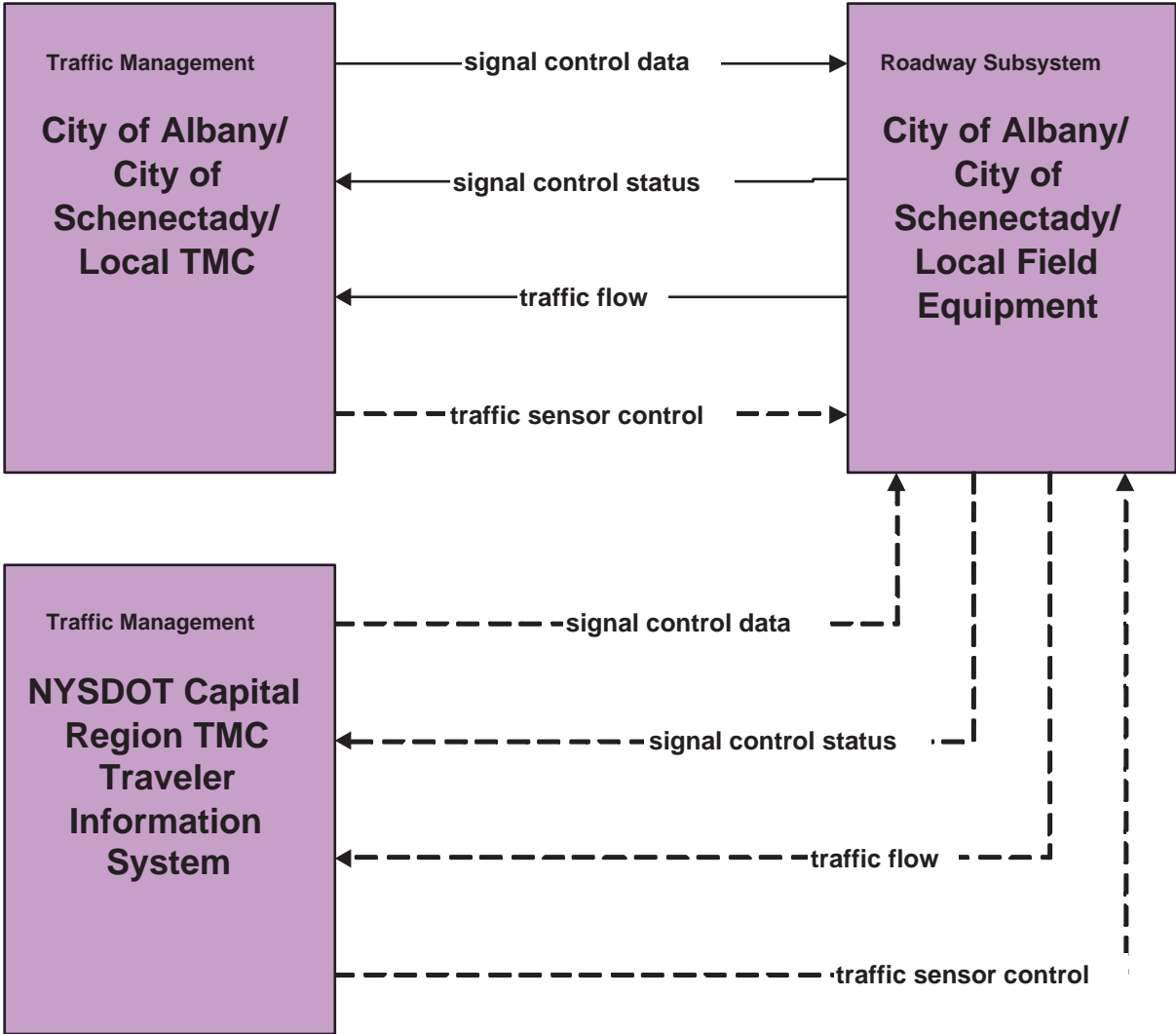
ATMS01 - Network Surveillance
City of Albany/City of Schenectady/Local TMC



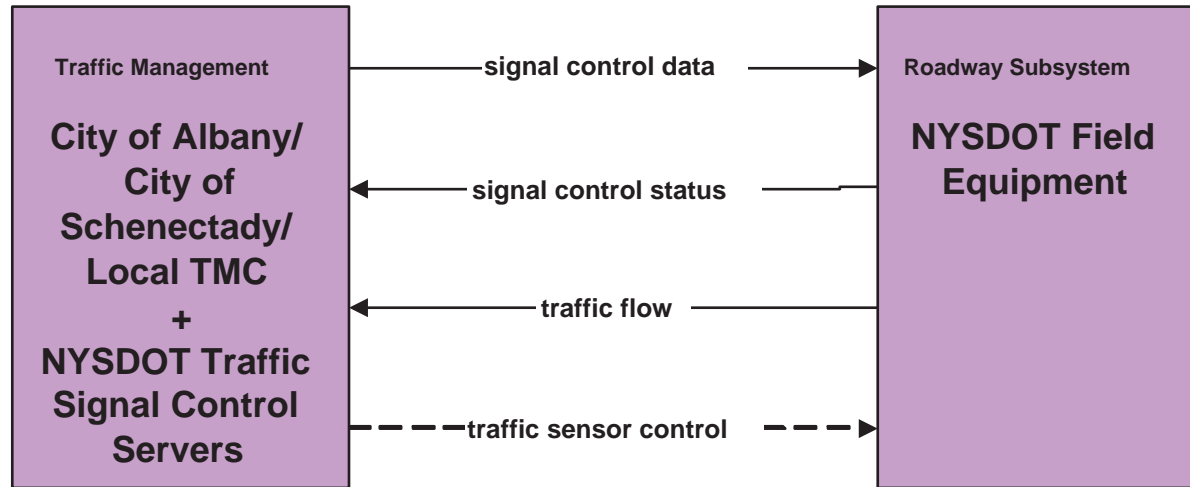
**ATMS02 - Probe Surveillance
TRANSMIT**



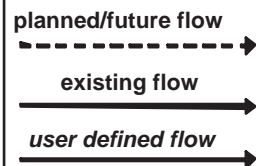
ATMS03 - Surface Street Control
City of Albany/City of Schenectady/Local TMC



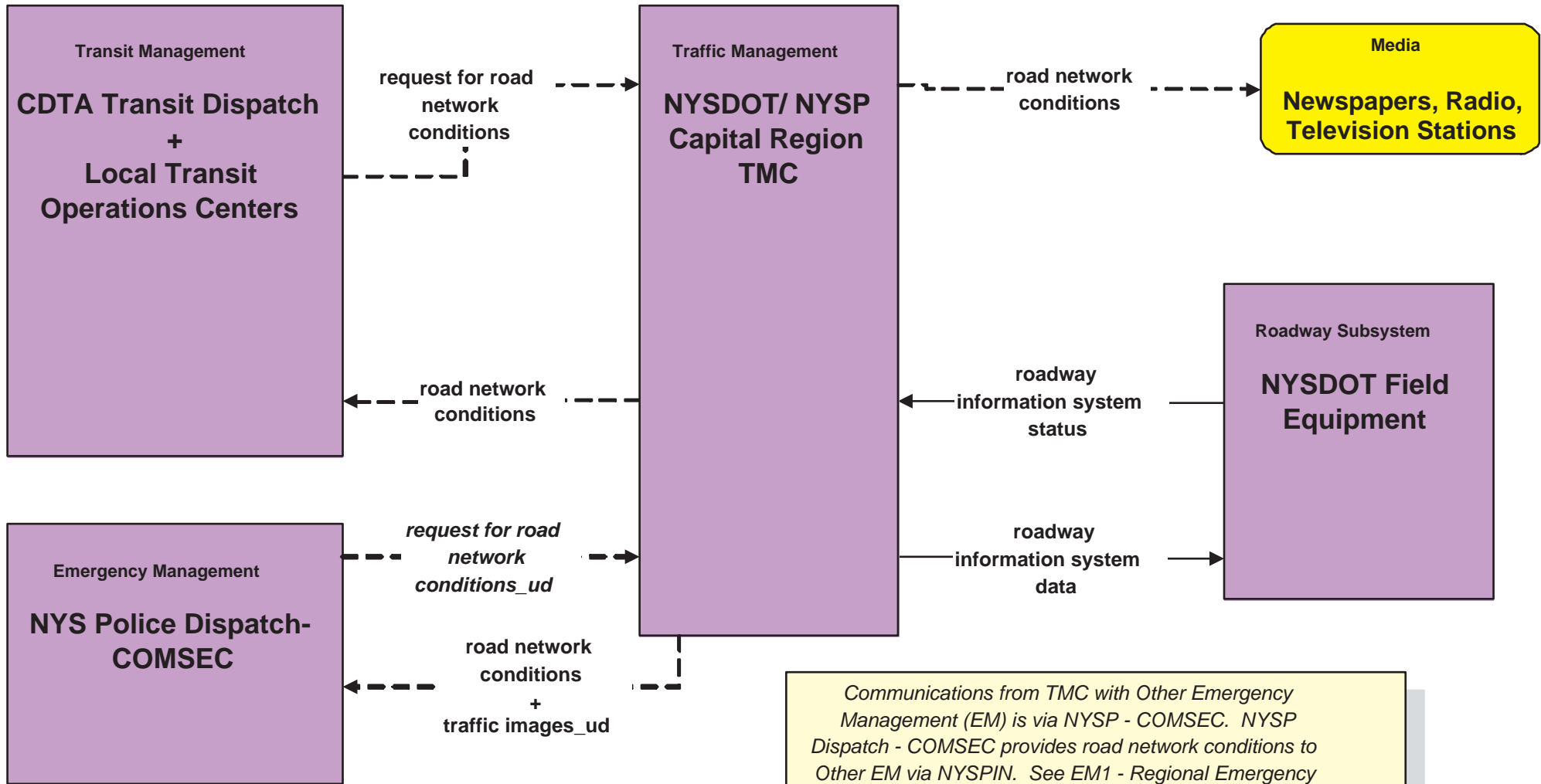
**ATMS03 - Surface Street Control
NYSDOT Traffic Signal Control Servers**



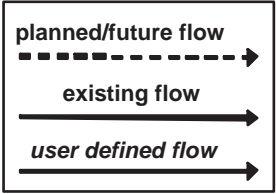
Operations in the NYSDOT/NYSP Capital Region TMC have access to the NYSDOT Traffic Signal Control Servers User Interface



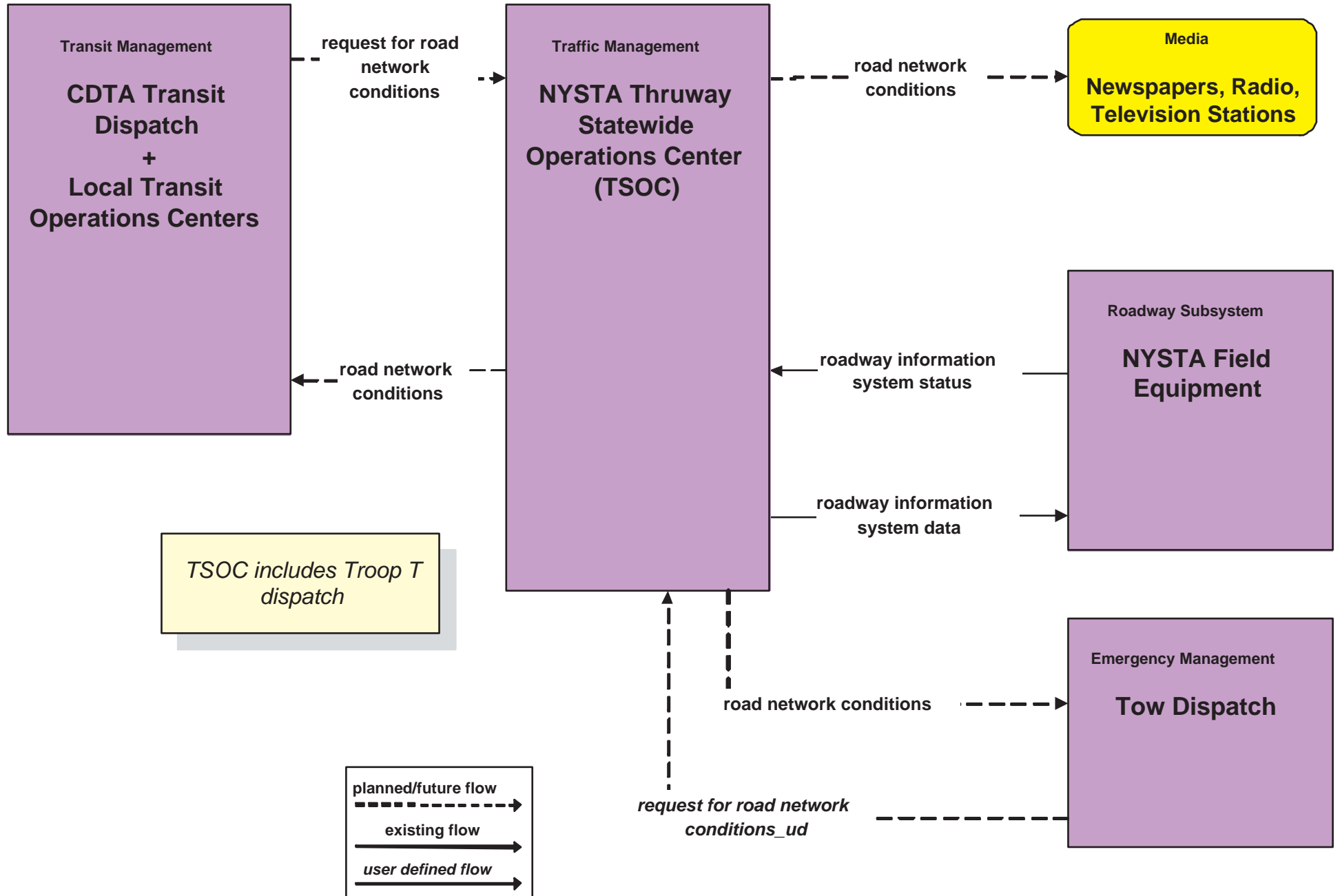
ATMS06 - Traffic Information Dissemination NYSDOT/NYSP Capital Region TMC



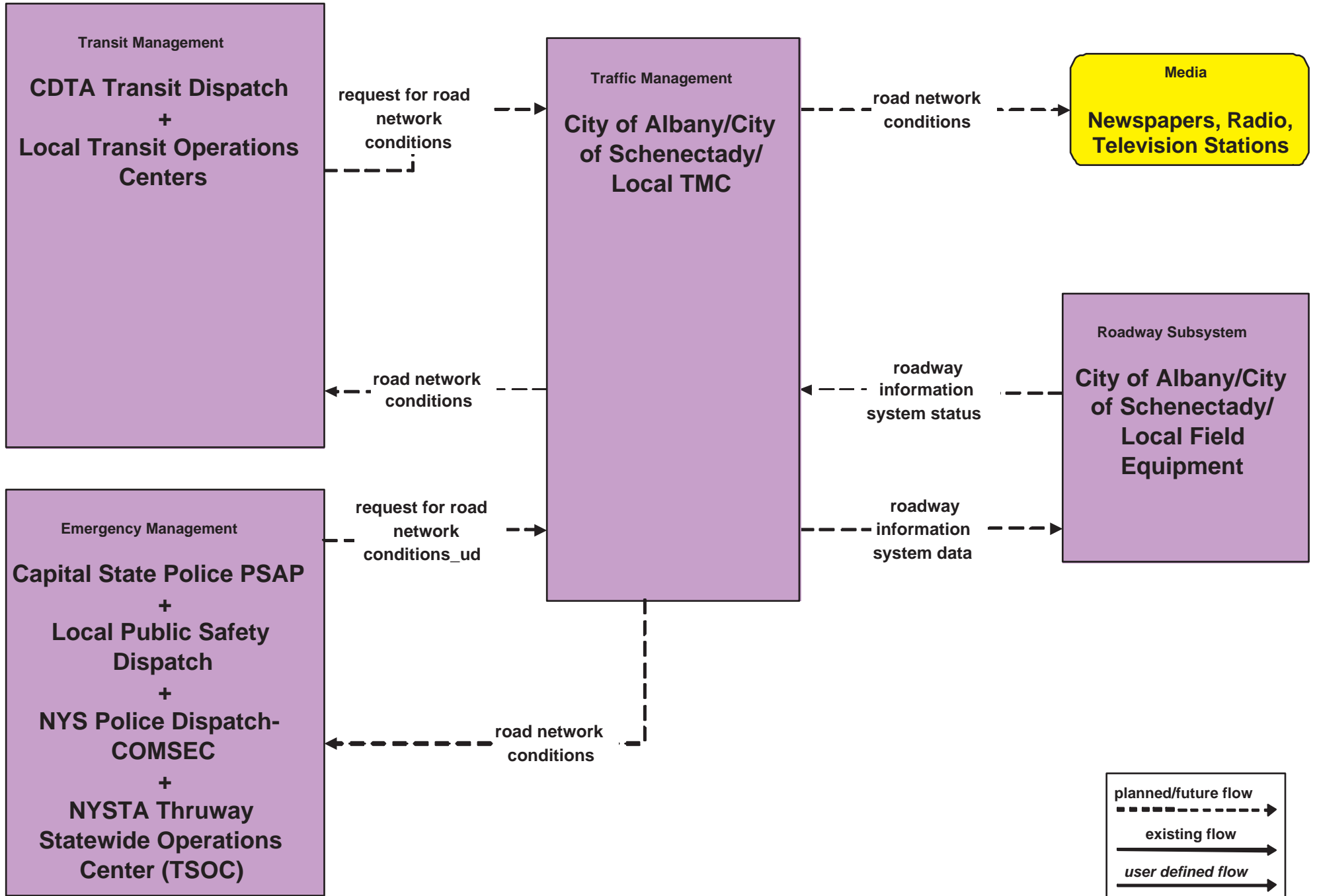
Communications from TMC with Other Emergency Management (EM) is via NYSP - COMSEC. NYSP Dispatch - COMSEC provides road network conditions to Other EM via NYSPIN. See EM1 - Regional Emergency Response and Mutual Aid Coordination Market Package.



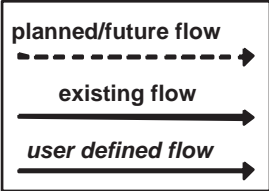
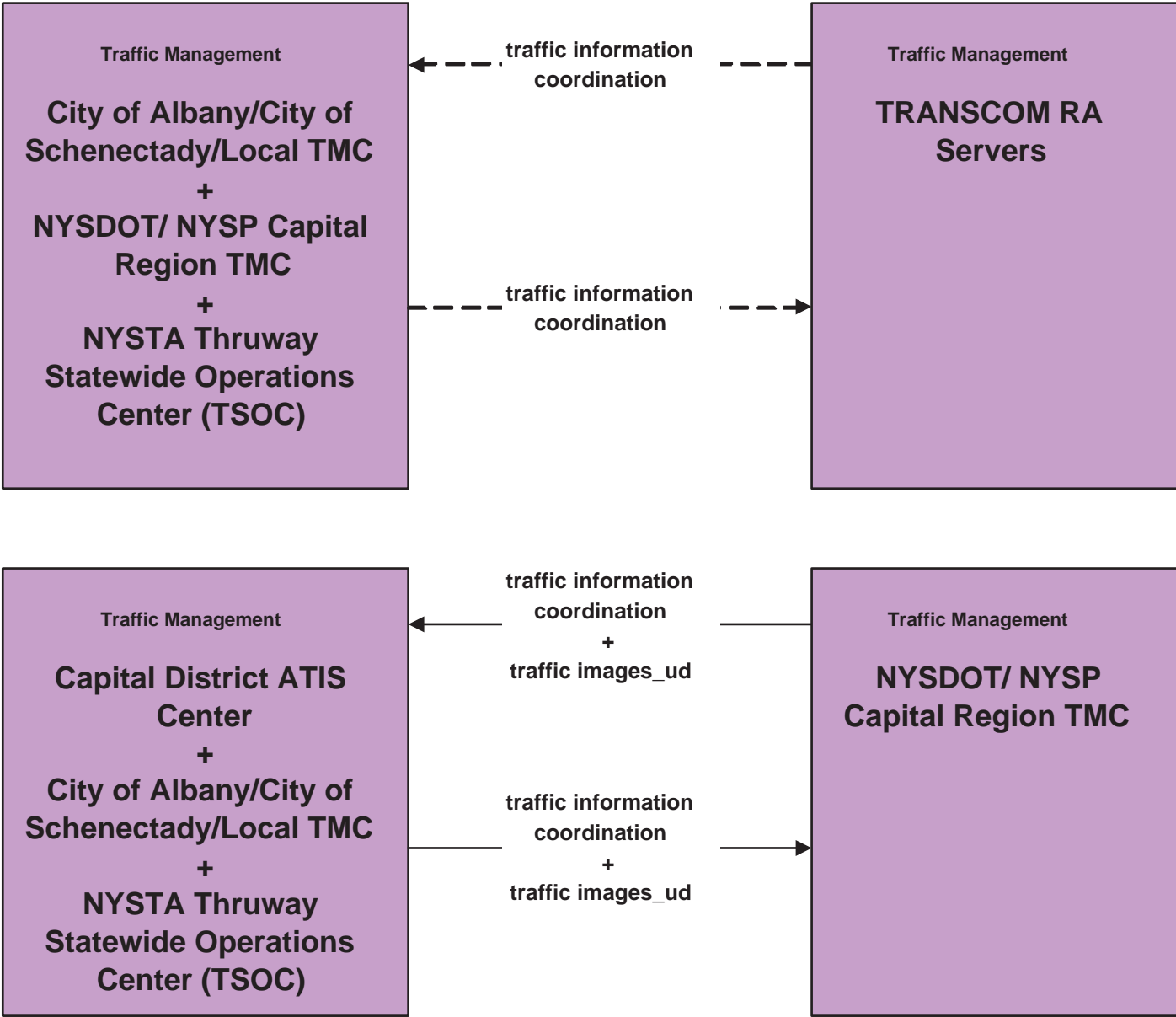
ATMS06 - Traffic Information Dissemination NYSTA TSOC



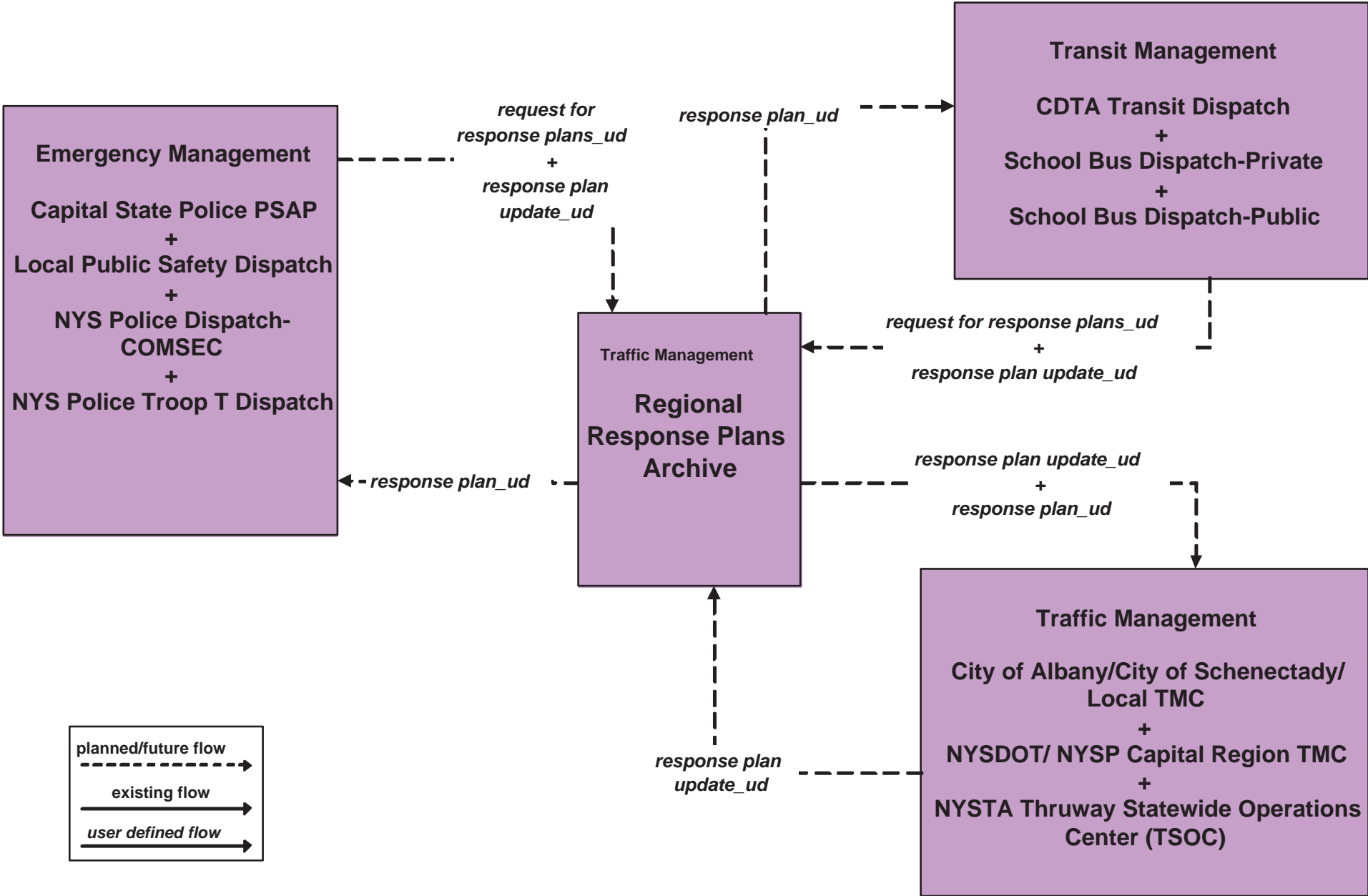
**ATMS06 - Traffic Information Dissemination
City of Albany/City of Schenectady/Local TMC**



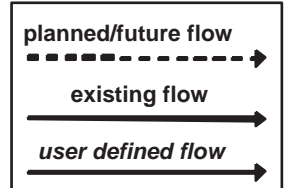
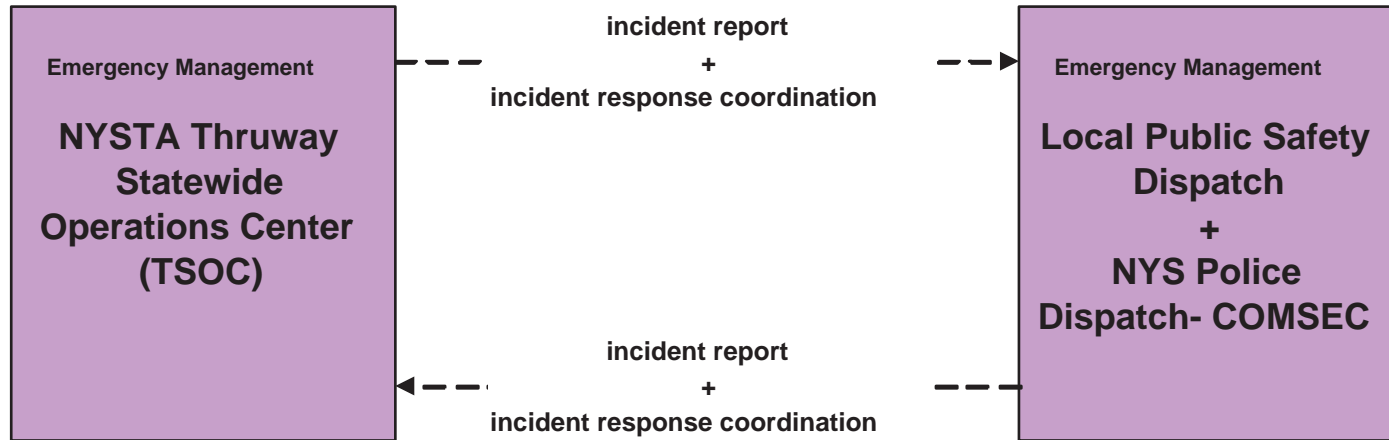
ATMS07 - Regional Traffic Control



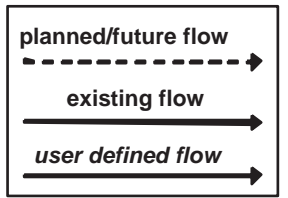
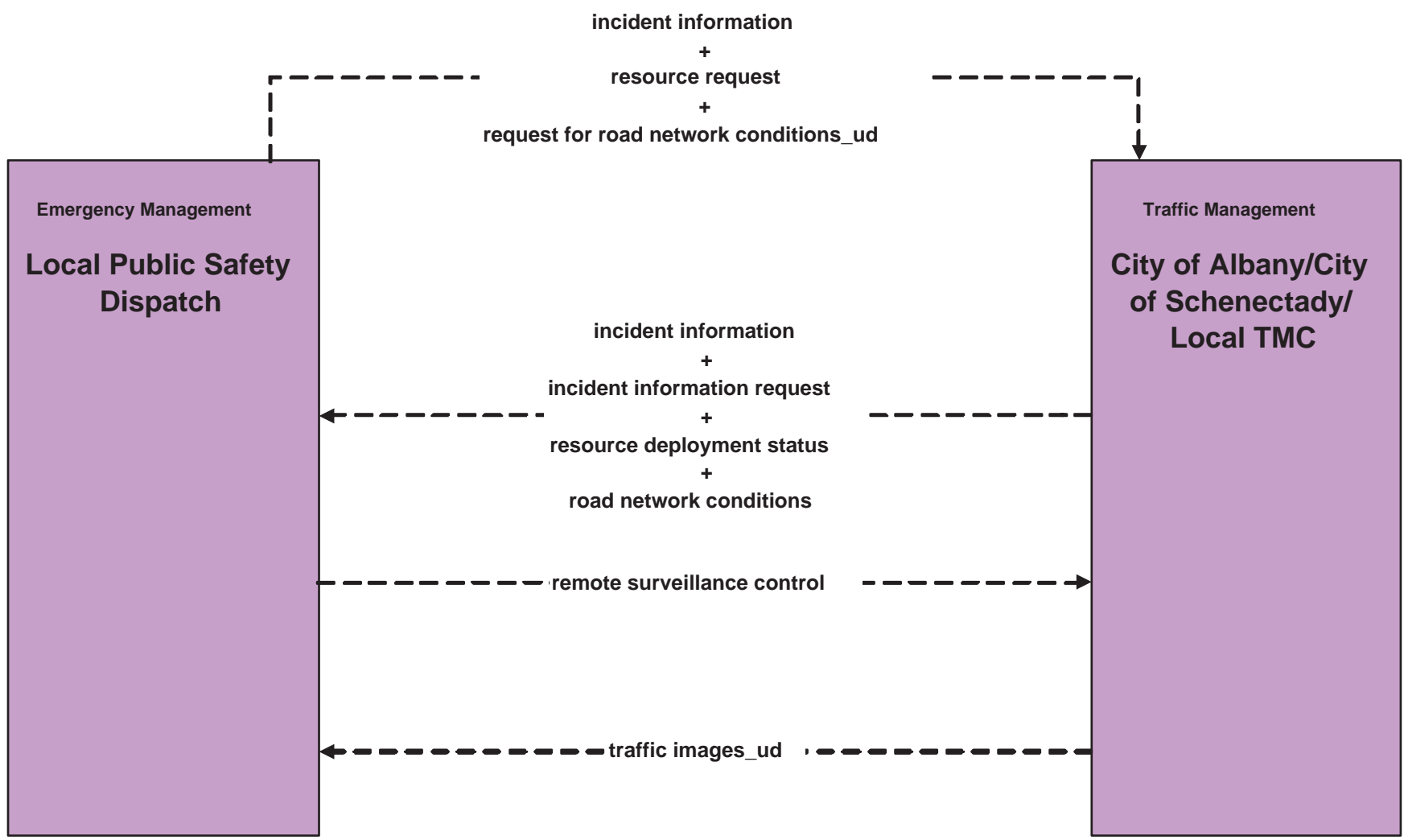
ATMS07 - Regional Traffic Control Response Plans



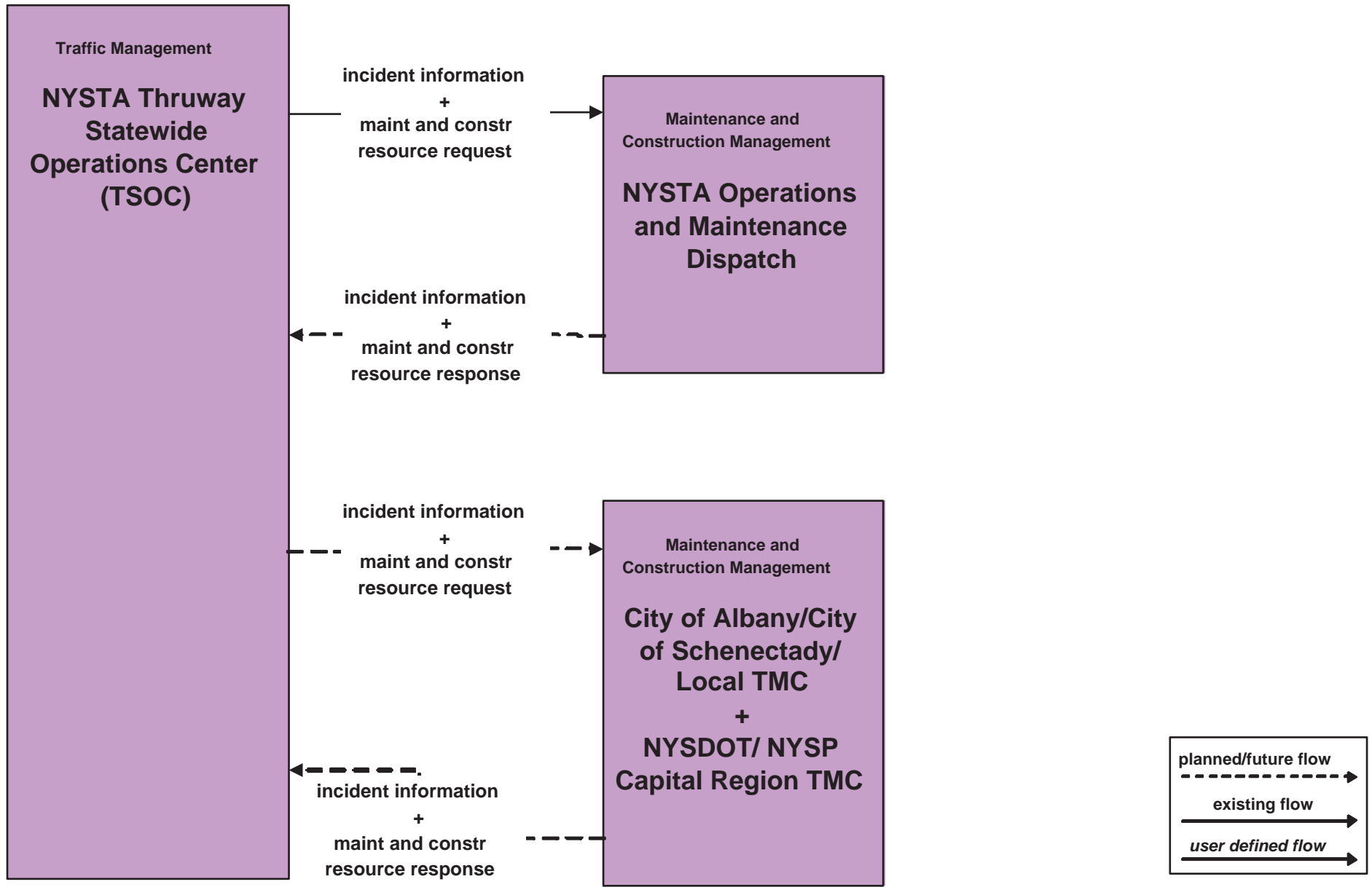
**ATMS08 - Incident Management
NYSTA TSOC & Troop T (EM to TM)**



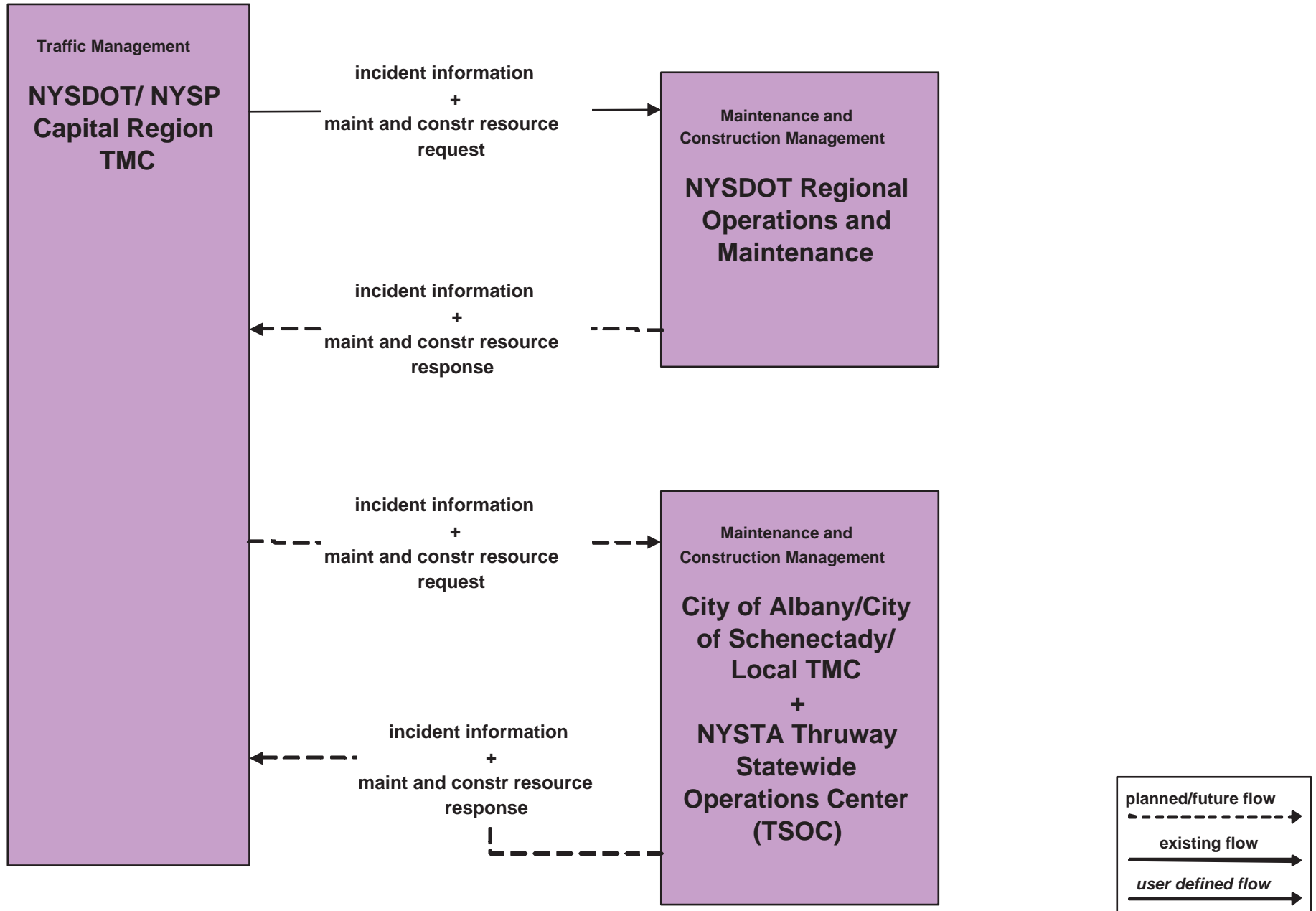
ATMS08 - Incident Management
City of Albany/City of Schenectady/Local TMC (EM to TM)



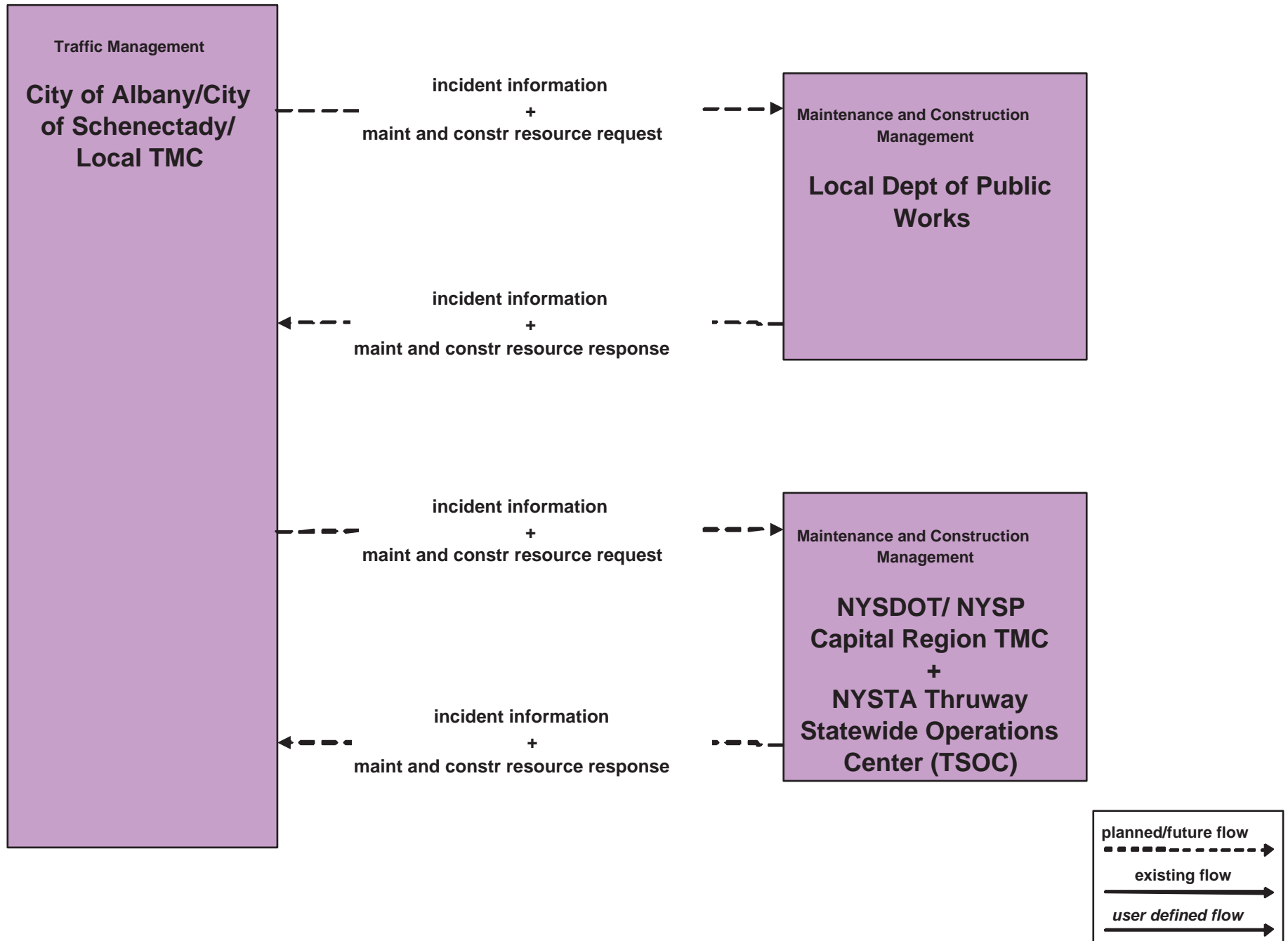
ATMS08 - Incident Management NYSTA TSOC (TM to MCM)



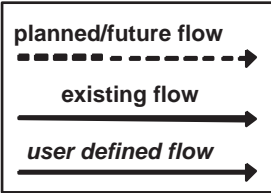
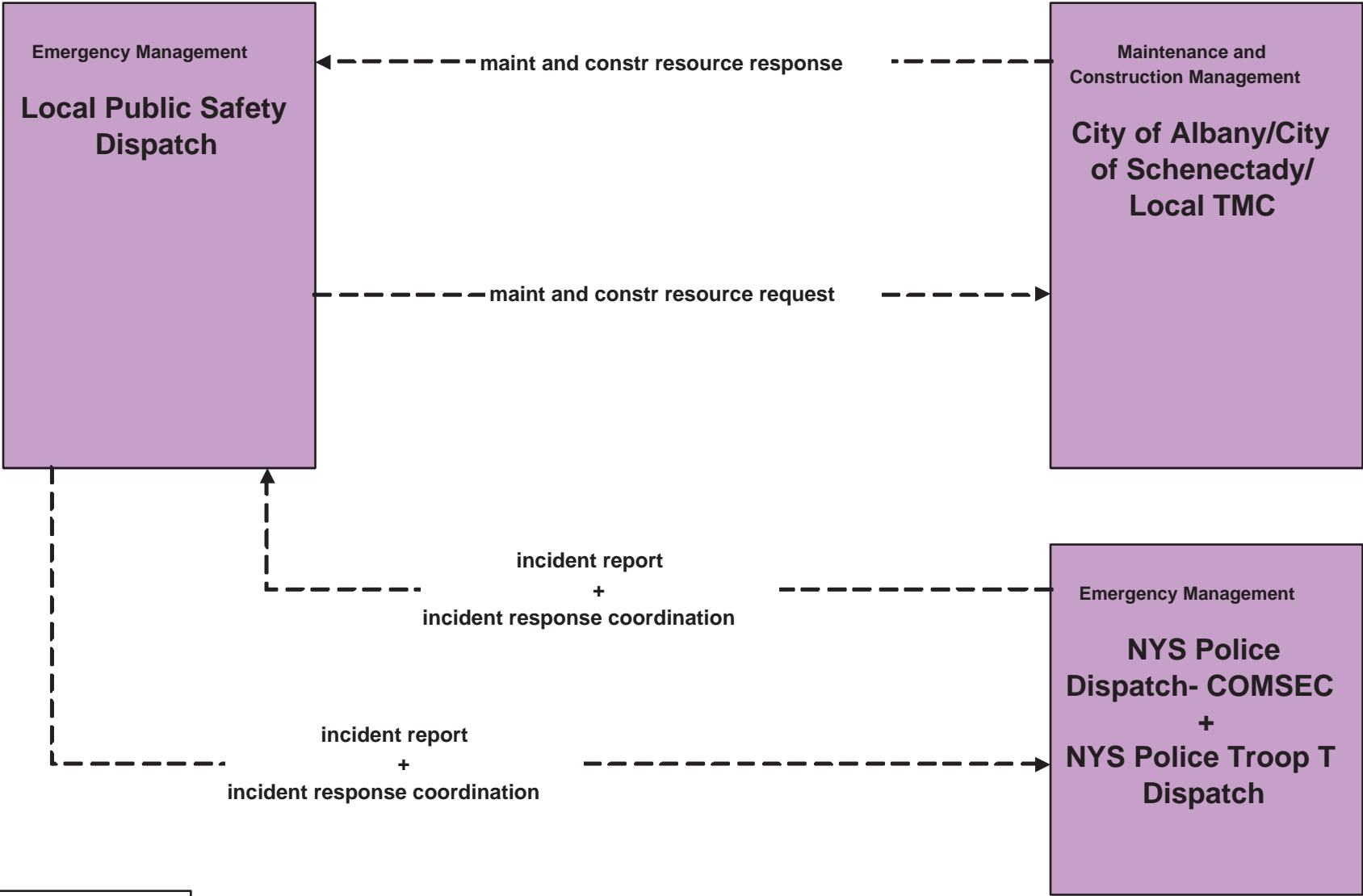
ATMS08 - Incident Management
NYSTA TSOC and NYSDOT / NYSP Capital Region TMC (TM to MCM)



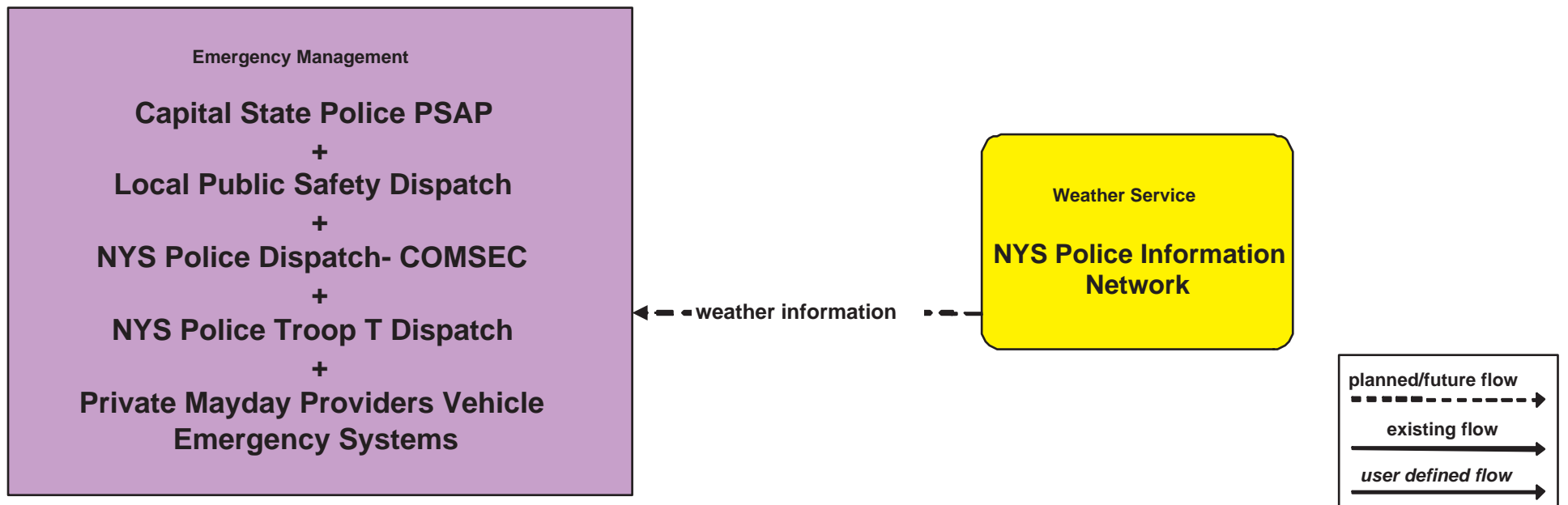
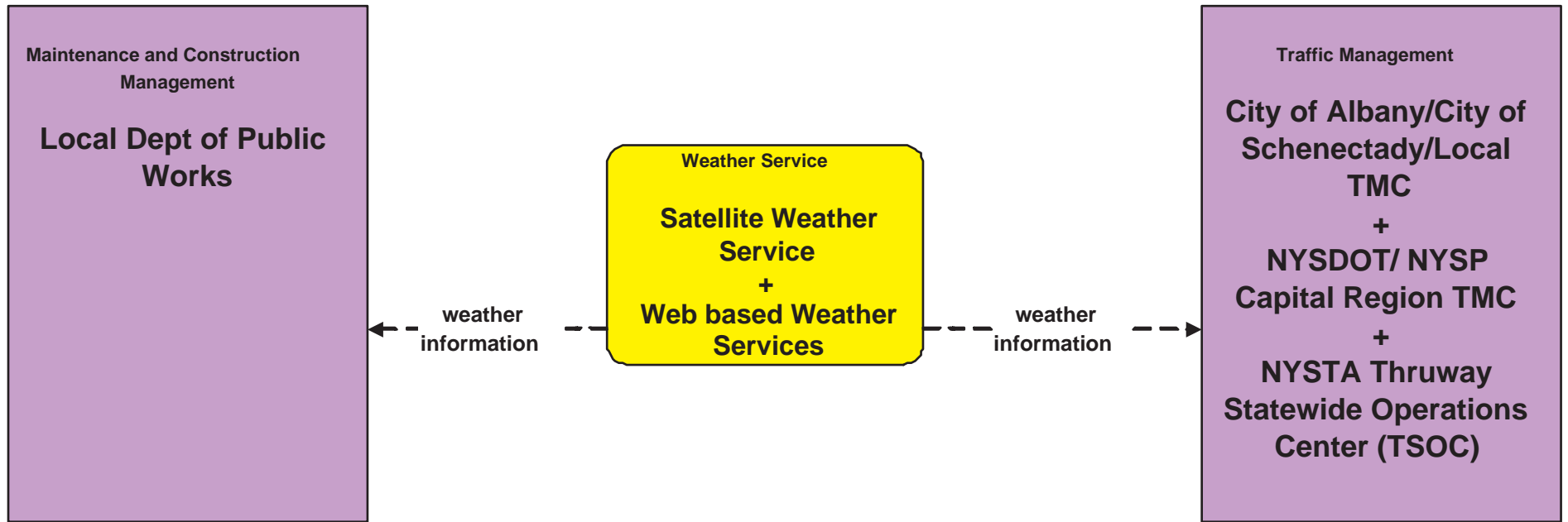
ATMS08 - Incident Management
City of Albany/City of Schenectady/Local TMC (TM to MCM)



ATMS08 - Incident Management
City of Albany/City of Schenectady/Local TMC (EM to MCM & EM to EM)



**ATMS08 - Incident Management
Weather Information**



ATMS08 - Incident Management

Emergency Management
Local Public Safety Dispatch

Emergency Vehicle Subsystem
Local Public Safety Vehicles

Care Facility
Albany Medical Center

Emergency Vehicle Subsystem
Local Public Safety Vehicles
+
MedFlight Helicopters
+
NYS Police Vehicles

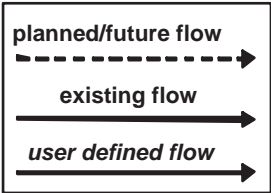
incident command information

incident status

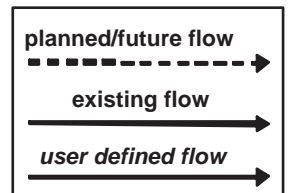
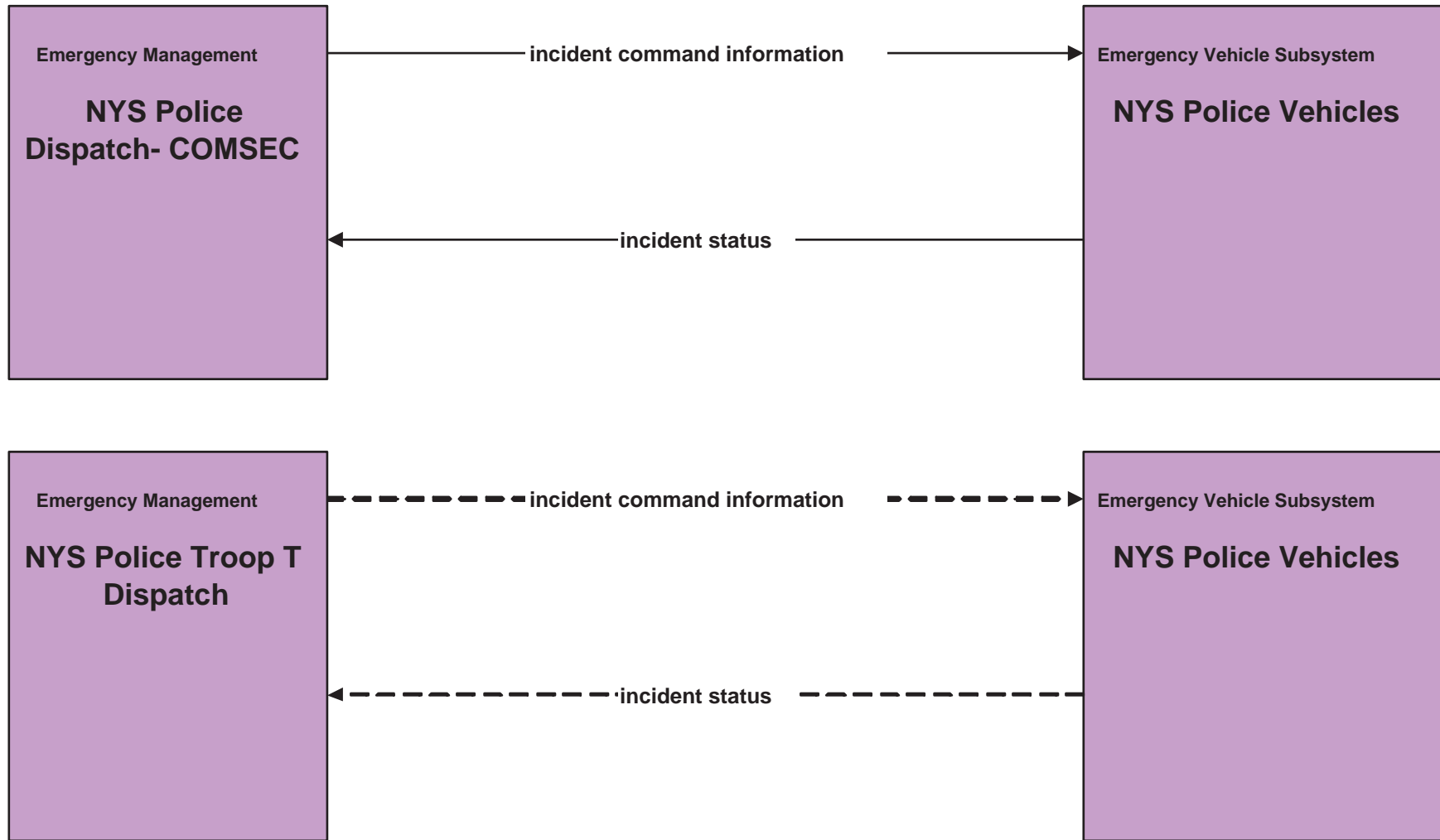
care facility status

care facility status request
+
patient status

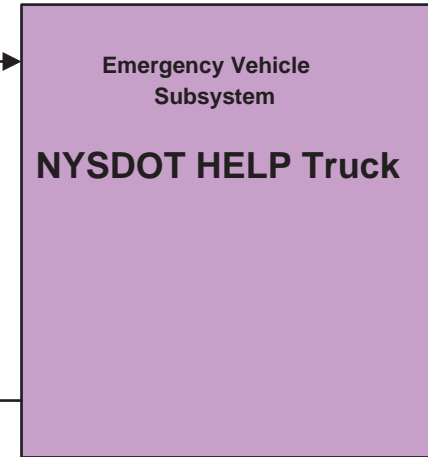
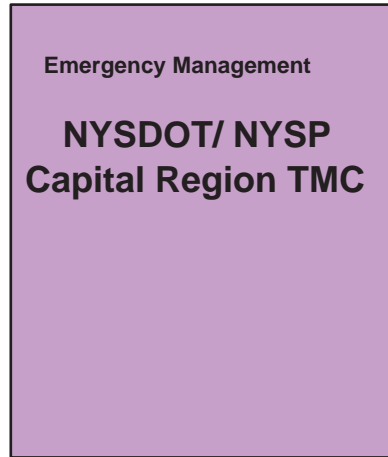
incident images_UD



ATMS08 - Incident Management

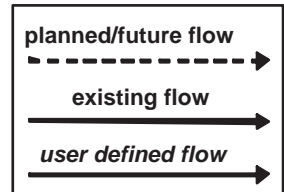


ATMS08 - Incident Management

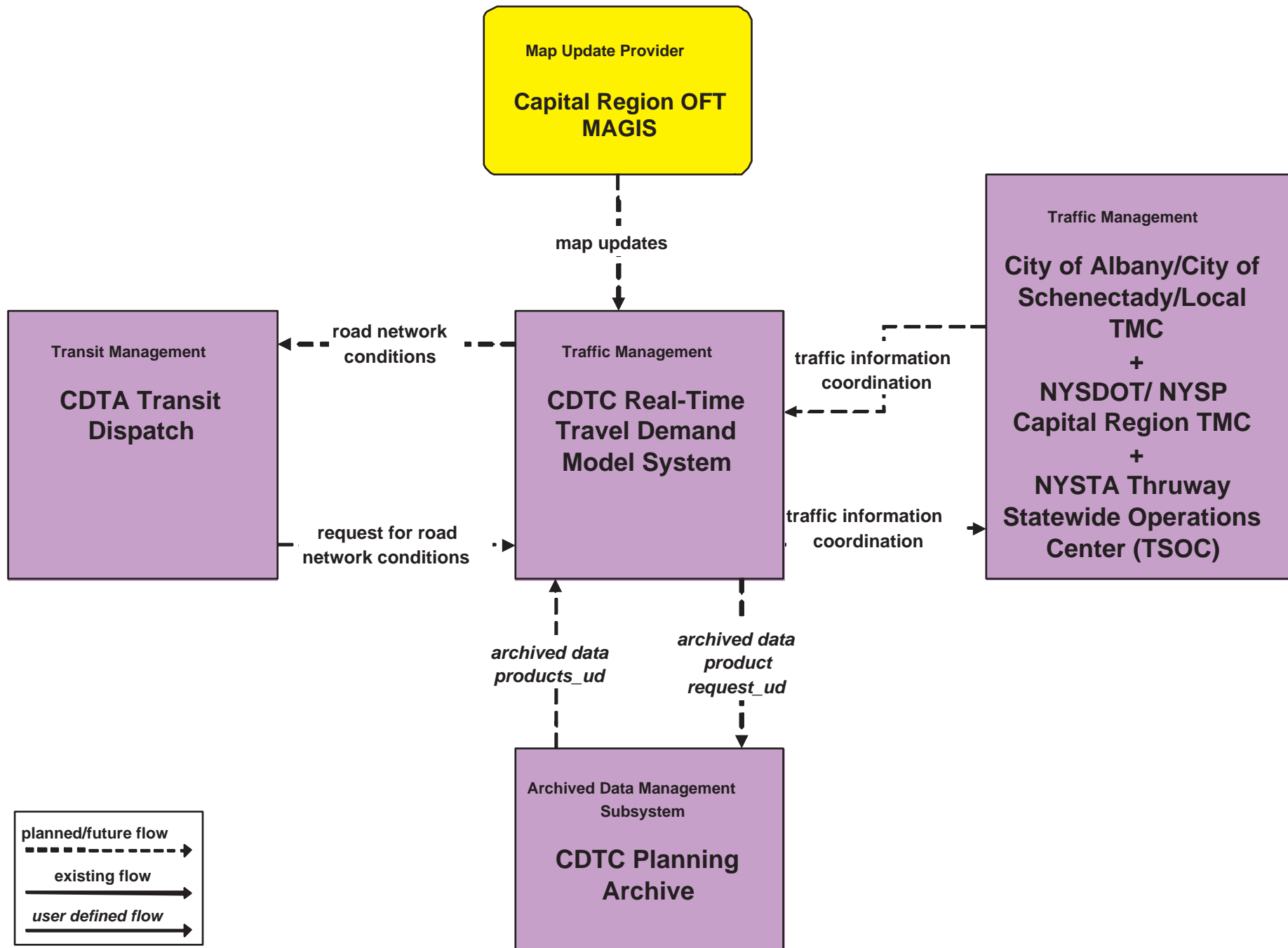


emergency dispatch requests
+
incident command information
+
suggested route

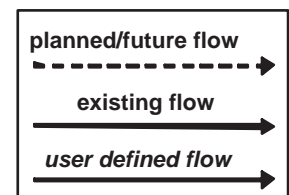
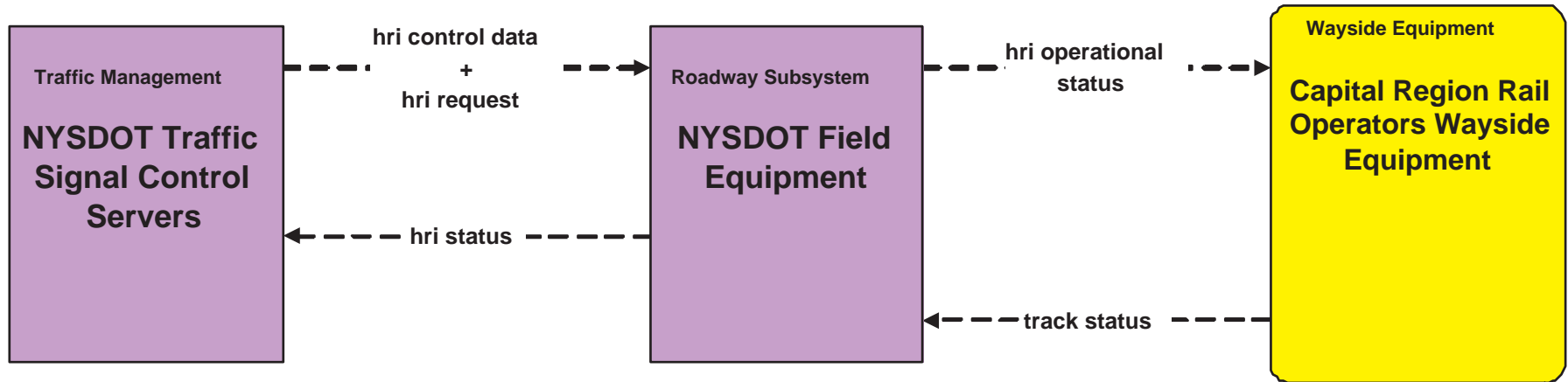
emergency dispatch response
+
emergency vehicle tracking data
+
incident status



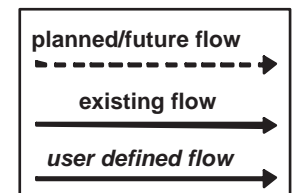
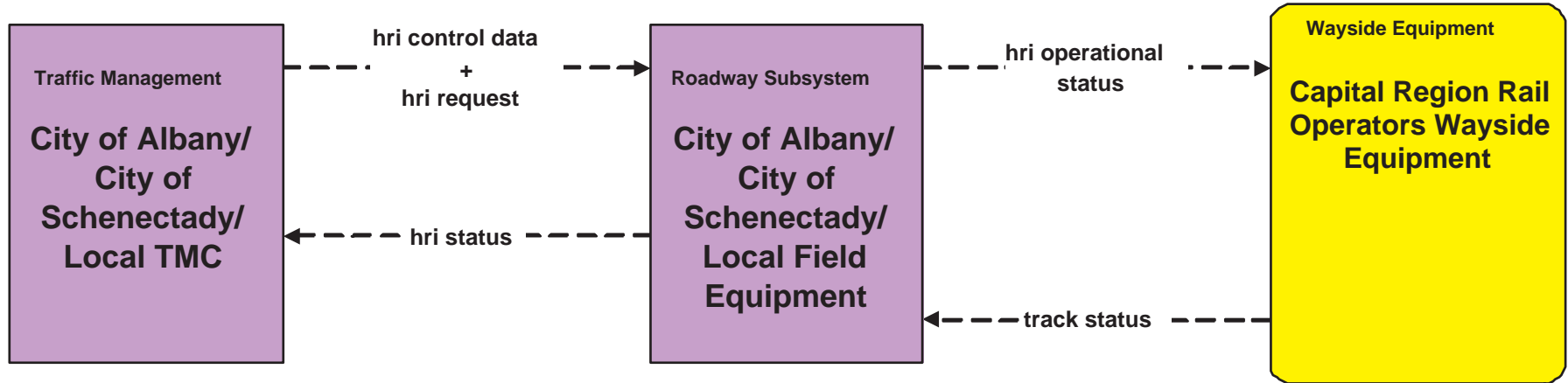
ATMS09 - Traffic Forecast and Demand Management
CDTC Real-Time Travel Demand Model



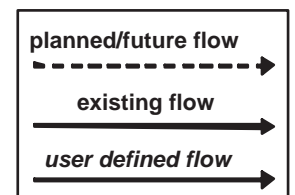
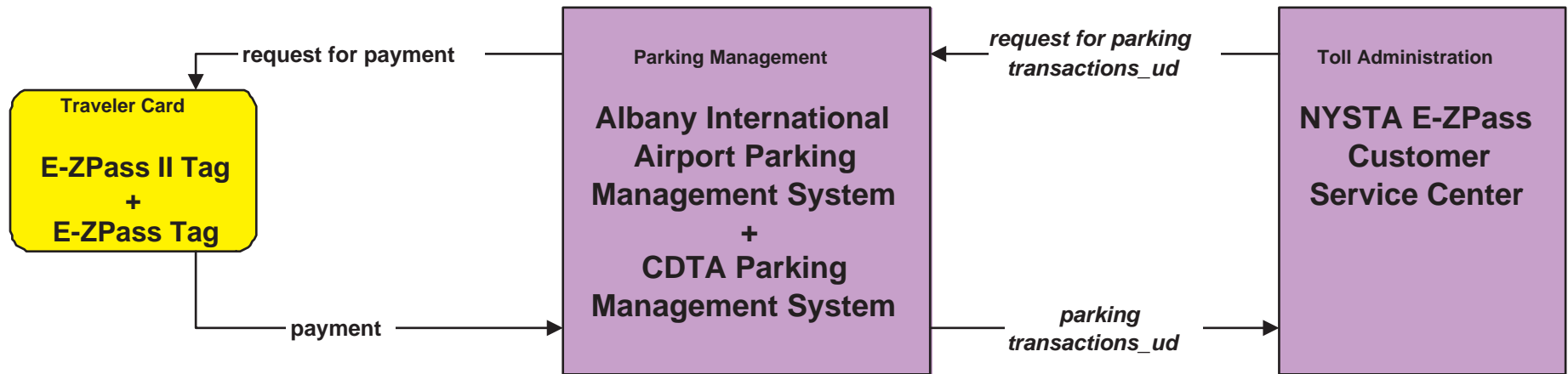
**ATMS 13 - Standard Railroad Crossing
NYSDOT**



ATMS 13 - Standard Railroad Crossing
City of Albany/City of Schenectady/Local TMC



**ATMS16 - Parking Facility Management
Albany Airport & CDTA Parking**



**ATMS 20 - Drawbridge Management
NYSTA**

