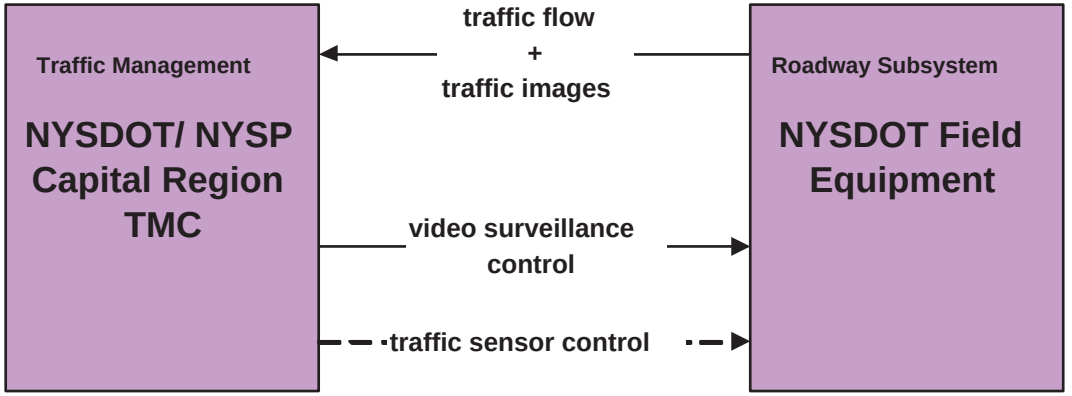
New York Capital District
Regional ITS Architecture

Customized Market Package Diagrams

Advanced Traffic Management Systems (ATMS)

ATMS01 - Network Surveillance
NYSDOT Capital Region TMC



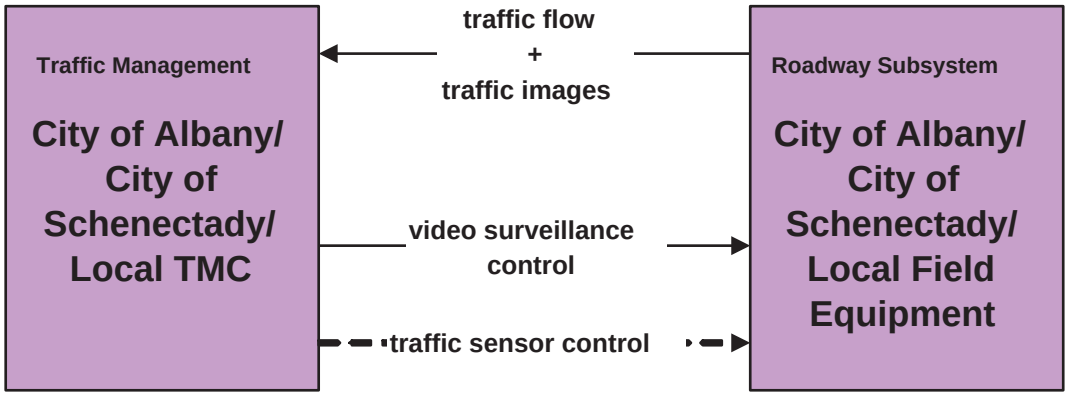
NYSTA is covered in the Statewide Services architecture

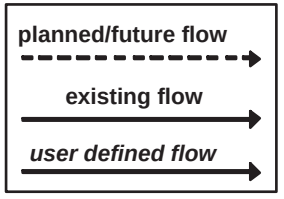
planned/future flow

existing flow

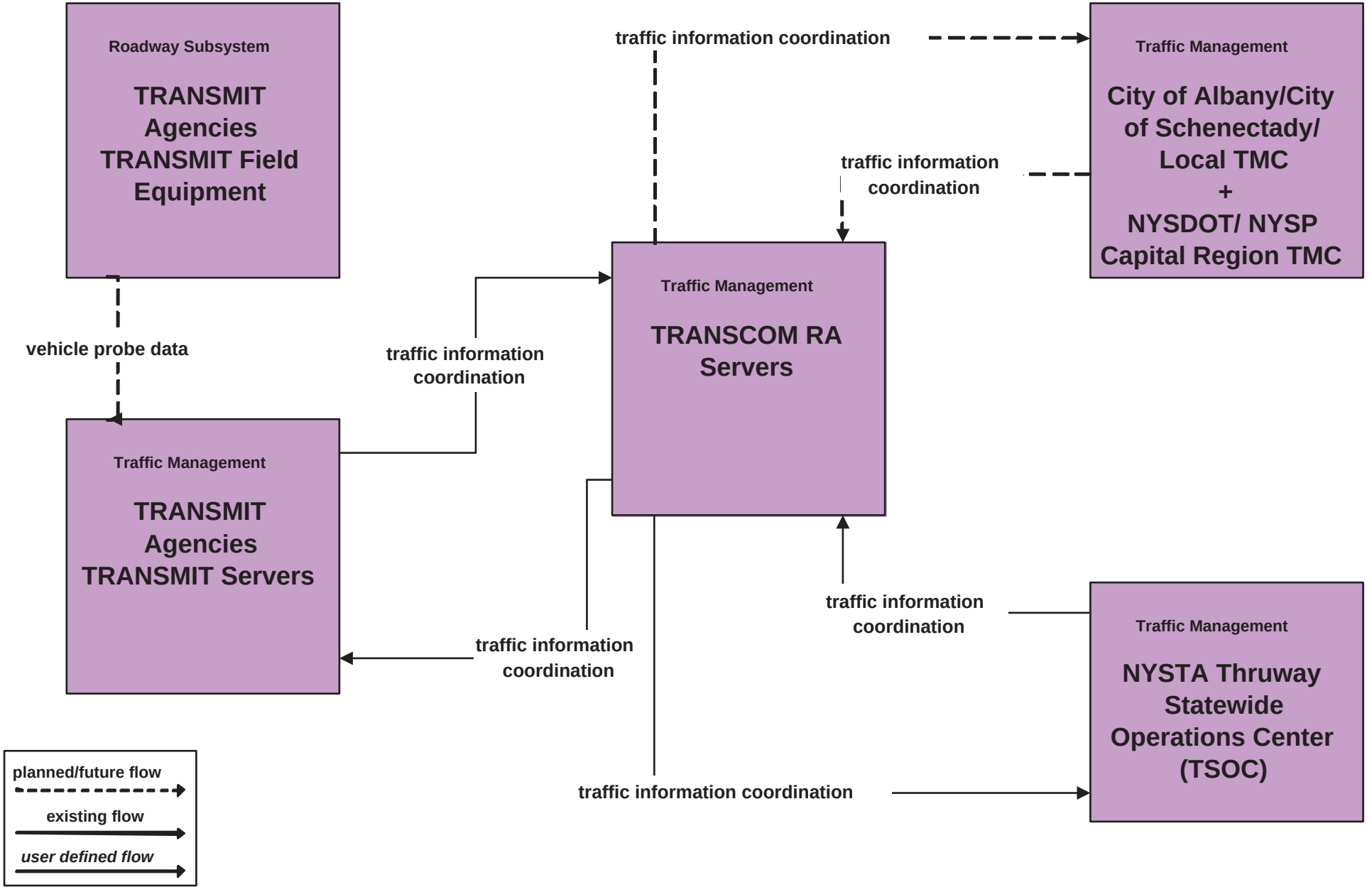
user defined flow

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

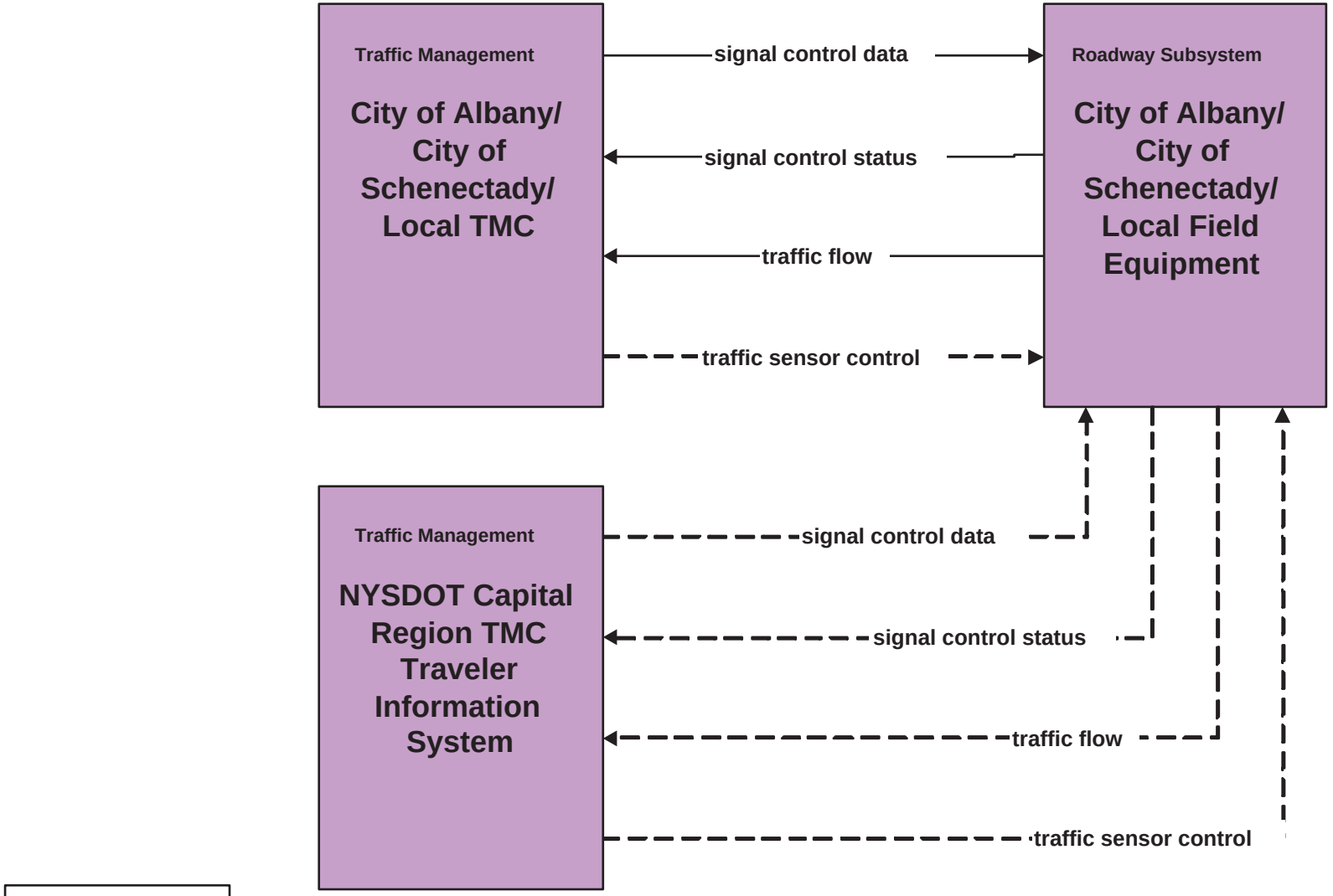




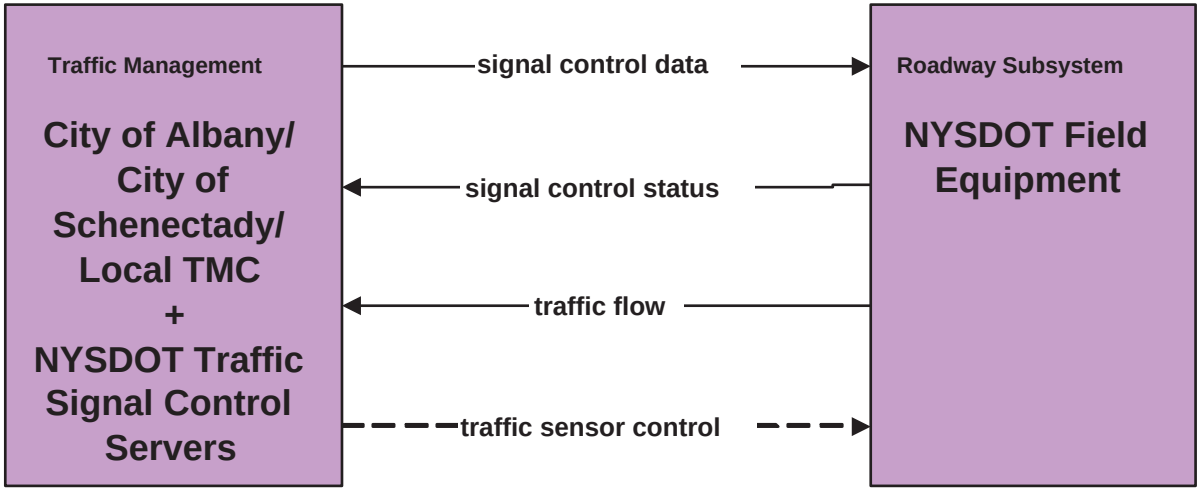
ATMS 02 - Probe Surveillance
TRANSMIT



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



ATMS 03 - Surface Street Control
NYSDOT Traffic Signal Control Servers



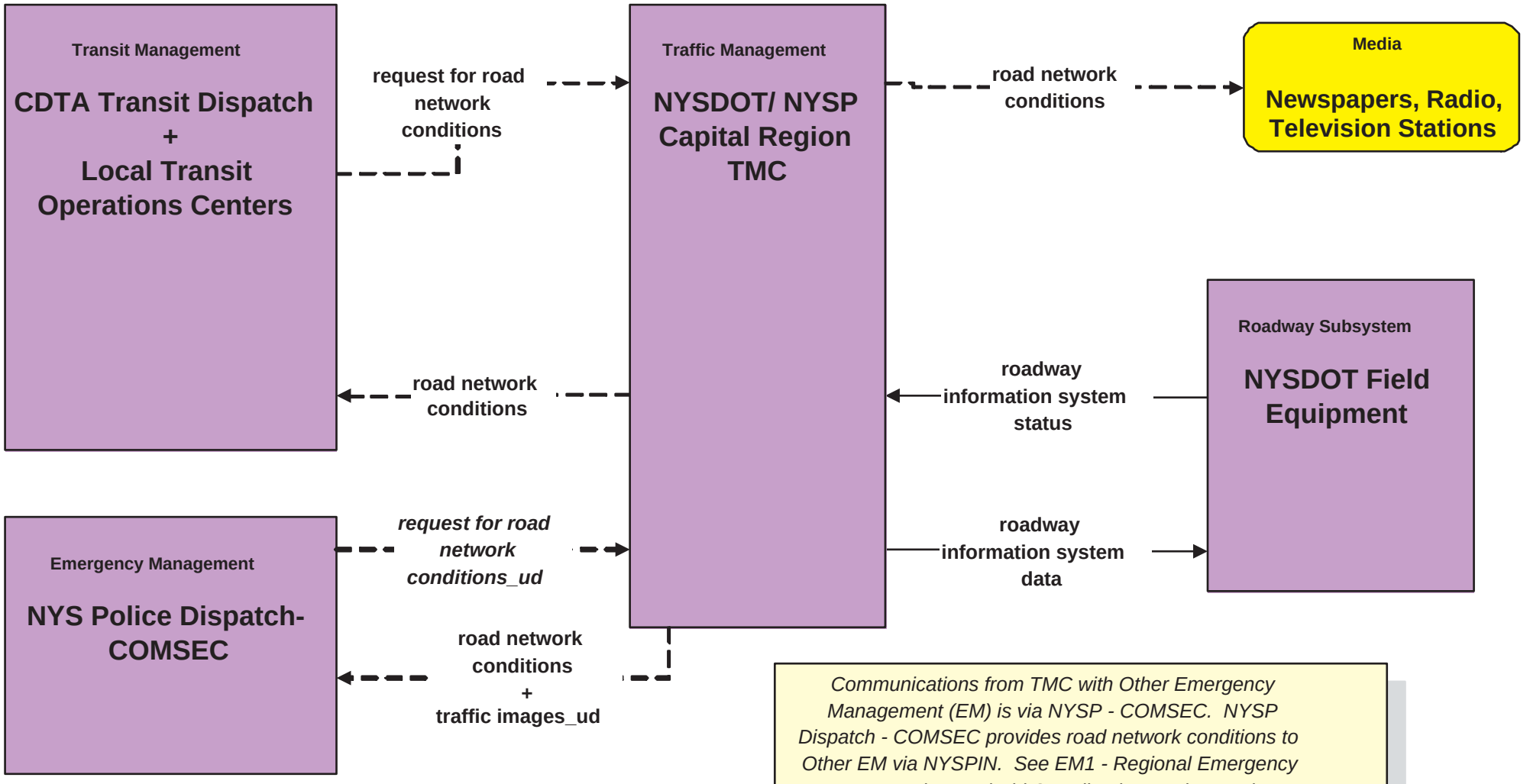
Operations in the NYSDOT/NYSP Capital Region TMC have access to the NYSDOT Traffic Signal Control Servers User Interface

planned/future flow

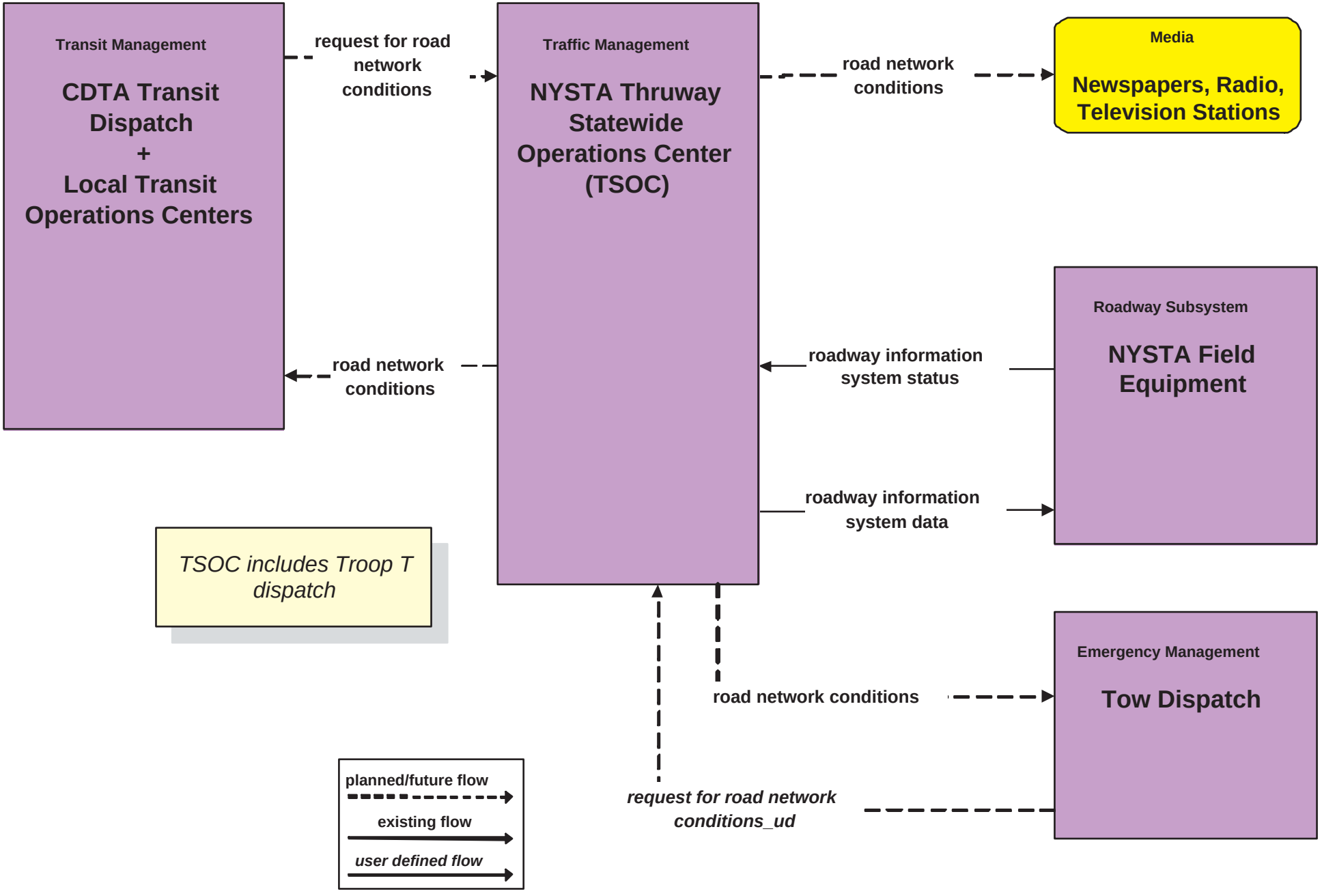
existing flow

user defined flow

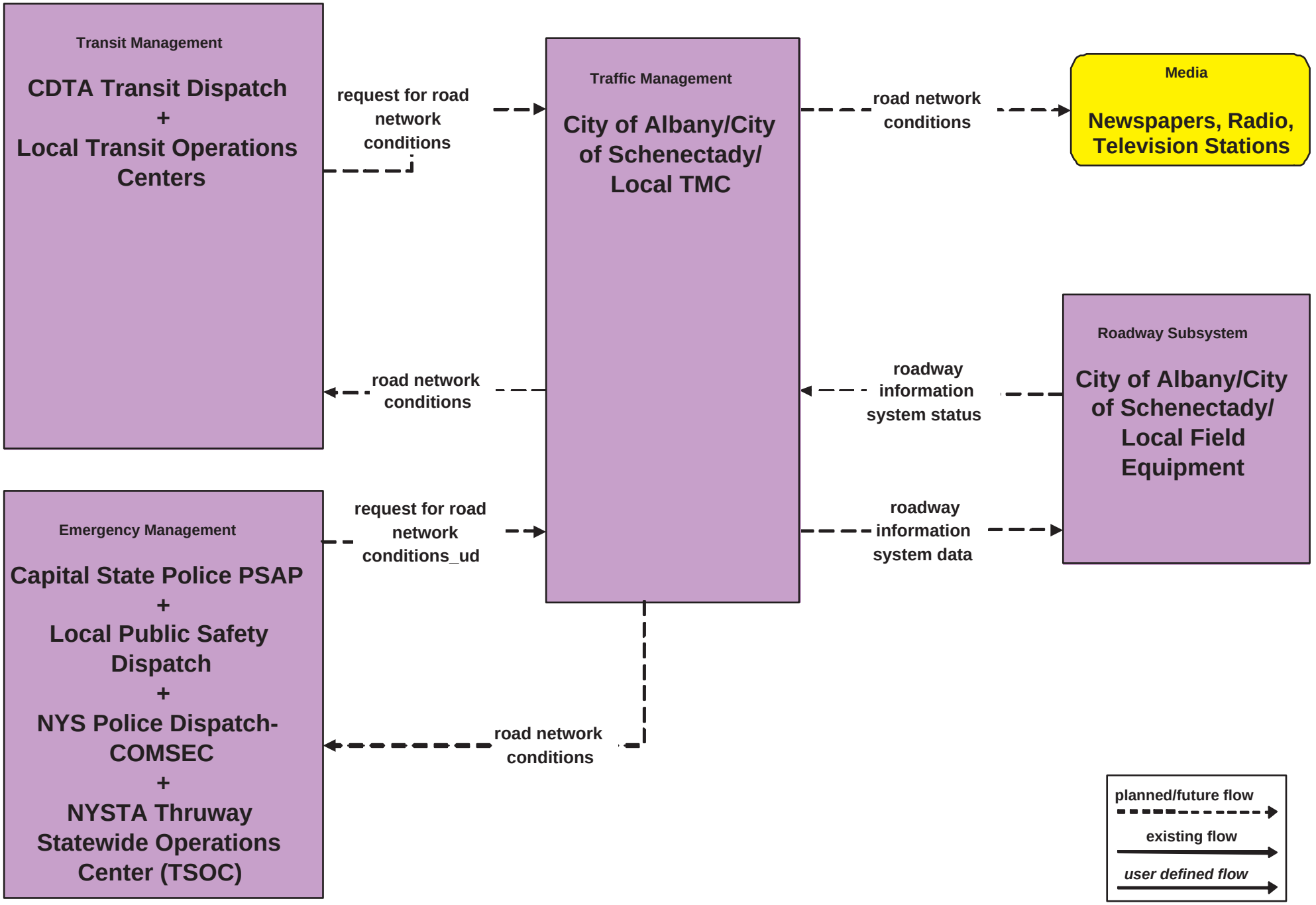
ATMS06 - Traffic Information Dissemination
NYSDOT/NYSP Capital Region TMC



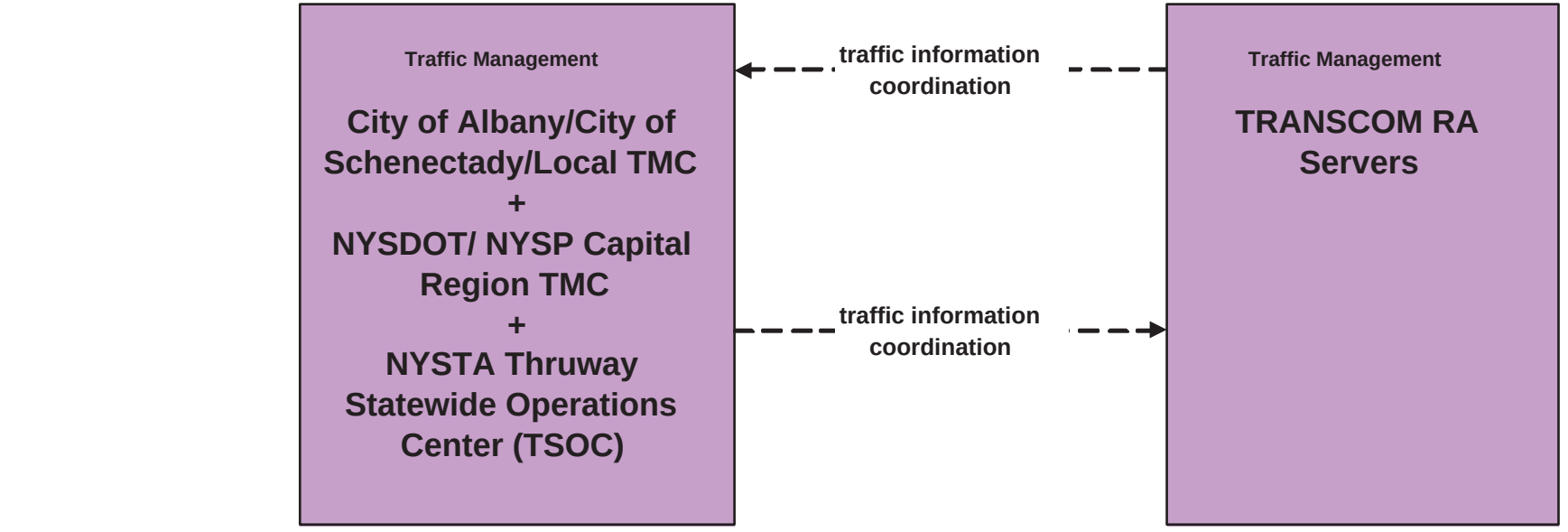
ATMS06 - Traffic Information Dissemination
NYSTA TSOC

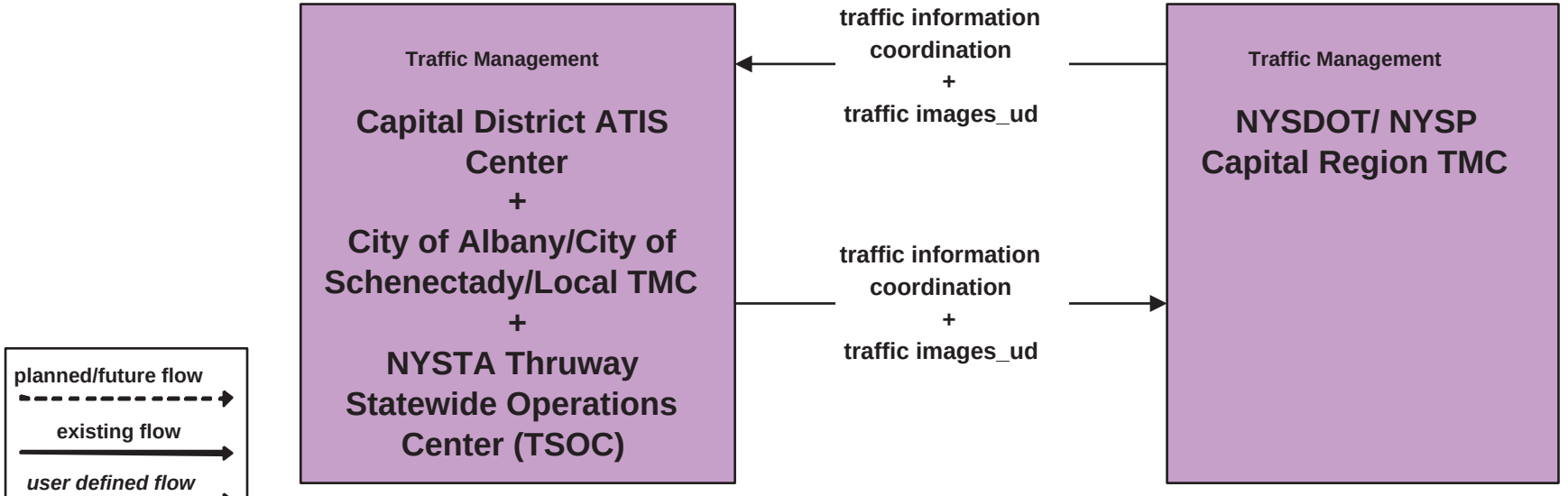


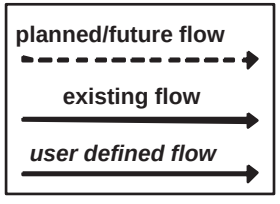
ATMS06 - Traffic Information Dissemination
City of Albany/City of Schenectady/Local TMC



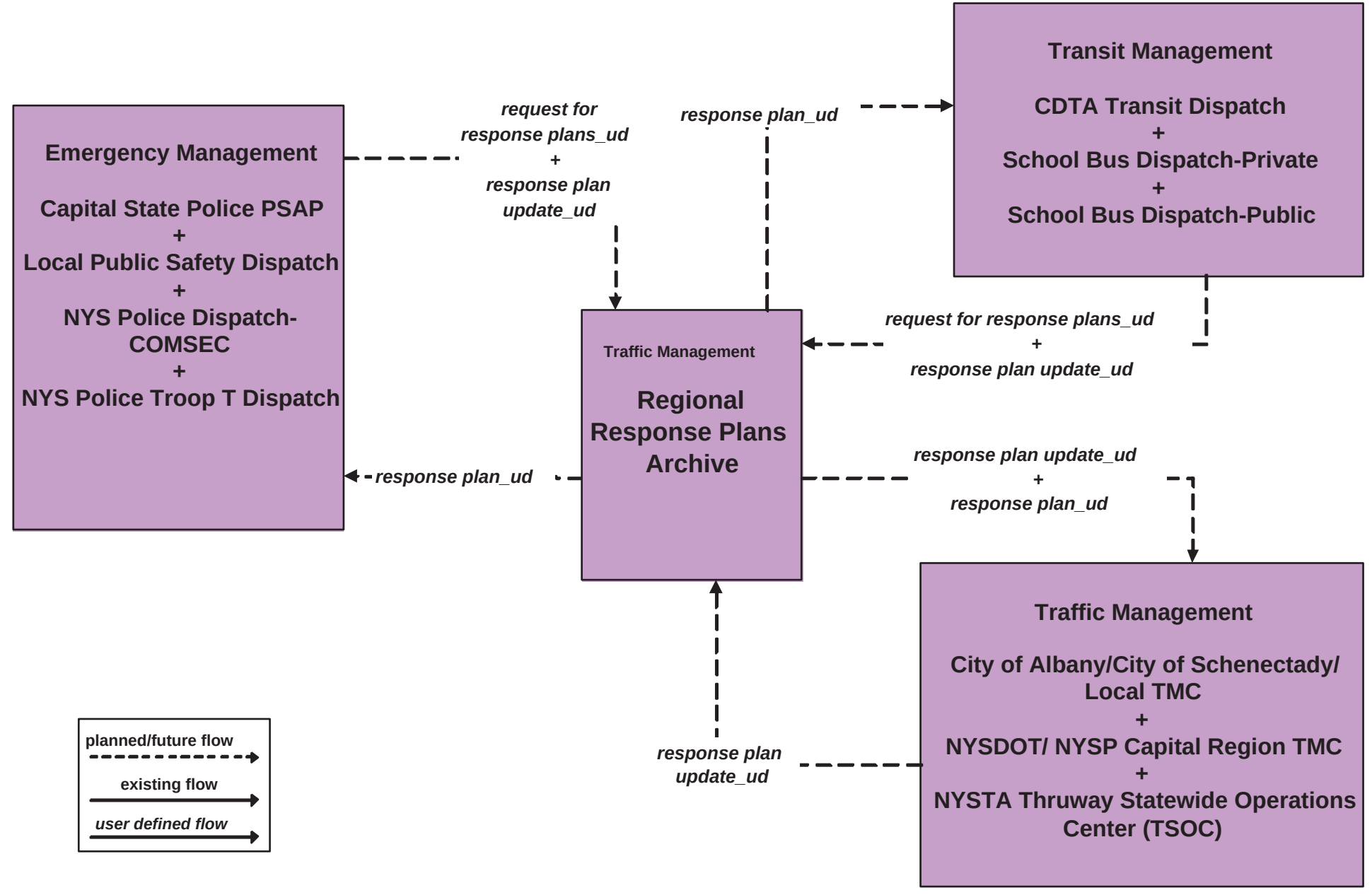
ATMS 07 - Regional Traffic Control



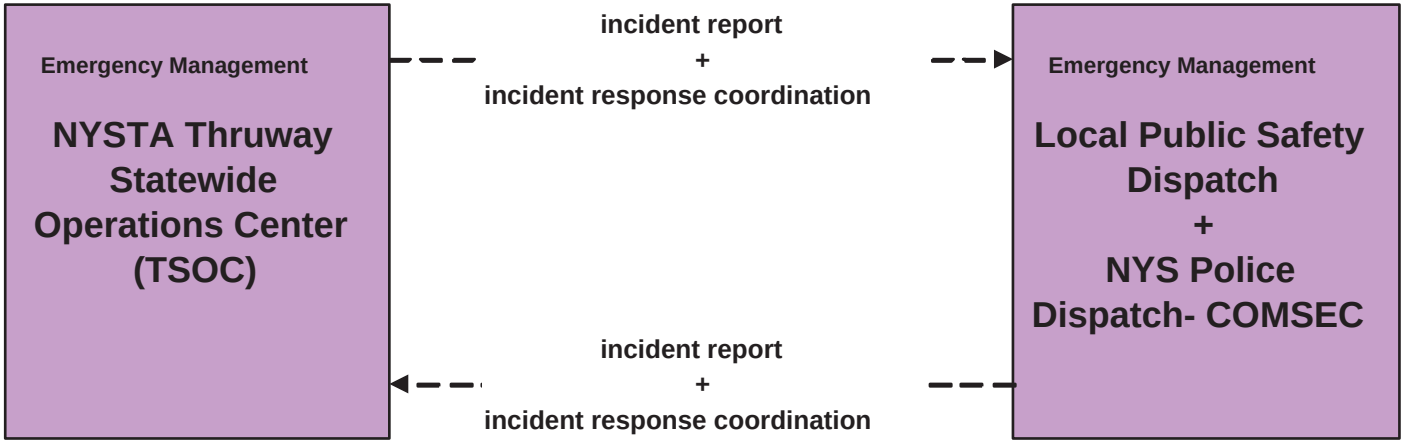




ATMS 07 - Regional Traffic Control Response Plans



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

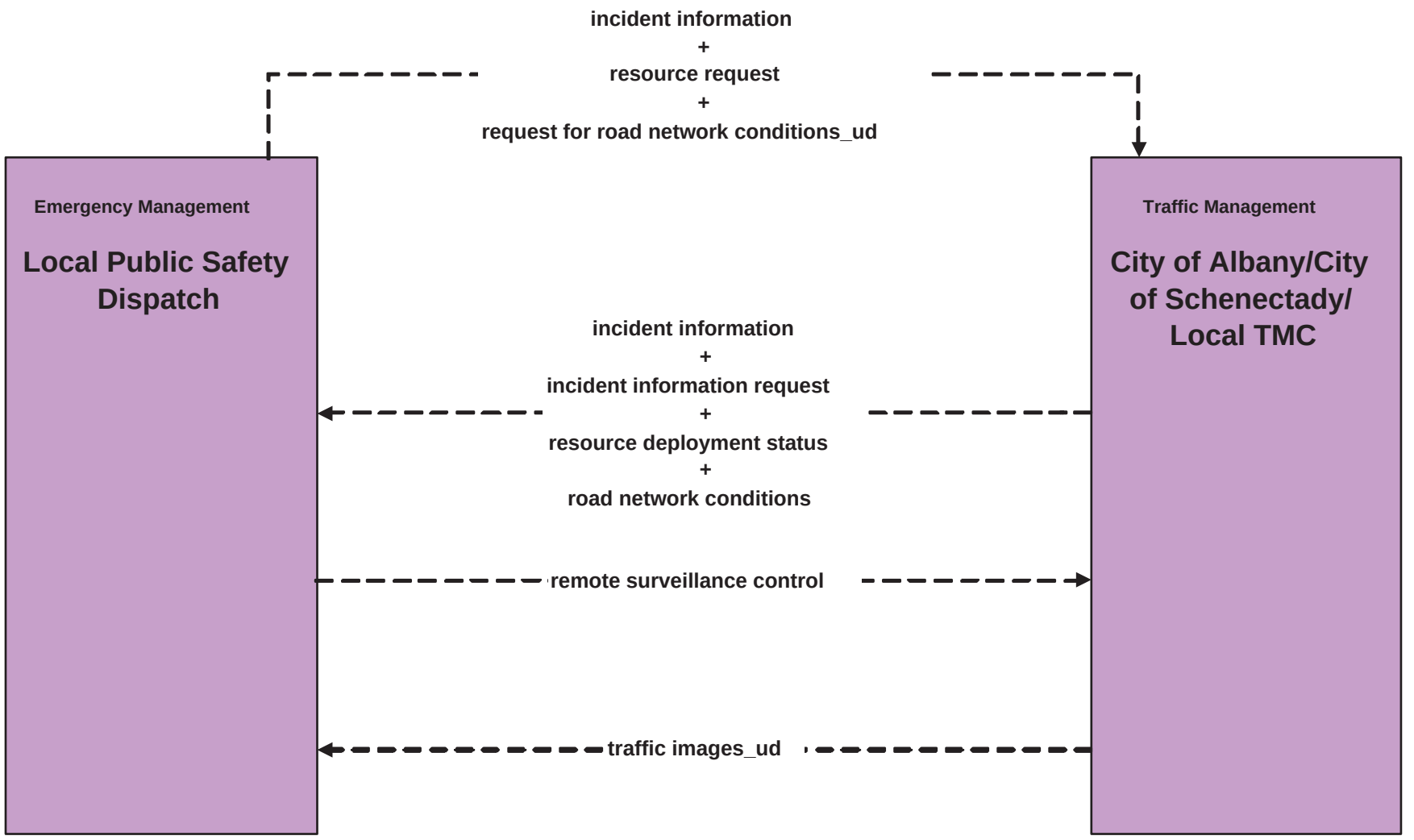


planned/future flow

existing flow

user defined flow

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

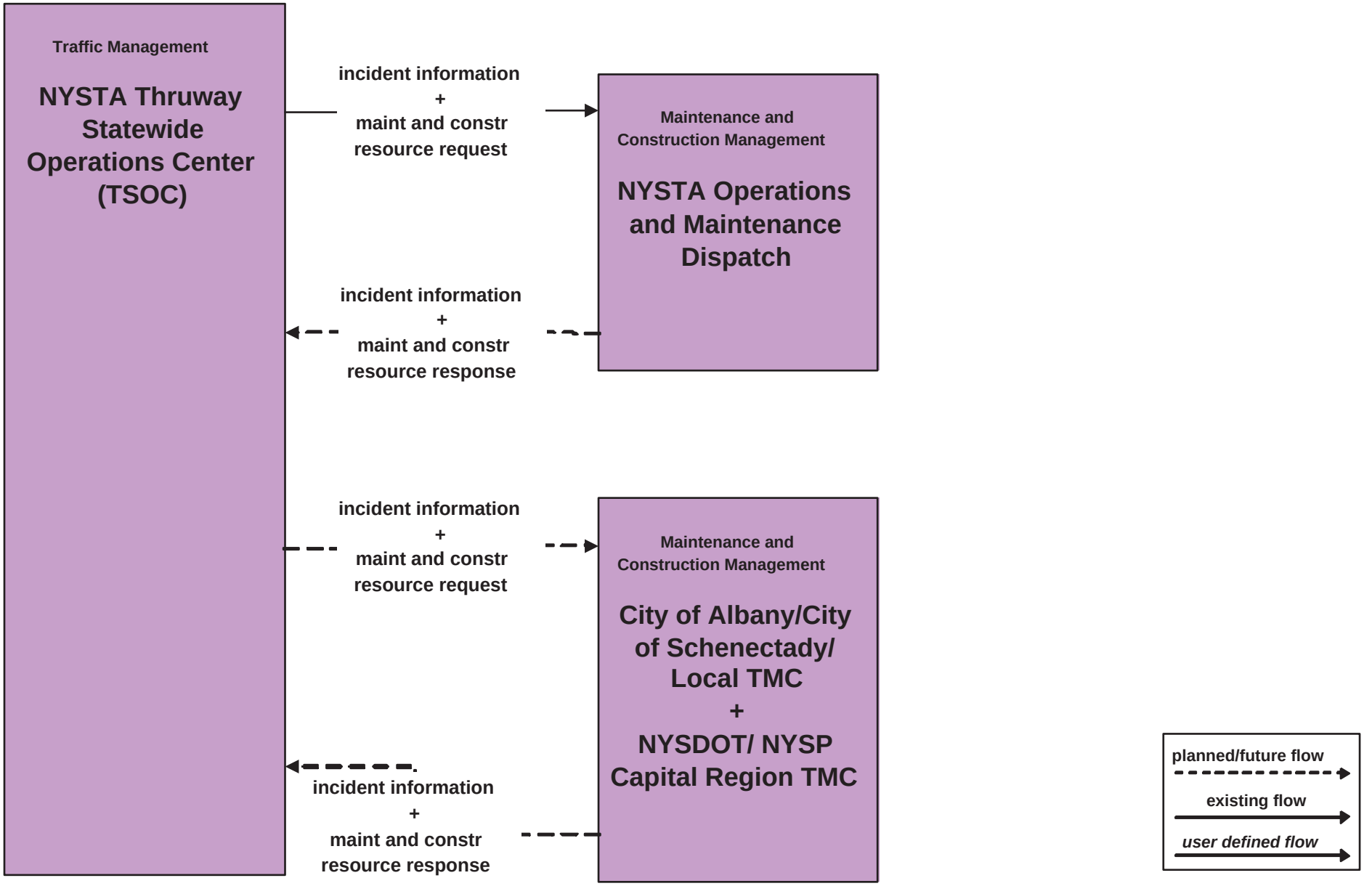


planned/future flow

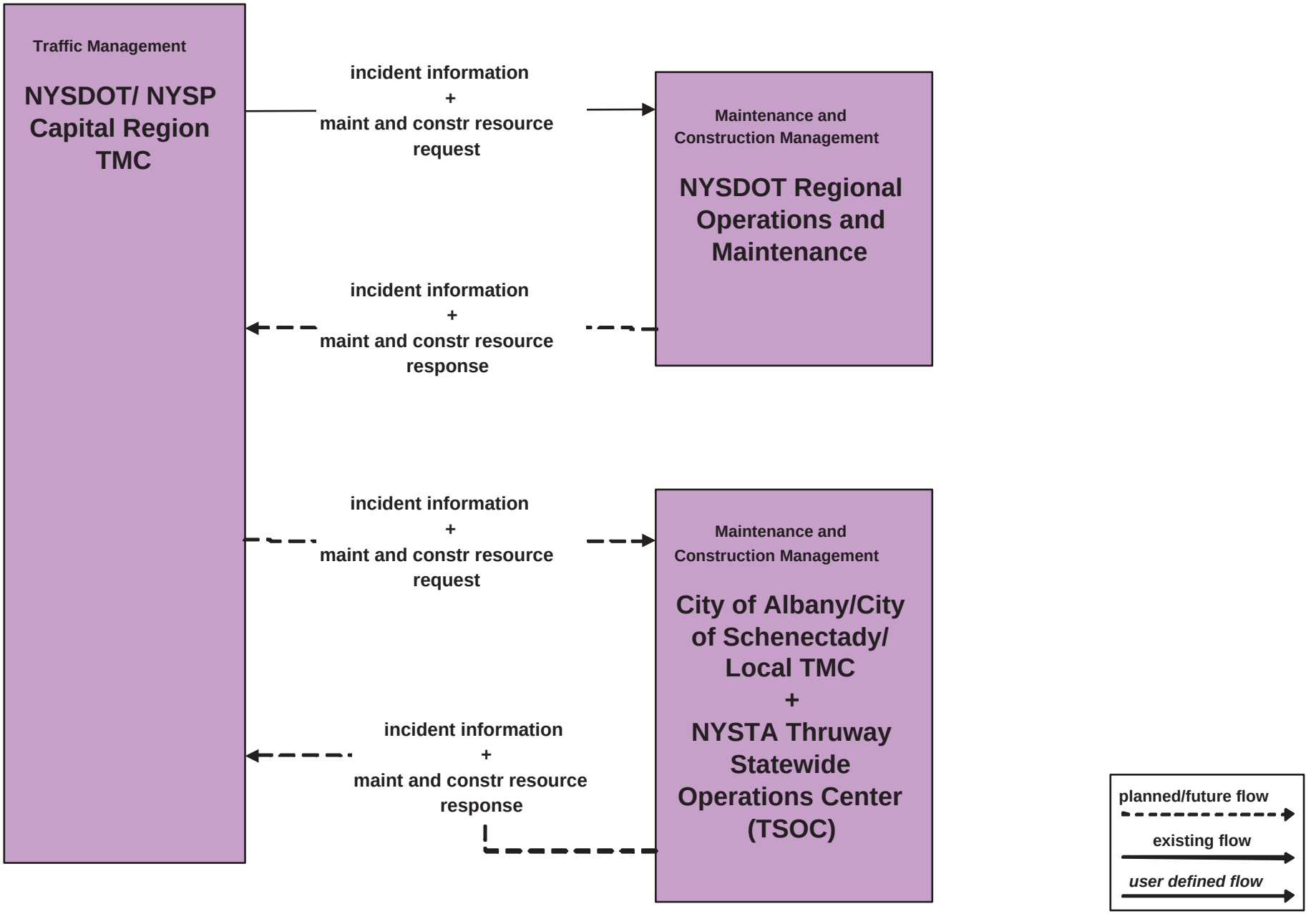
existing flow

user defined flow

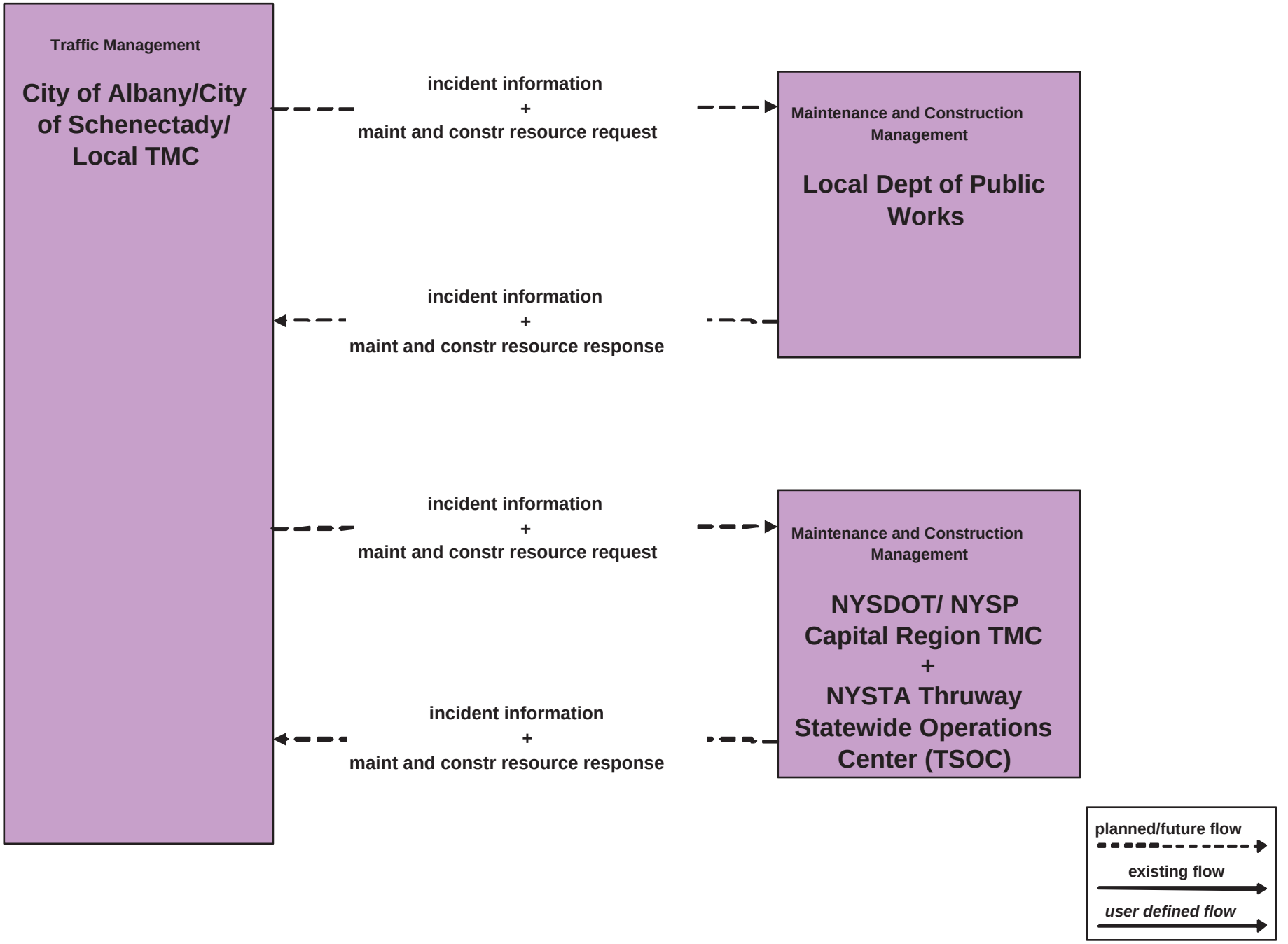
ATMS 08 - Incident Management
NYSTA TSOC (TM to MCM)



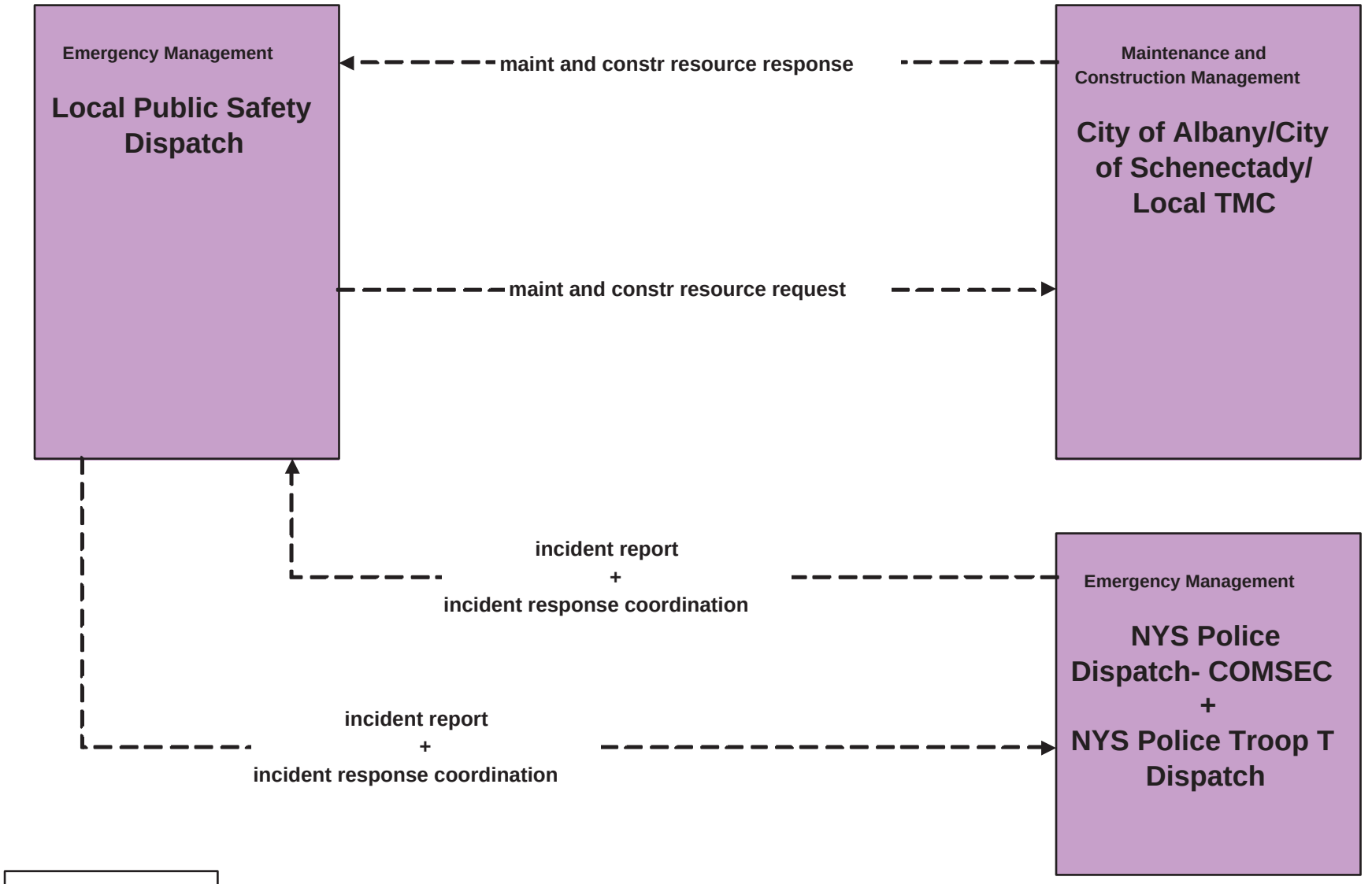
ATMS 08 - Incident Management
NYSTA TSOC and NYSDOT / NYSP Capital Region TMC (TM to MCM)



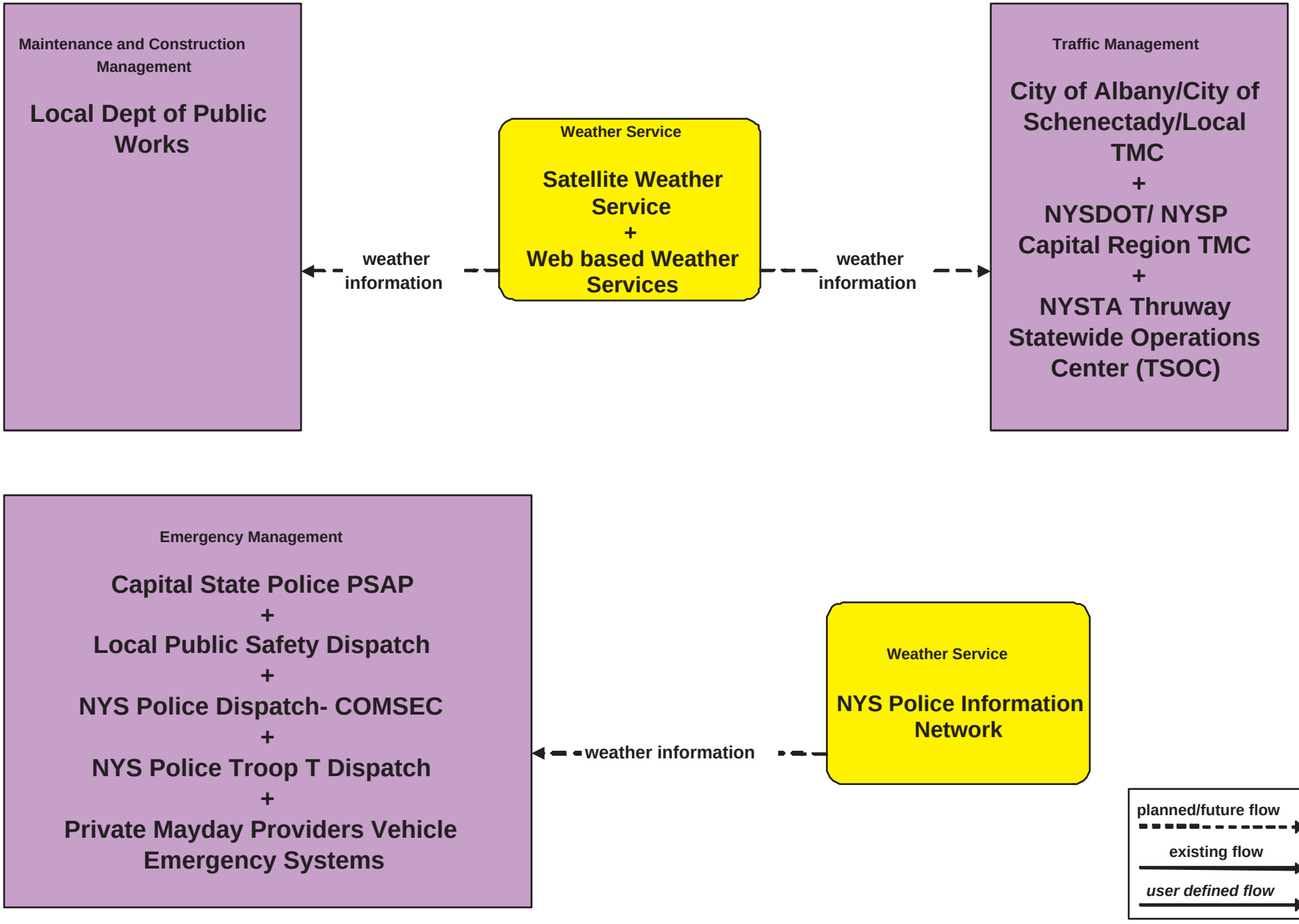
ATMS 08 - Incident Management
City of Albany/City of Schenectady/Local TMC (TM to MCM)



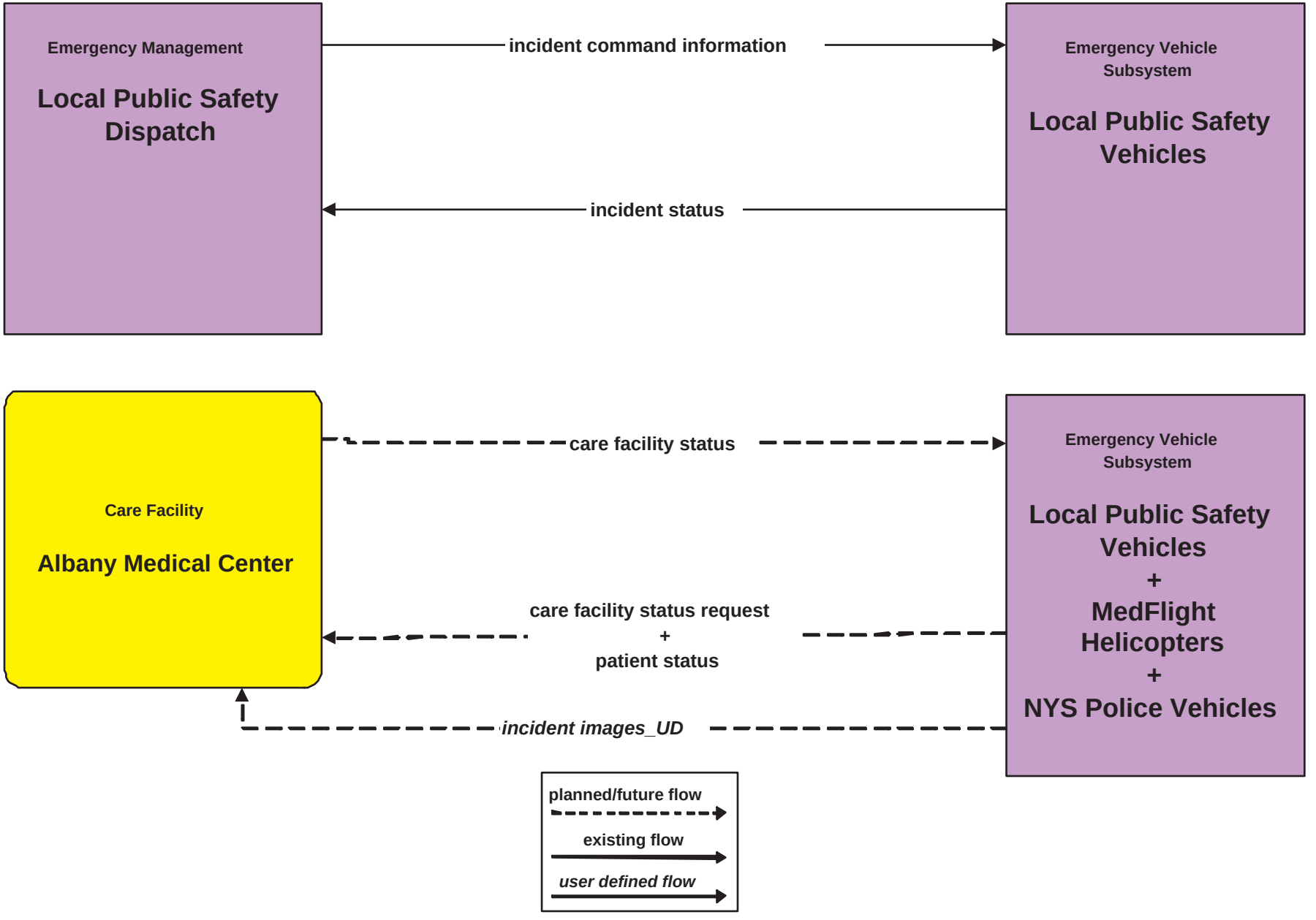
ATMS 08 - Incident Management
City of Albany/City of Schenectady/Local TMC (EM to MCM & EM to EM)



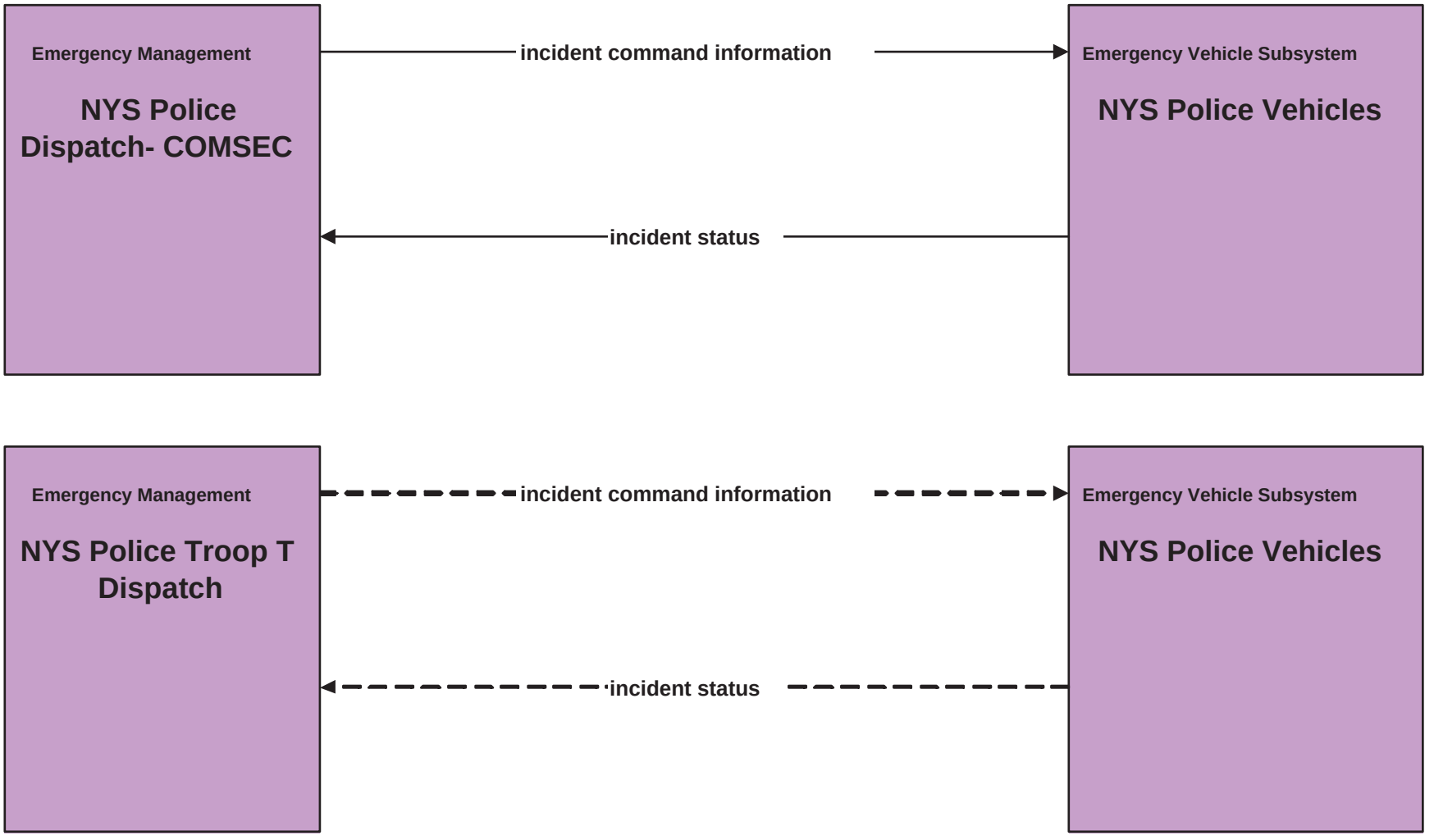
ATMS 08 - Incident Management
Weather Information

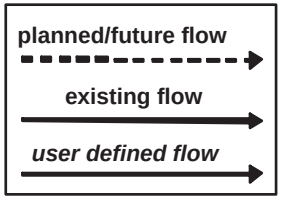


ATMS 08 - Incident Management

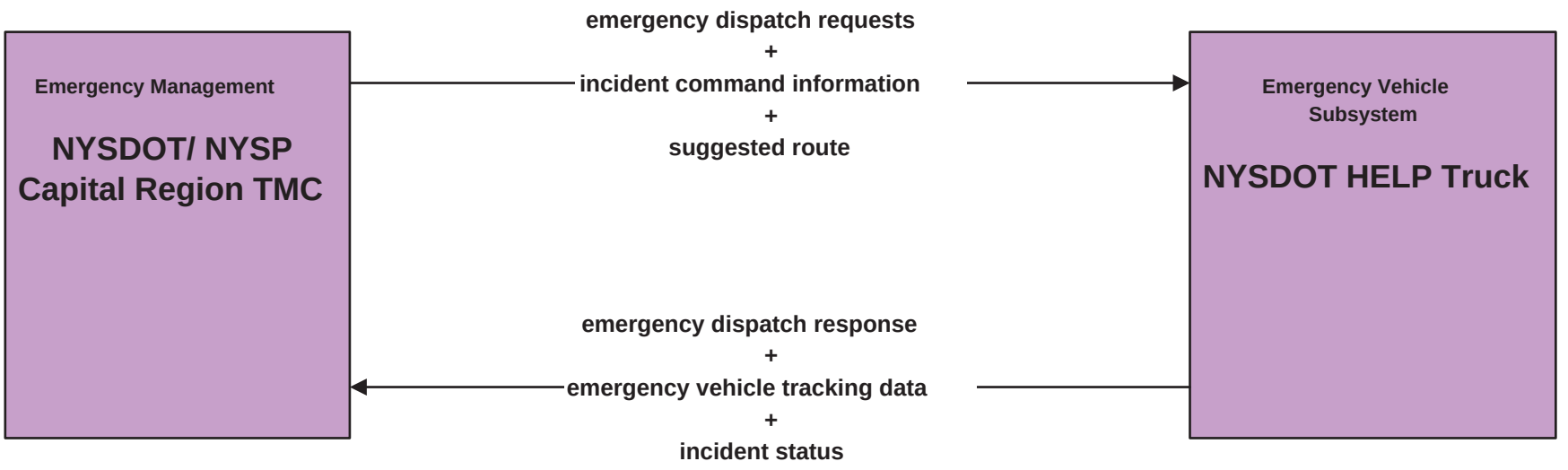


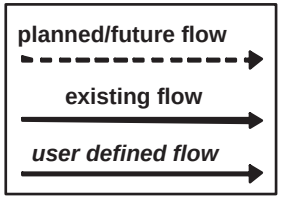
ATMS 08 - Incident Management



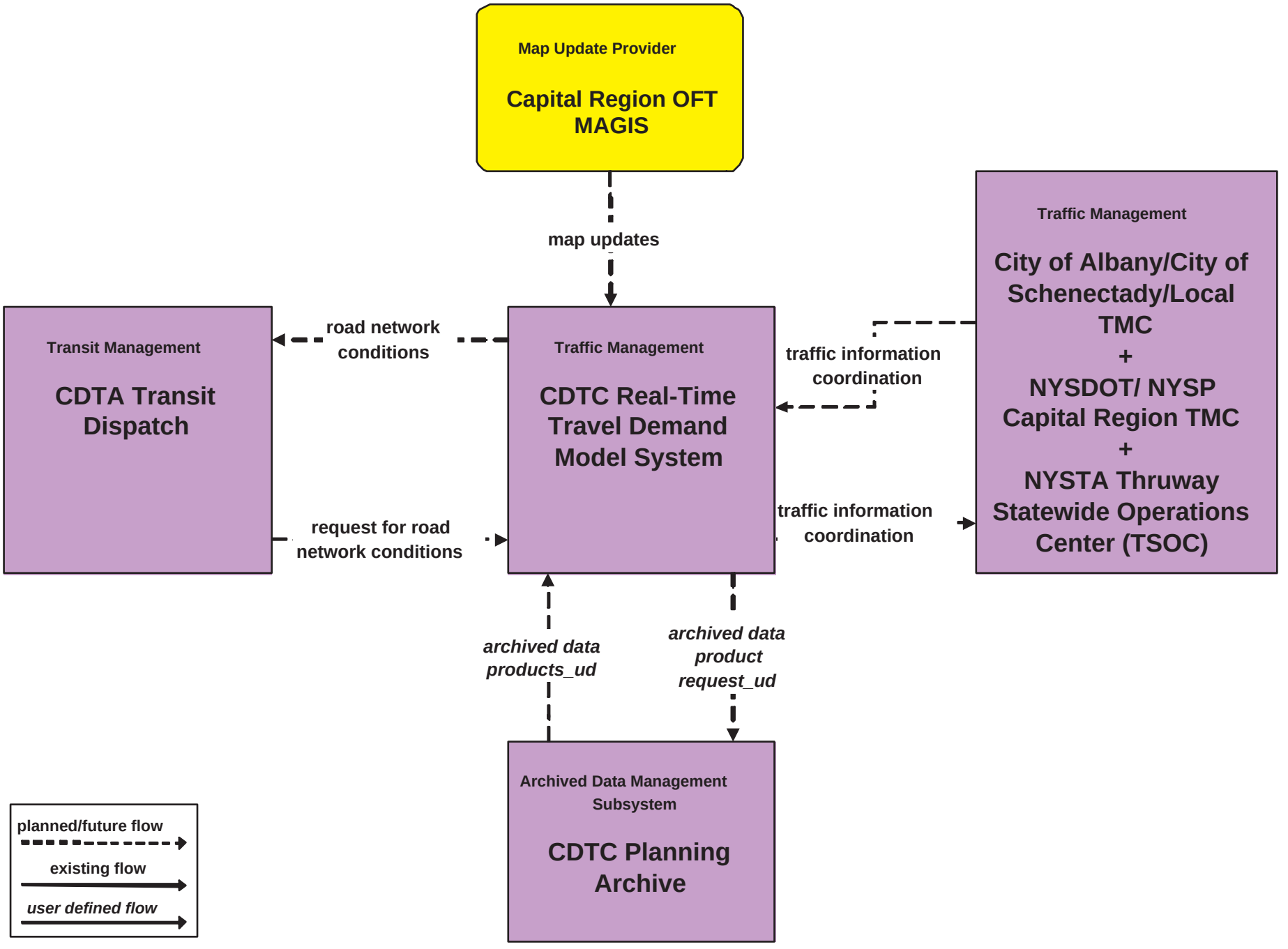


ATMS 08 - Incident Management

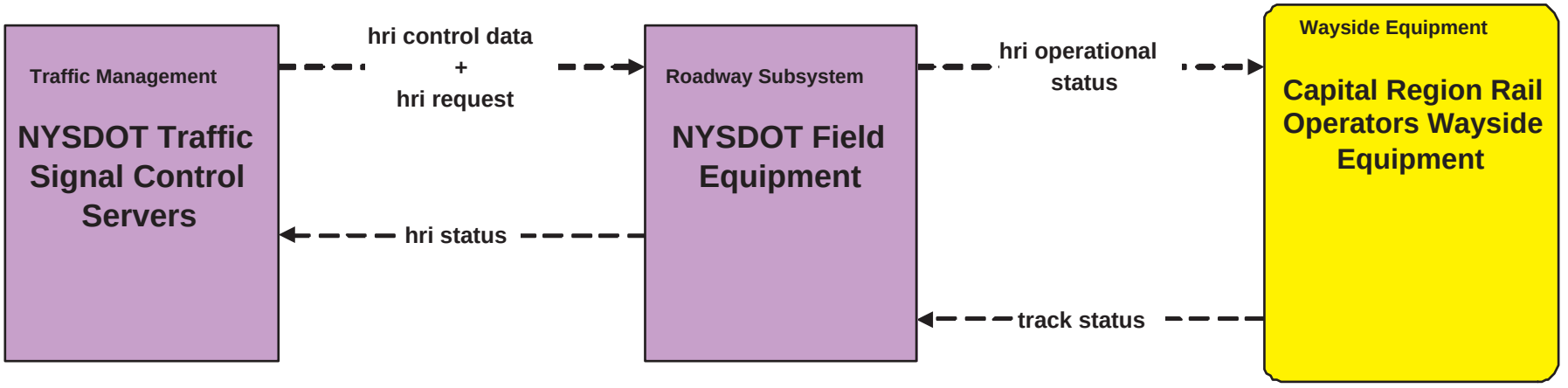


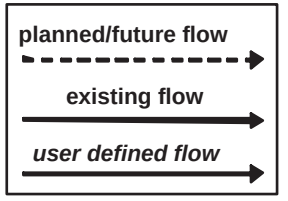


ATMS09 - Traffic Forecast and Demand Management
CDTC Real-Time Travel Demand Model

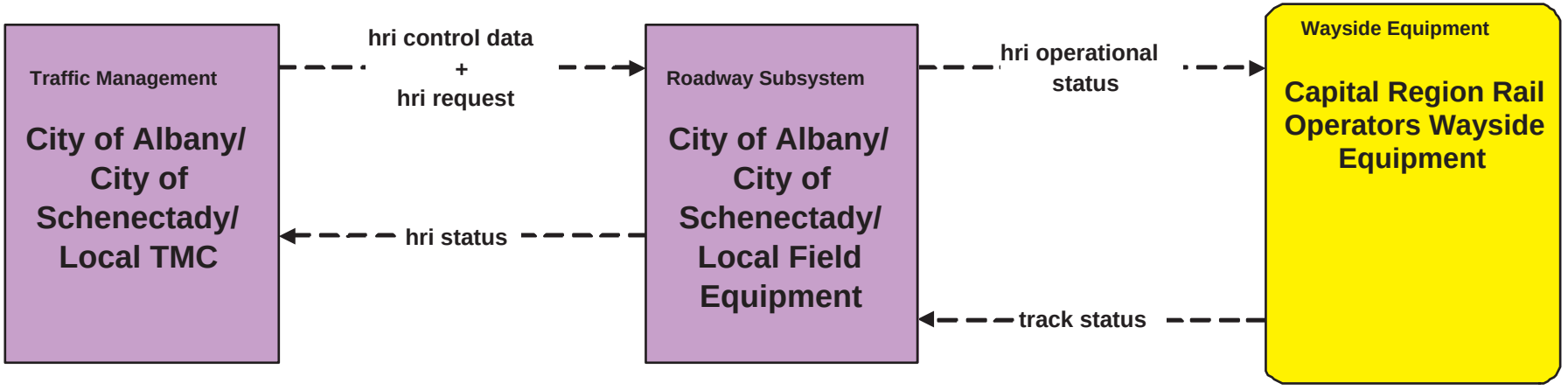


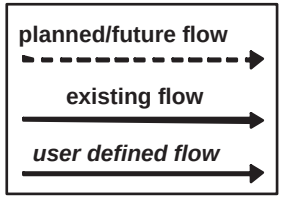
ATMS 13 - Standard Railroad Crossing
NYSDOT



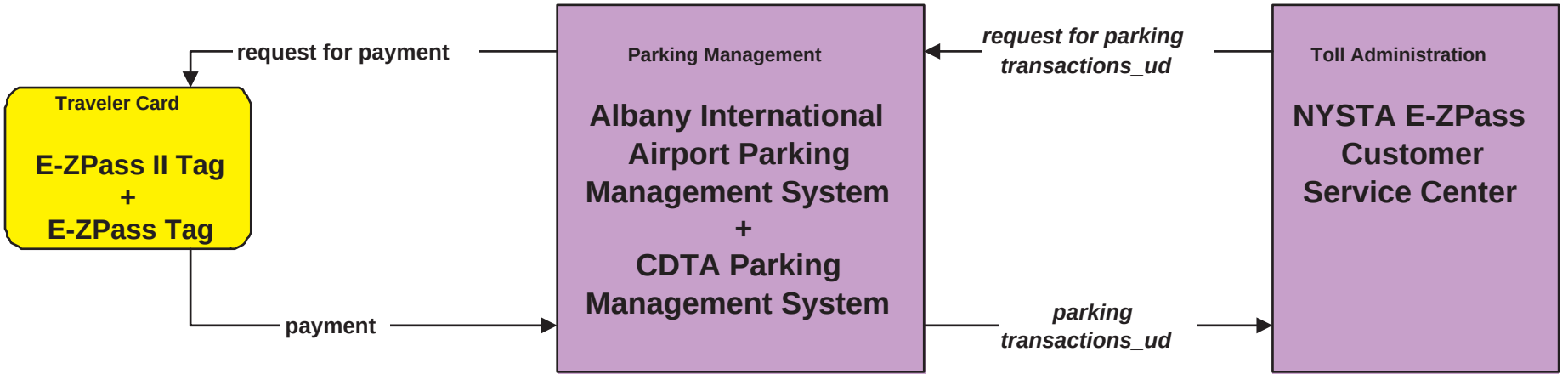


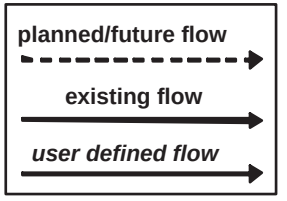
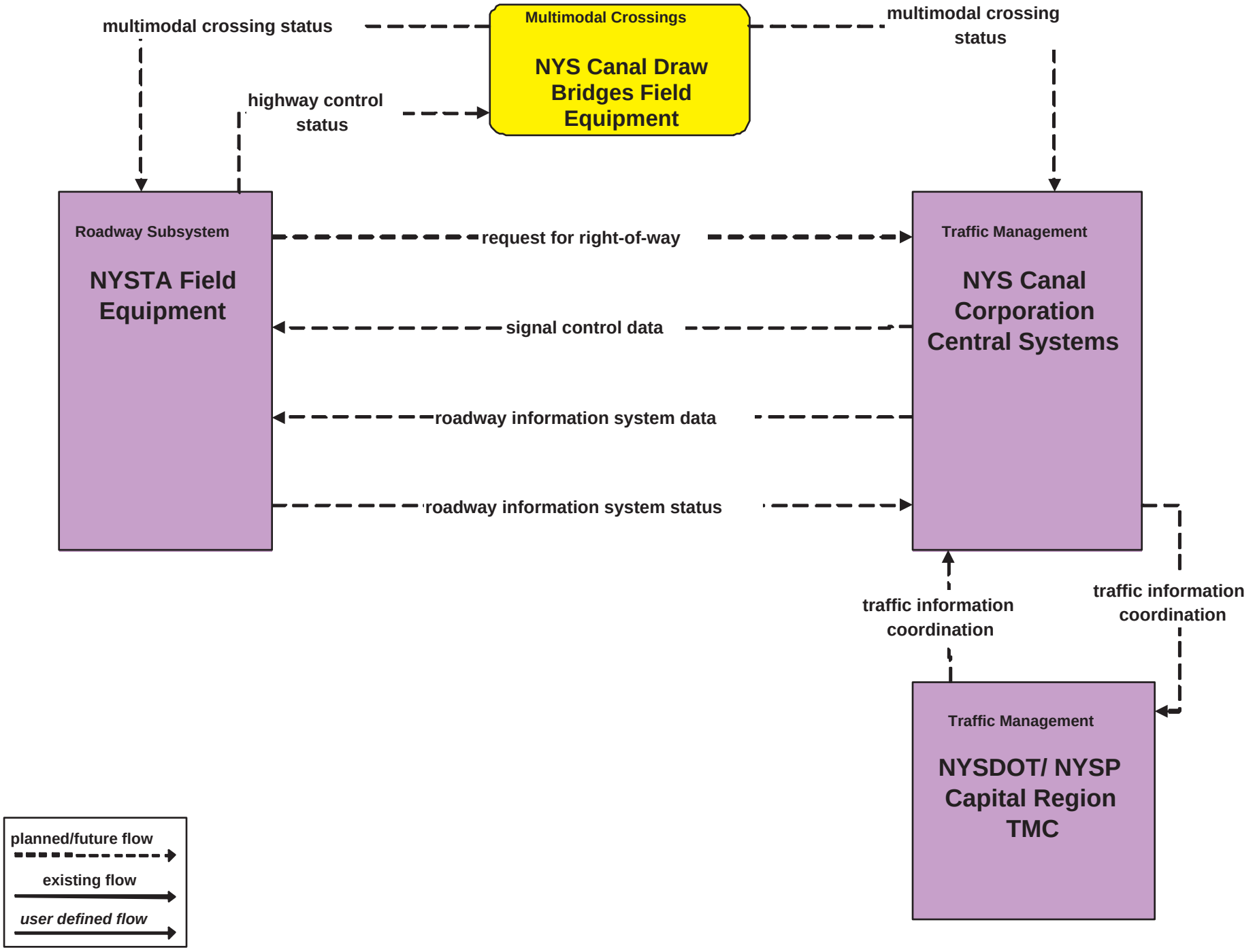
ATMS 13 - Standard Railroad Crossing
City of Albany/City of Schenectady/Local TMC





ATMS 16 - Parking Facility Management
Albany Airport & CDTA Parking





ATMS20 - Drawbridge Management
NYSTA