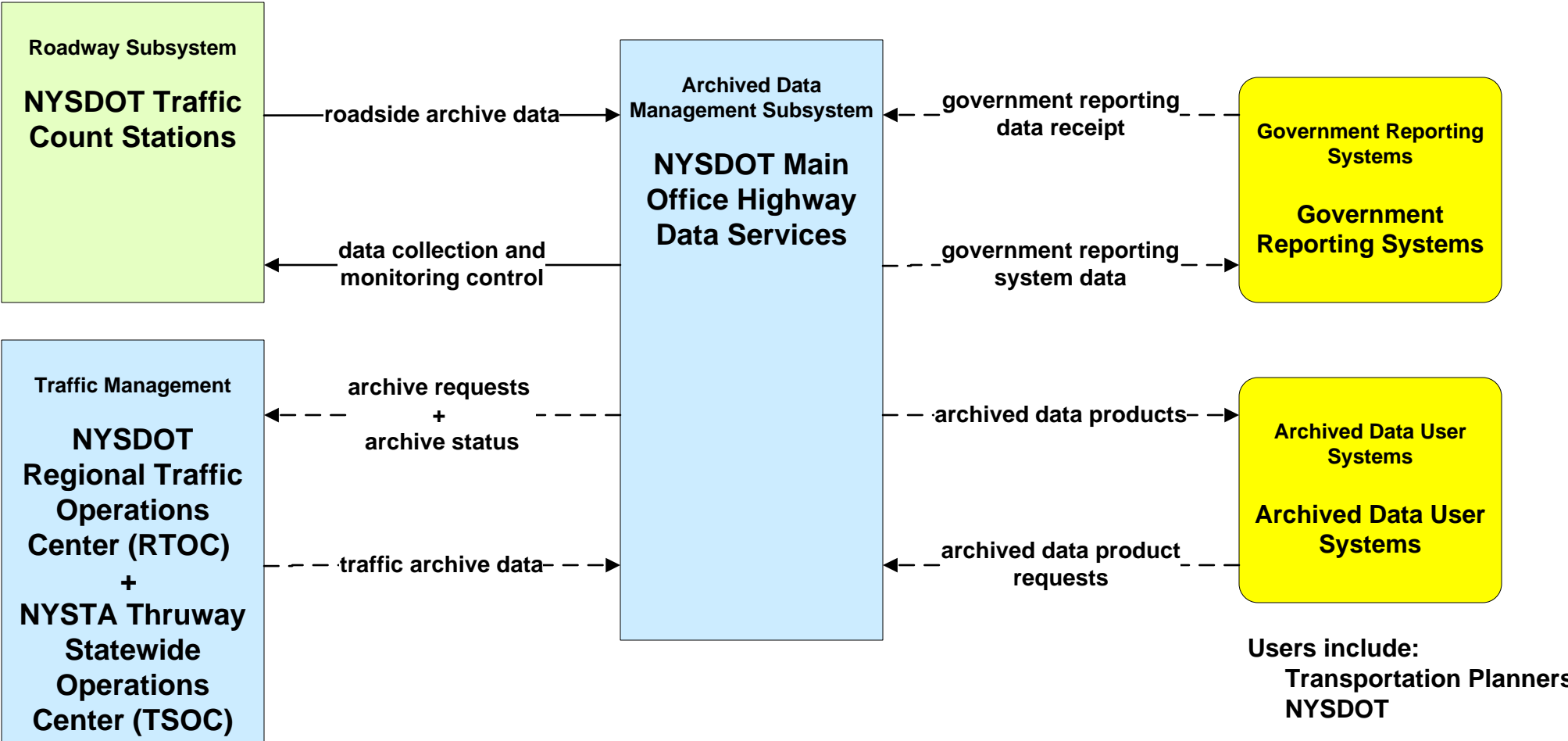
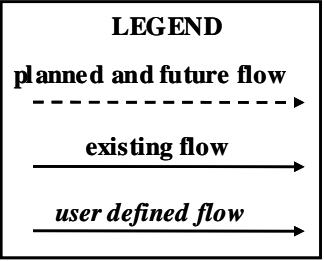


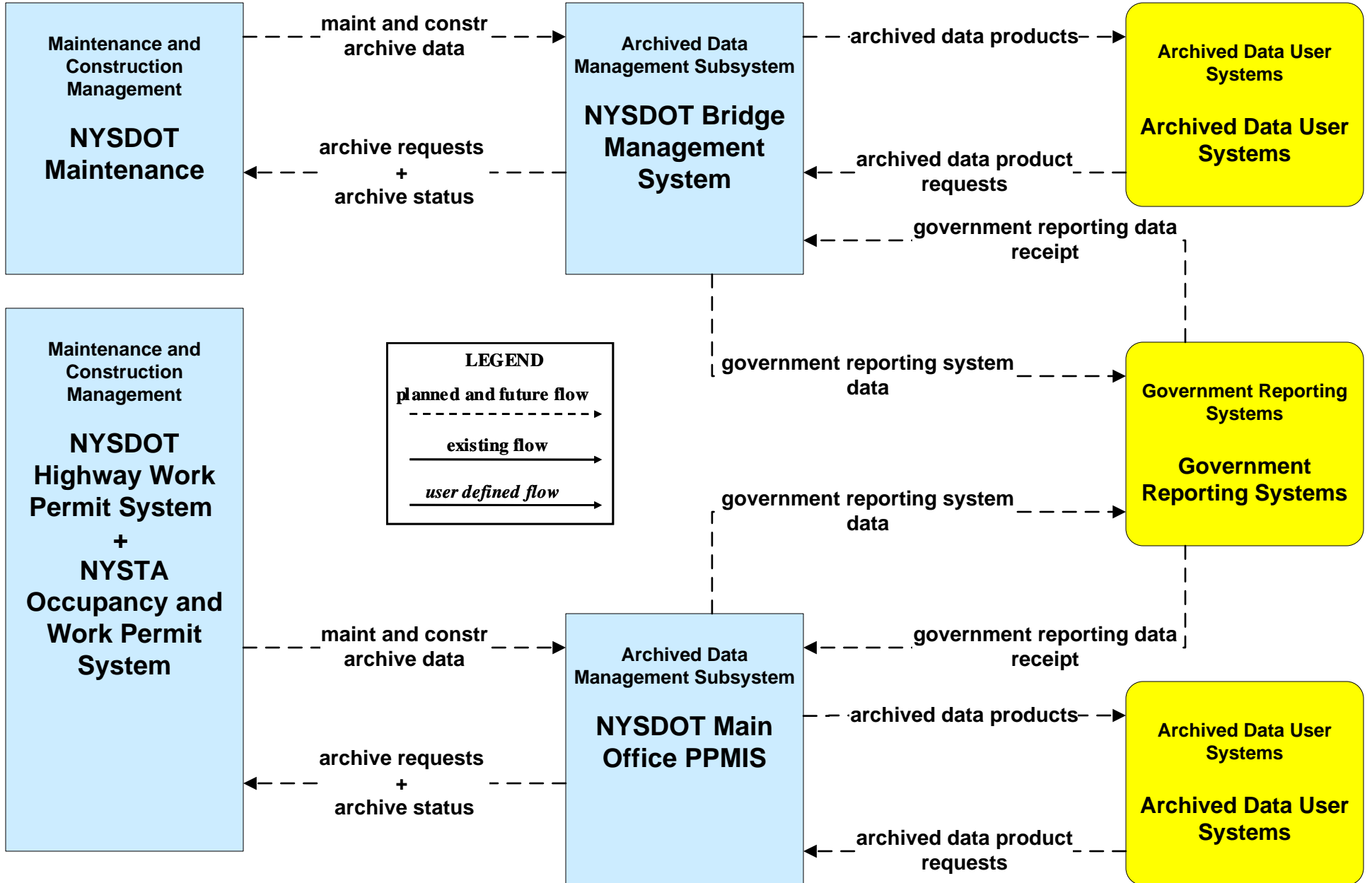
**AD1 - ITS Data Mart
 NYSDOT Main Office Highway Data Services**



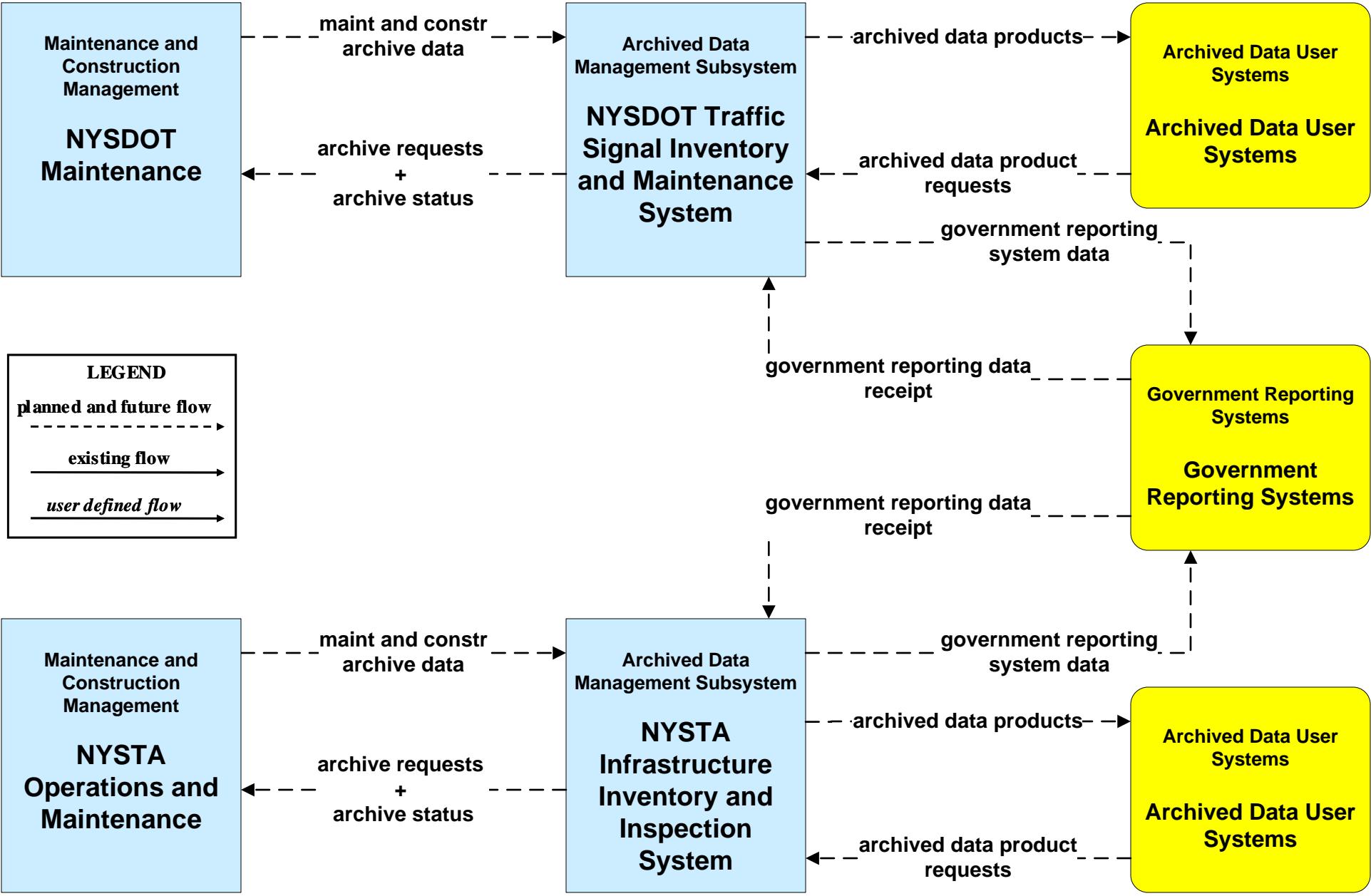
**Users include:
 Transportation Planners
 NYSDOT**



**AD1 - ITS Data Mart
NYSDOT**



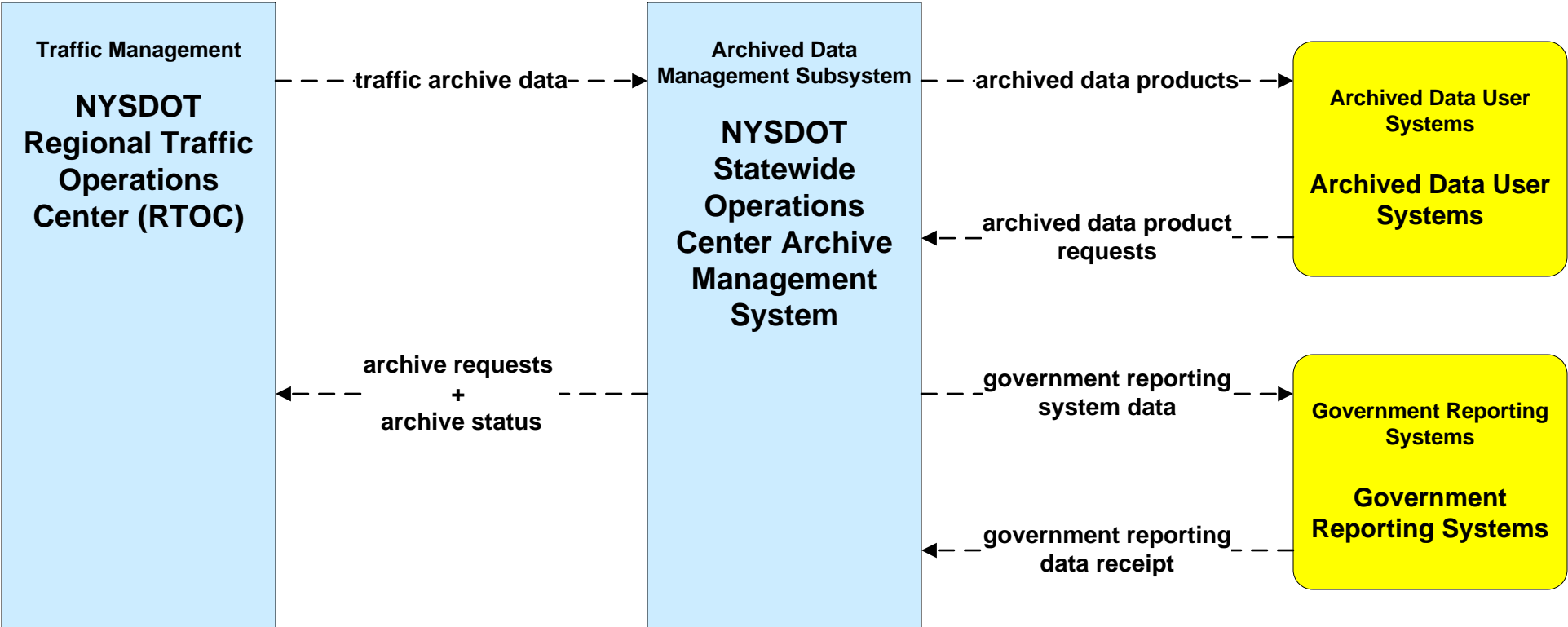
**AD1 - ITS Data Mart
 NYSDOT / NYSTA Inventory Systems**



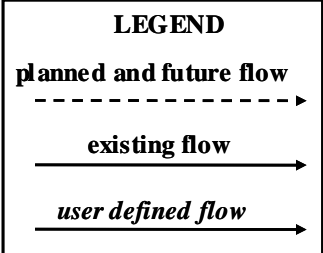
LEGEND

- planned and future flow* (dashed arrow)
- existing flow* (solid arrow)
- user defined flow* (solid arrow)

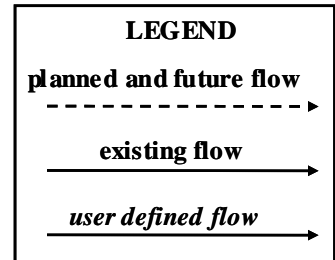
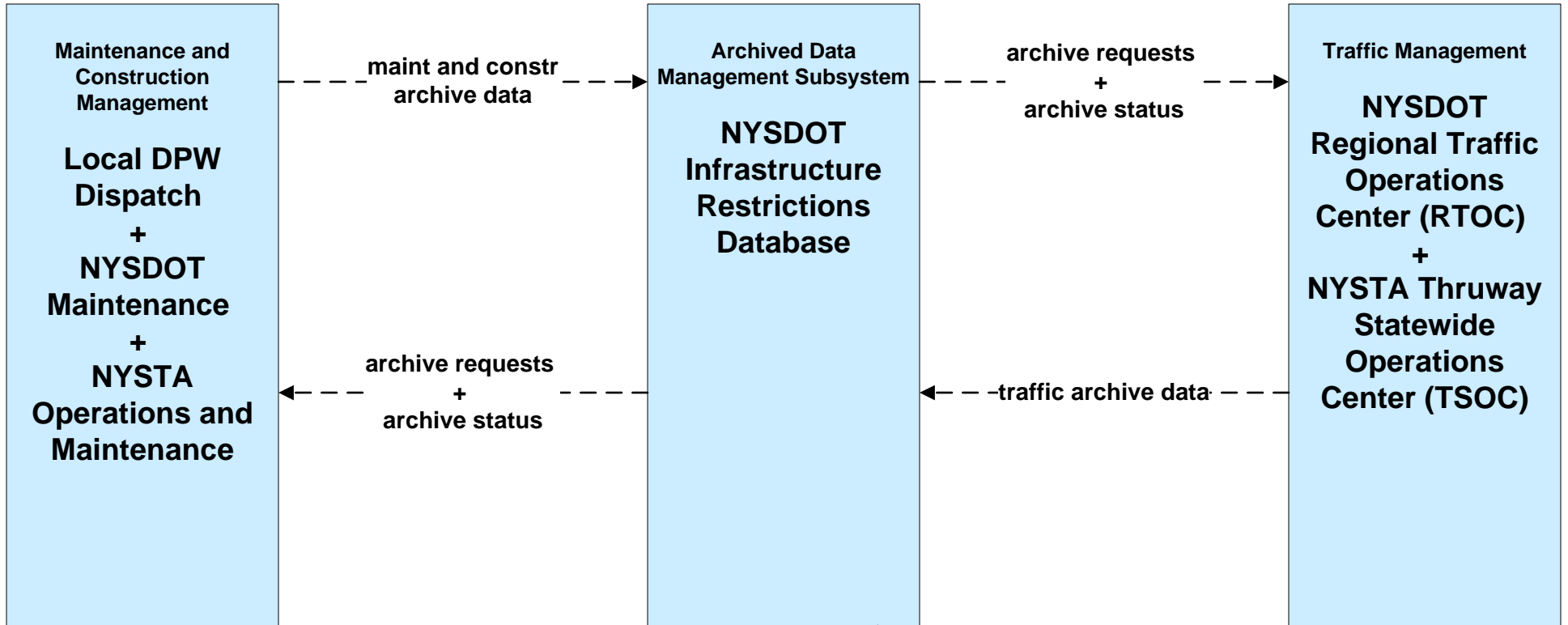
**AD1 - ITS Data Mart
 NYSDOT Statewide Operations Center Archive Management System**



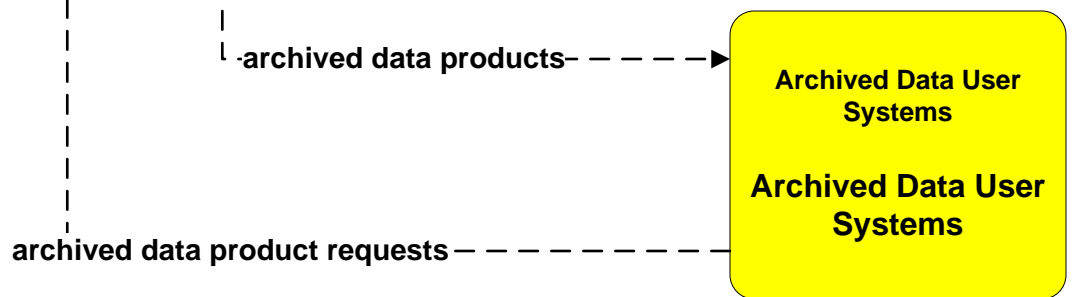
Users include:
 Transportation Planners
 NYSDOT
 Federal Highway Administration
 Public Requests



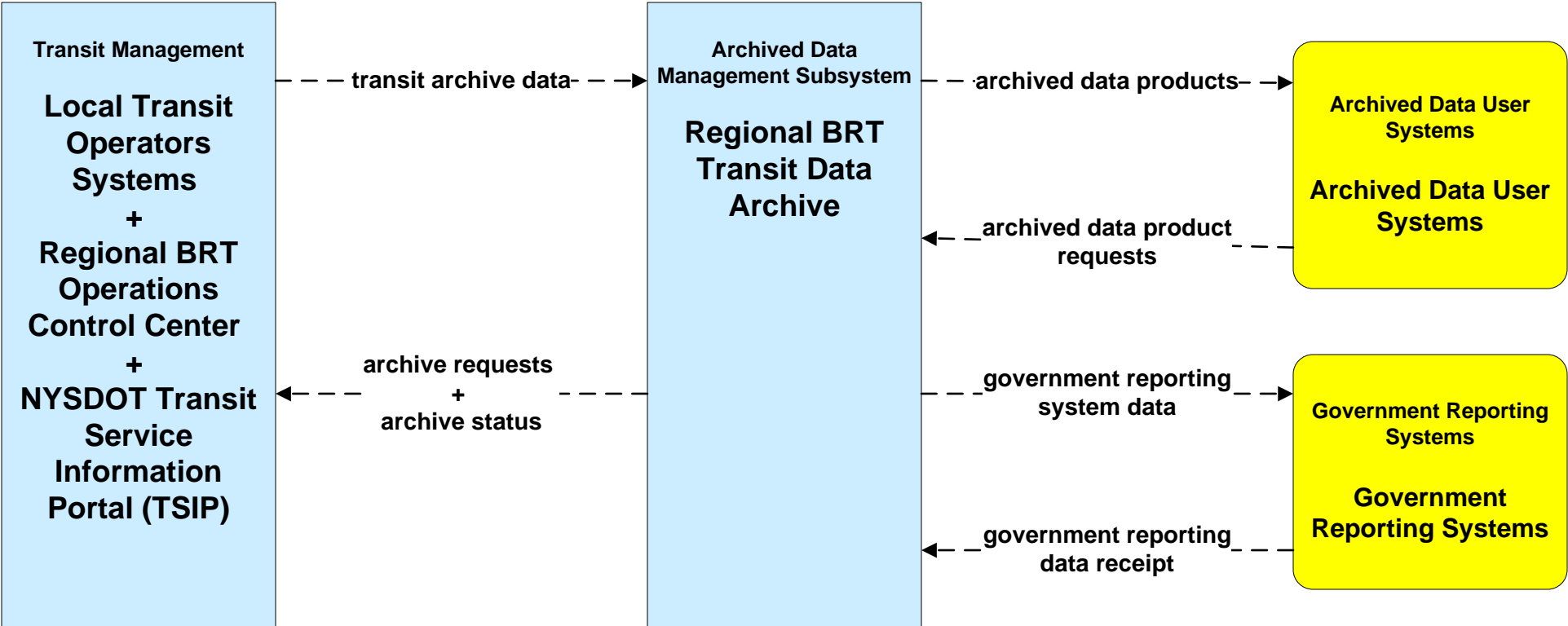
**AD2 - ITS Data Warehouse
 NYSDOT Infrastructure Restrictions Database**



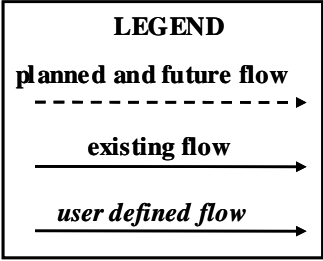
Users include:
 Transit Agencies
 NYSDOT
 Area Fire/Police
 Local EMS
 Public Requests
 CVO Permit Agencies



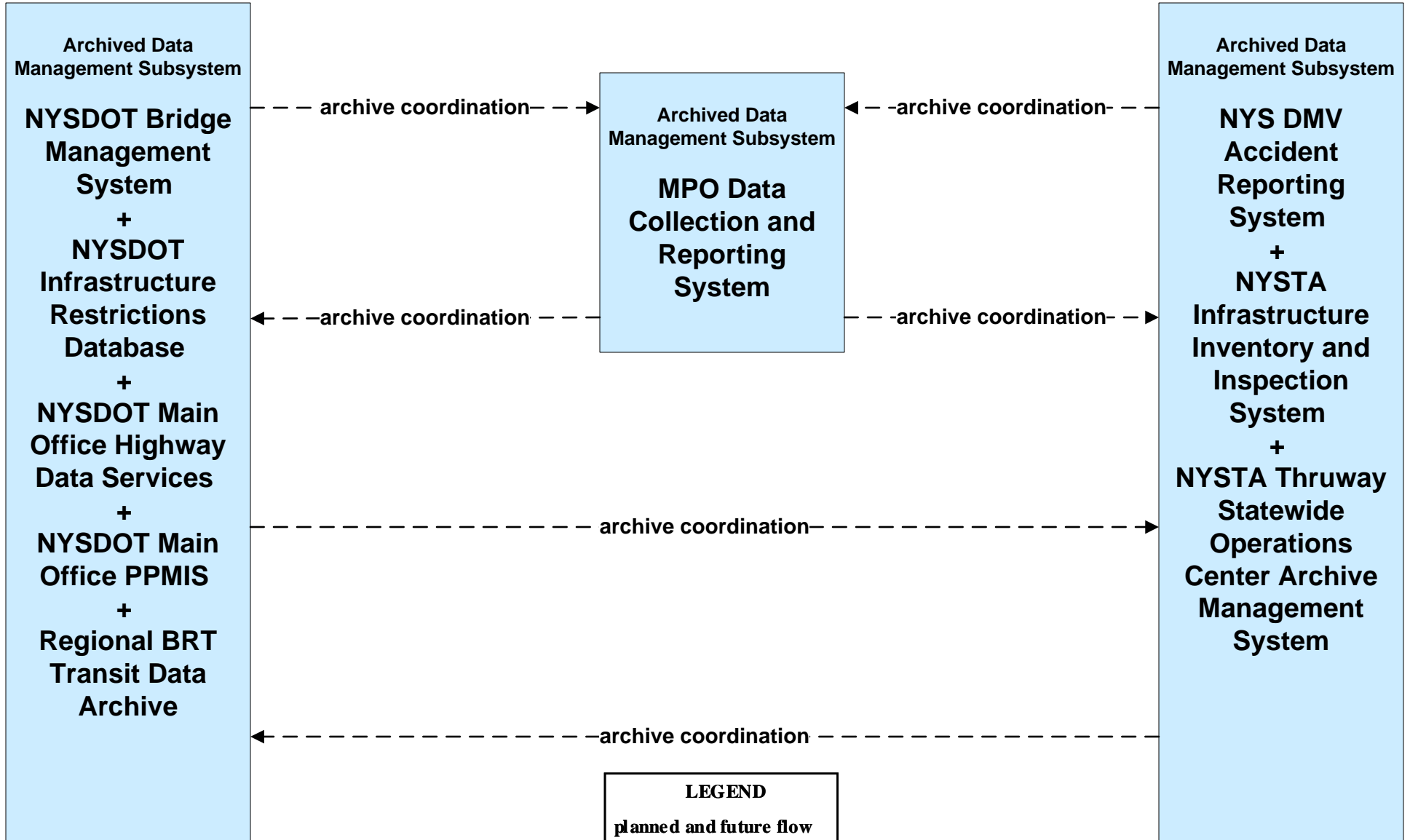
**AD2 - ITS Data Warehouse
 NYSDOT Transit Data Archive**



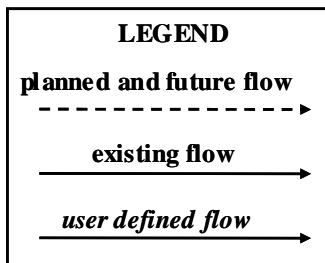
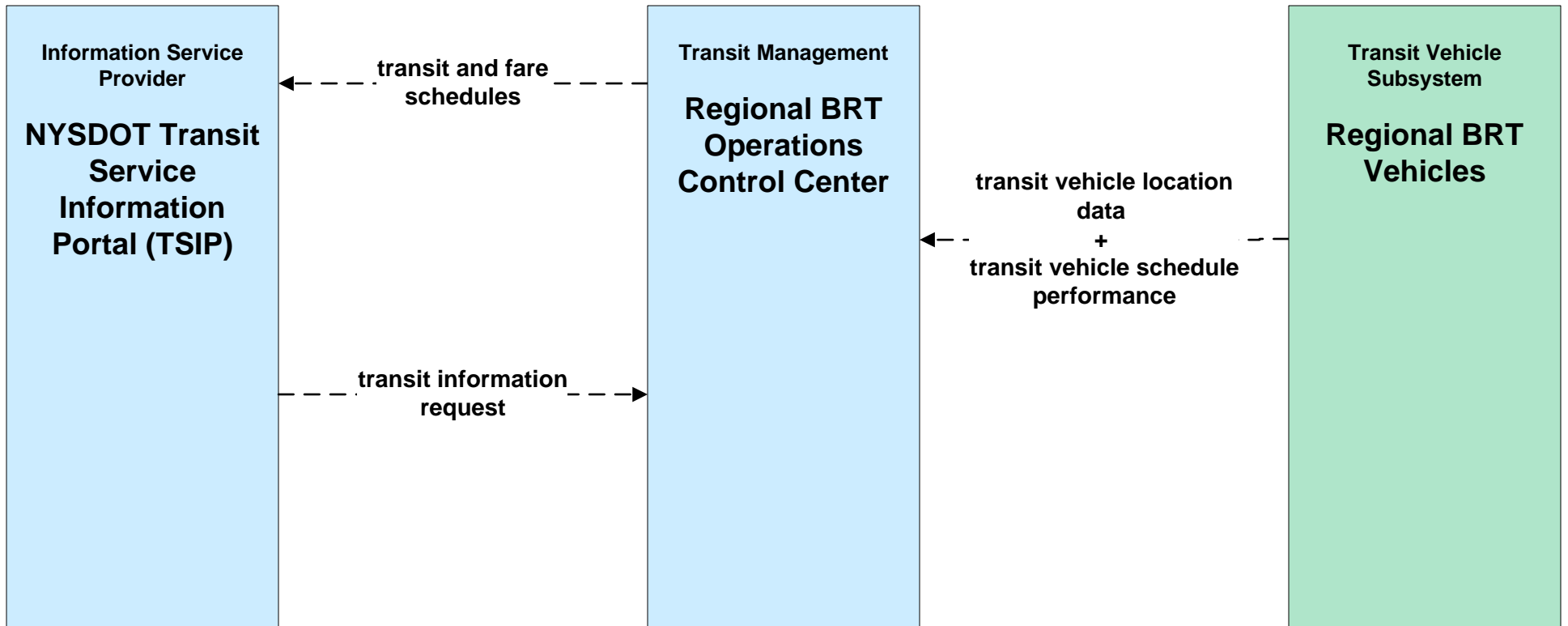
Users include:
 Federal Agencies
 NYSDOT
 System Designers
 Public Requests



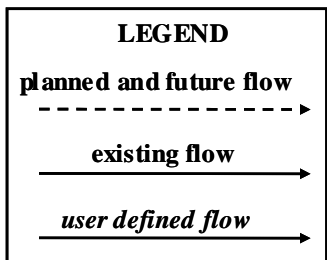
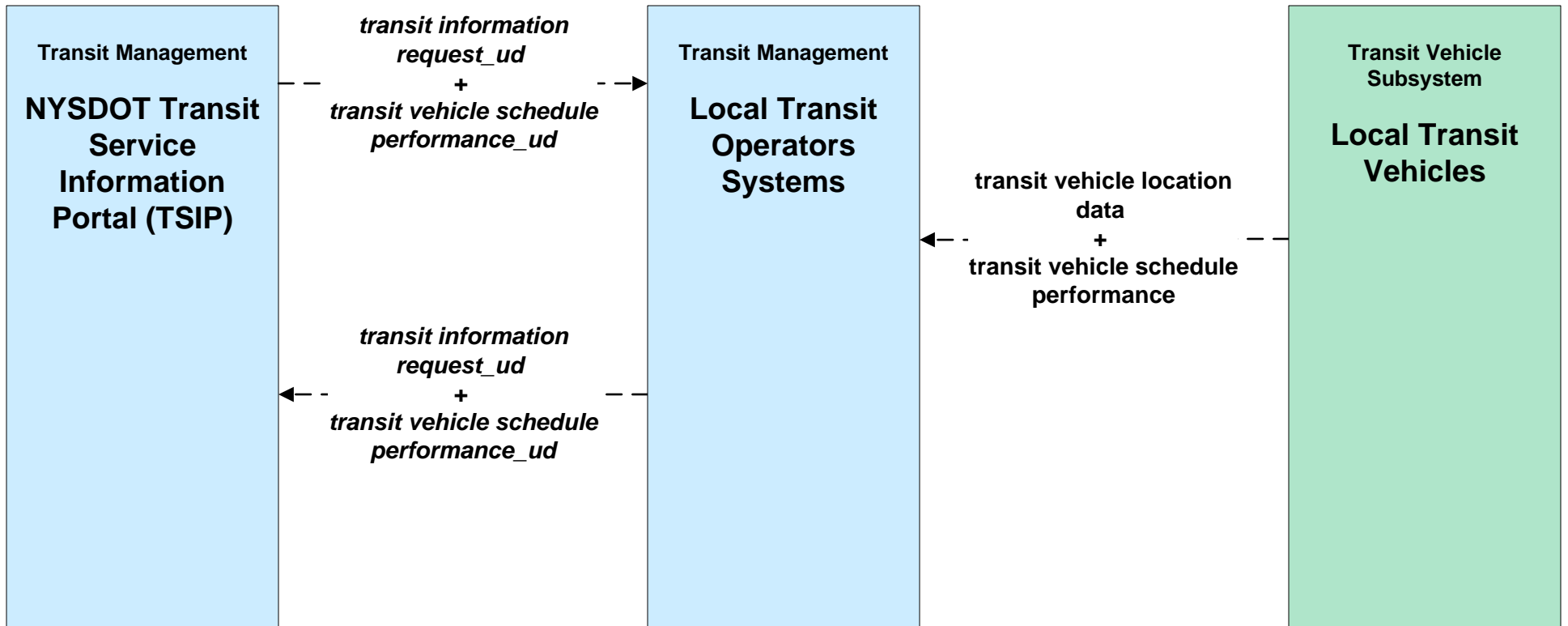
**AD3 - ITS Virtual Data Warehouse
Archive Data Sharing Network**



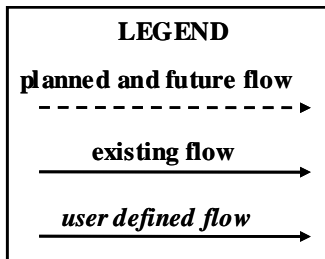
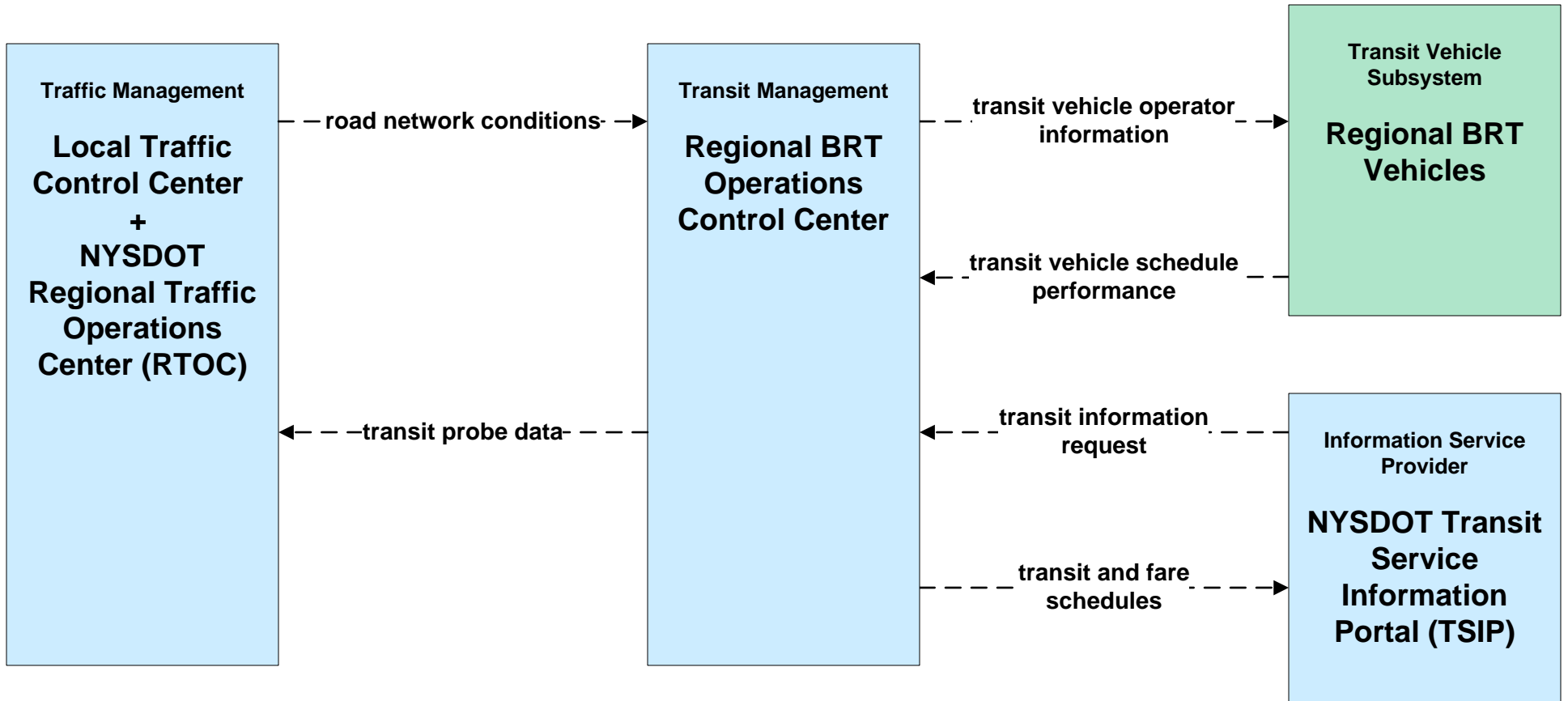
APTS01 - Transit Vehicle Tracking Regional BRT



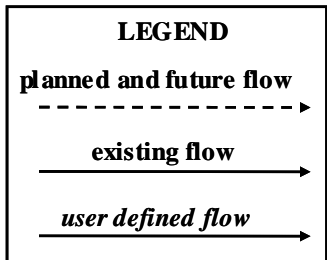
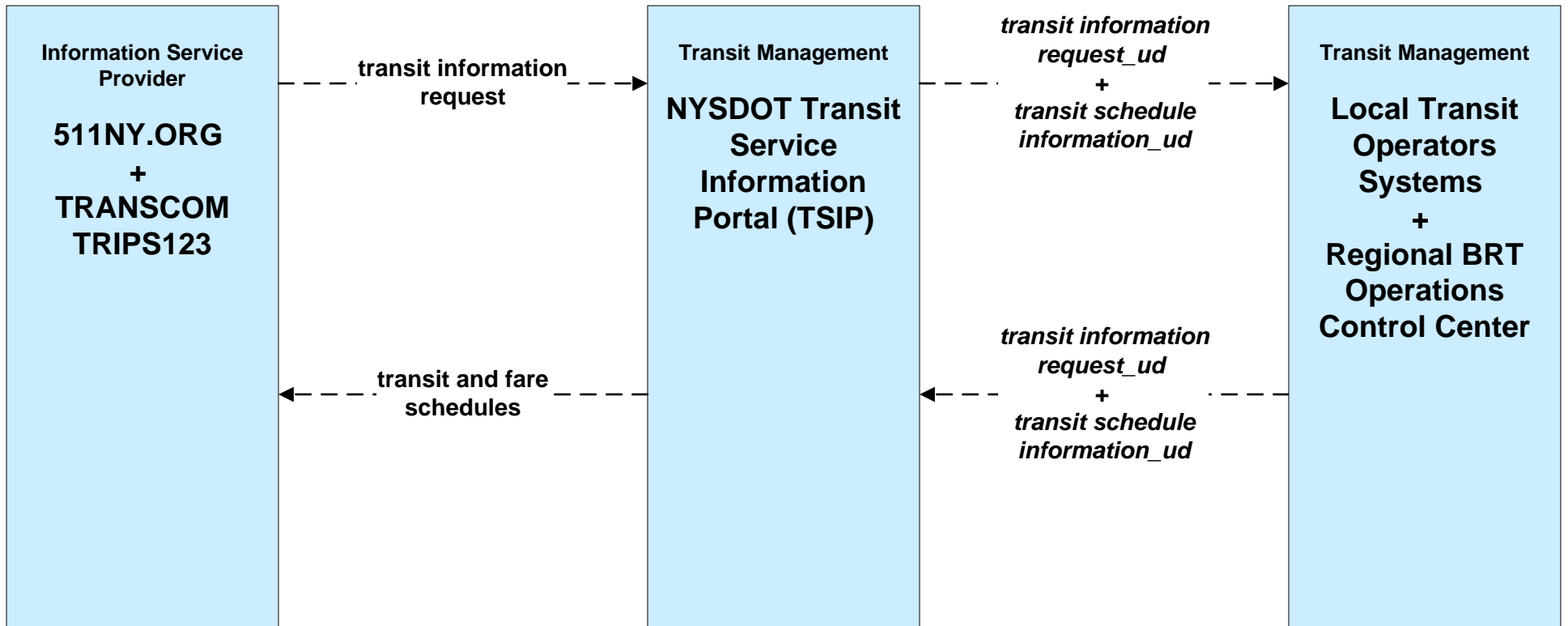
**APTS01 - Transit Vehicle Tracking
NYSDOT TSIP**



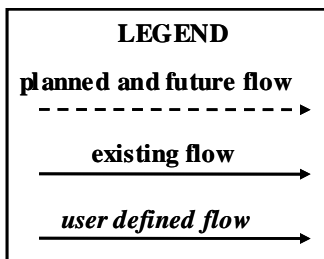
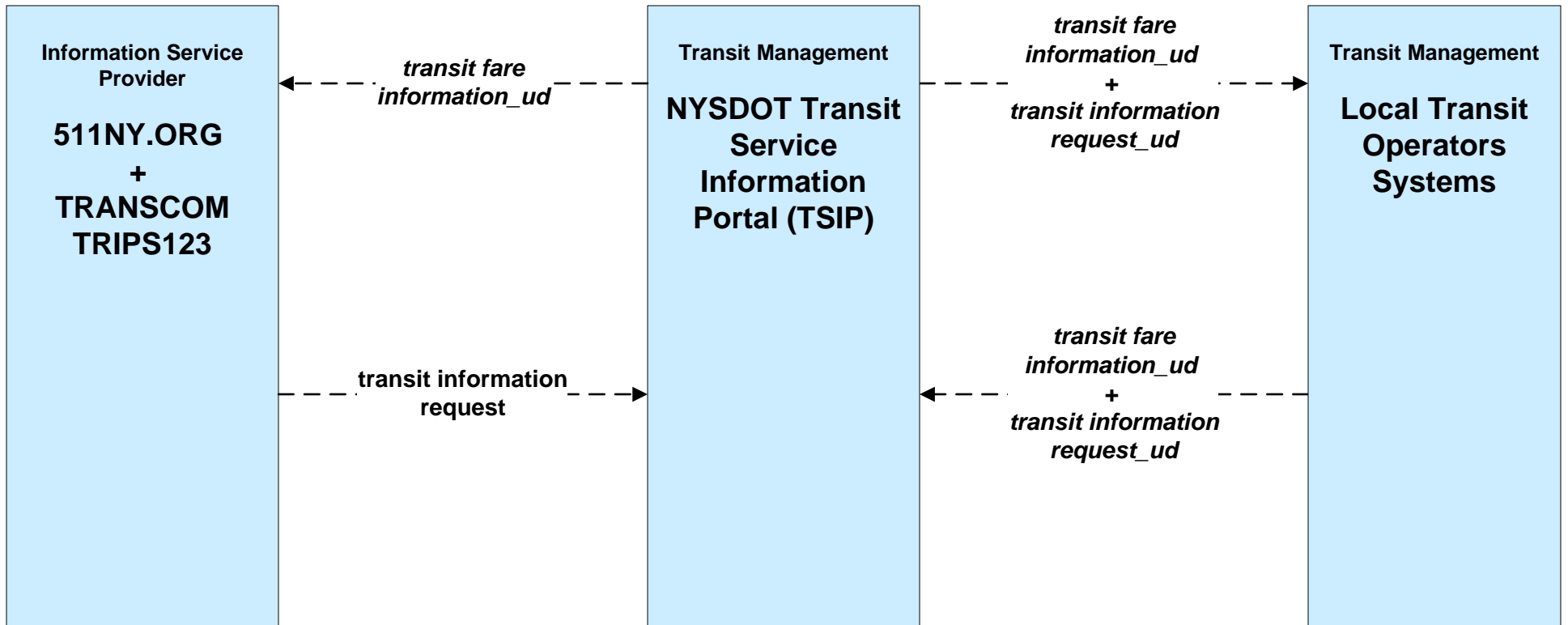
APTS02 - Transit Fixed-Route Operations Regional BRT



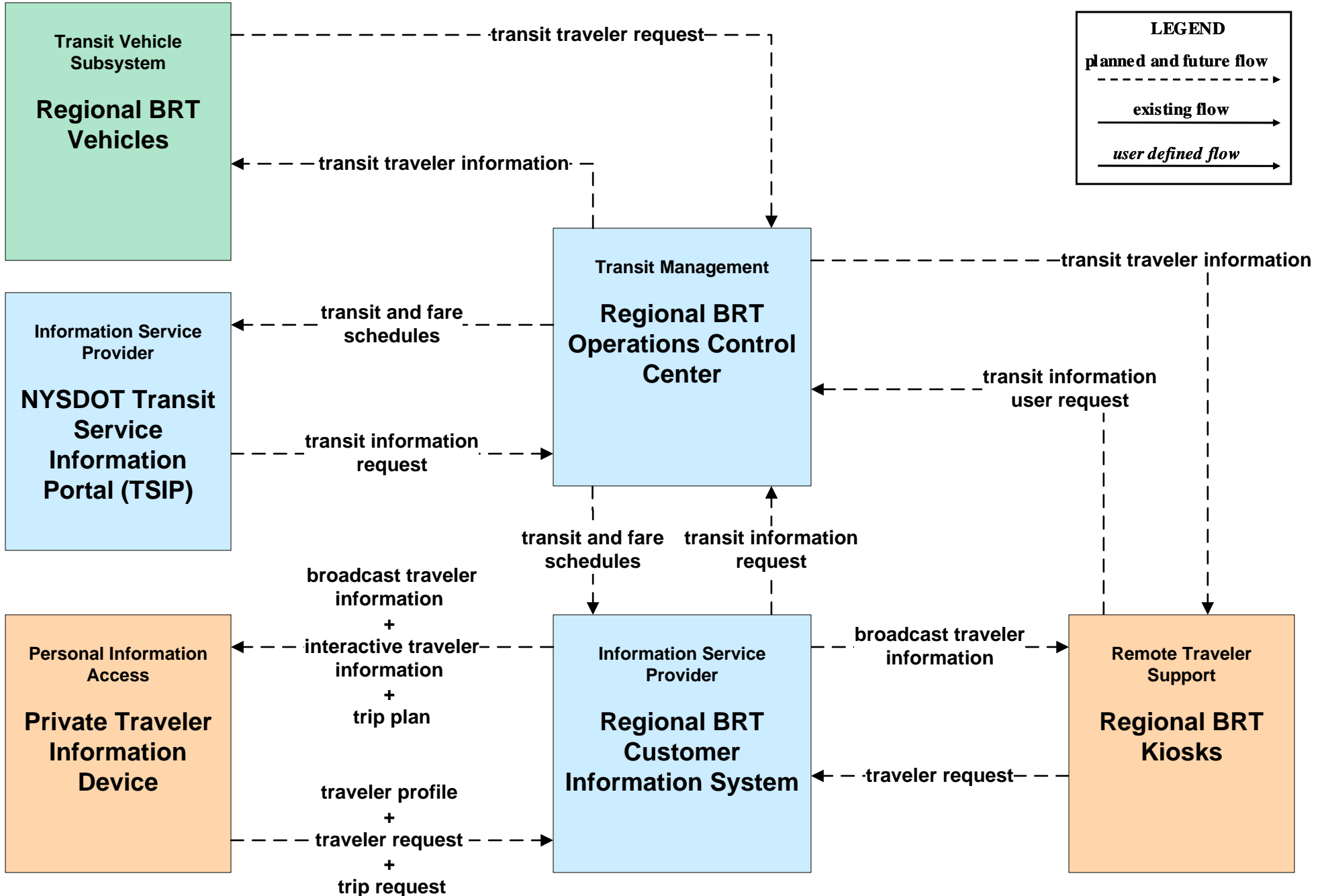
**APTS02 - Transit Fixed-Route Operations
NYSDOT TSIP**



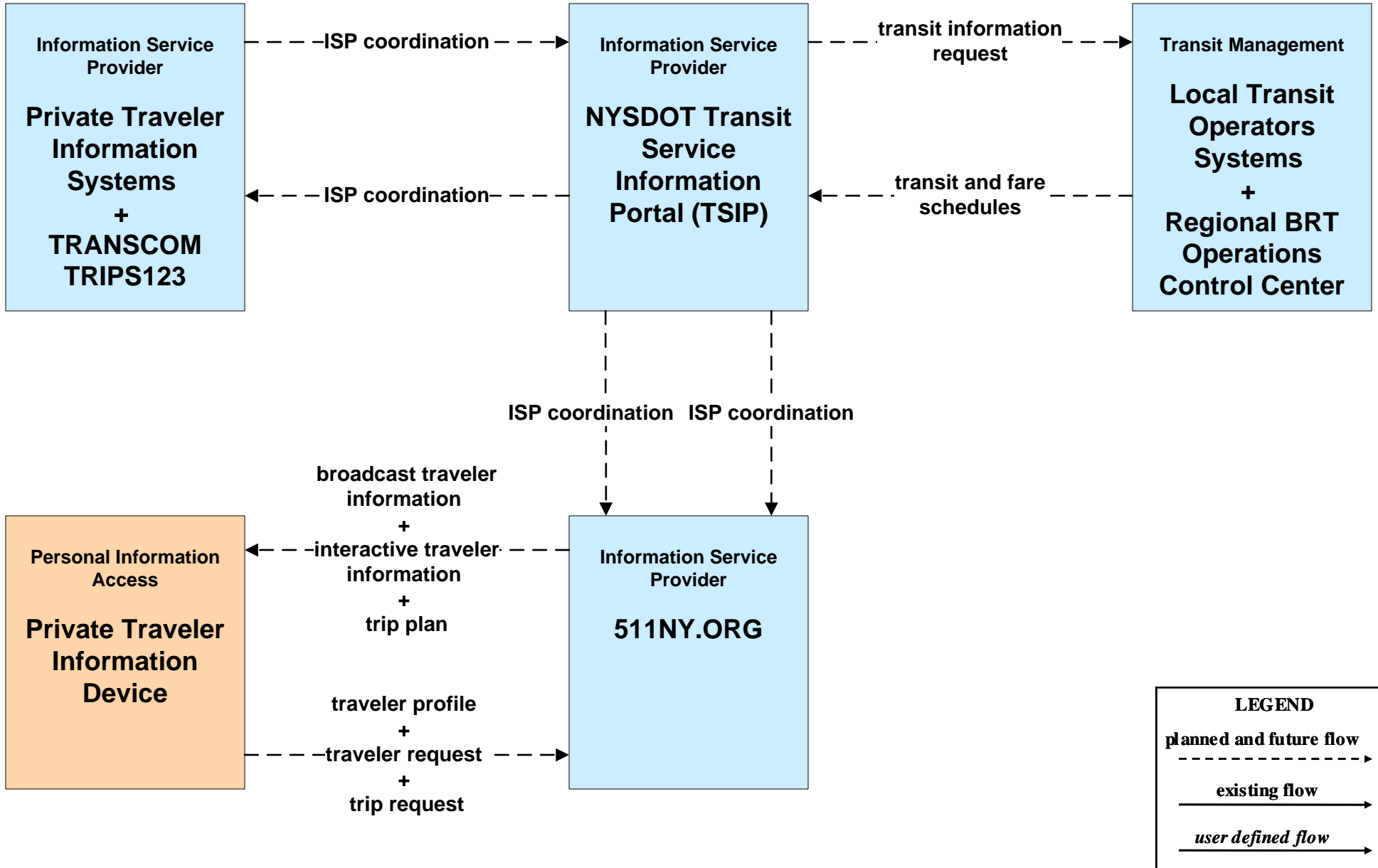
**APTS04 - Transit Fare Collection Management
NYSDOT TSIP**



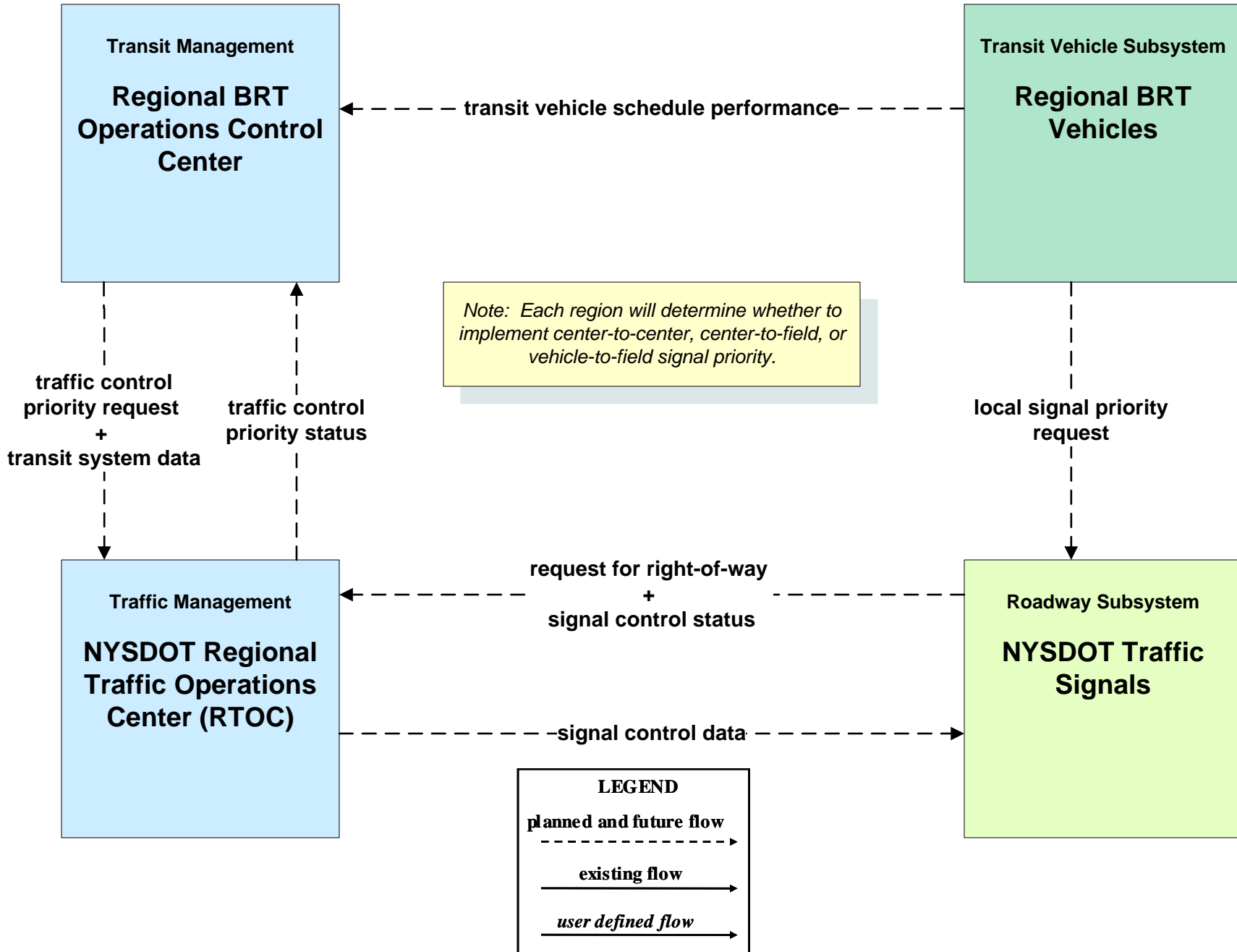
APTS08 - Transit Traveler Information Regional BRT



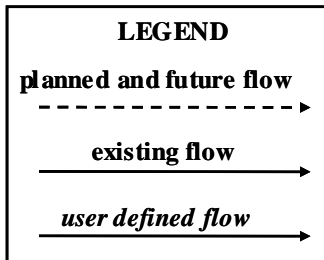
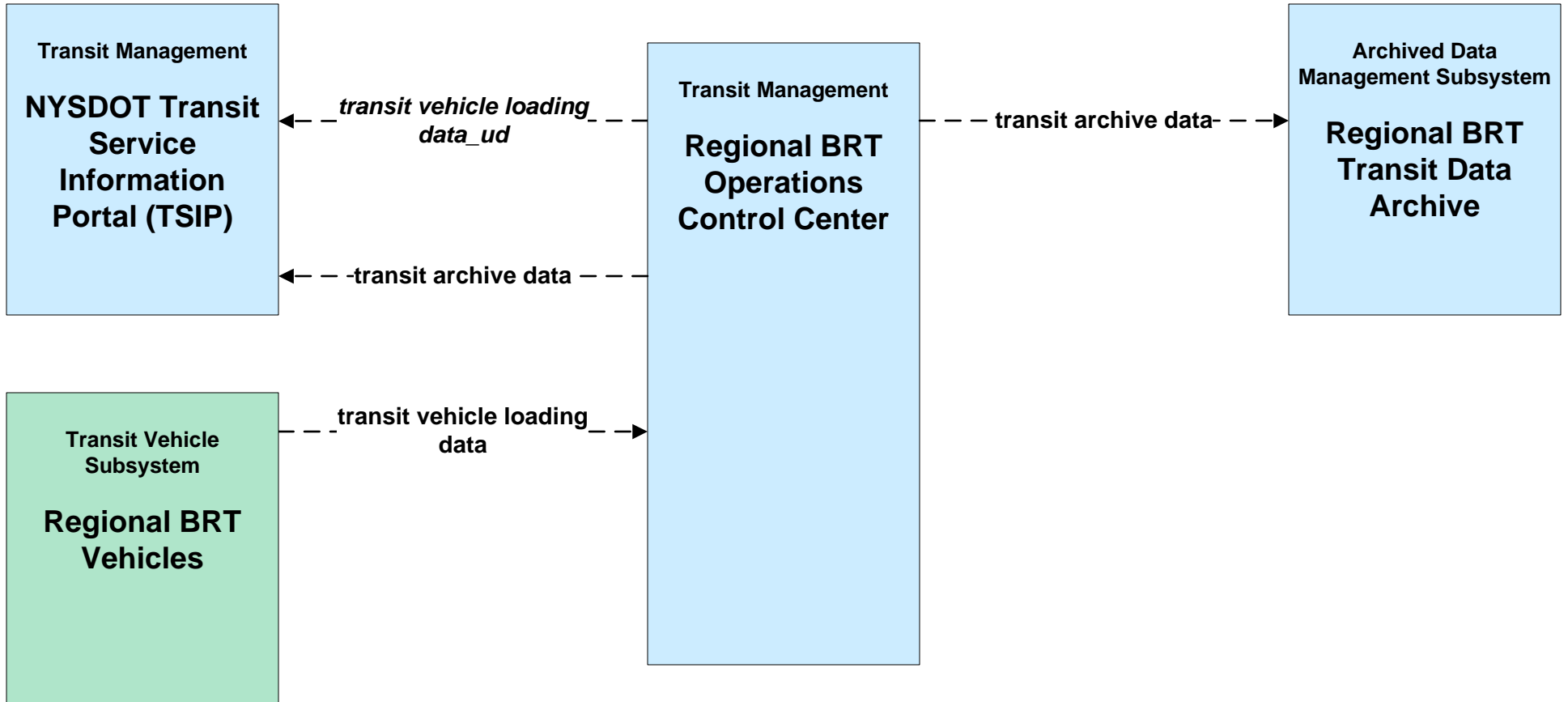
**APTS08 - Transit Traveler Information
 NYSDOT TSIP / 511NY.ORG**



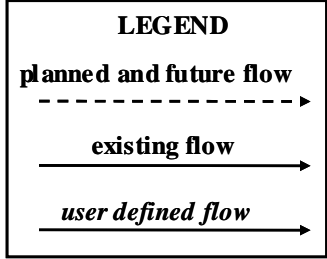
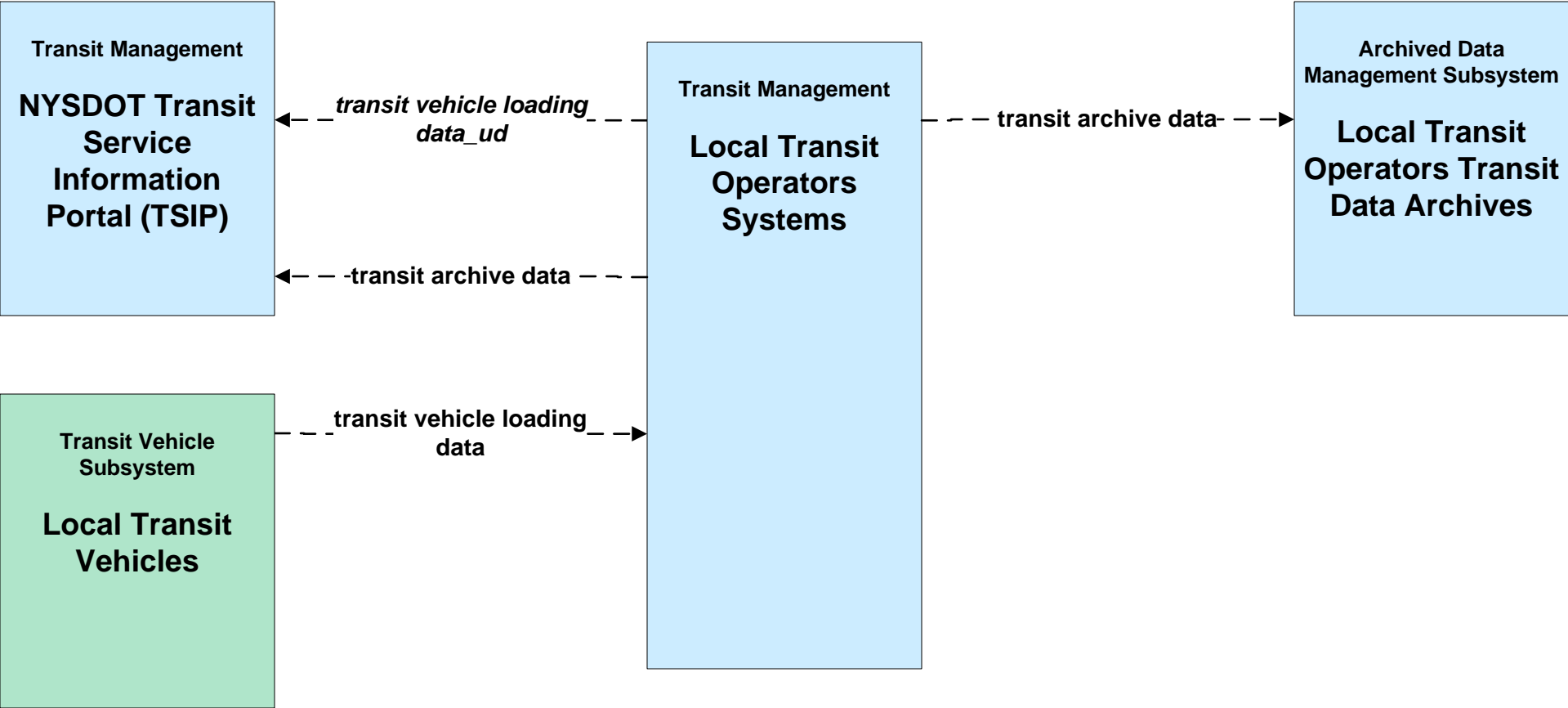
APTS09 – Transit Signal Priority Regional BRT



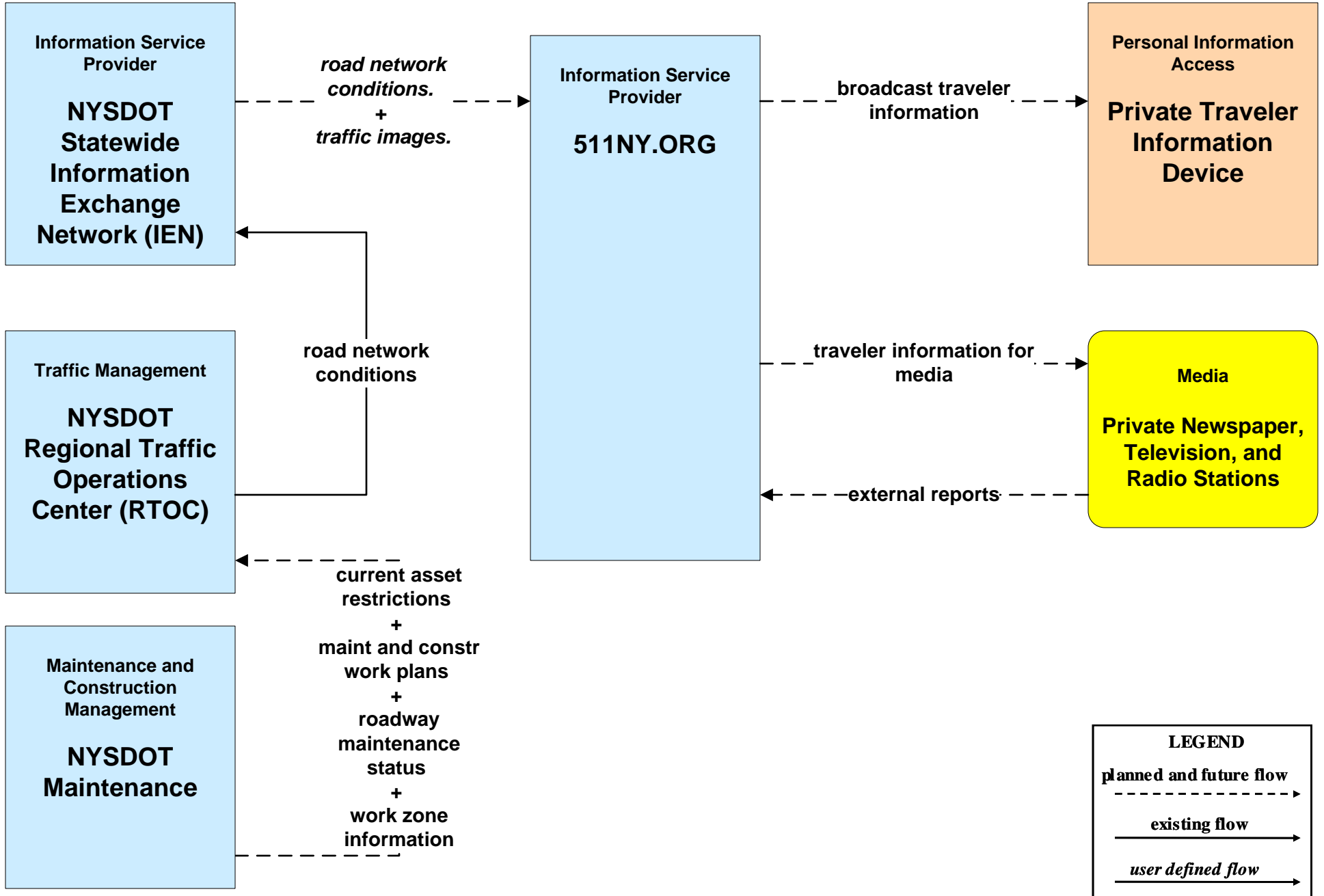
**APTS10 - Transit Passenger Counting
NYSDOT TSIP / Regional BRT**



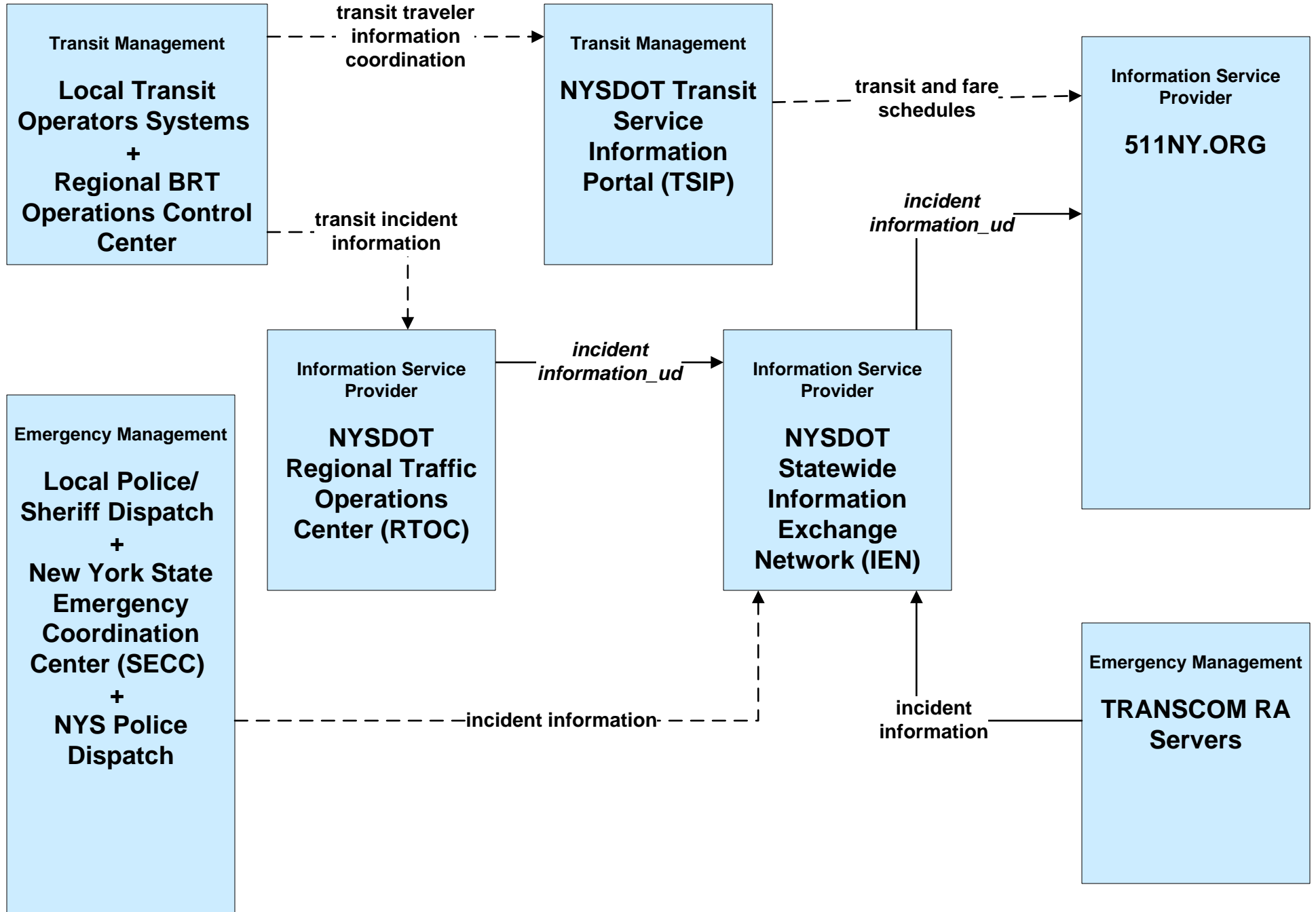
**APTS10 - Transit Passenger Counting
NYSDOT TSIP / Local Transit Operators**



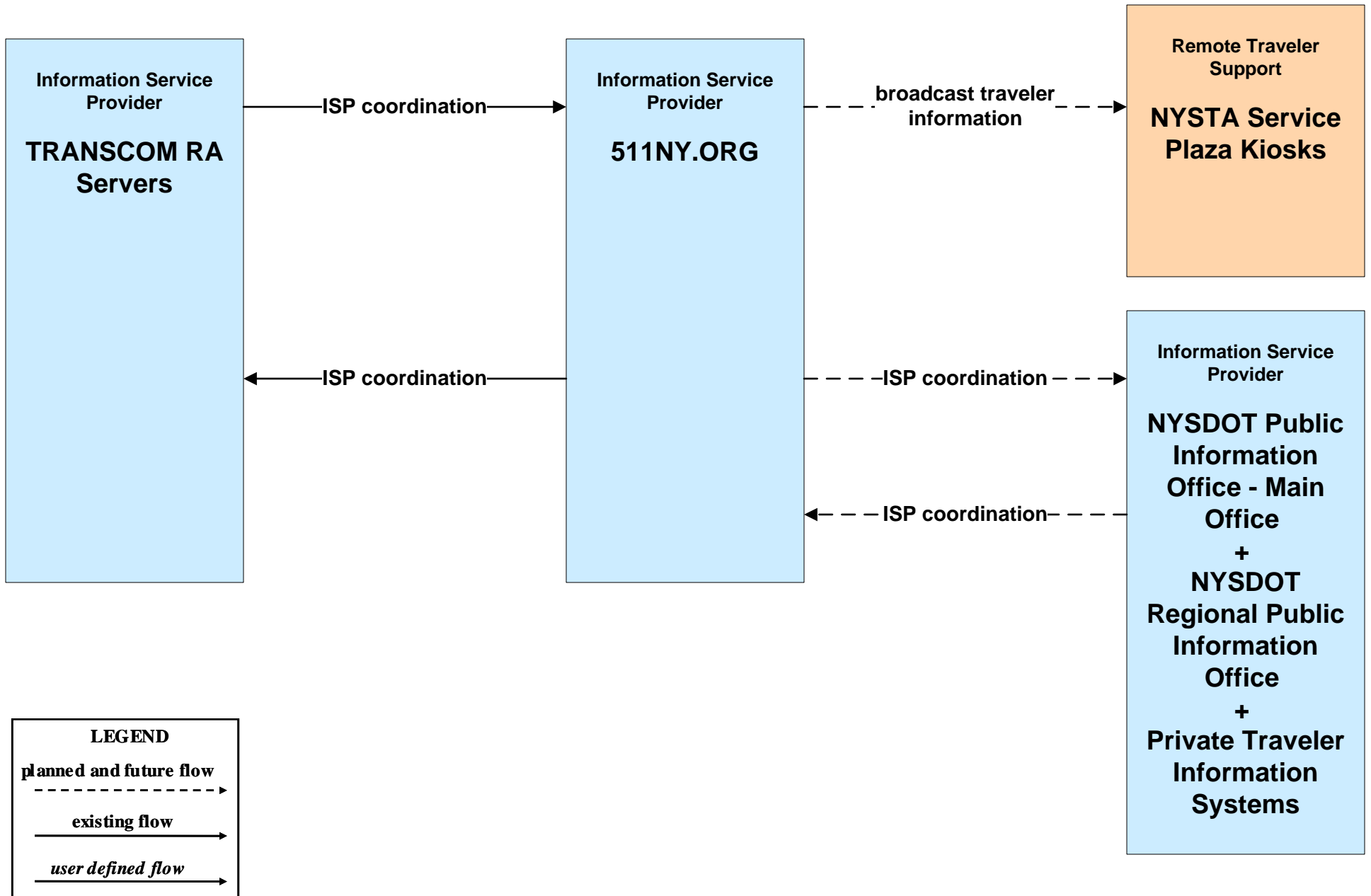
**ATIS01 - Broadcast Traveler Information
511NY.ORG – Road Network Conditions (1 of 3)**



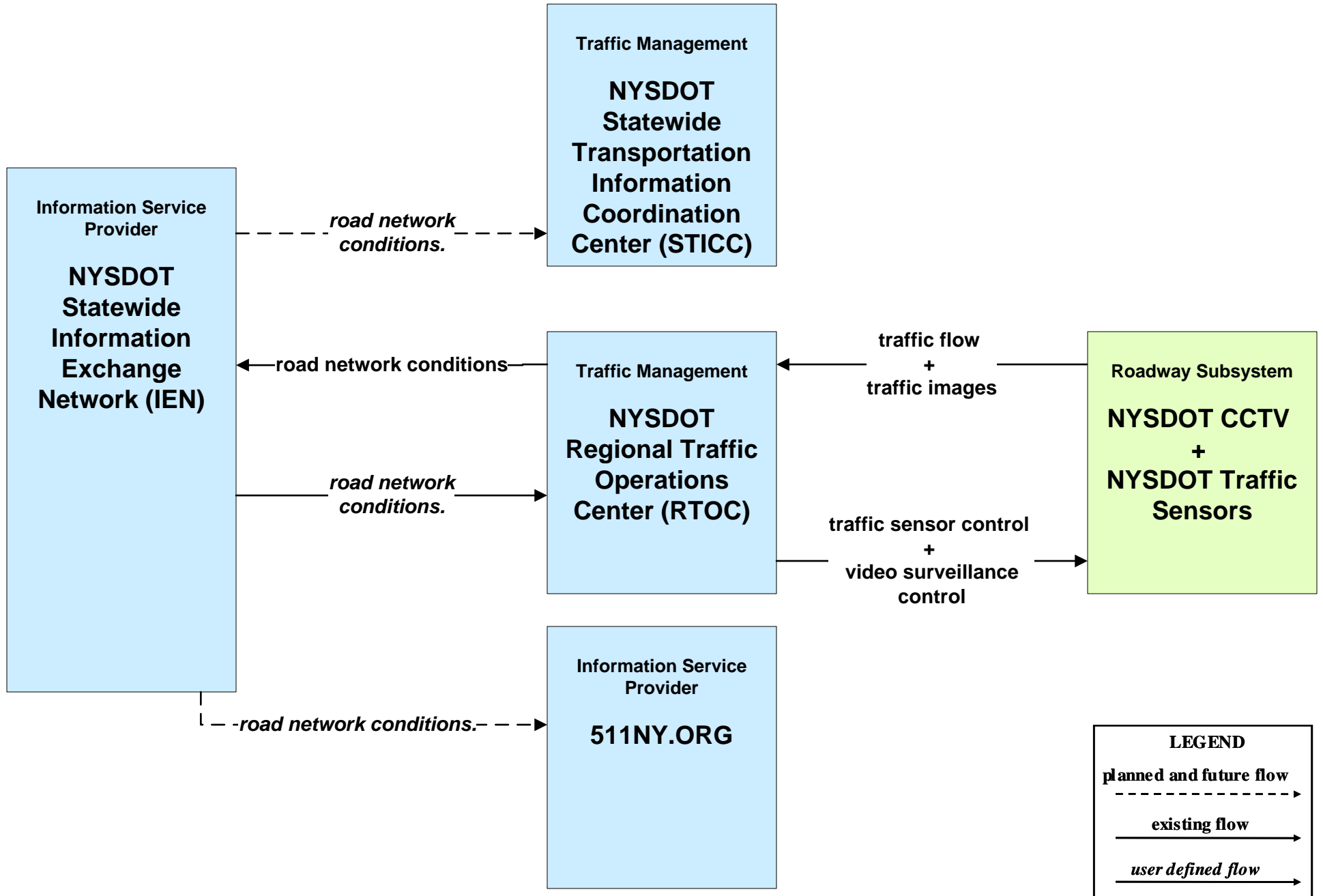
ATIS01 - Broadcast Traveler Information
511NY.ORG – Incidents (2 of 3)



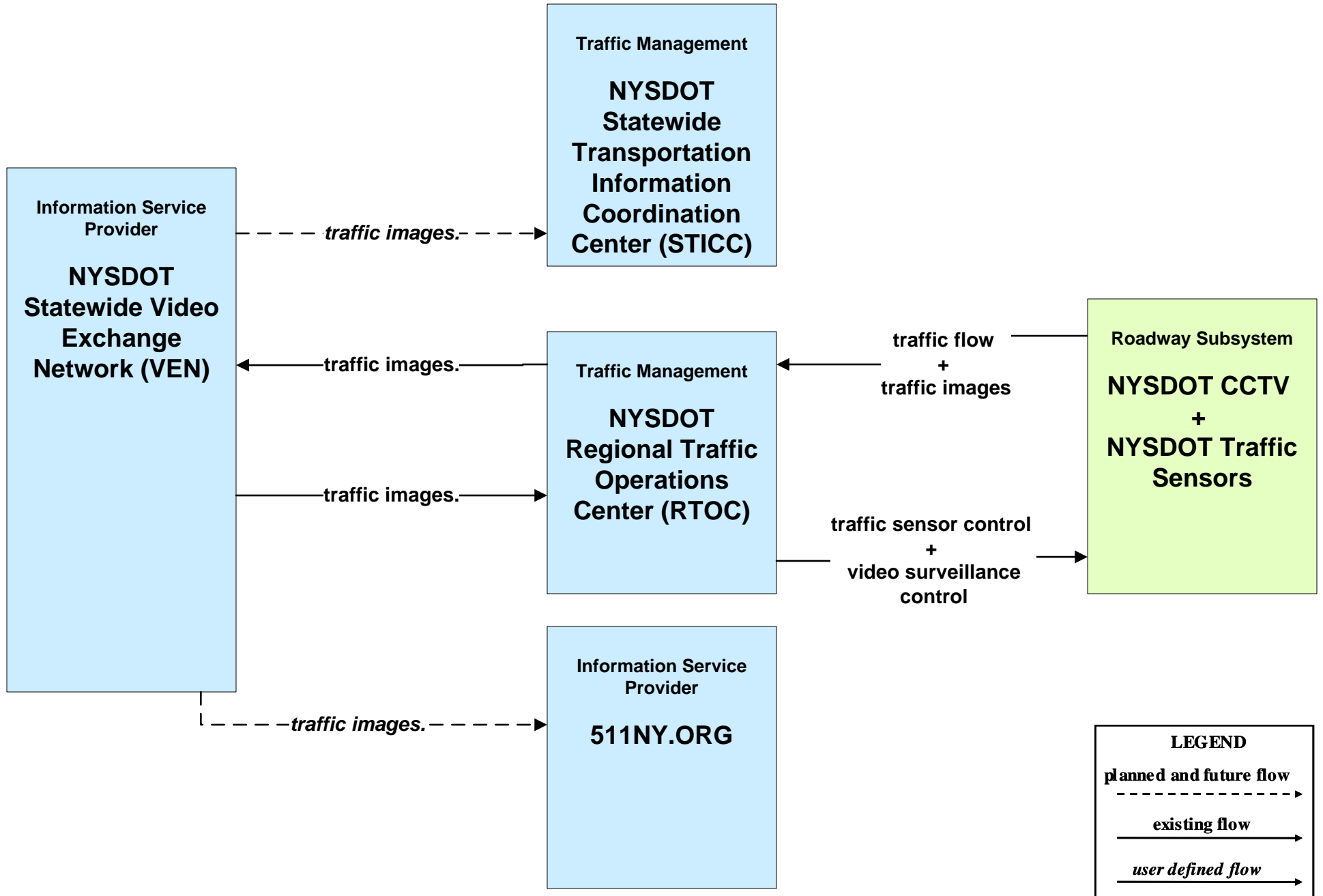
**ATIS01 - Broadcast Traveler Information
NYSDOT 511.ORG (3 of 3)**



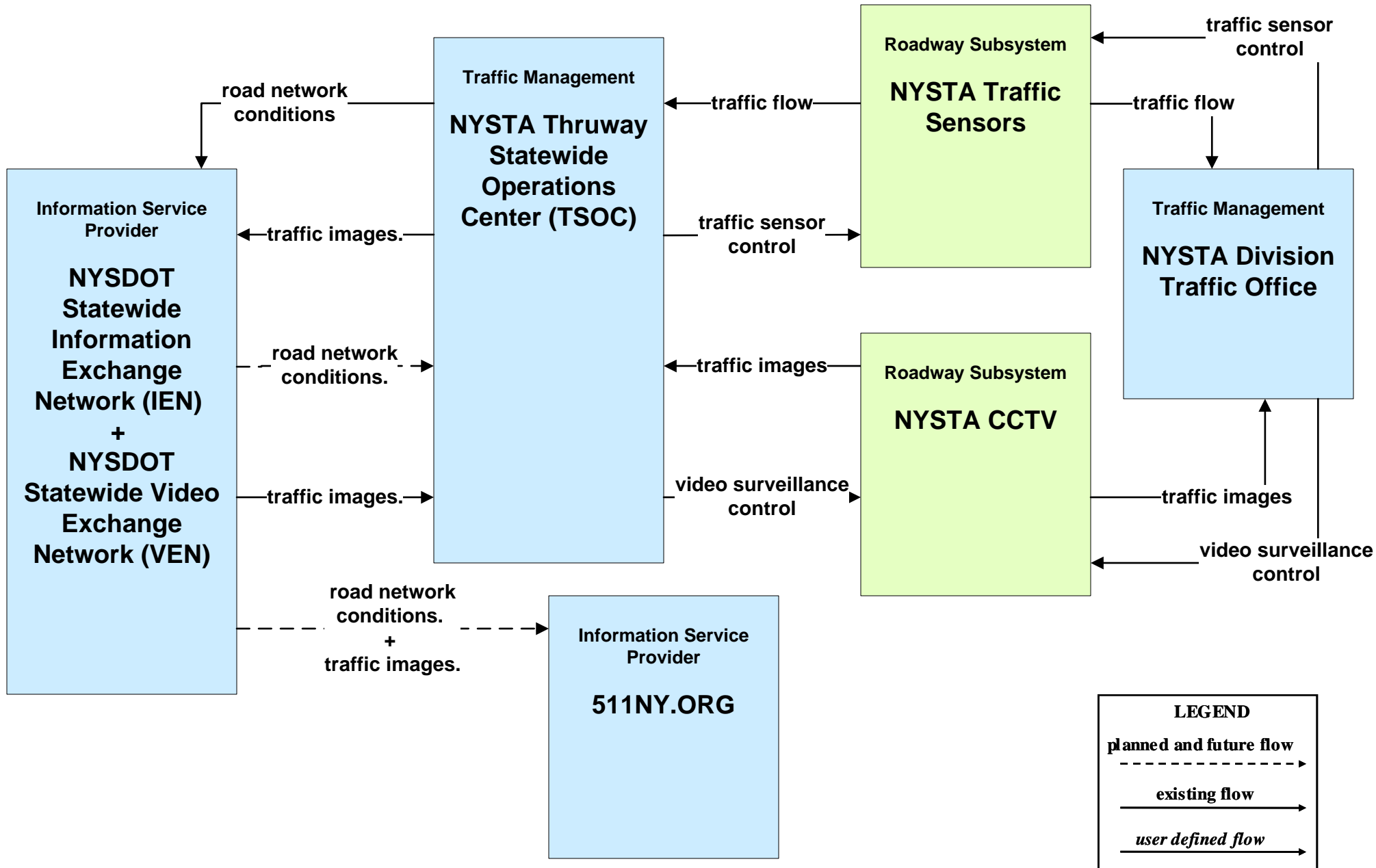
ATMS01 - Network Surveillance
NYSDOT Regional TOCs / Information Exchange Network (IEN)



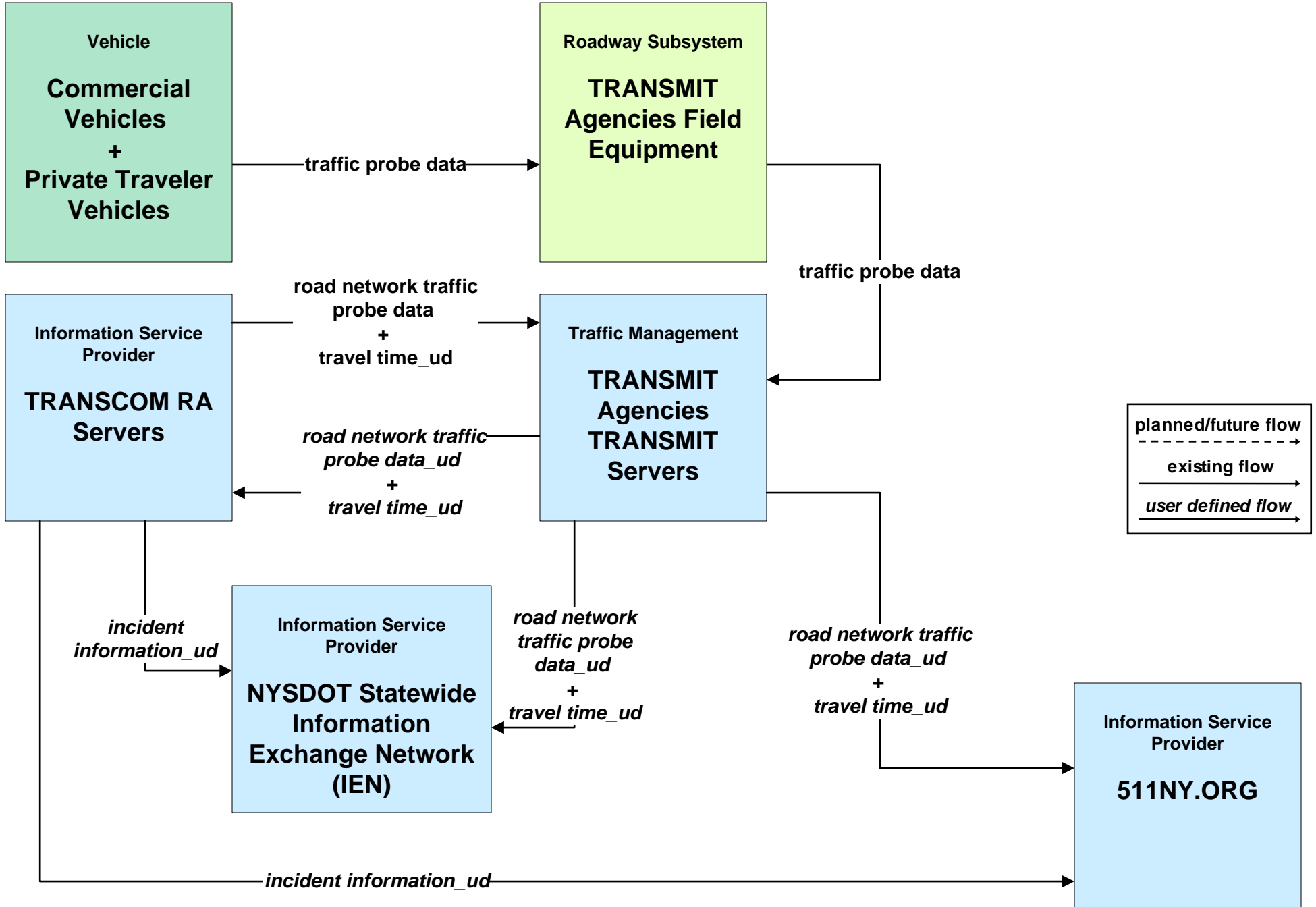
ATMS01 - Network Surveillance
NYSDOT Regional TOCs / Video Exchange Network (VEN)



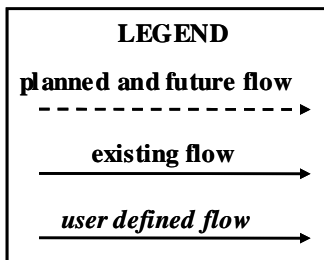
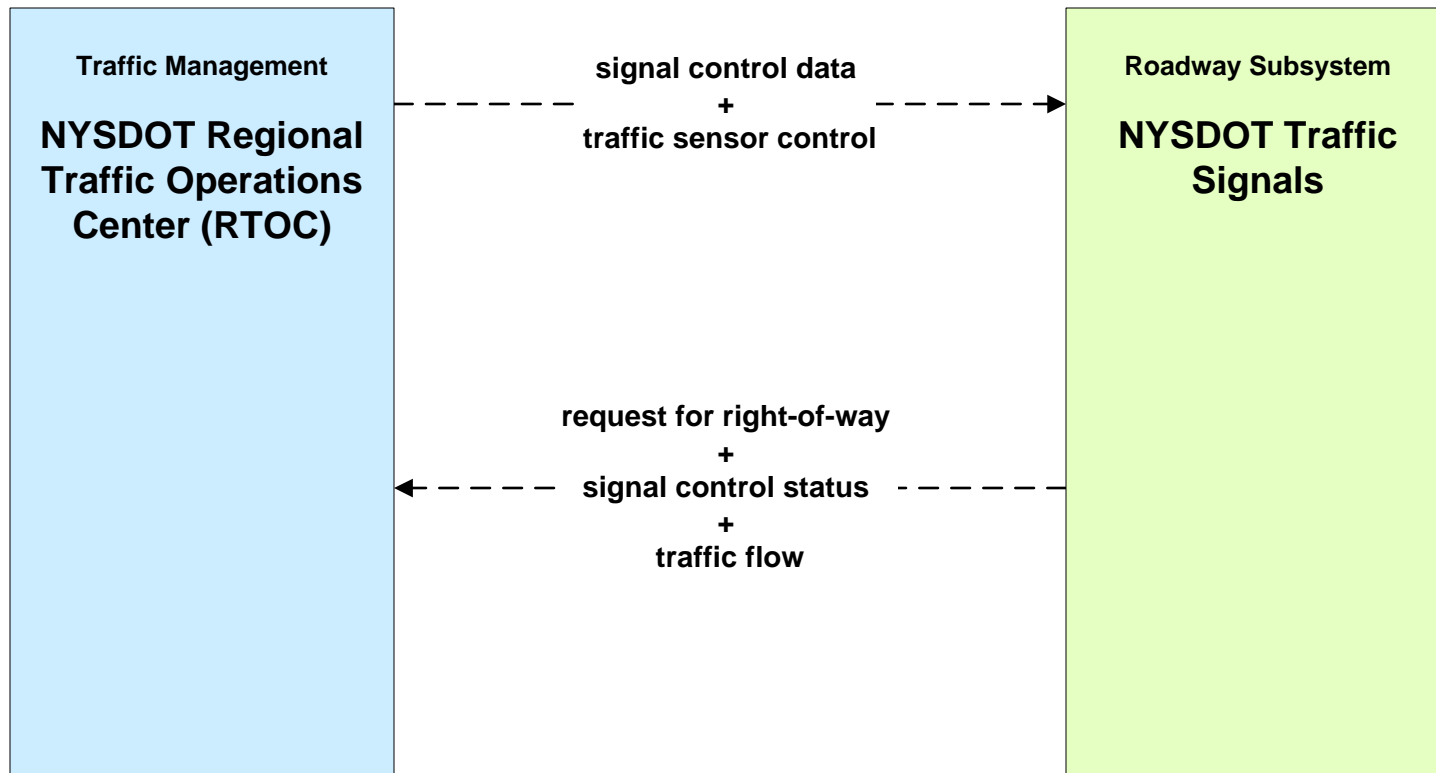
ATMS01 - Network Surveillance NYSTA



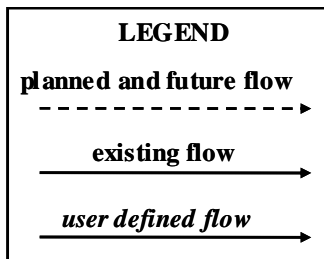
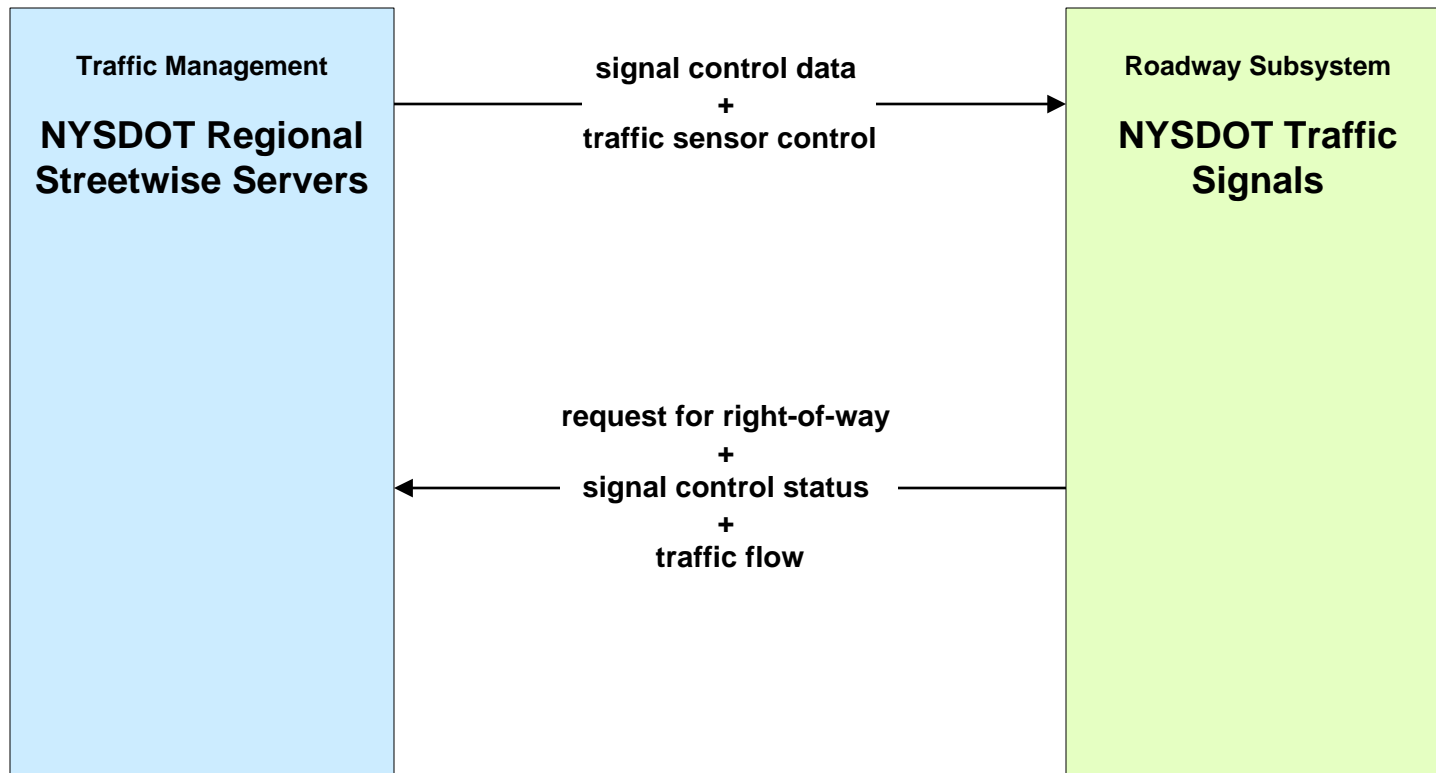
**ATMS02 - Probe Surveillance
TRANSMIT / NYSDOT IEN**



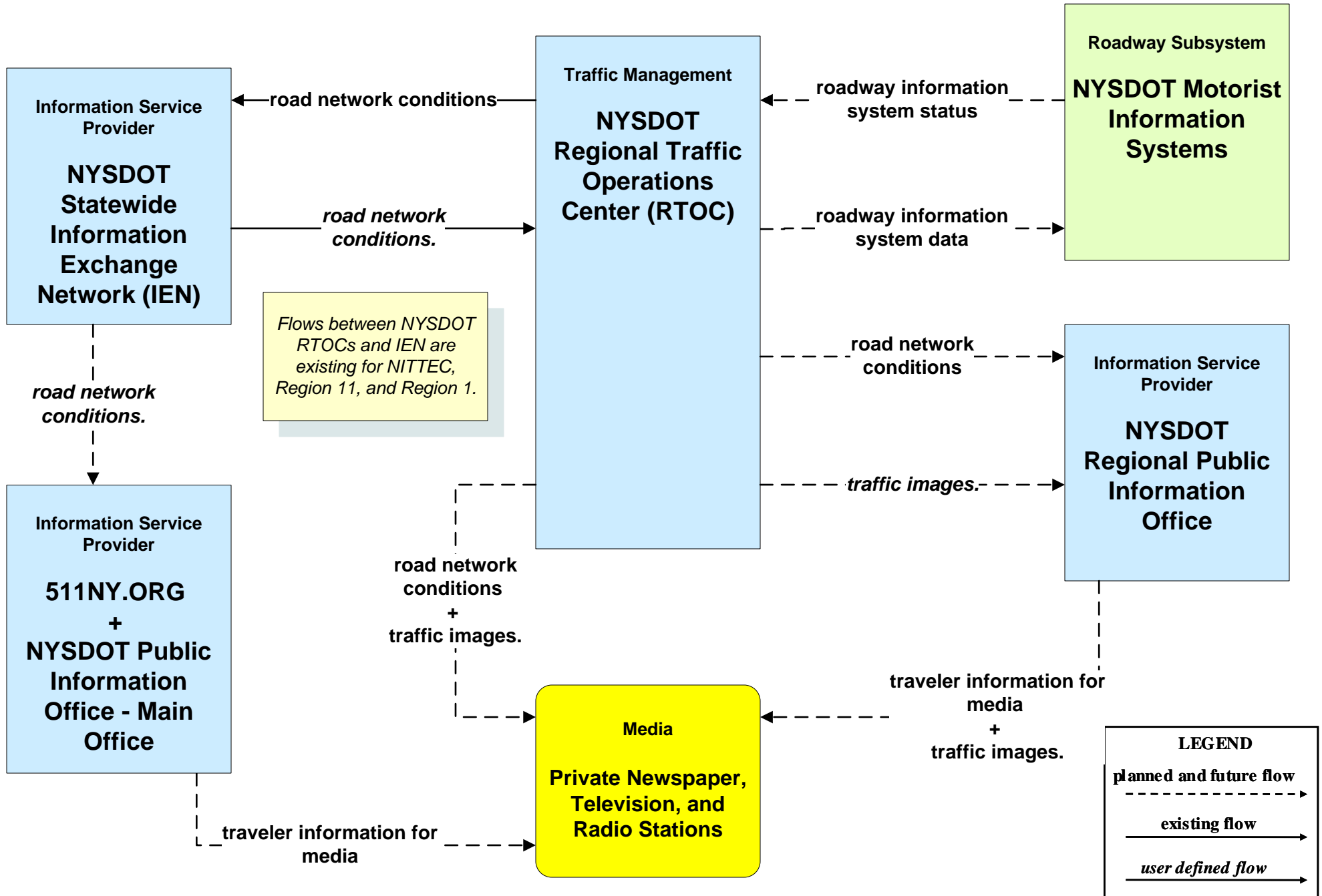
ATMS03 - Surface Street Control
NYSDOT Regional Traffic Operations Center Traffic Signal Control



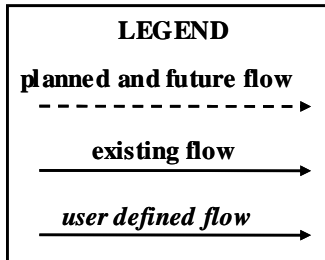
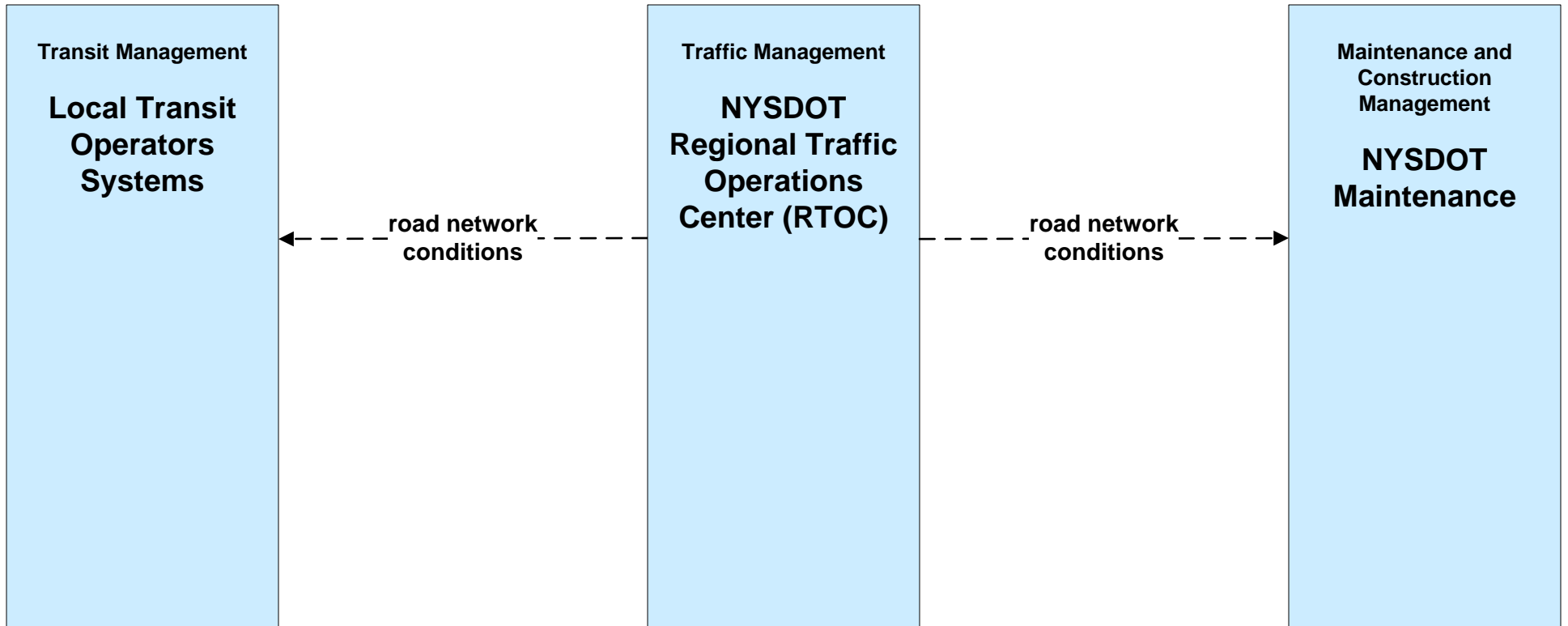
**ATMS03 - Surface Street Control
NYSDOT Regional Streetwise Servers**



ATMS06 - Traffic Information Dissemination NYSDOT (1 of 3)

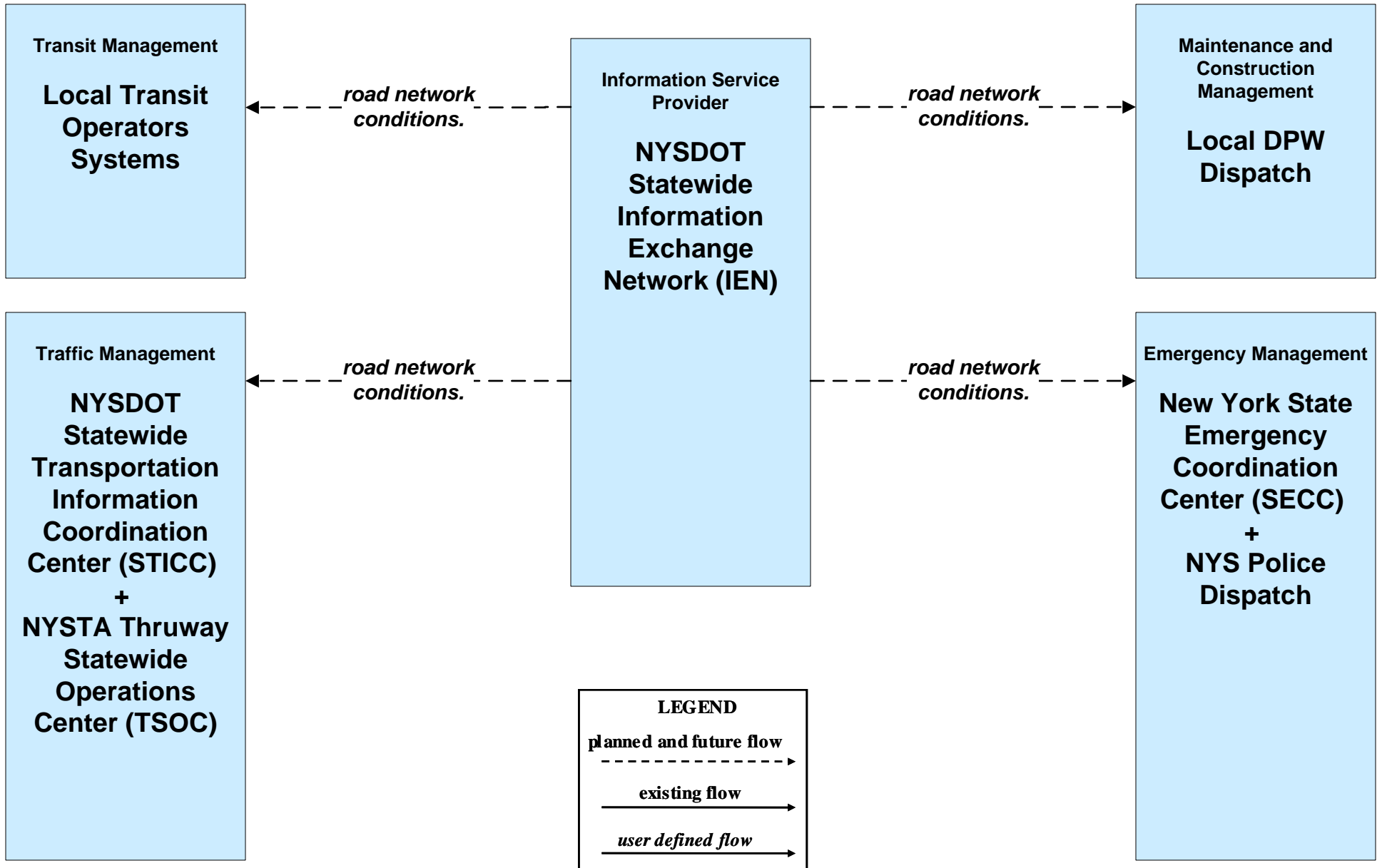


**ATMS06 - Traffic Information Dissemination
NYSDOT (2 of 3)**

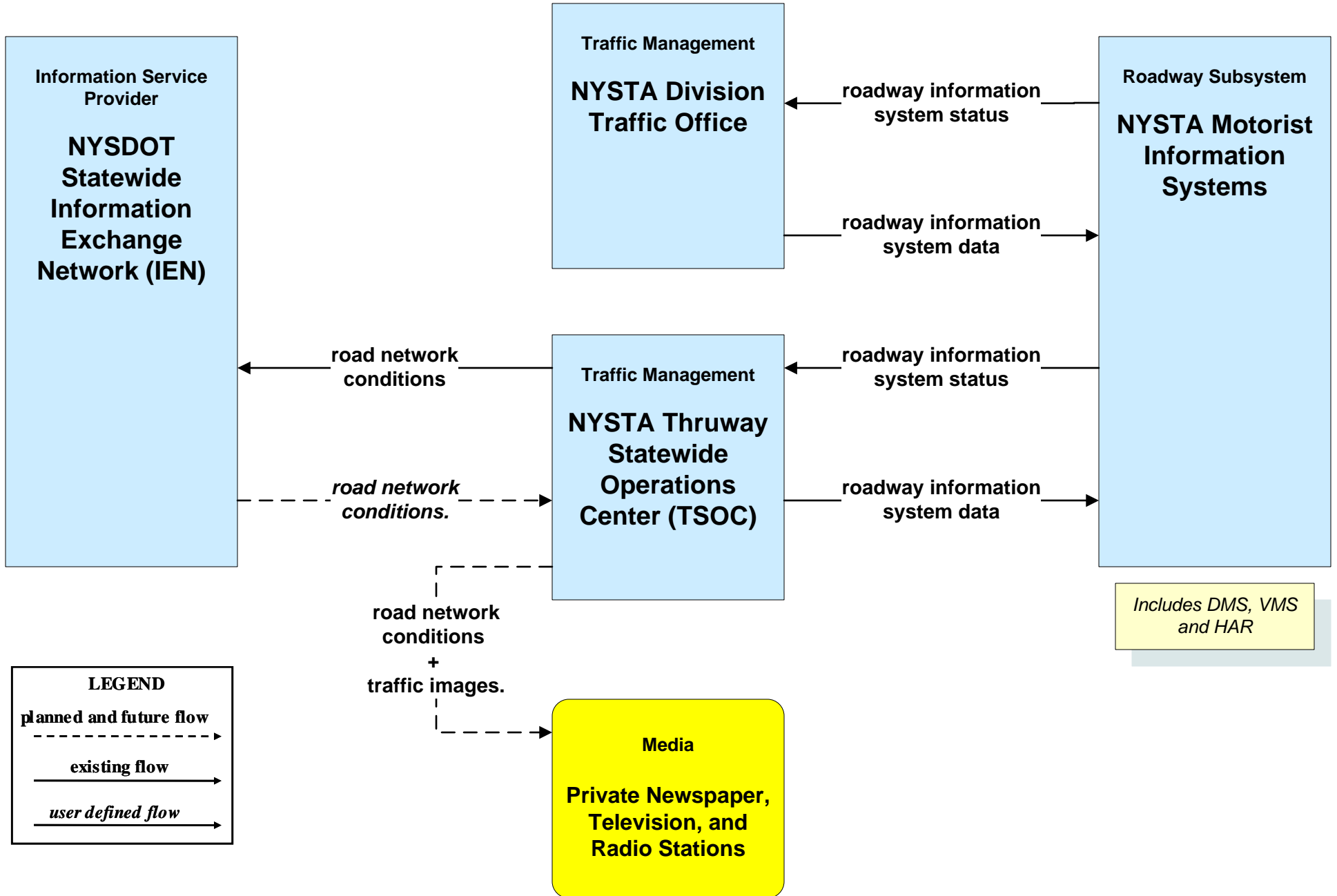


Region specific whether the local transit operators and/or local maintenance connect directly to the IEN or via the RTOC. The RTOC may have a level of detail that is needed locally, while the IEN will have a higher "big picture" level of detail.

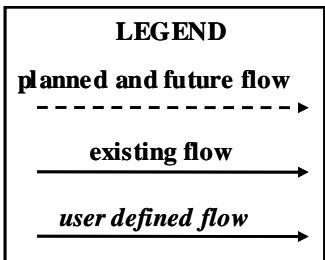
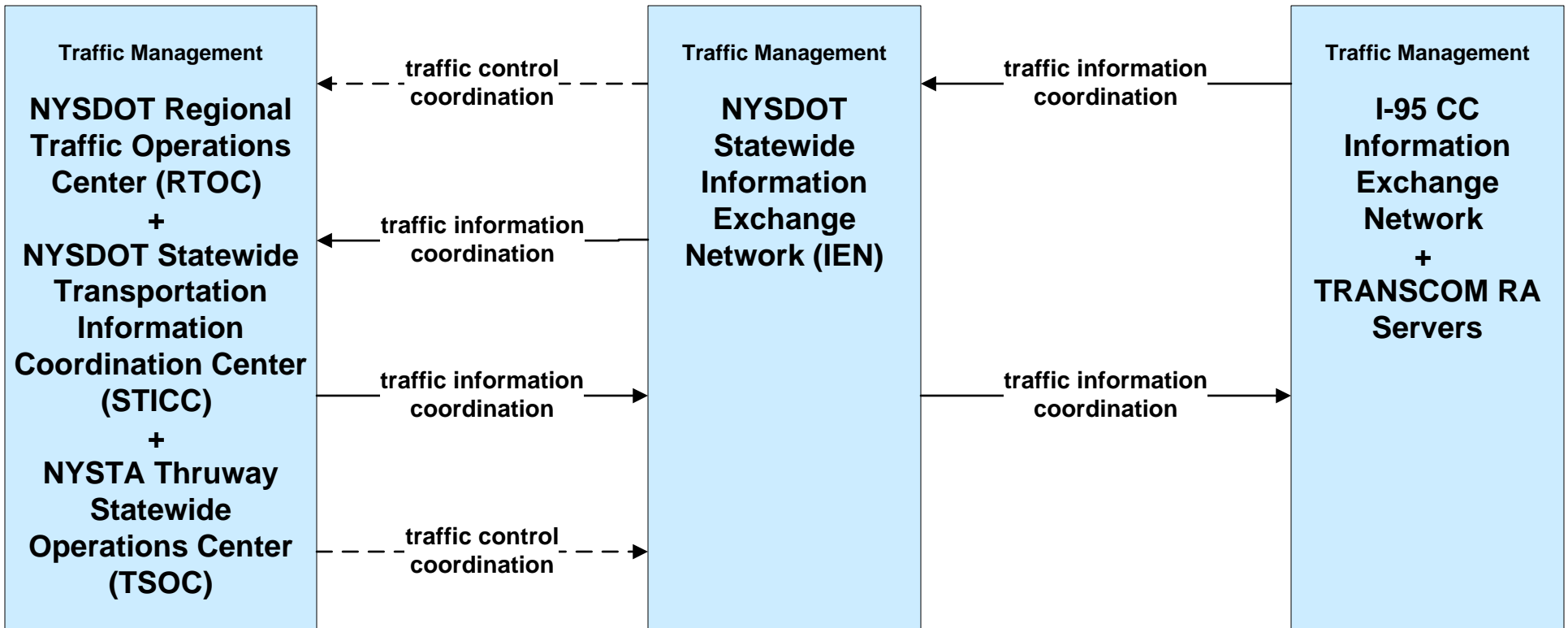
**ATMS06 - Traffic Information Dissemination
NYSDOT (3 of 3)**



ATMS06 - Traffic Information Dissemination NYSTA

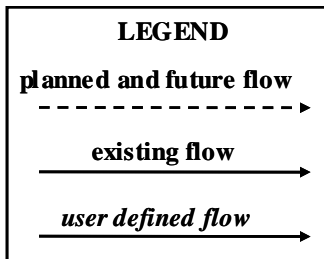
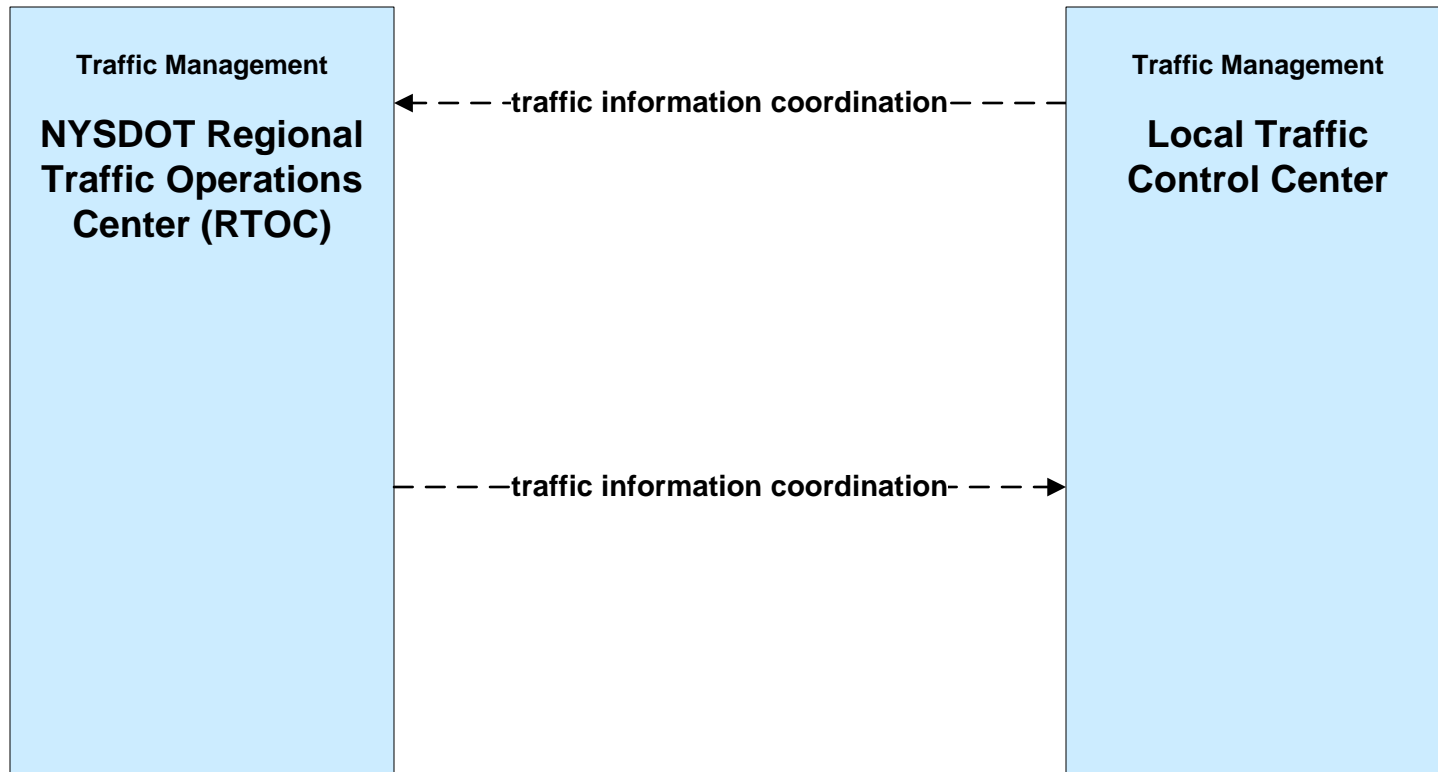


**ATMS07 - Regional Traffic Management
 NYSDOT Statewide Information Exchange Network (IEN)**

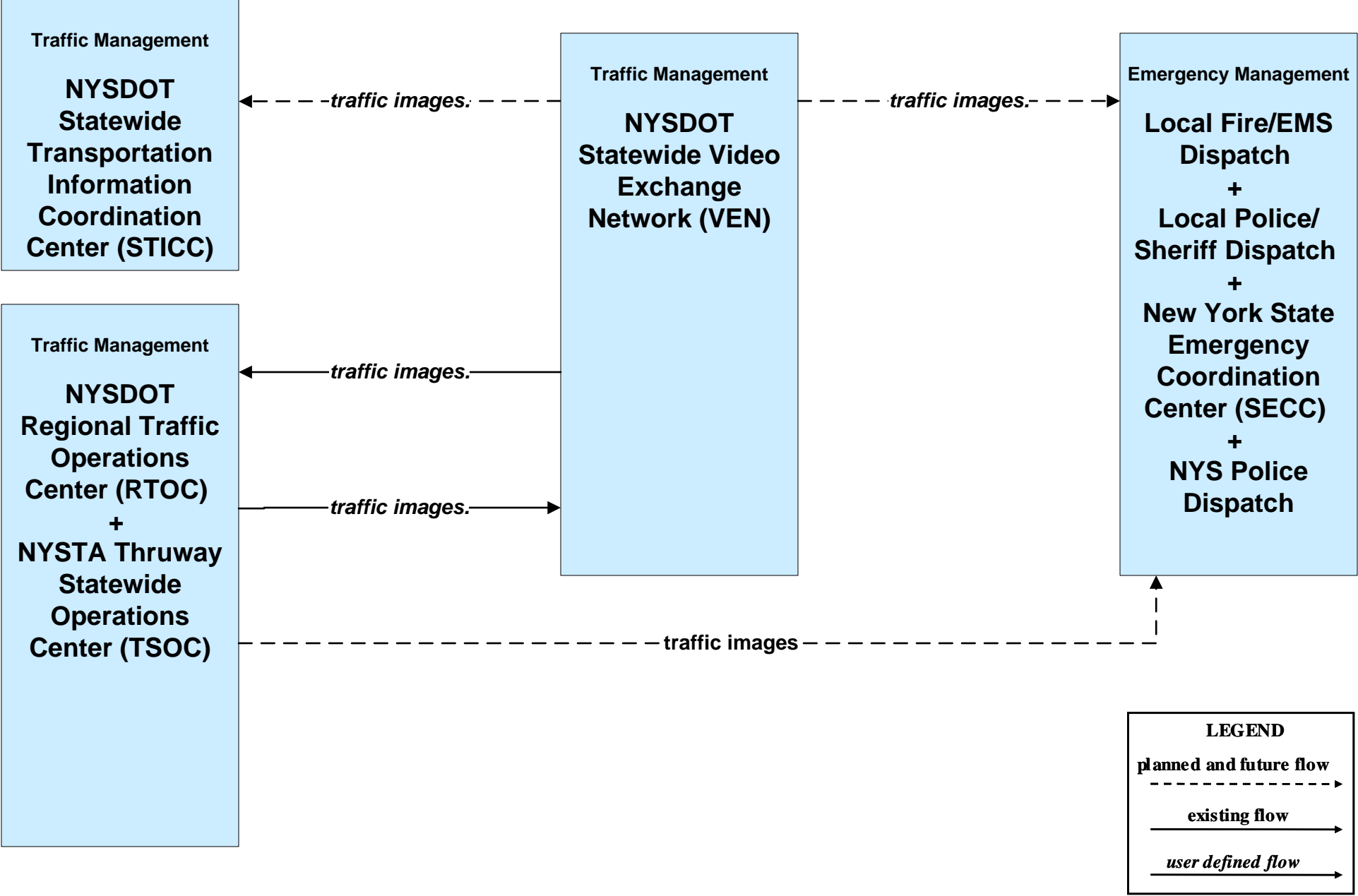


Note: 511NY.ORG is a part of the IEN.

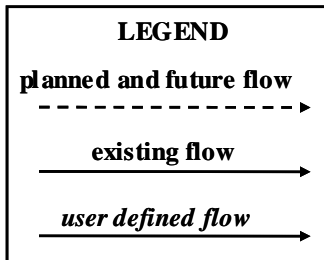
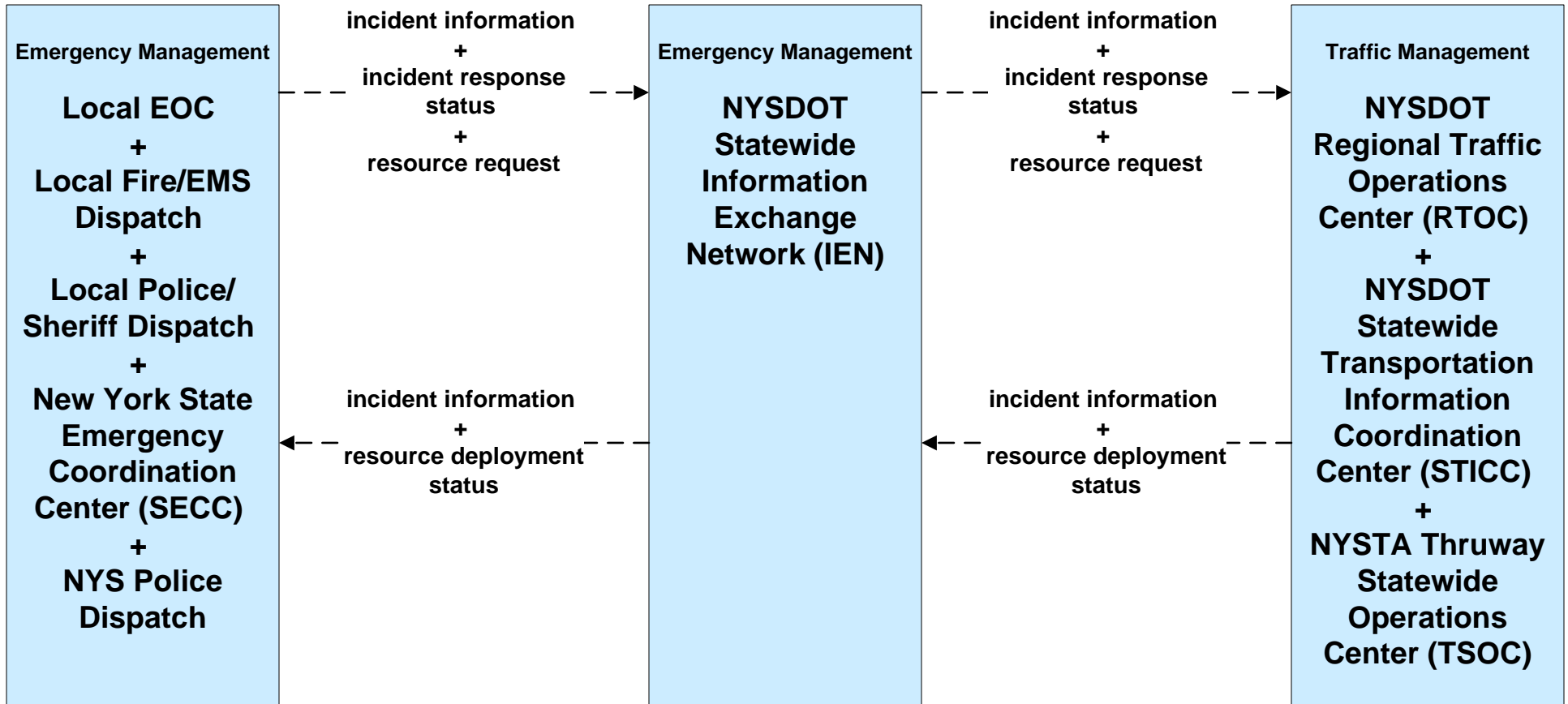
**ATMS07 - Regional Traffic Management
NYSDOT**



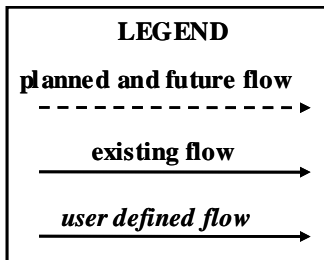
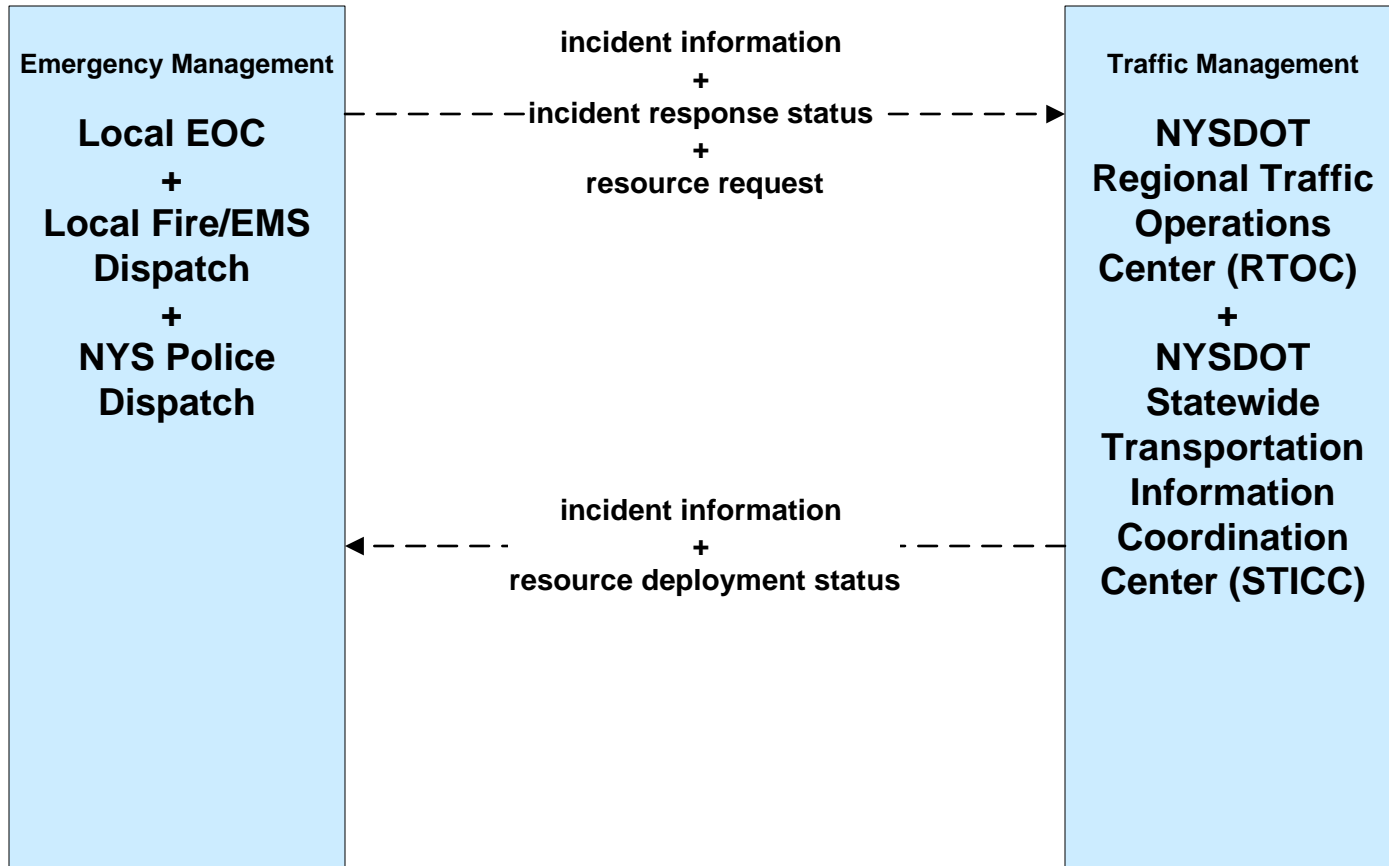
**ATMS07 - Regional Traffic Management
NYSDOT Statewide Video Exchange Network (VEN)**



**ATMS08 - Incident Management
 NYSDOT IEN (TM to EM)**

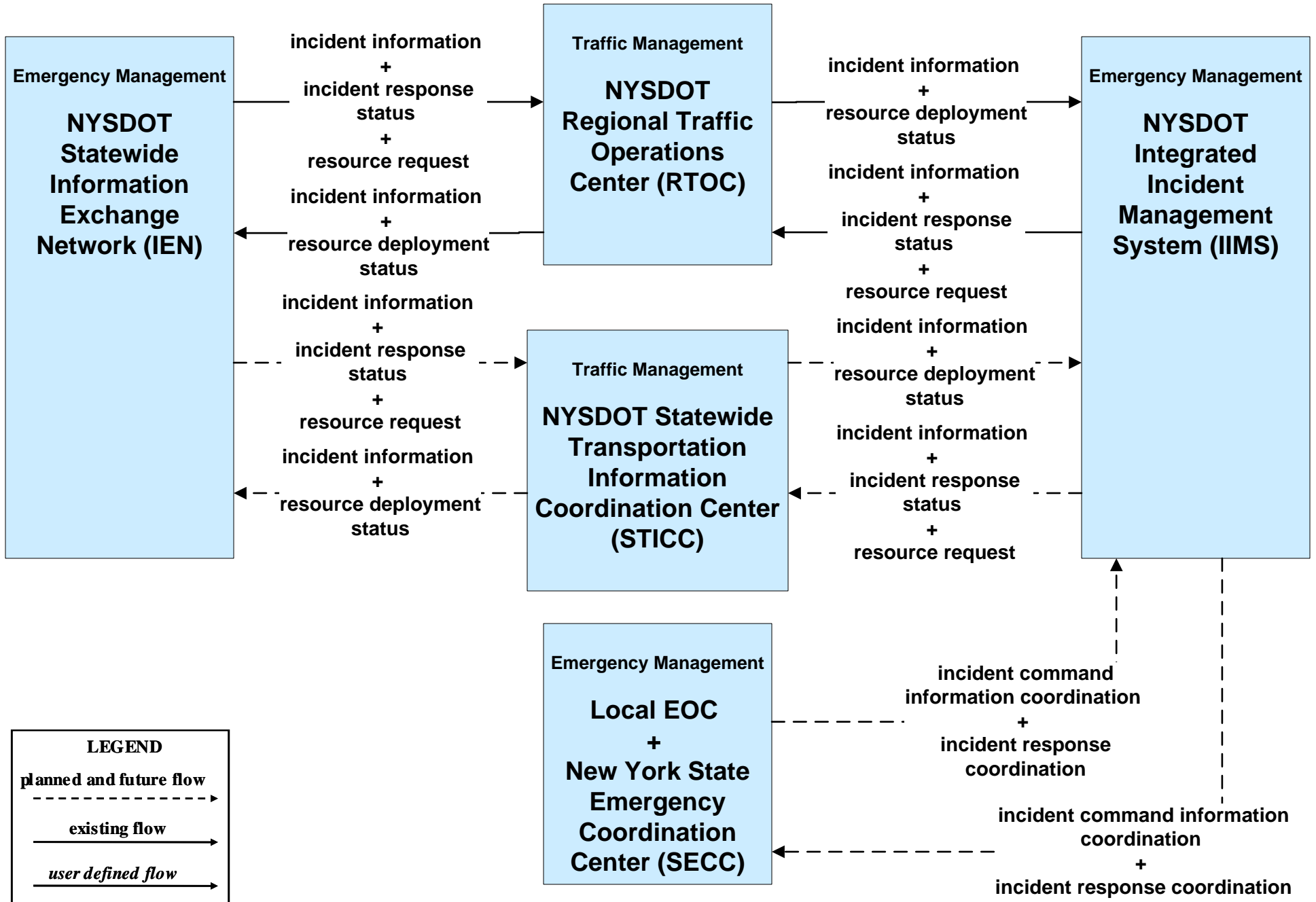


**ATMS08 - Incident Management
NYSDOT RTOC (TM to EM)**

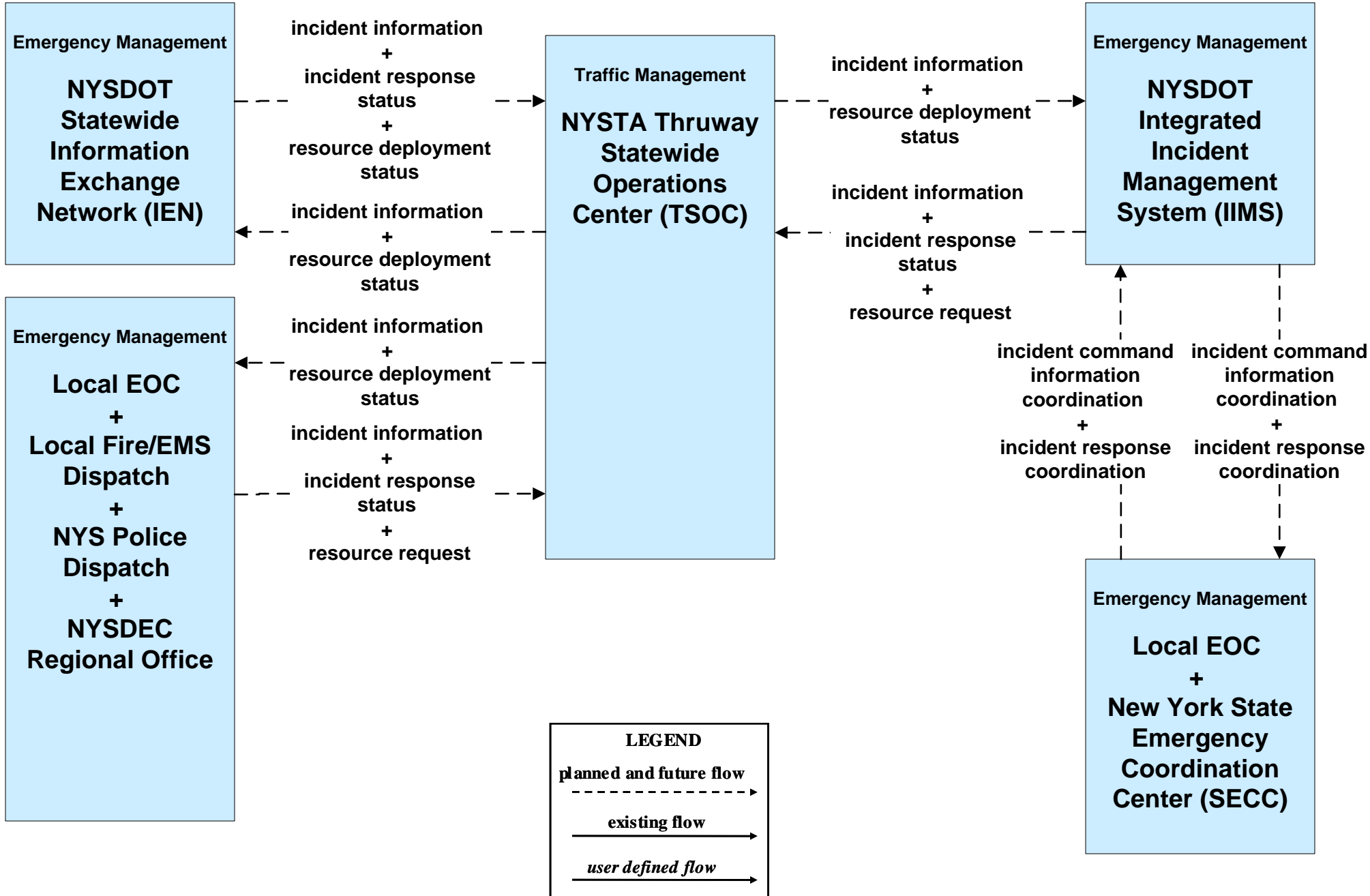


This diagram shows those local public safety agencies that do not now or do not plan to connect to the NYSDOT IEN, and prefer to connect directly to the RTOC or the STICC, but a business case would have to be made.

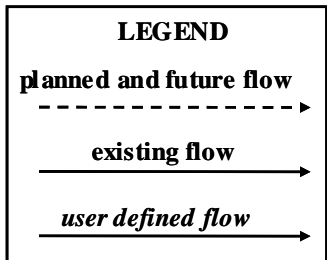
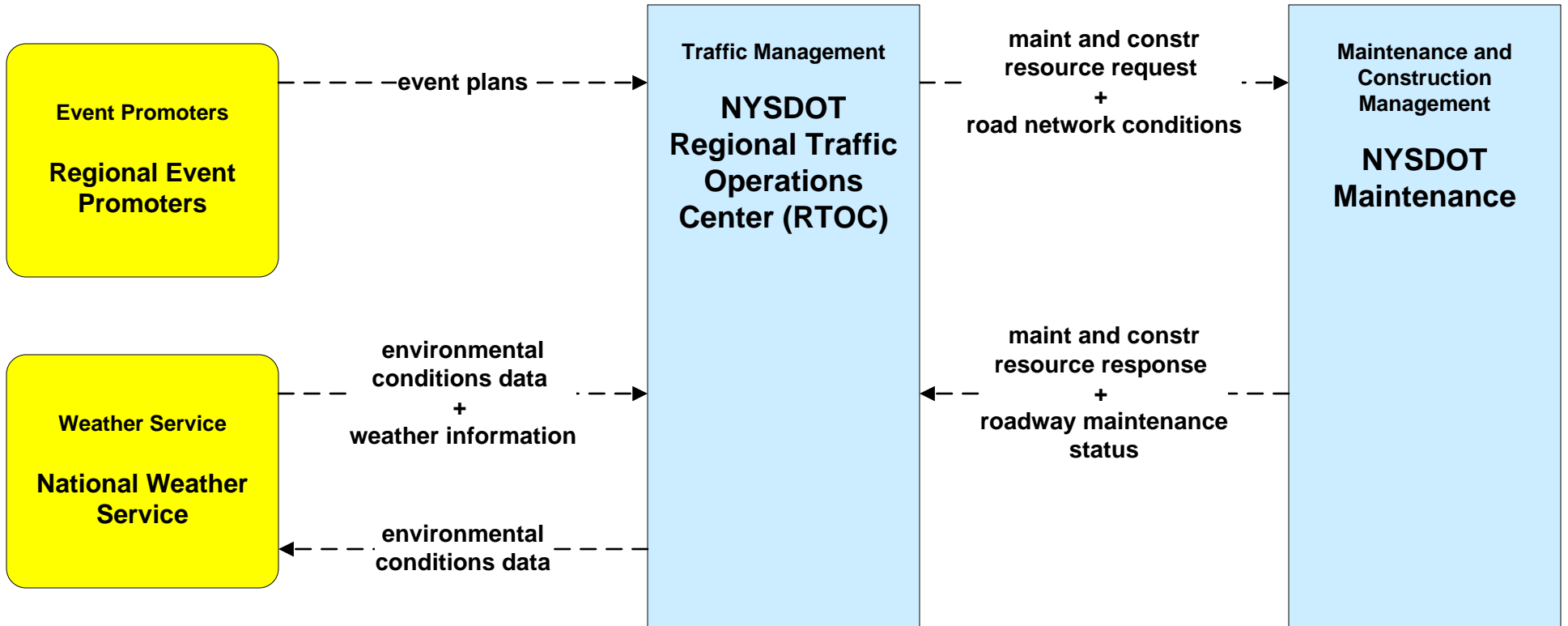
**ATMS08 - Incident Management
 NYSDOT (TM to EM)**



ATMS08 - Incident Management NYSTA (TM to EM)

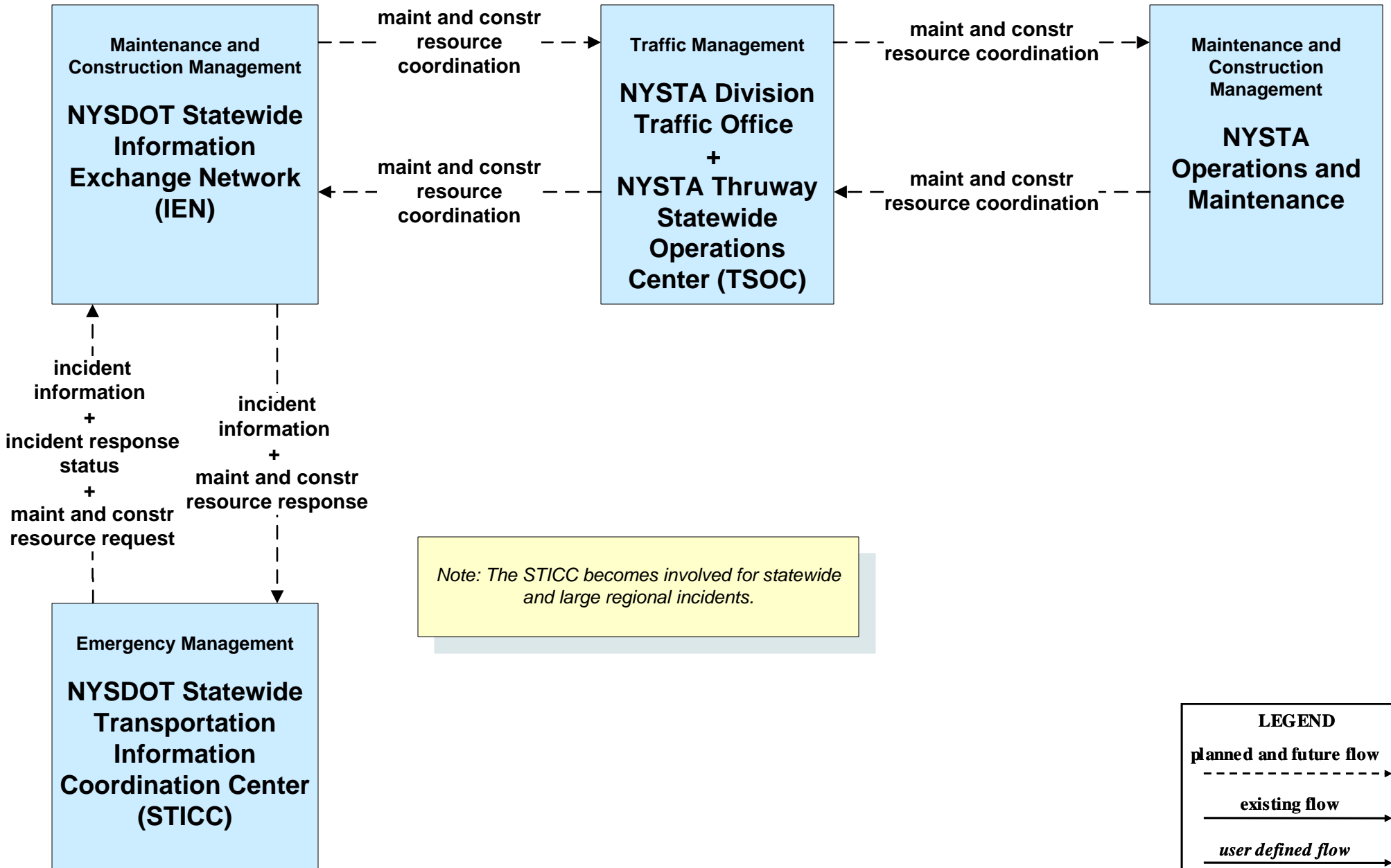


**ATMS08 - Incident Management
NYSDOT Regional TOCs (TM to MCM)**

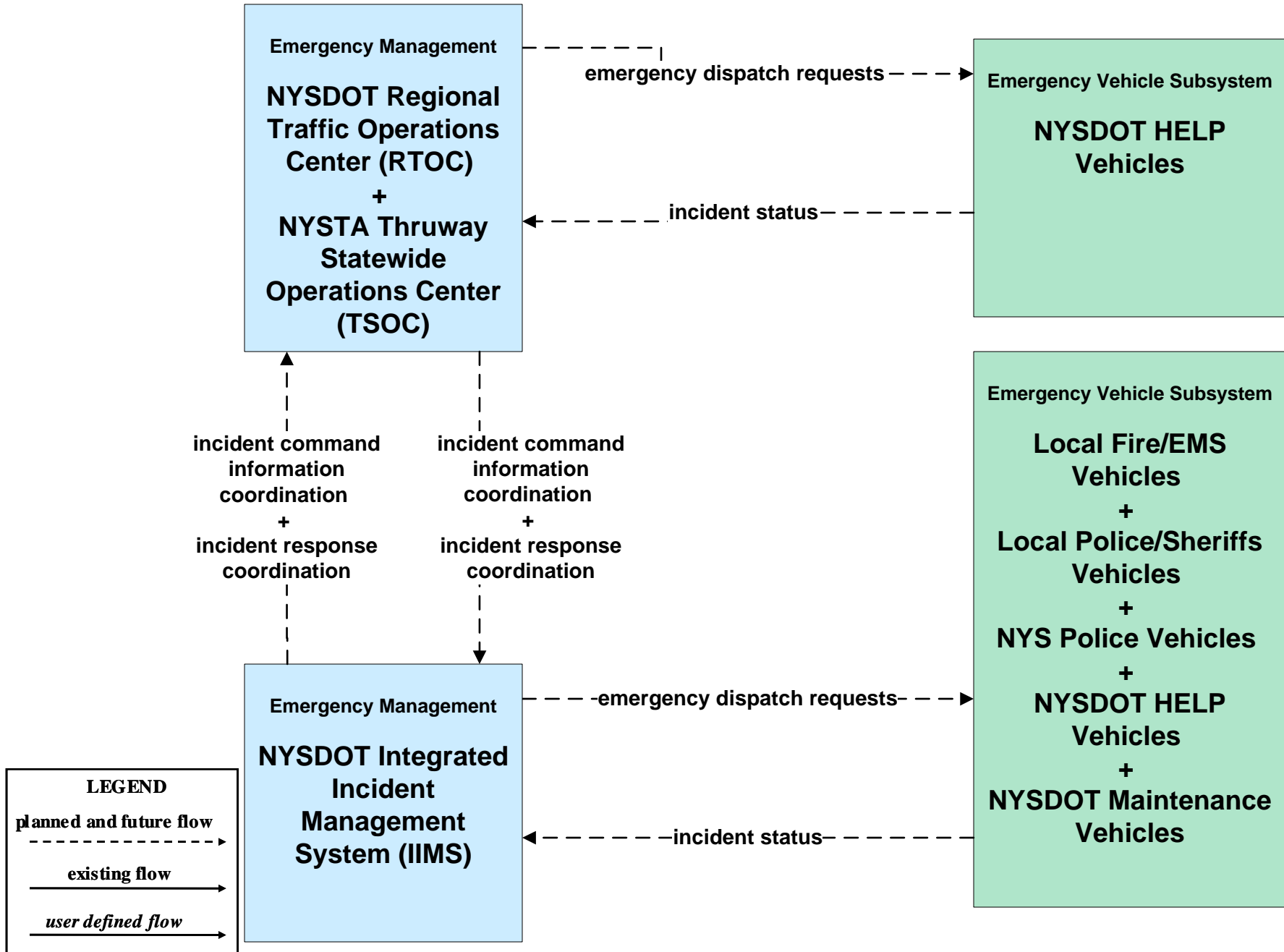


ATMS08 - Incident Management

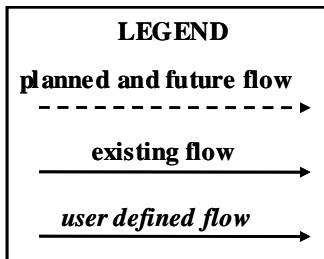
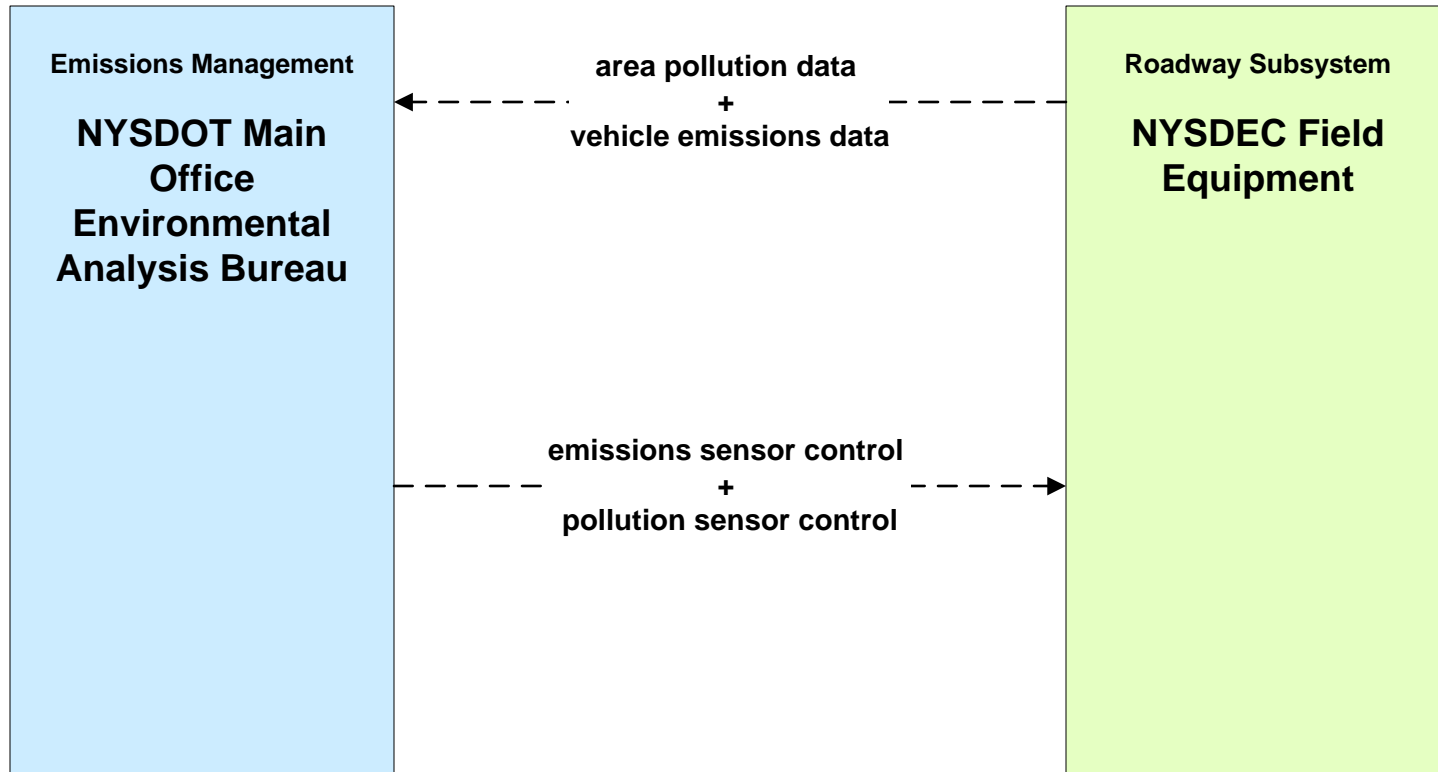
NYSDOT STICC / NYSDOT Regional TOCs (EM to MCM)



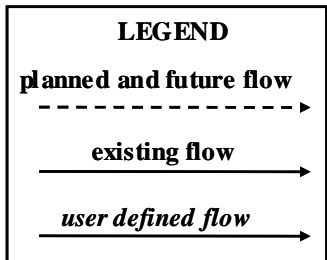
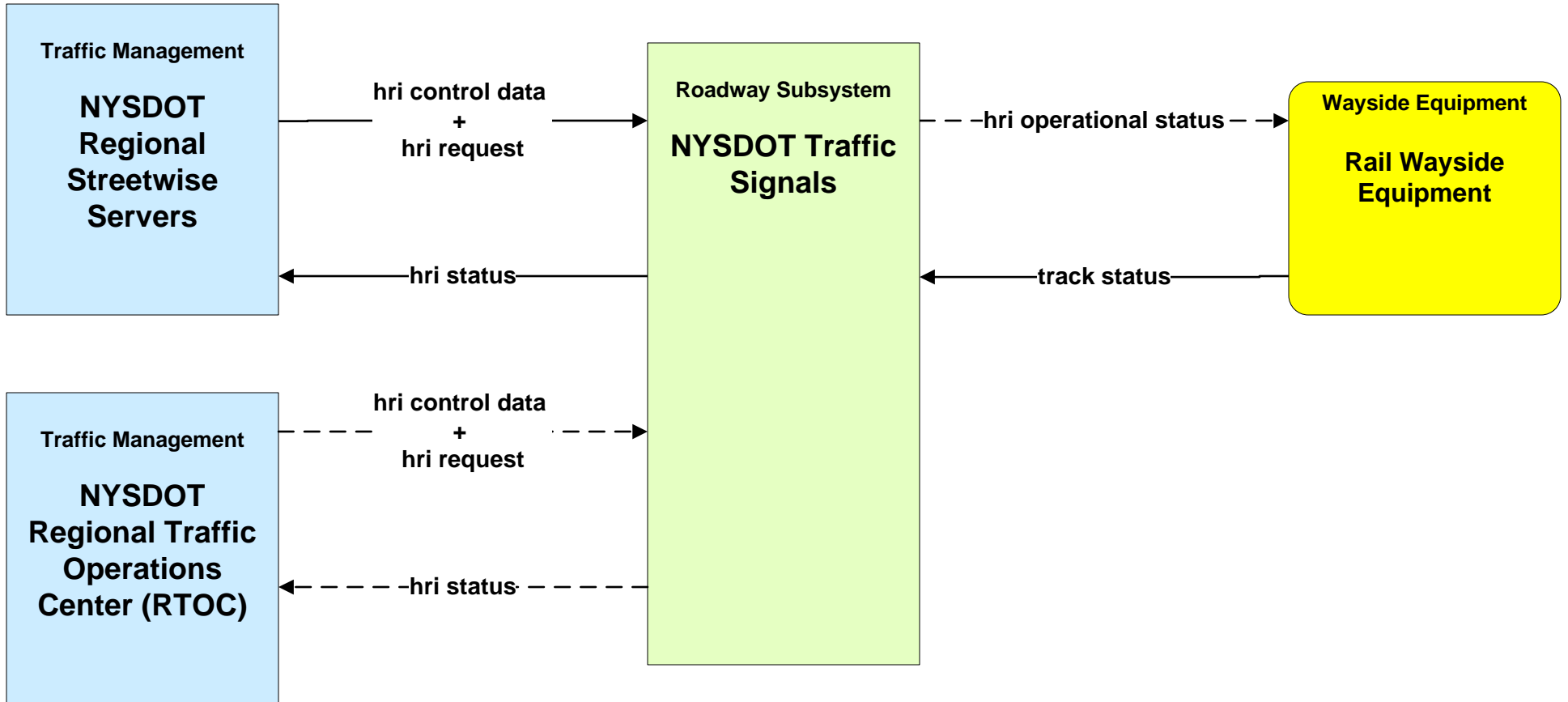
ATMS08 - Incident Management
NYSDOT Regional TOCs, NYSTA and IIMS



**ATMS11 - Emissions Monitoring and Management
NYSDOT Main Office**

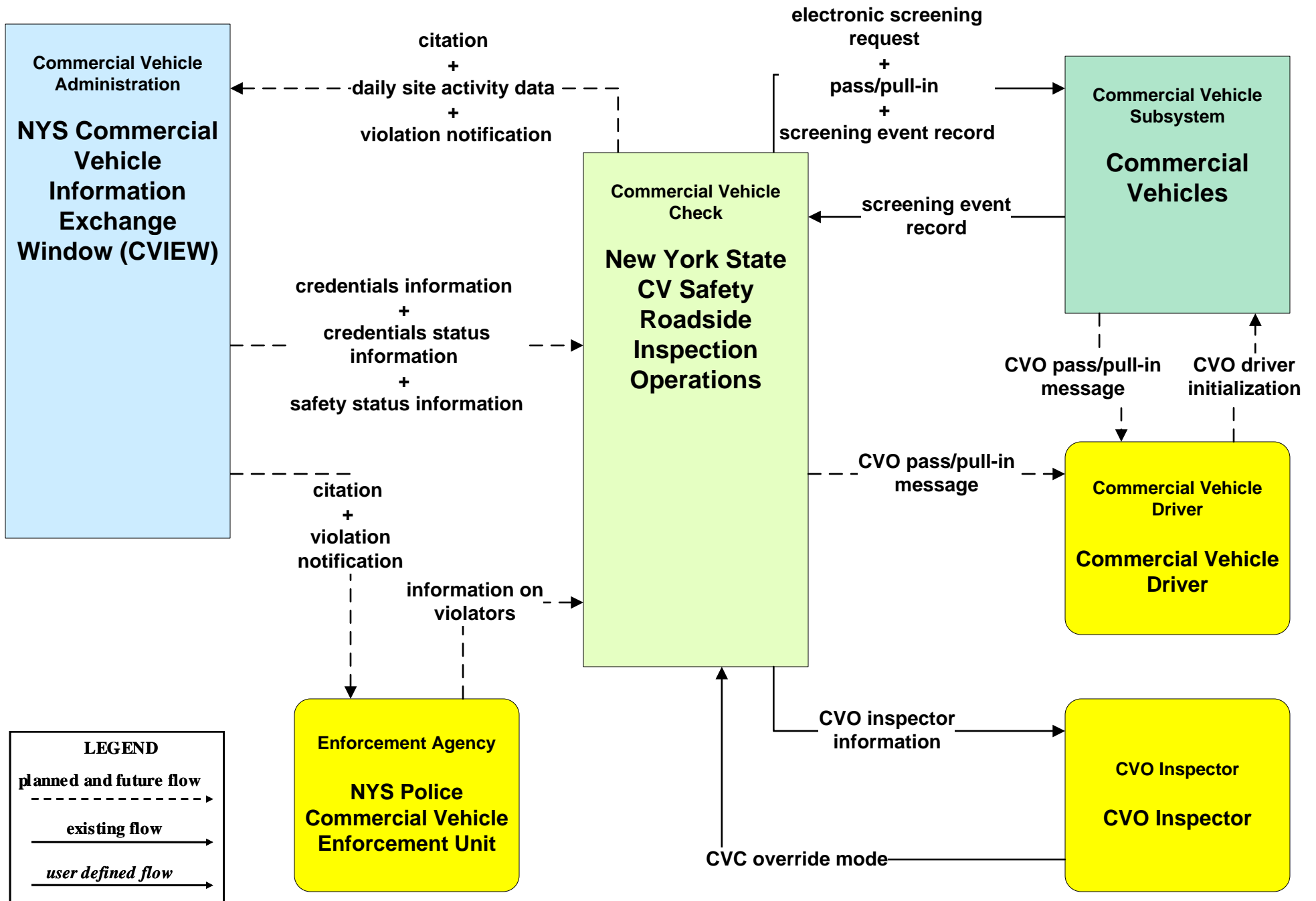


ATMS13 - Standard Railroad Crossing NYSDOT Traffic Signals



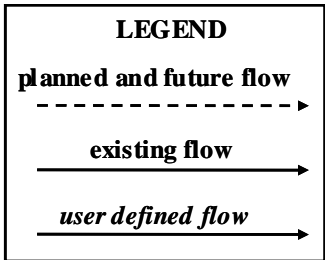
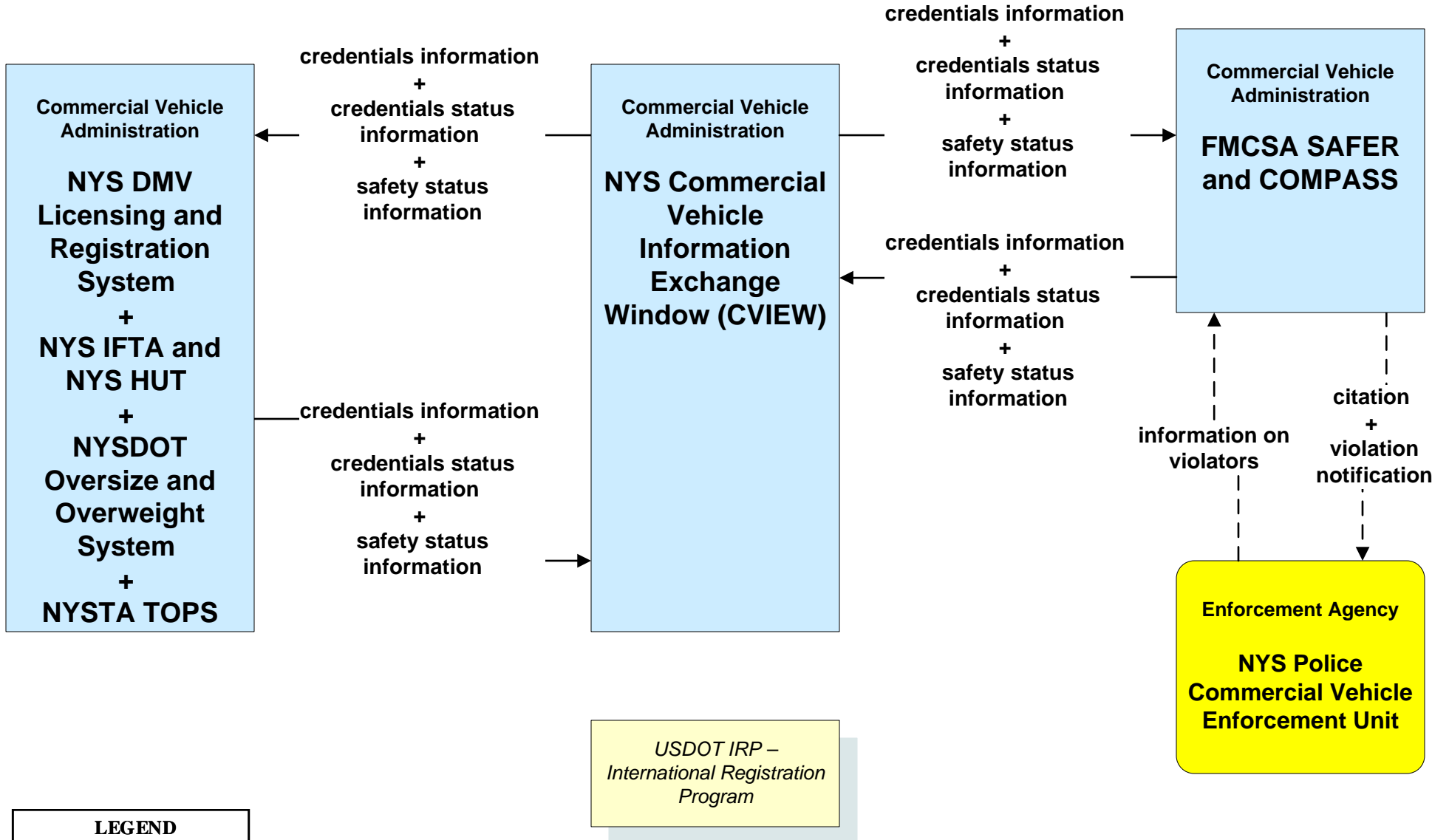
CVO03 - Electronic Clearance

New York State Commercial Vehicle Safety Roadside Inspection Operations (1 of 2)

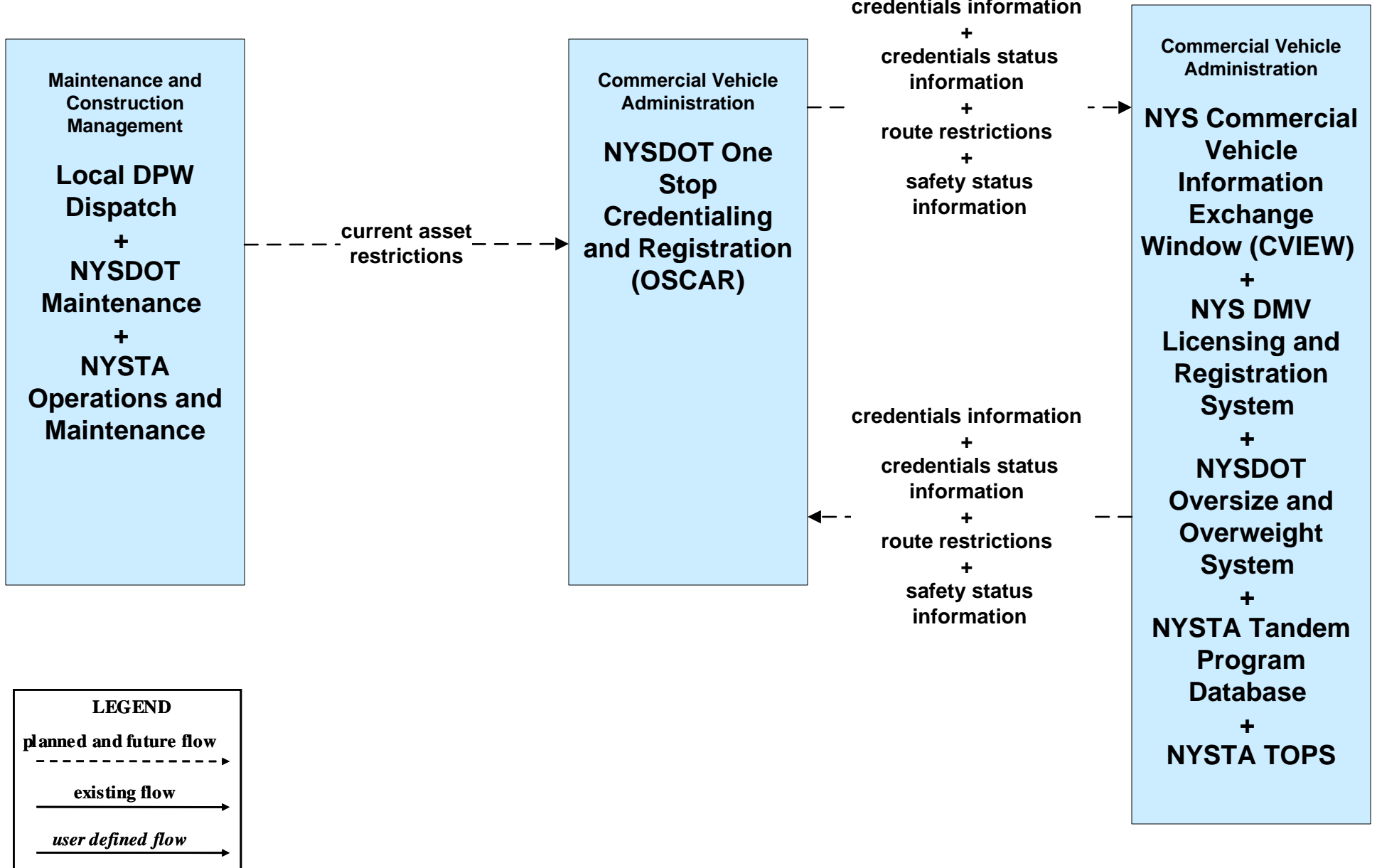


CVO03 - Electronic Clearance

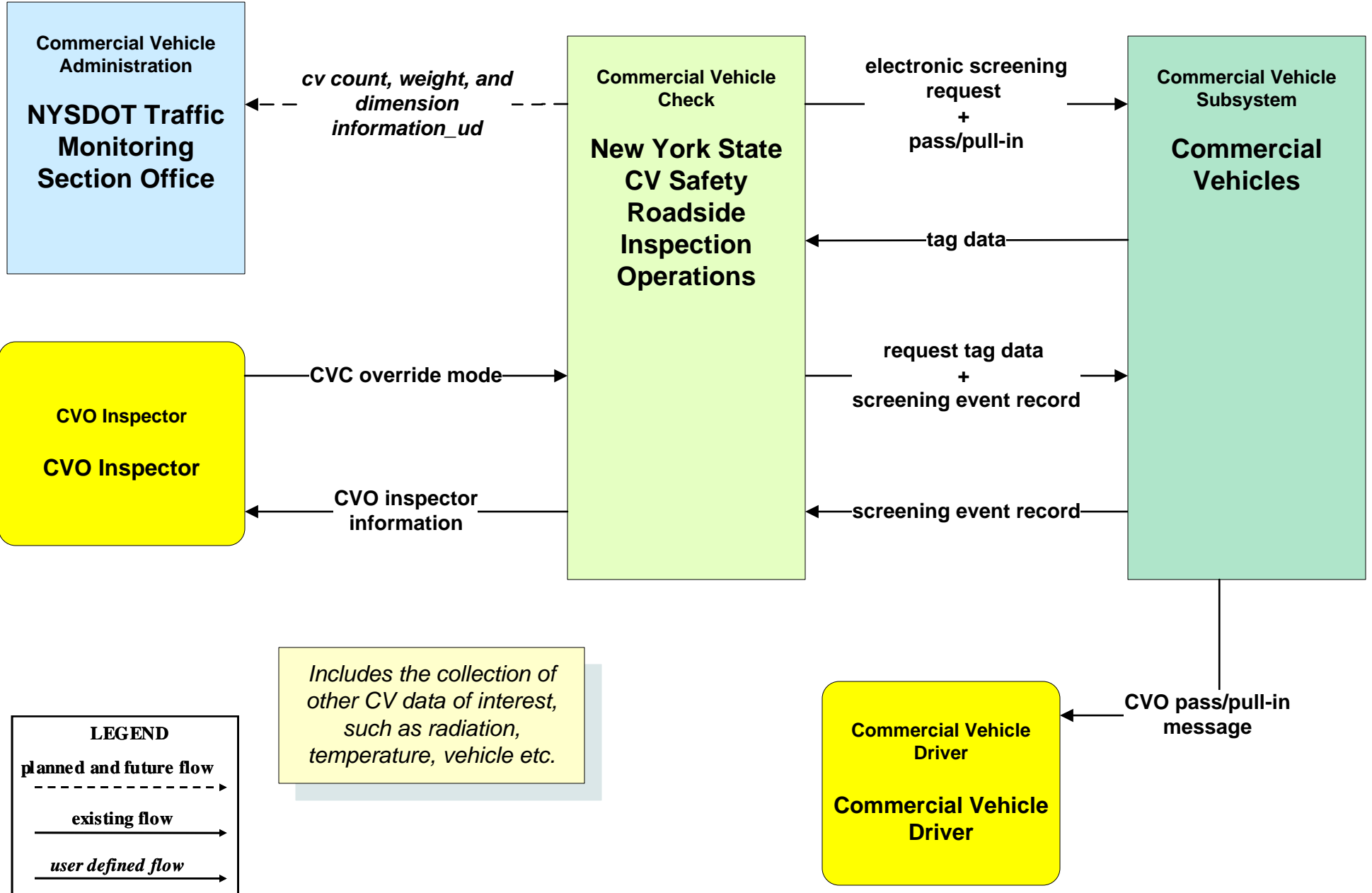
New York State Commercial Vehicle Safety Roadside Inspection Operations (2 of 2)



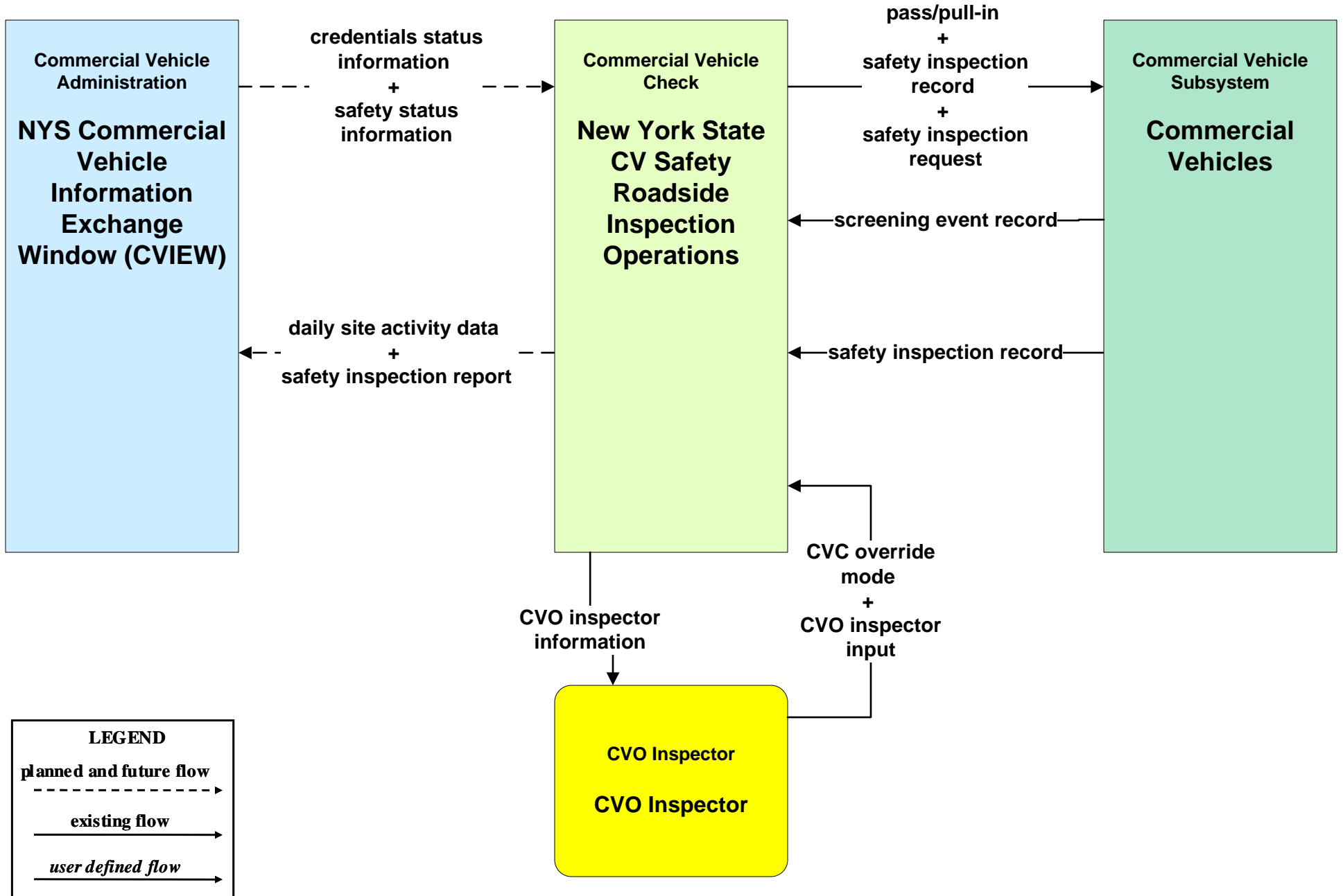
**CVO04 - CV Administrative Process
NYSDOT OSCAR**



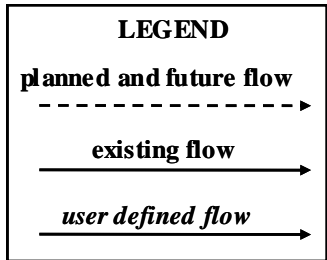
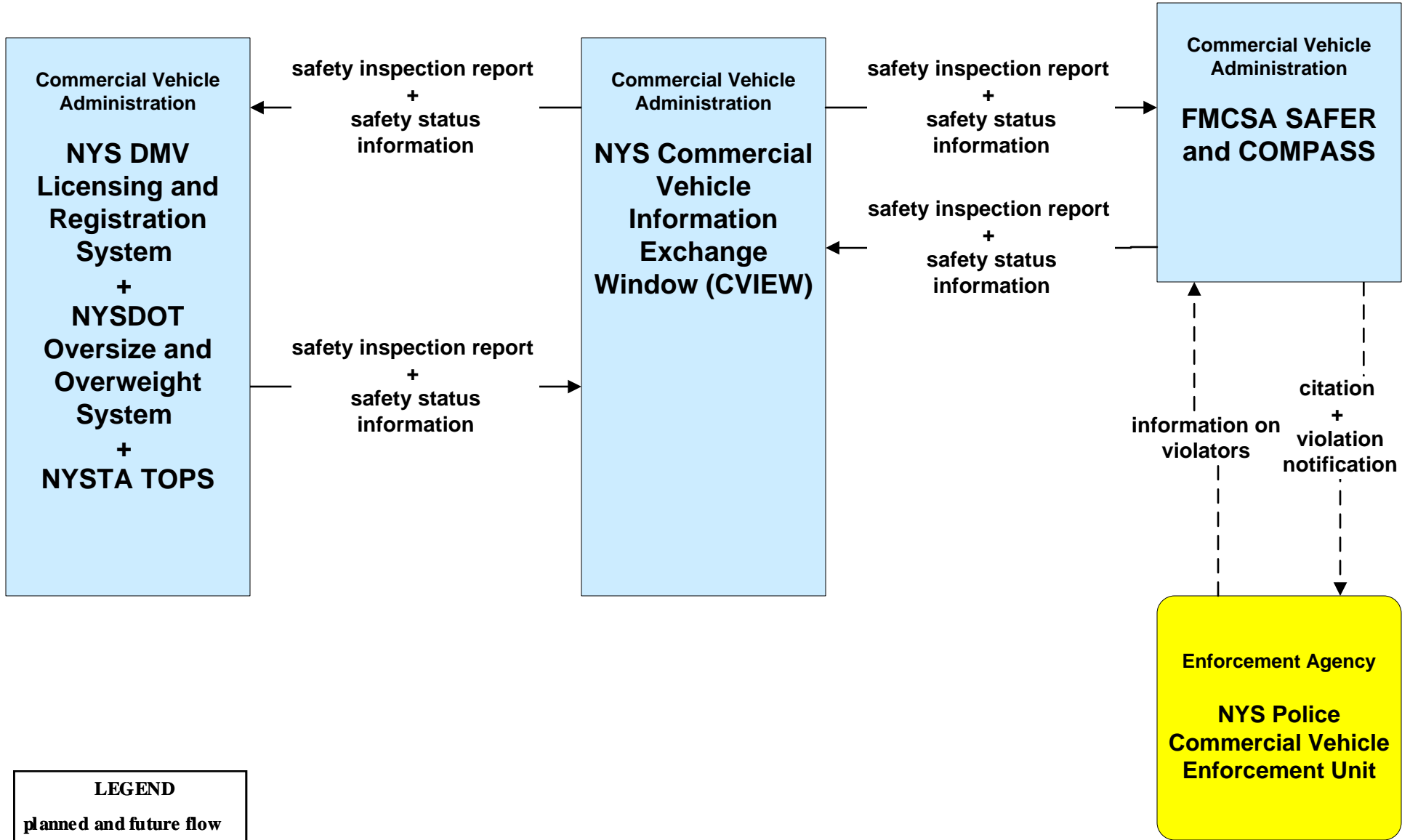
CVO06 - CV Electronic Screening New York State



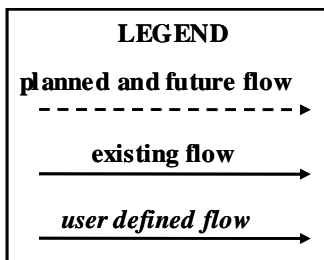
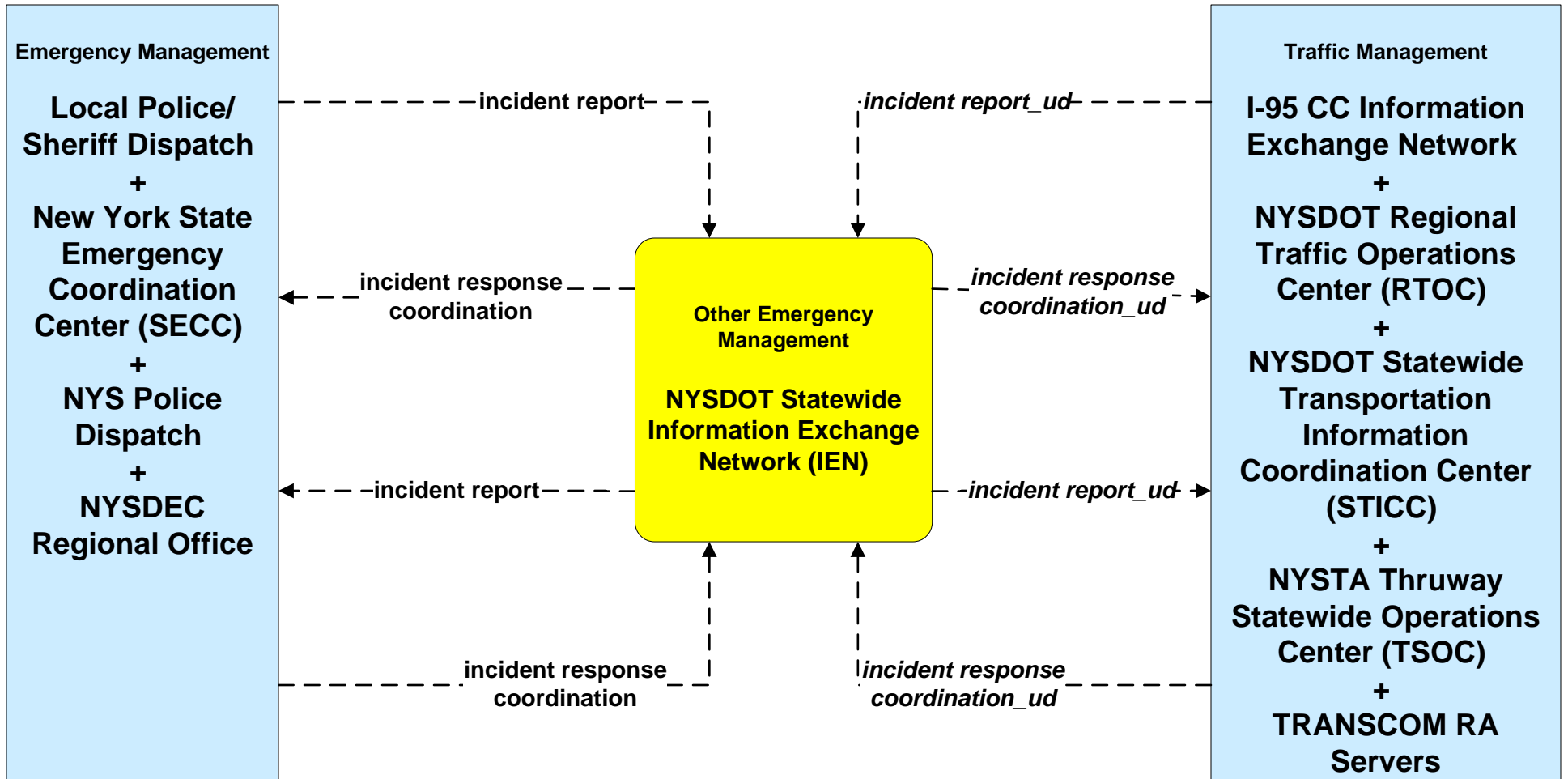
**CVO07 - Roadside CVO Safety
New York State (1 of 2)**



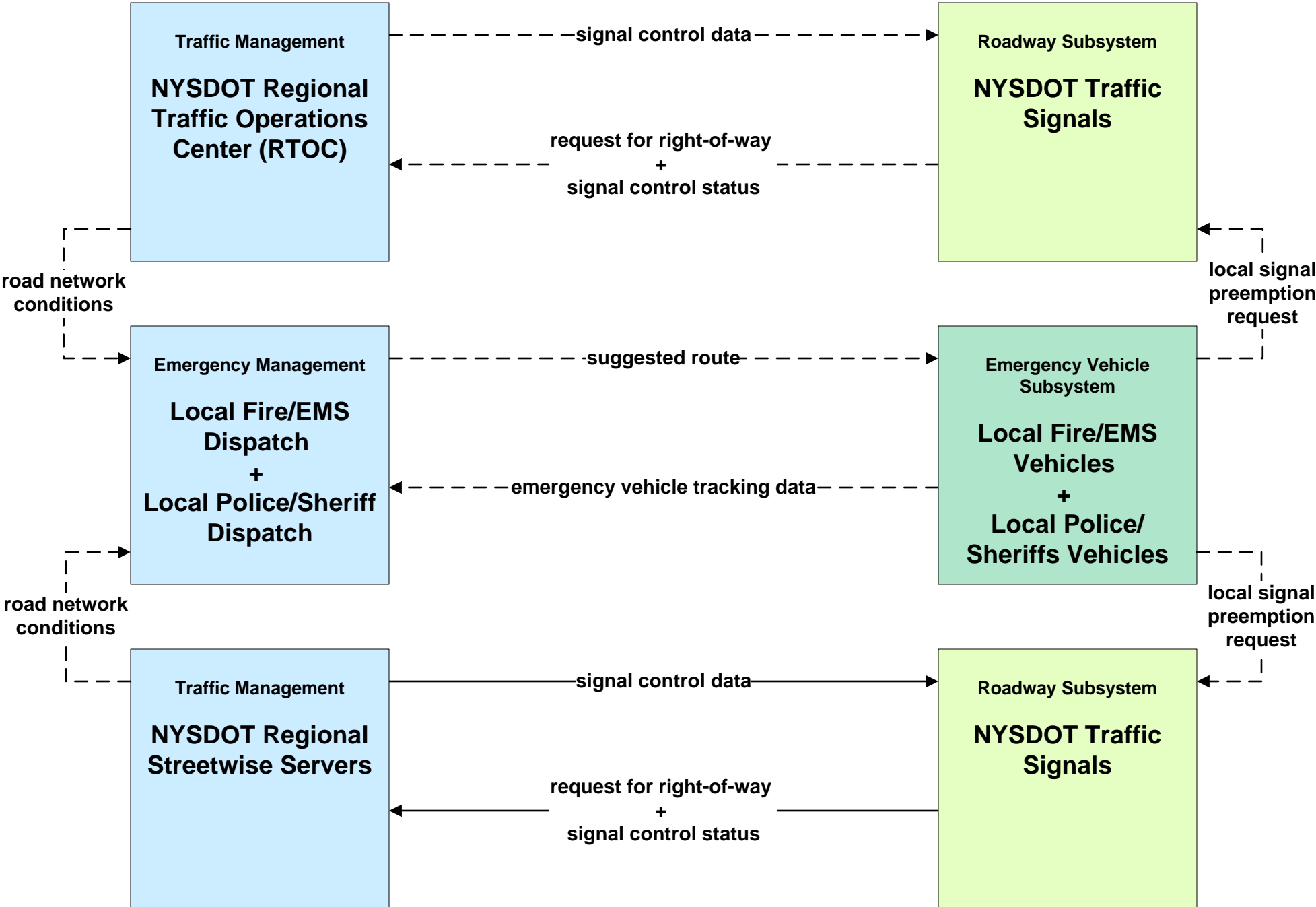
**CVO07 - Roadside CVO Safety
New York State (2 of 2)**



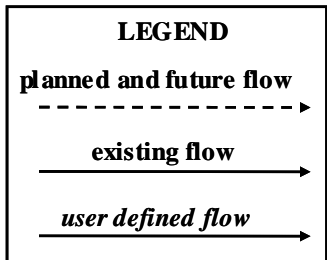
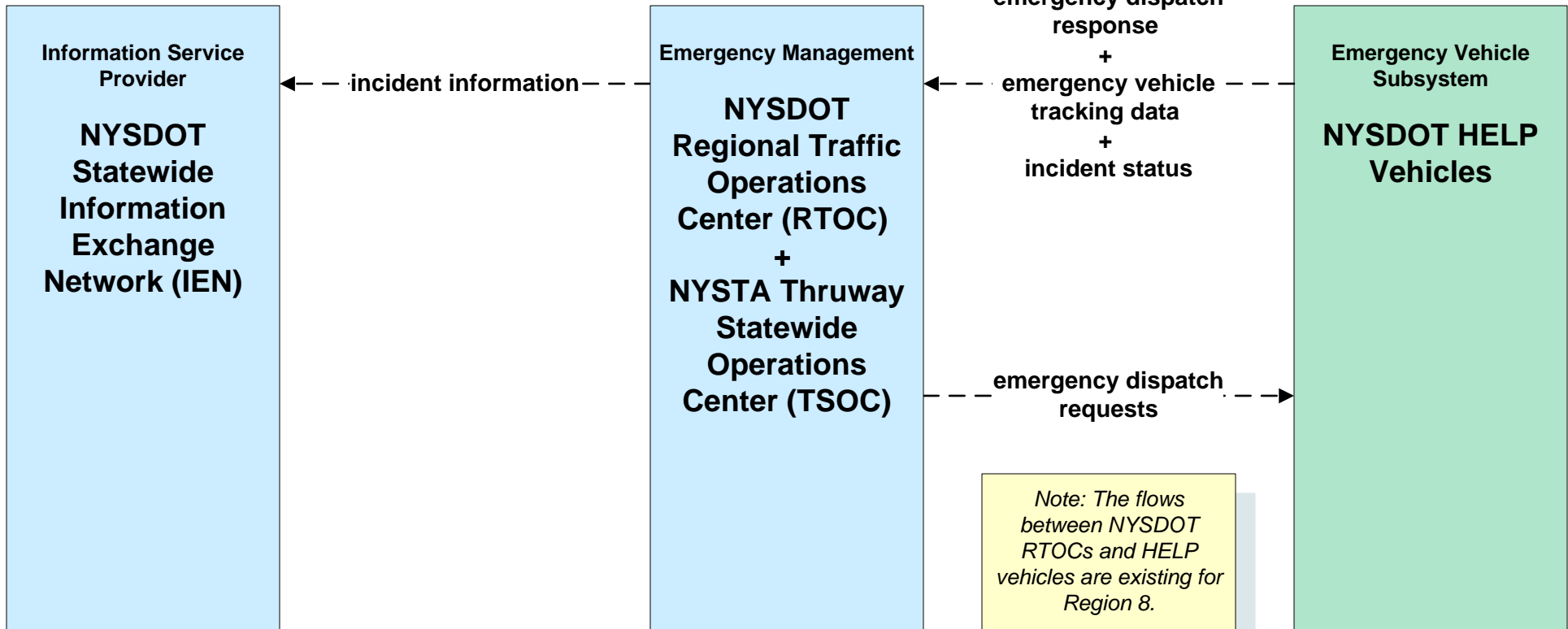
**EM01 - Emergency Call-Taking and Dispatch
 NYSDOT Statewide Transportation Information Control Center (STICC) and
 Statewide Information Exchange Network (IEN)**



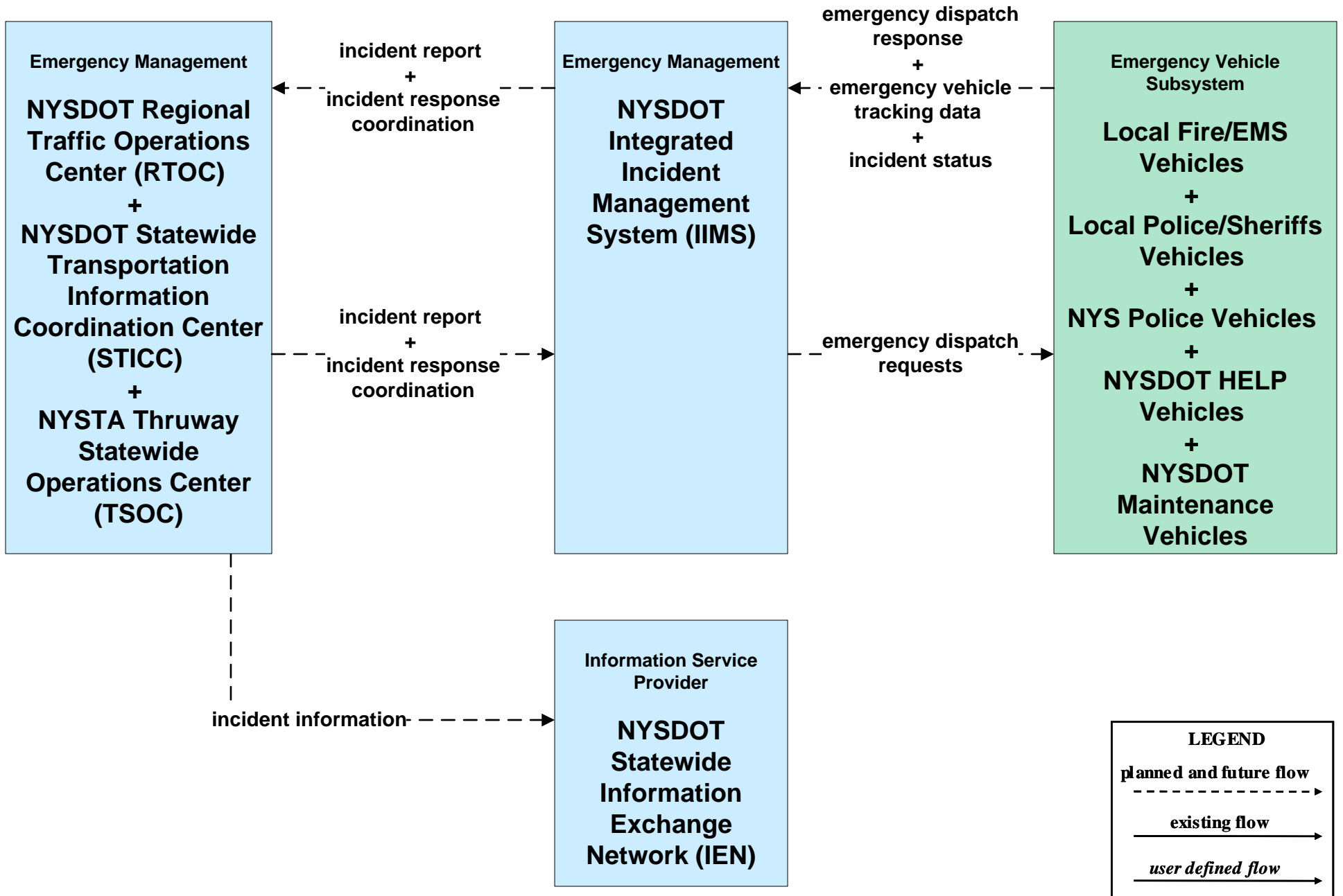
EM02 - Emergency Routing
NYSDOT Traffic Signals - Local Public Safety Vehicles



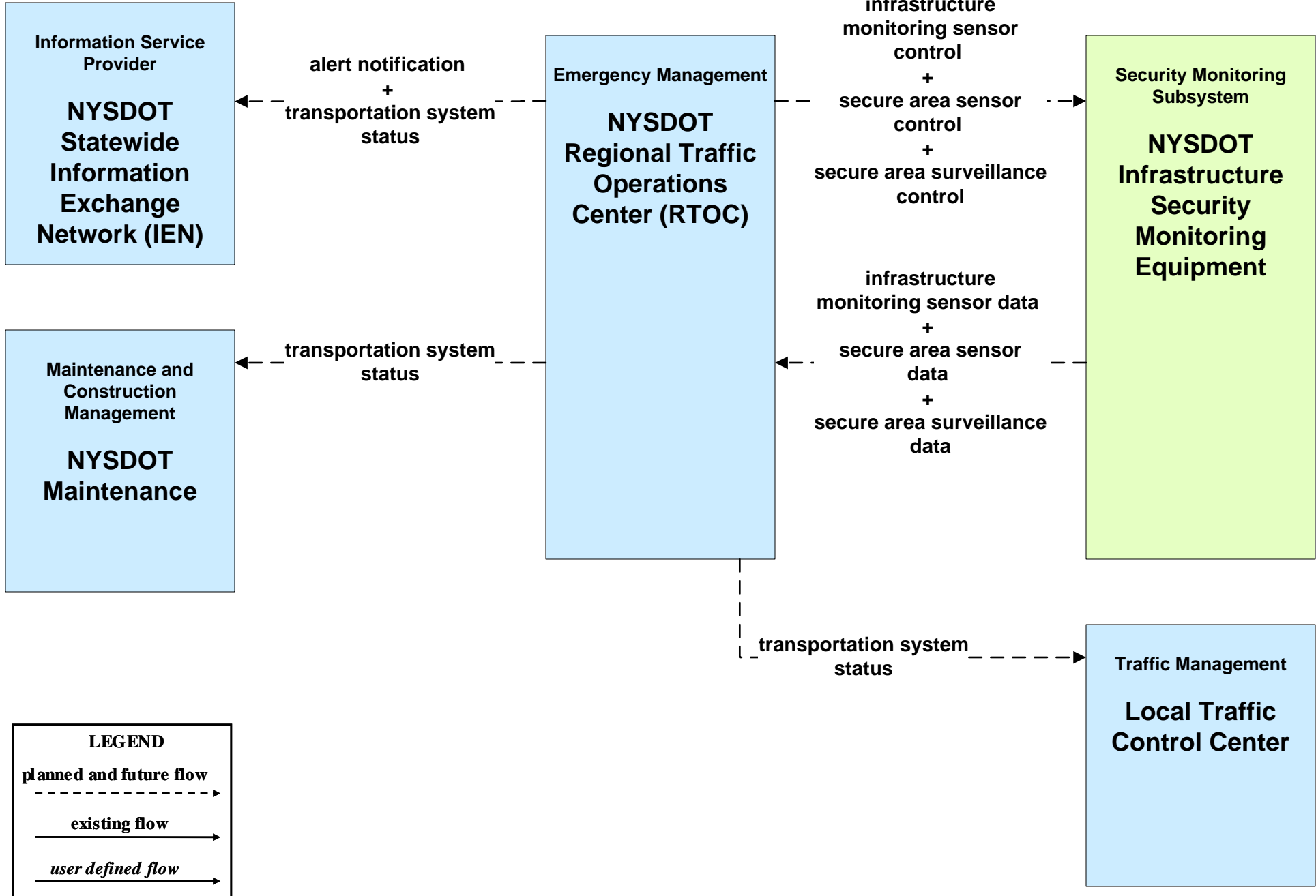
EM04 - Roadway Service Patrols NYSDOT HELP Vehicles



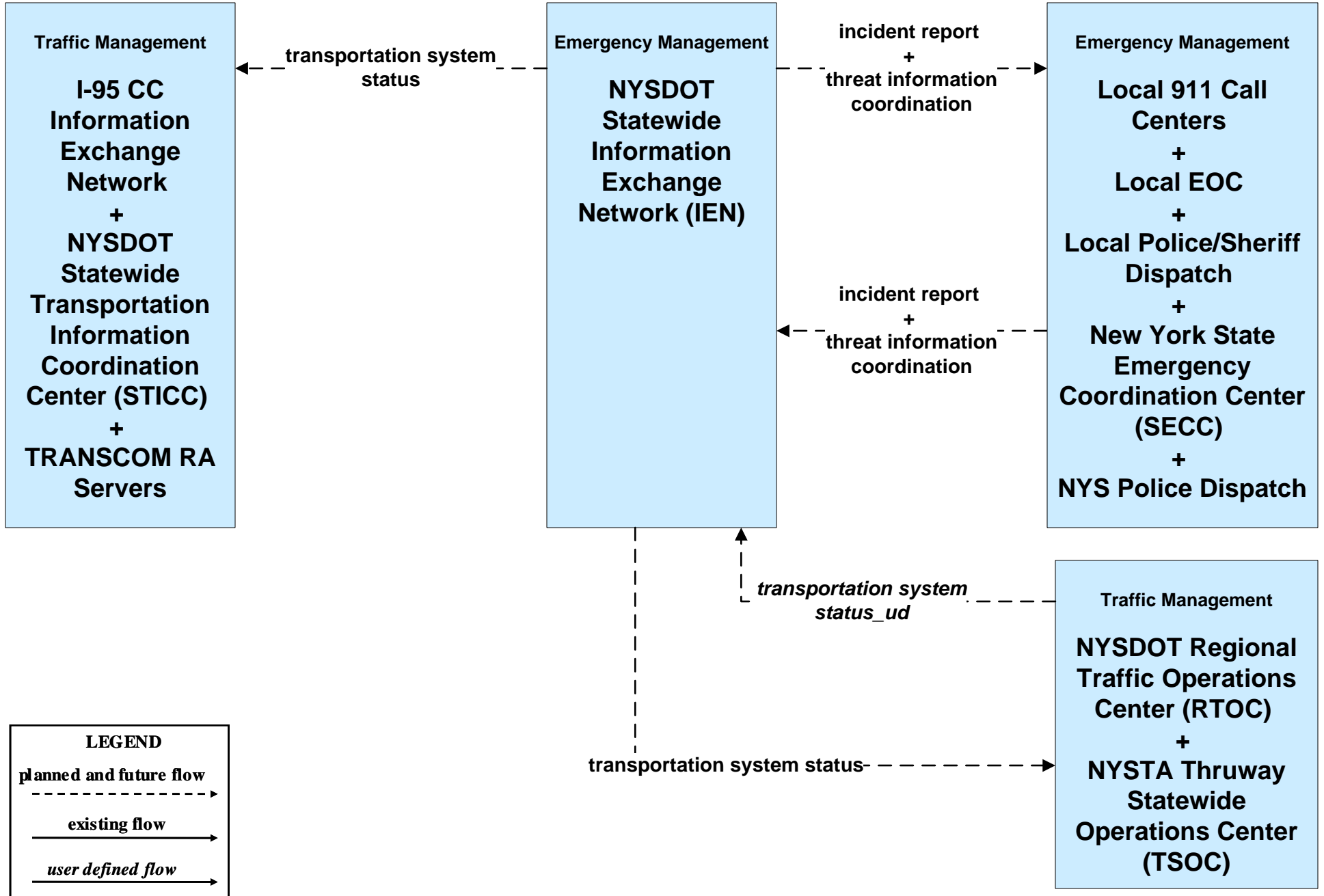
**EM04 - Roadway Service Patrols
 NYSDOT IIMS Vehicles**



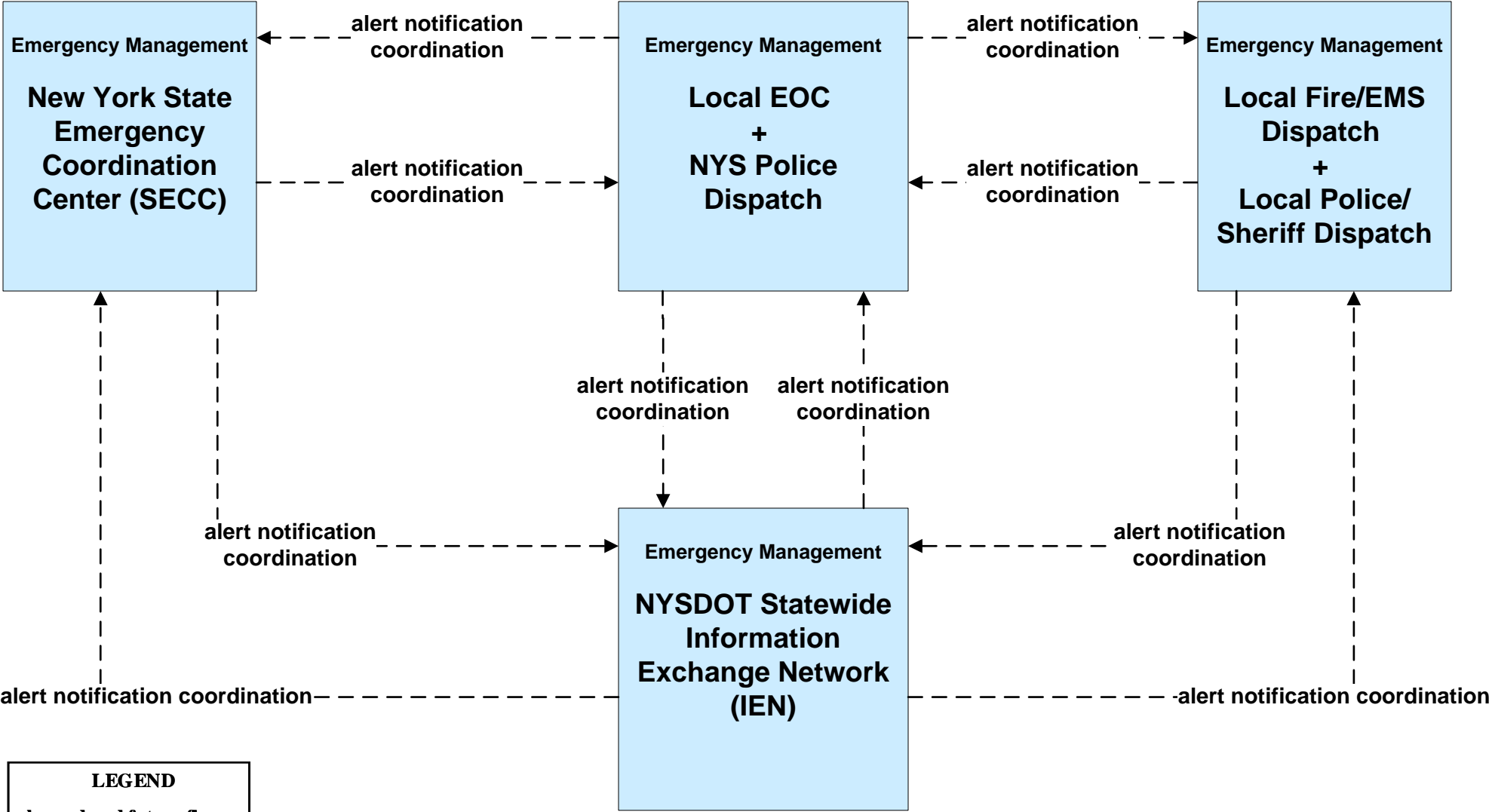
**EM05 - Transportation Infrastructure Protection
 NYSDOT RTOCs / IEN (1 of 2)**



**EM05 - Transportation Infrastructure Protection
 NYSDOT RTOCs / IEN (2 of 2)**



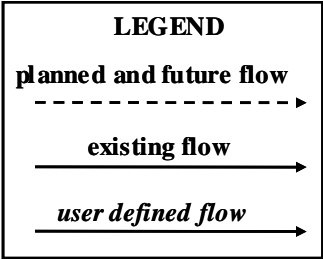
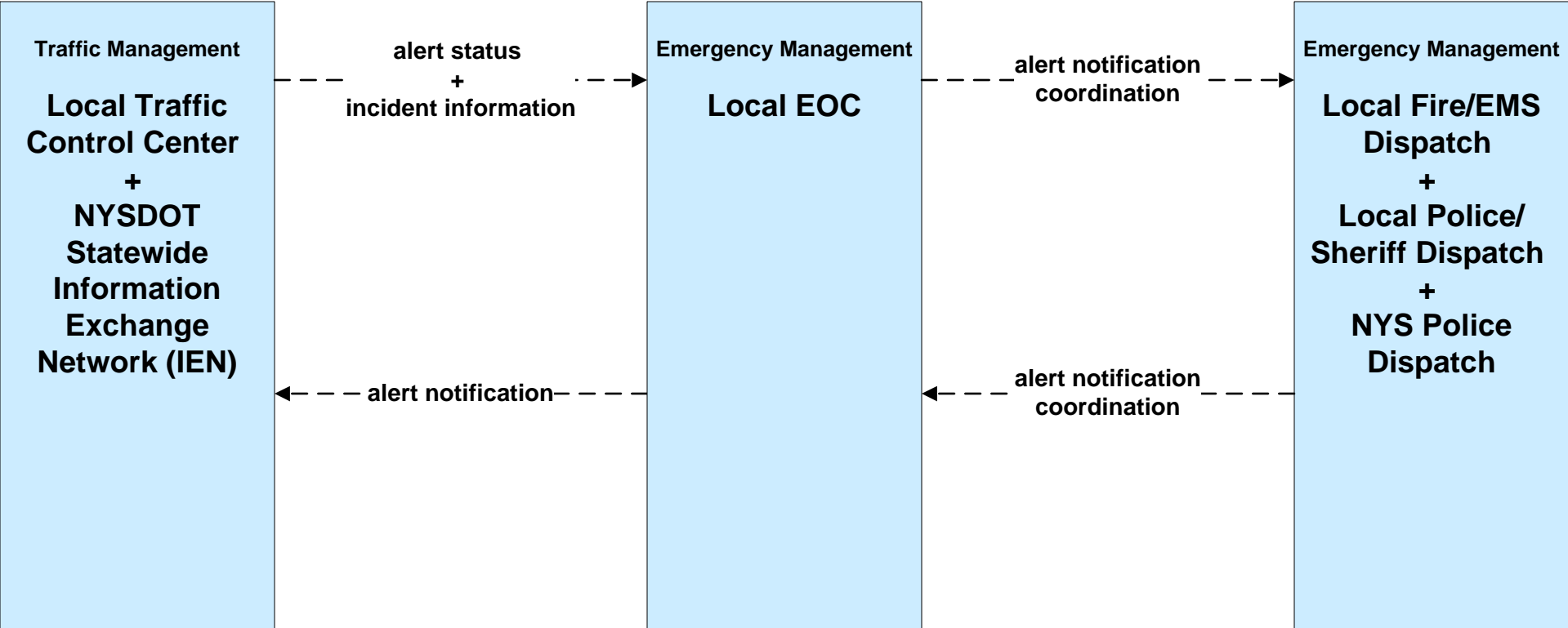
**EM06 - Wide Area Alert
New York SECC / Local EOC / NYSDOT IEN**



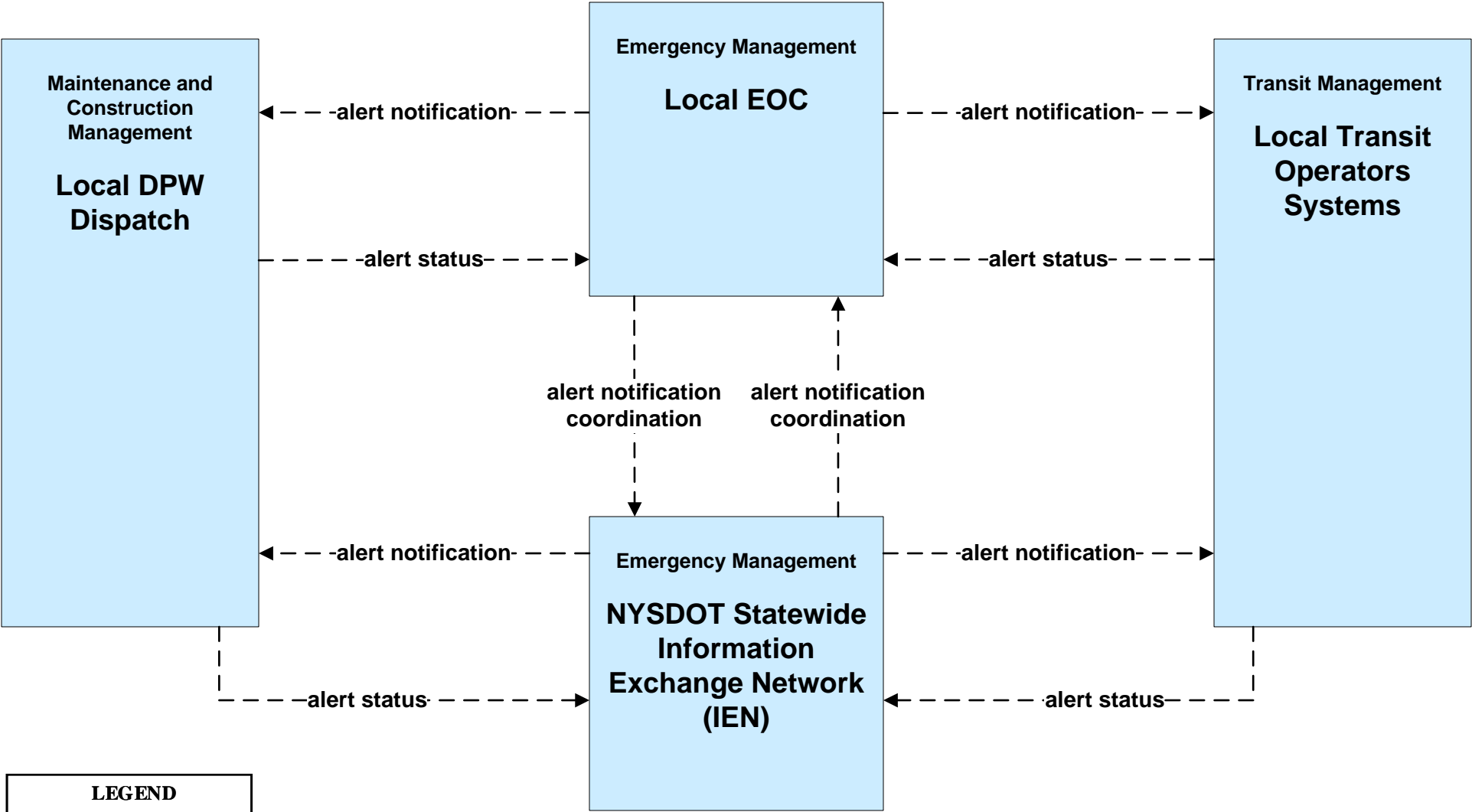
LEGEND

- planned and future flow**
- - - - ->
- existing flow**
—————>
- user defined flow**
—————>

**EM06 - Wide Area Alert
Local EOC (1 of 2)**



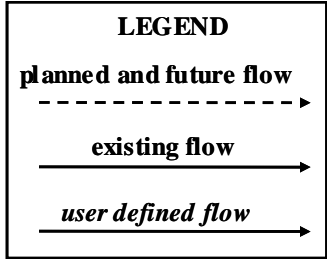
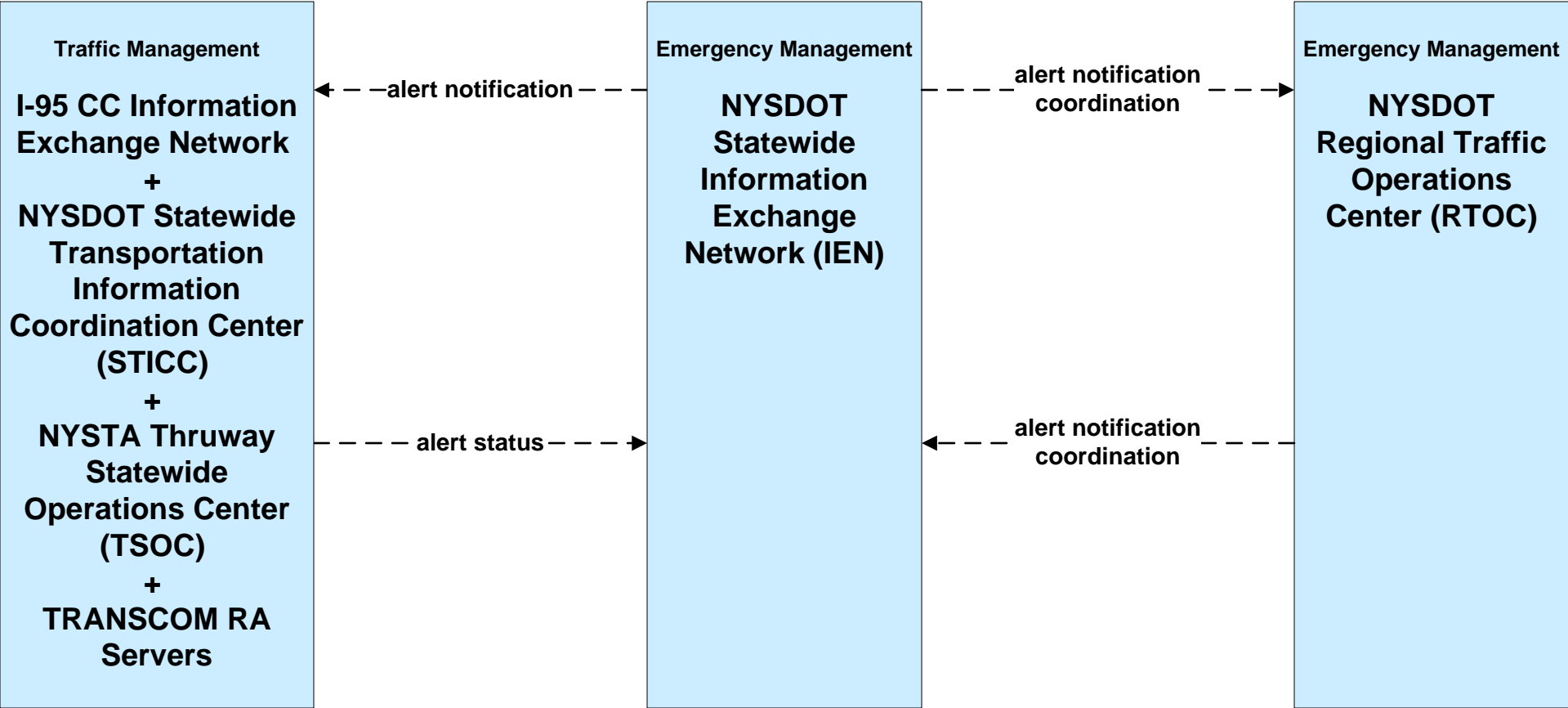
**EM06 - Wide Area Alert
Local EOC (2 of 2)**



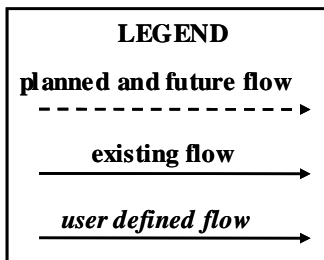
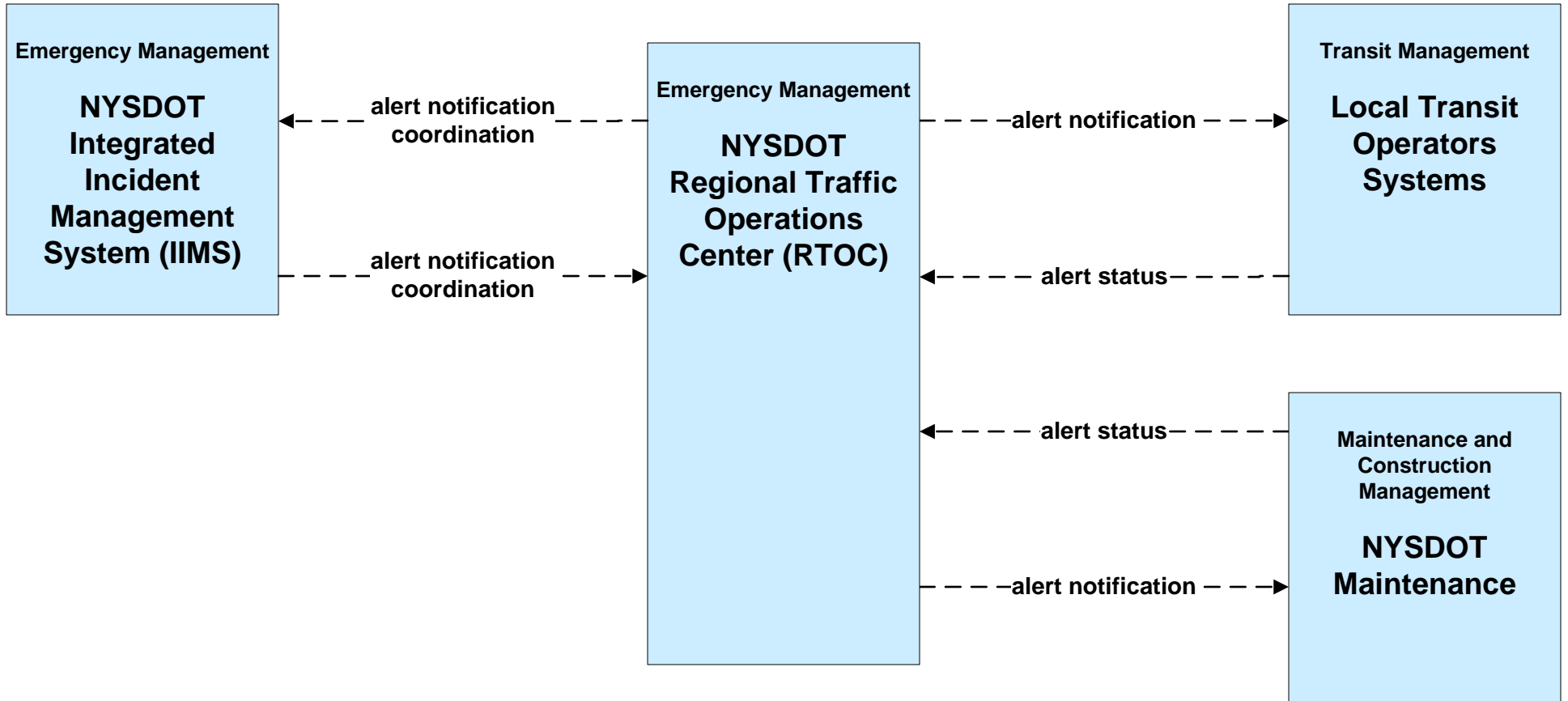
LEGEND

- planned and future flow*
- existing flow*
- user defined flow*

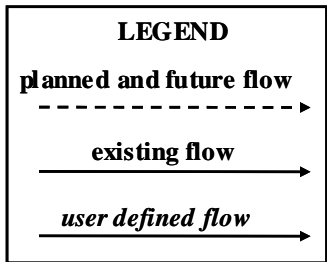
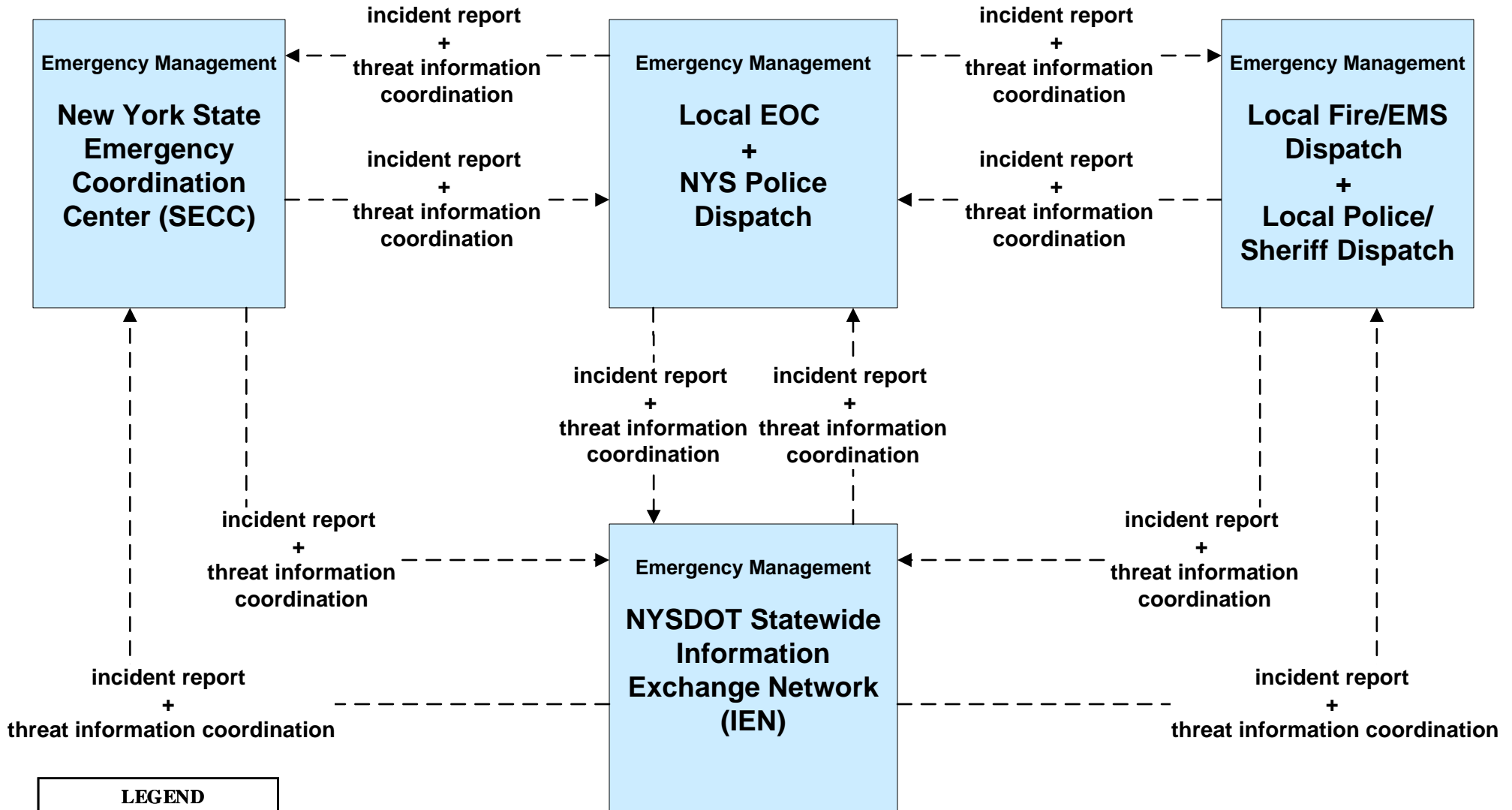
**EM06 - Wide Area Alert
NYSDOT IEN**



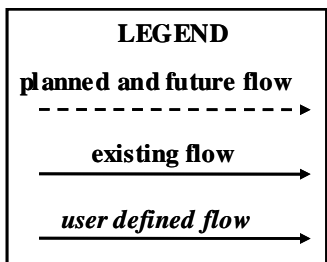
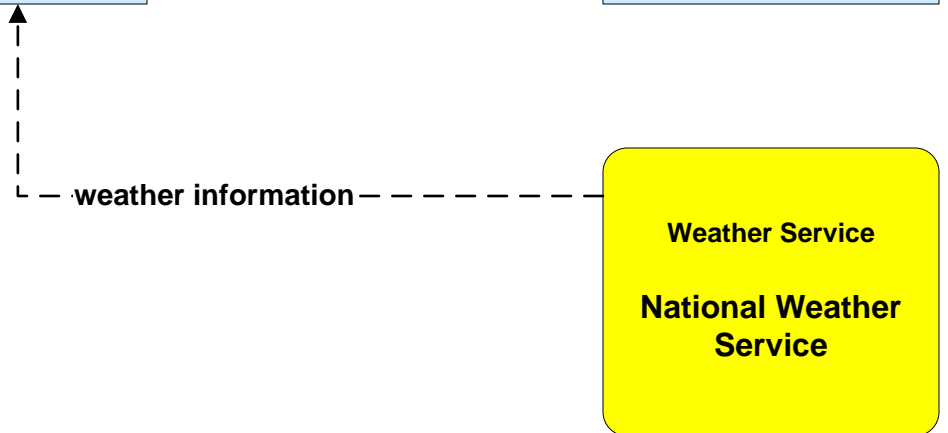
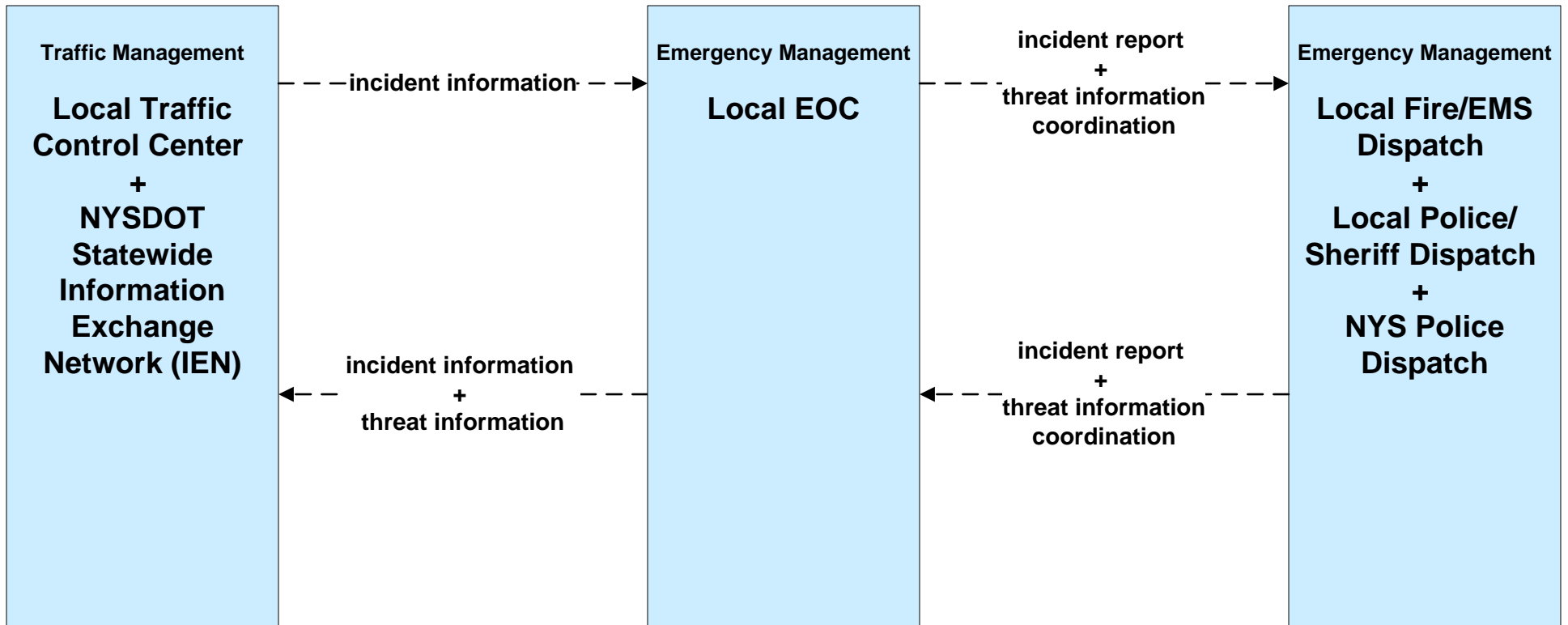
**EM06 - Wide Area Alert
NYSDOT Regional Traffic Operations Centers**



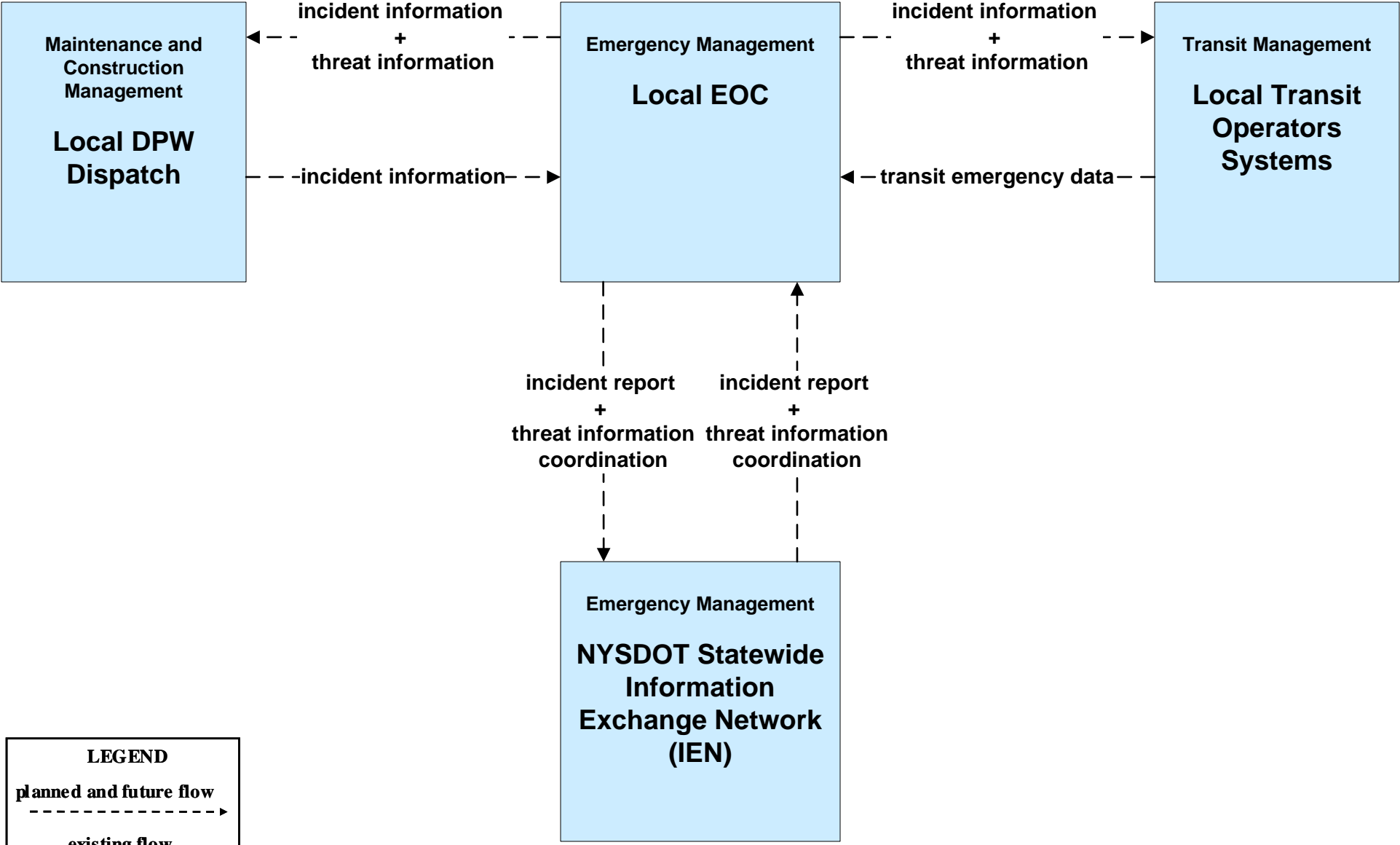
**EM07 - Early Warning System
New York SECC / Local EOC / NYSDOT IEN**



**EM07 - Early Warning System
Local EOC (1 of 2)**



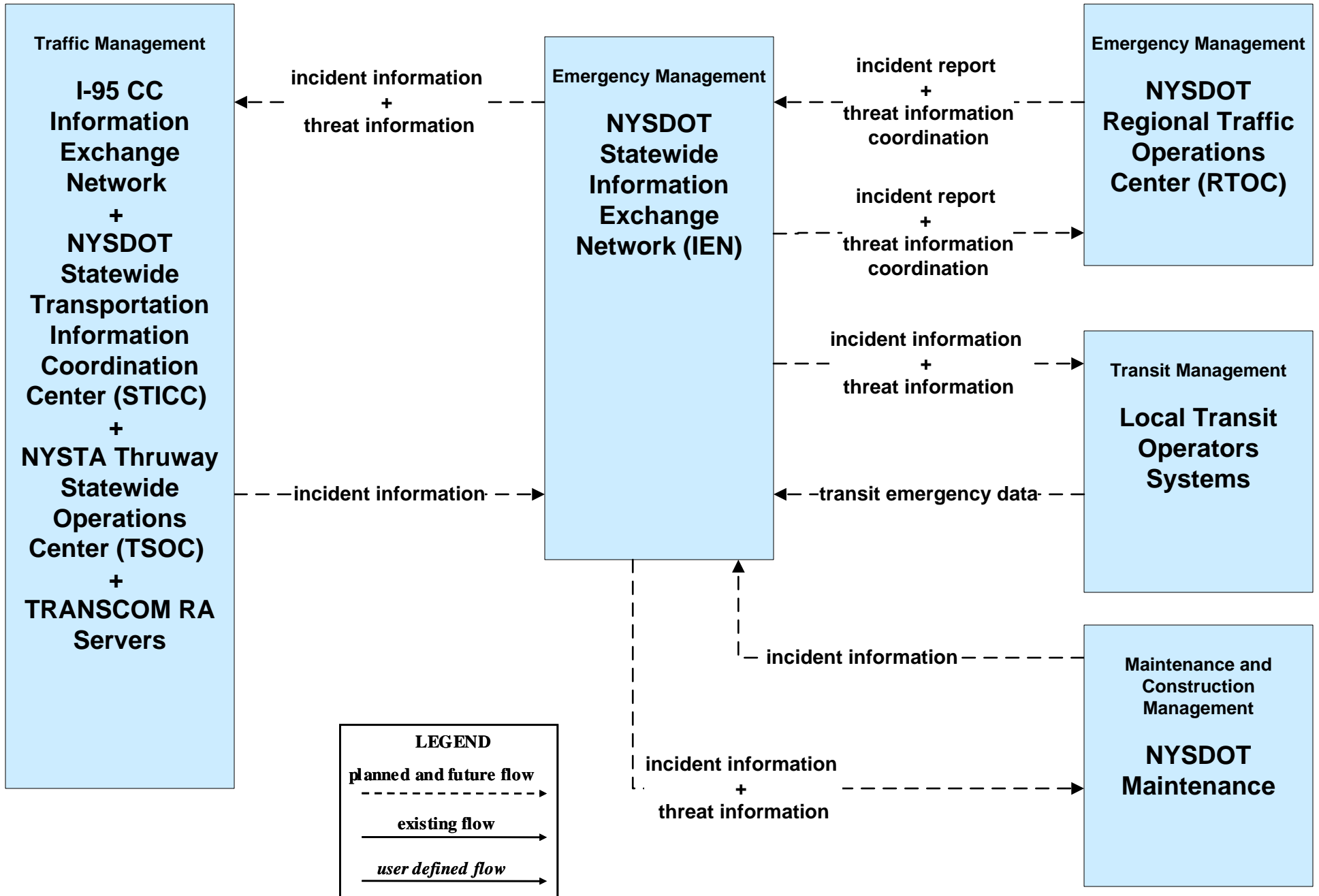
**EM07 - Early Warning System
Local EOC (2 of 2)**



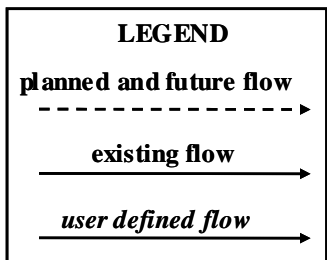
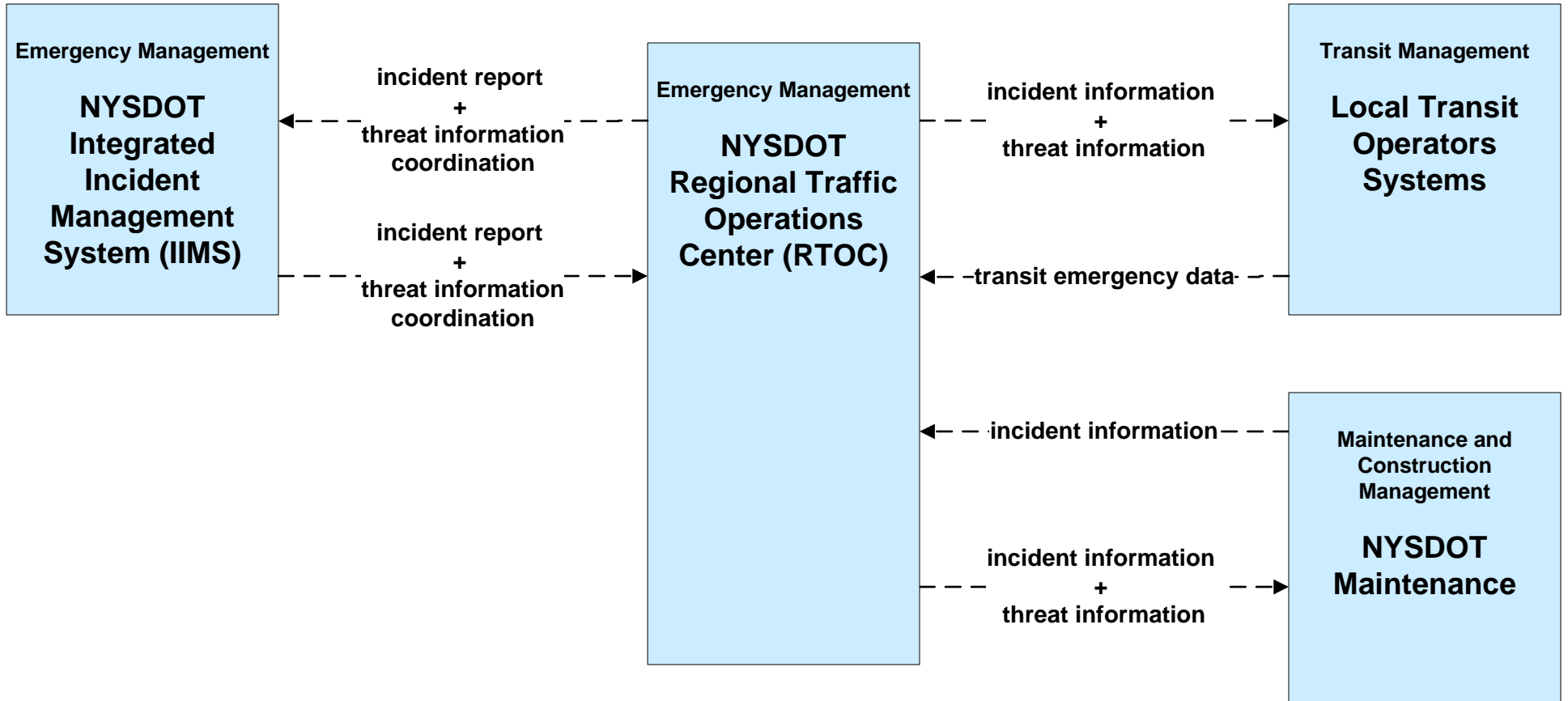
LEGEND

- planned and future flow**
----->
- existing flow**
—————>
- user defined flow**
—————>

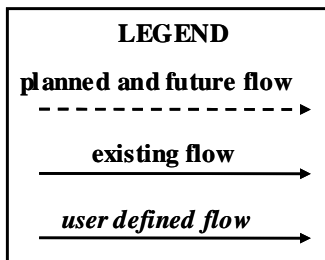
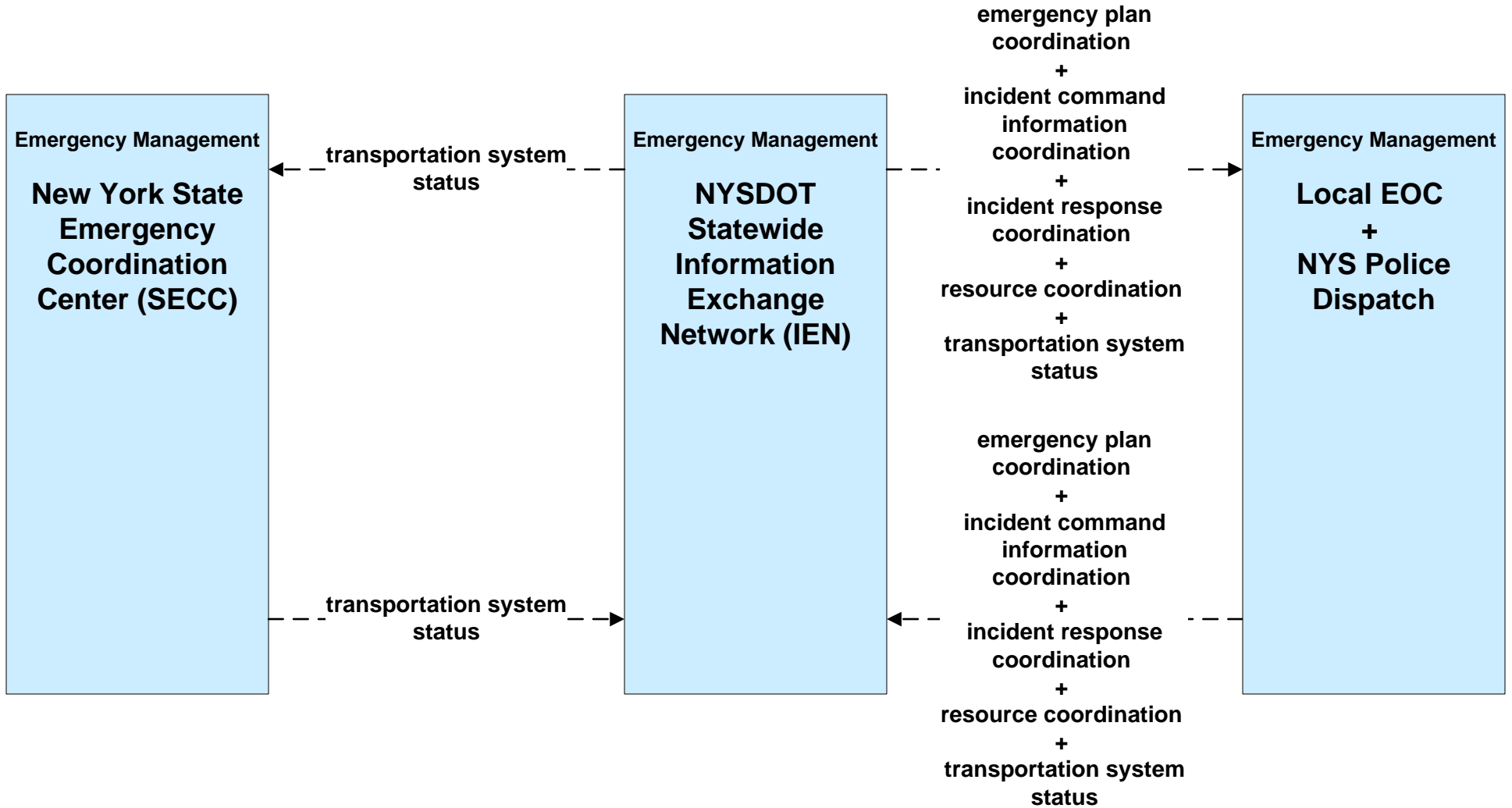
**EM07 – Early Warning System
NYSDOT IEN**



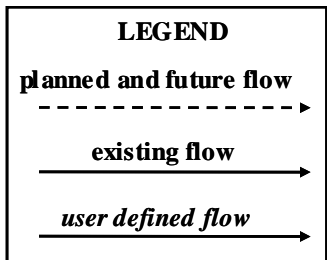
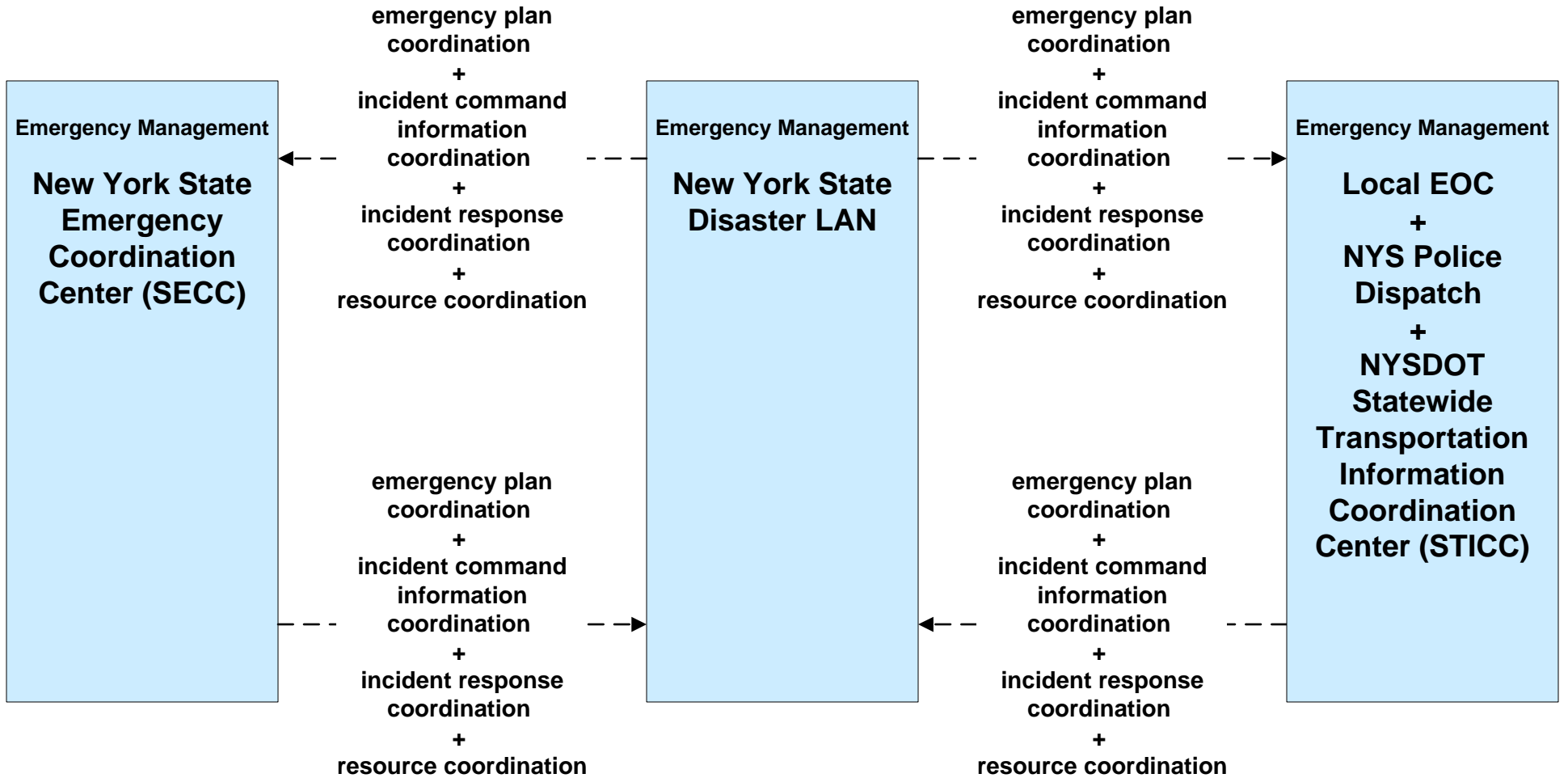
**EM07 – Early Warning System
 NYSDOT Regional Traffic Operations Centers**



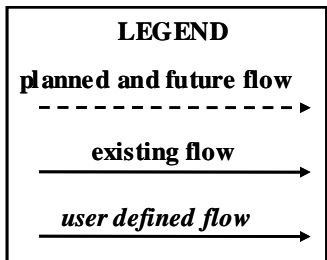
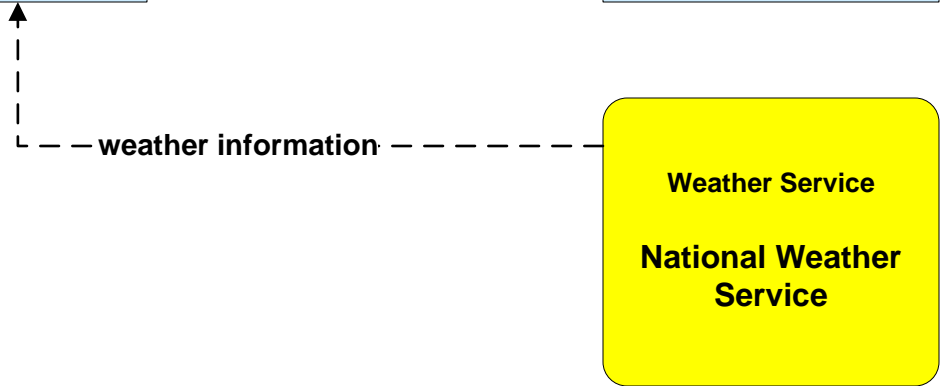
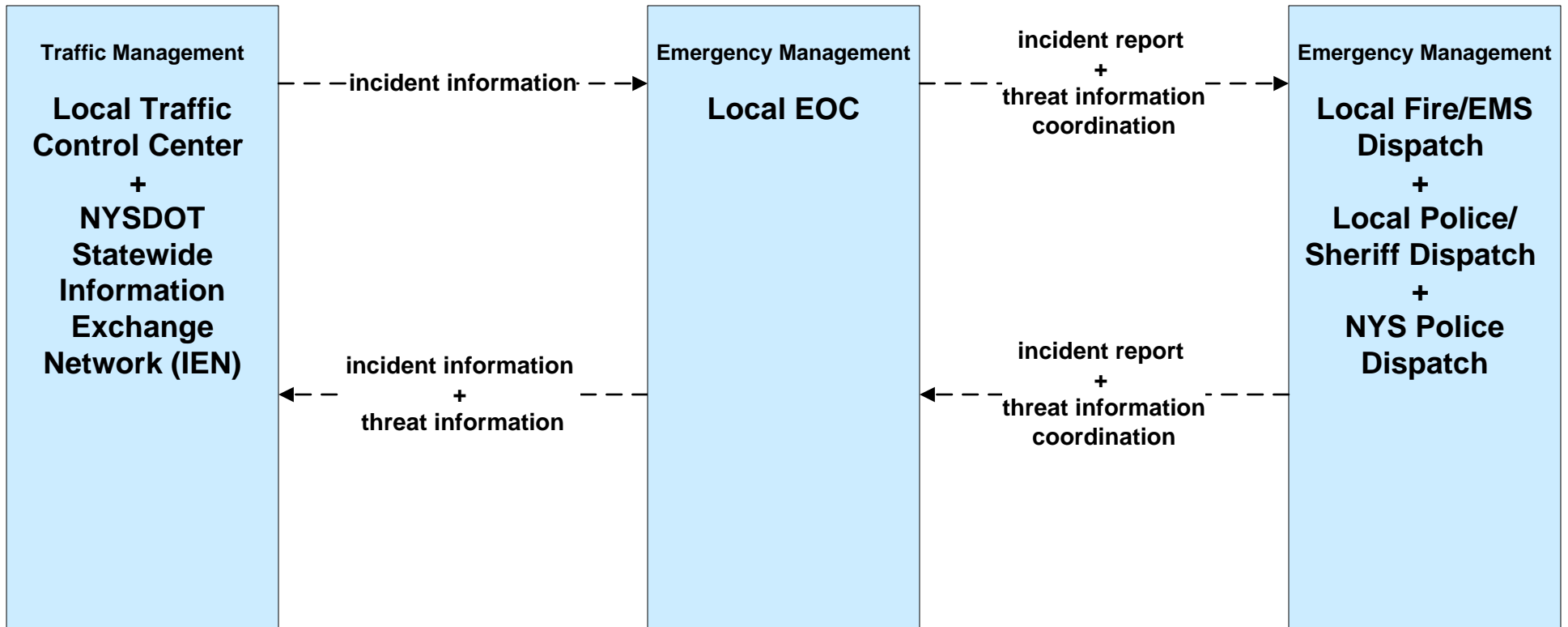
**EM08 - Disaster Response and Recovery
New York SECC / Local EOC / NYSDOT IEN**



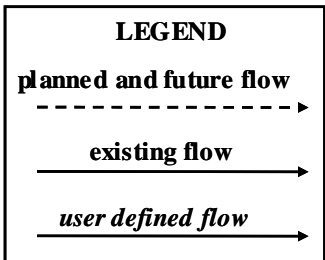
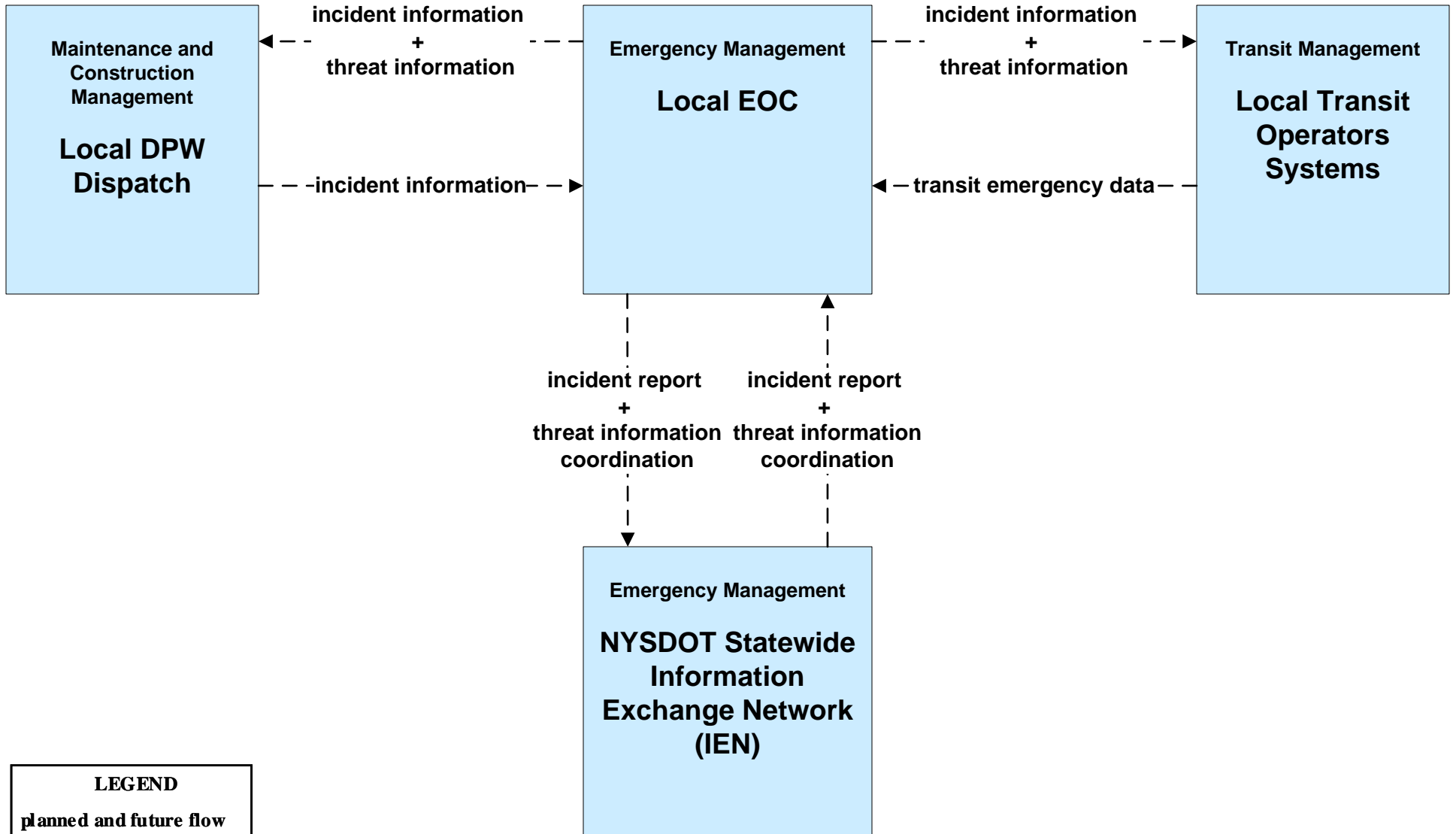
EM08 - Disaster Response and Recovery New York State Disaster LAN



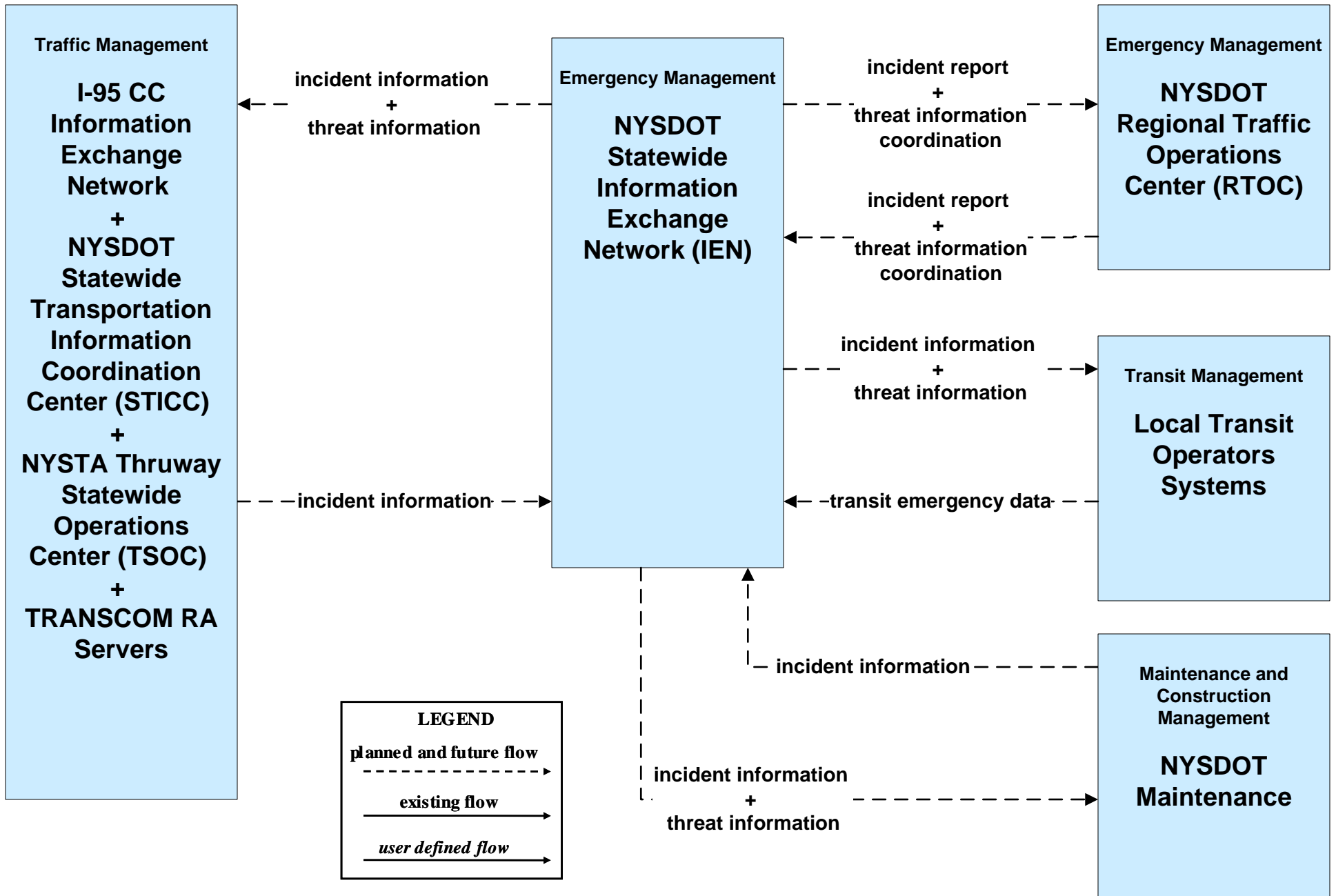
**EM08 – Disaster Recovery and Response
Local EOC (1 of 2)**



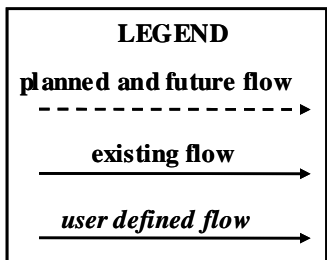
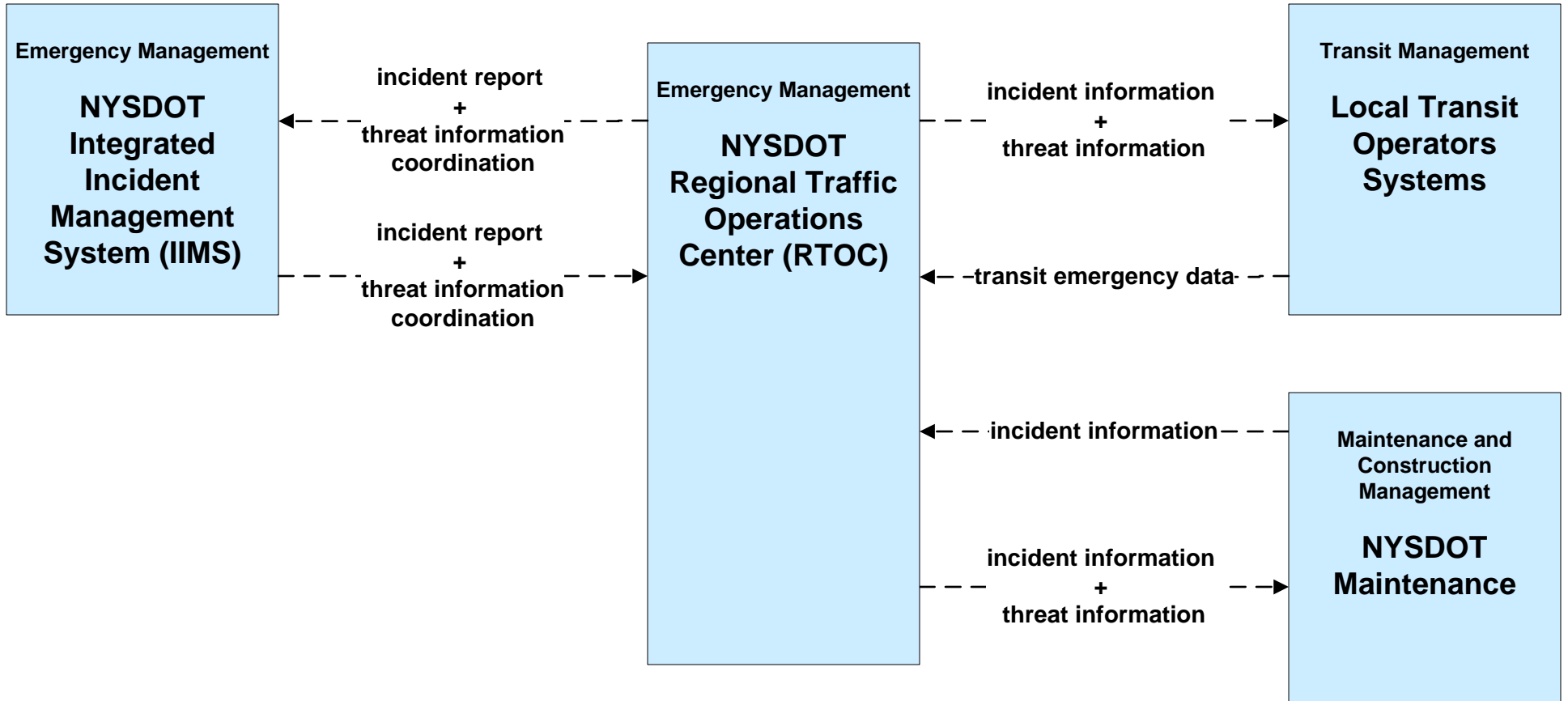
**EM08 – Disaster Recovery and Response
Local EOC (2 of 2)**



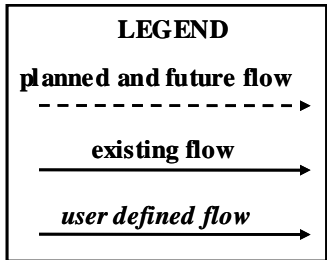
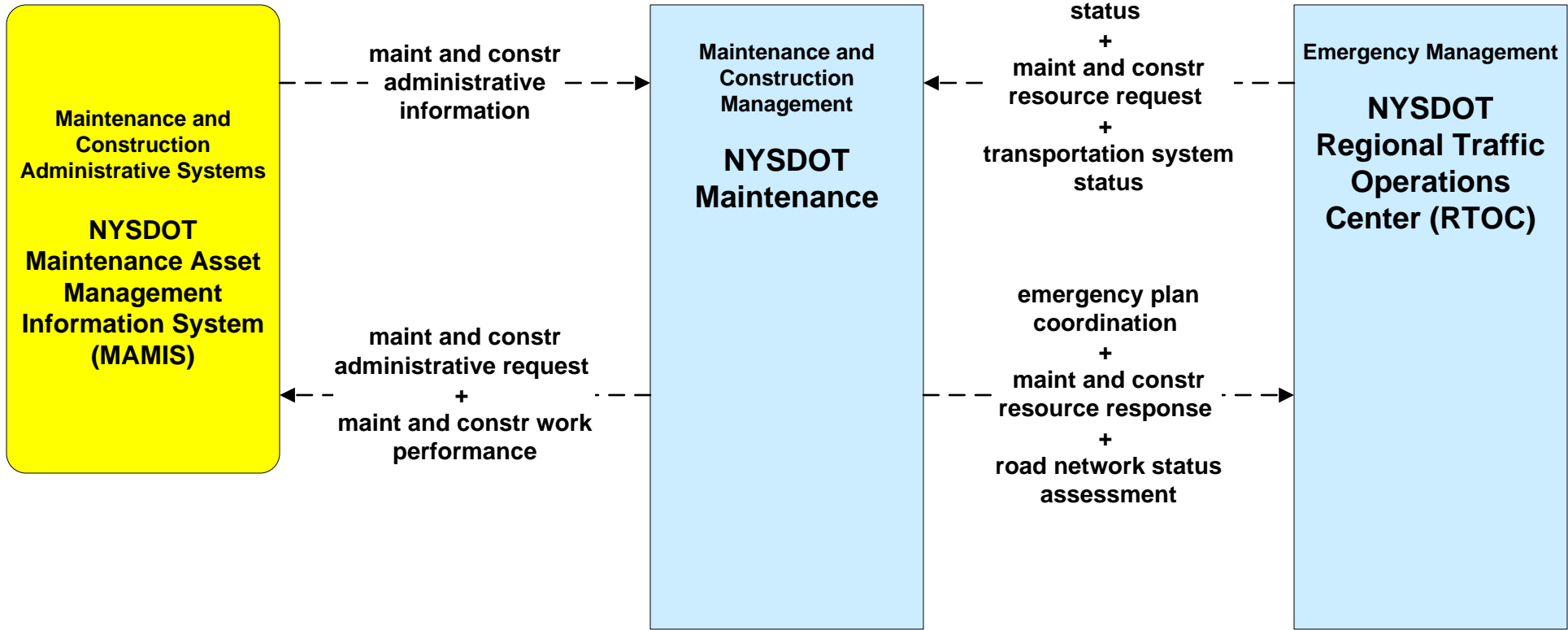
**EM08 – Disaster Recovery and Response
 NYSDOT IEN**



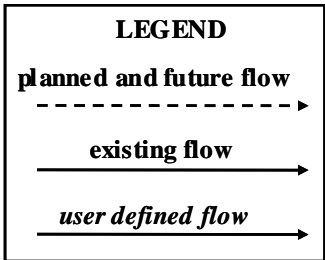
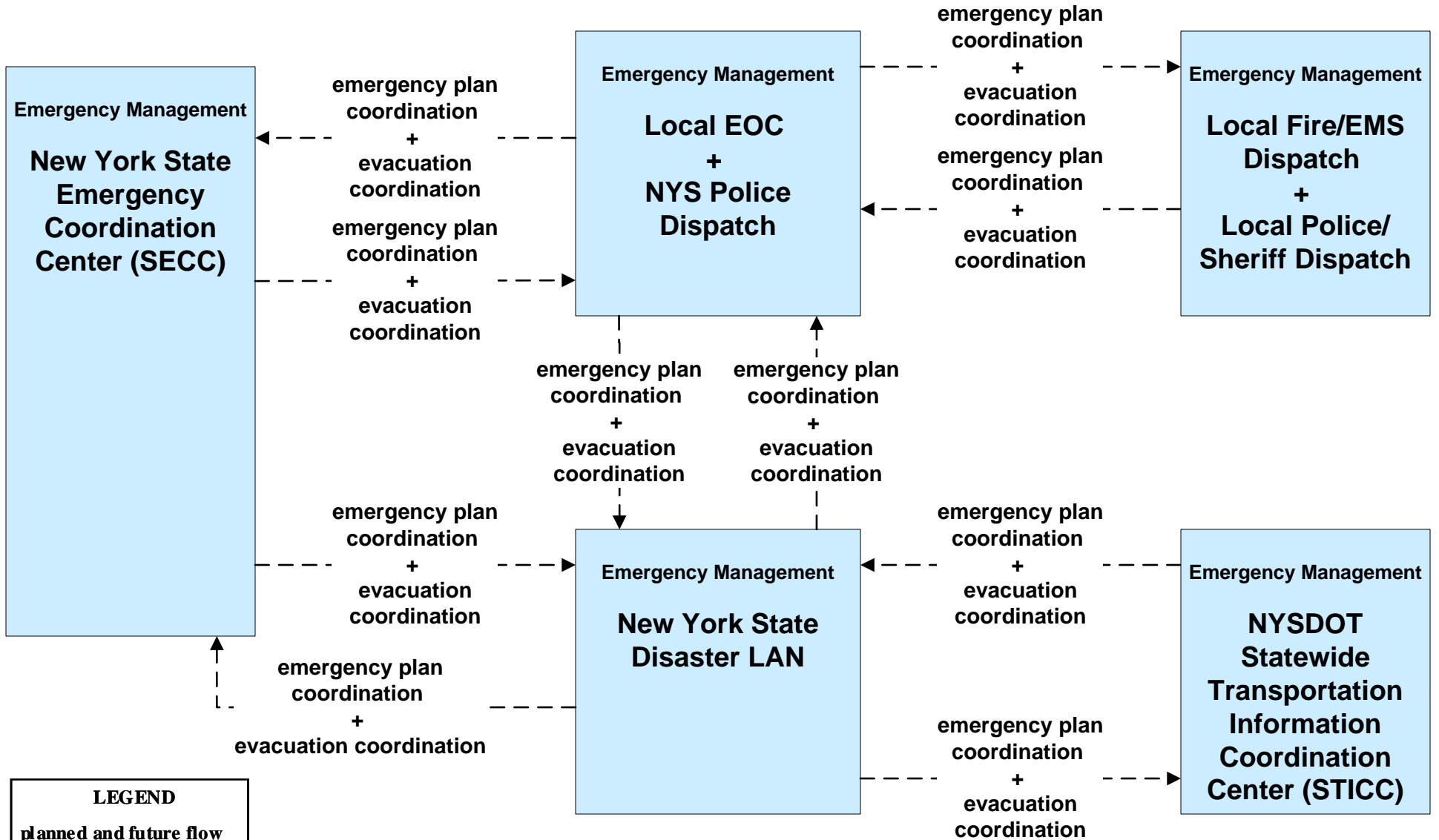
**EM08 – Disaster Recovery and Response
 NYSDOT Regional Traffic Operations Centers**



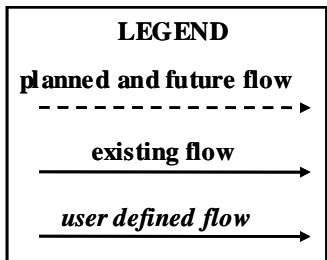
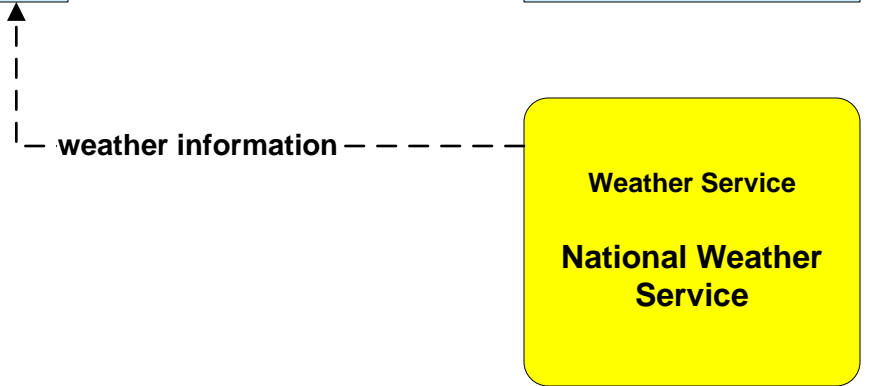
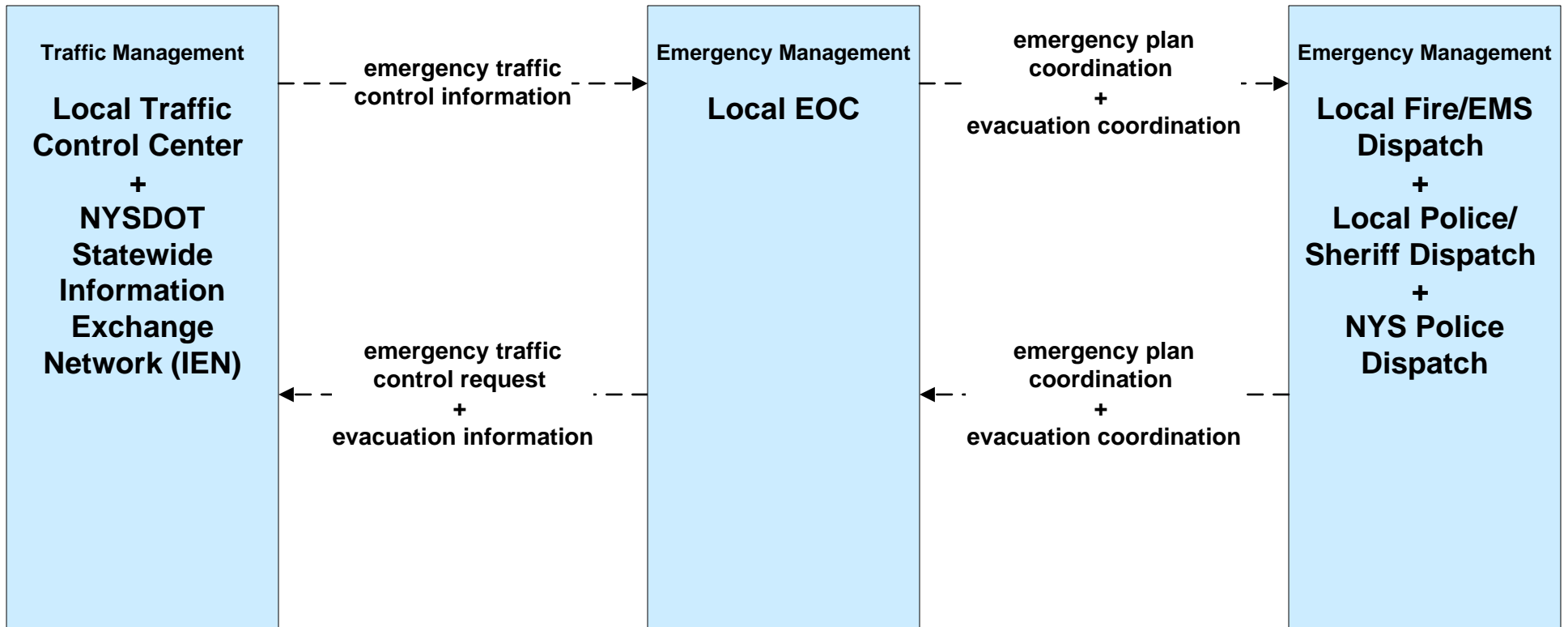
**EM08 – Disaster Recovery and Response
 NYSDOT MAMIS**



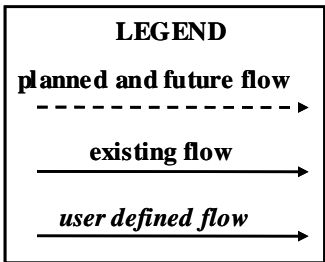
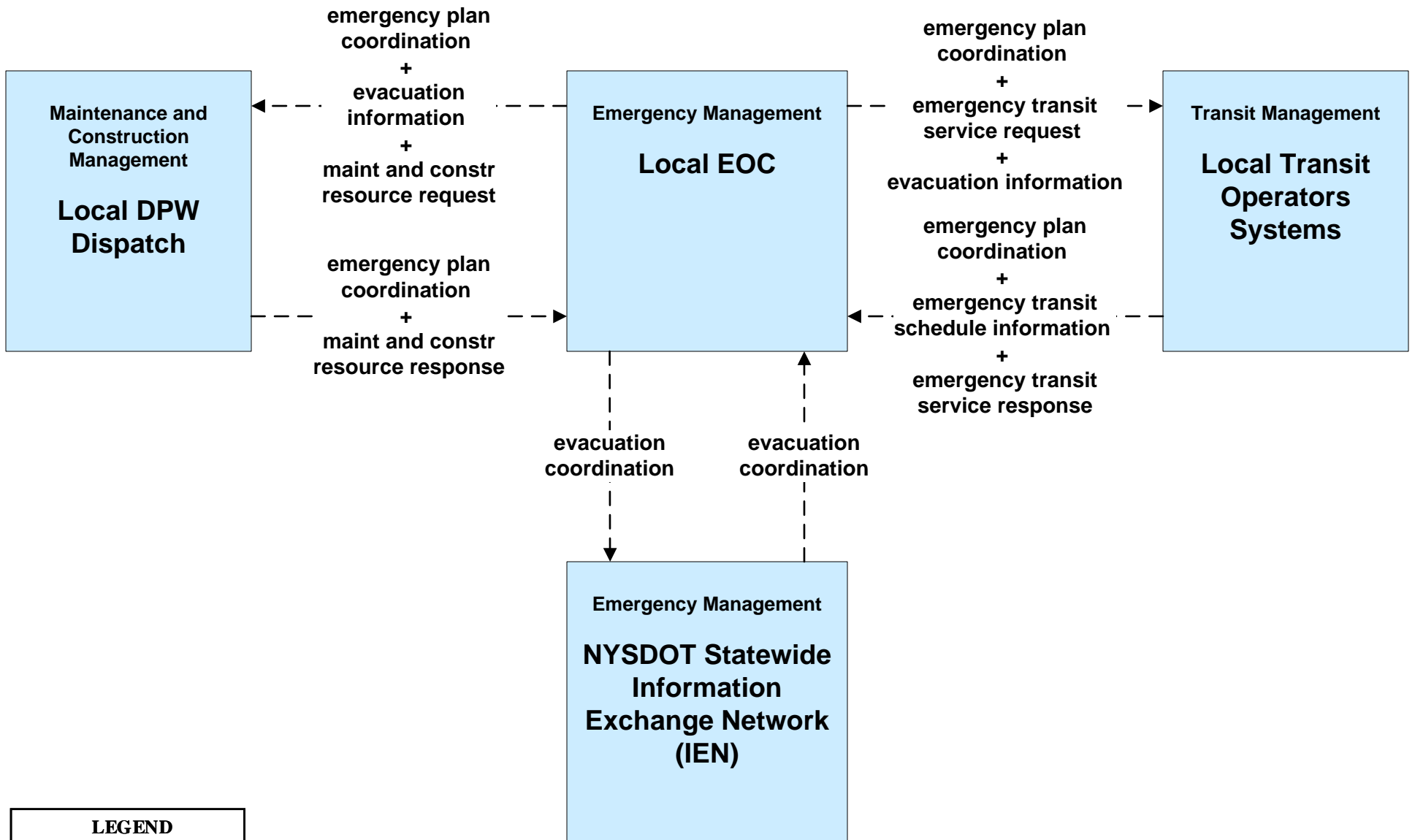
**EM09 – Evacuation and Reentry Management
New York SECC / Local EOC / NYSDOT STICC**



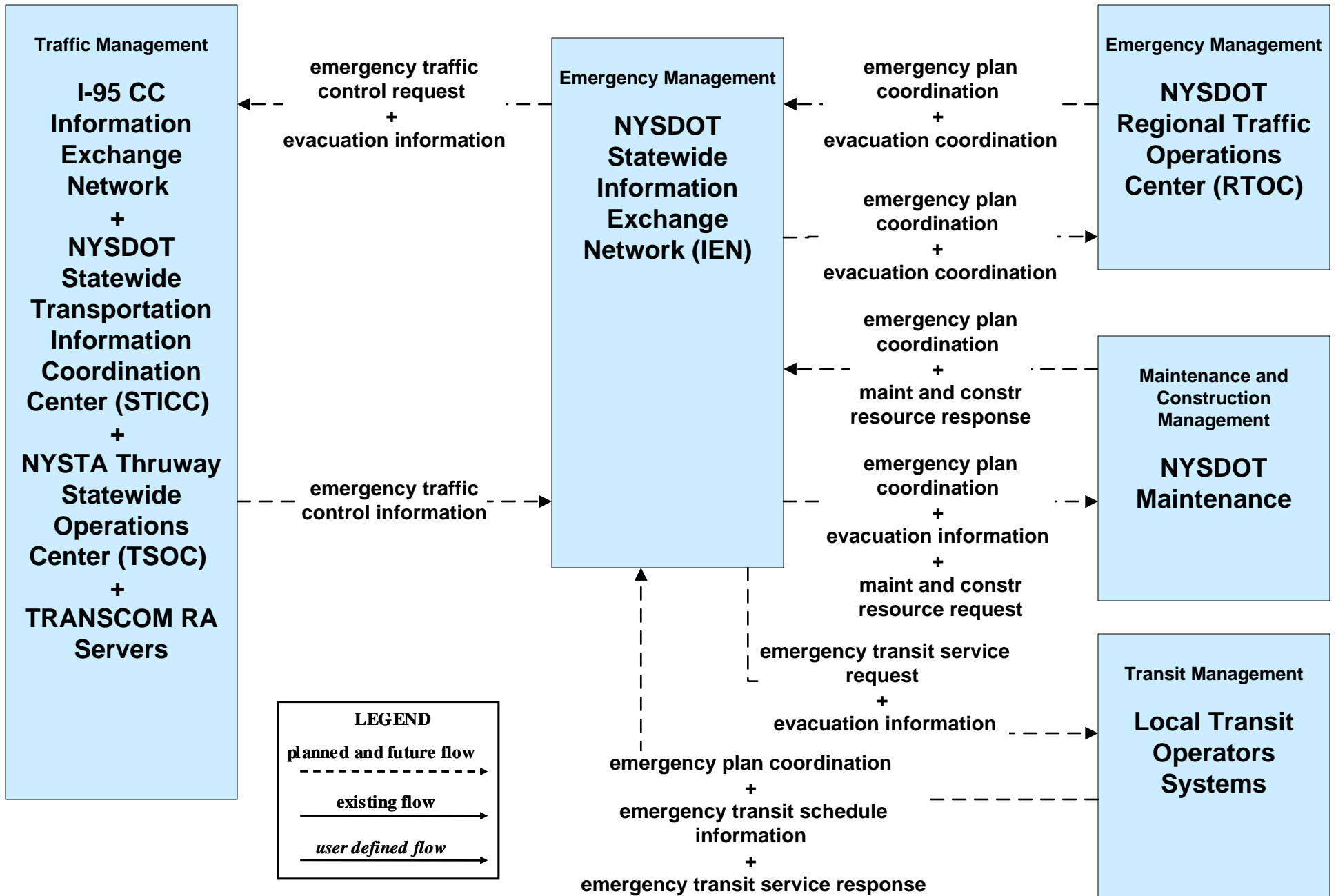
**EM09 – Evacuation and Reentry Management
Local EOC (1 of 2)**



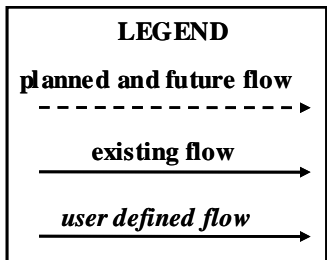
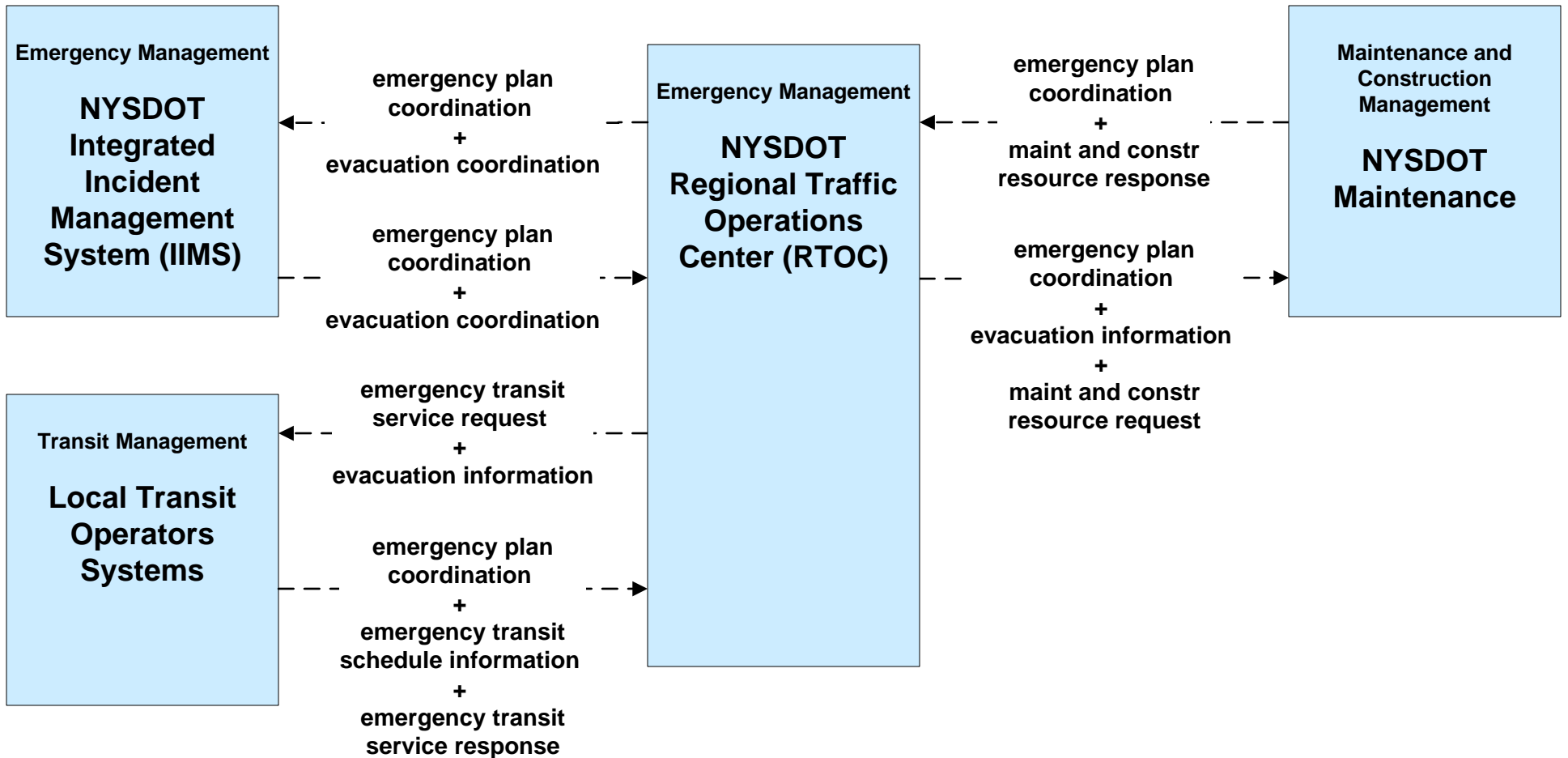
**EM09 – Evacuation and Reentry Management
Local EOC (2 of 2)**



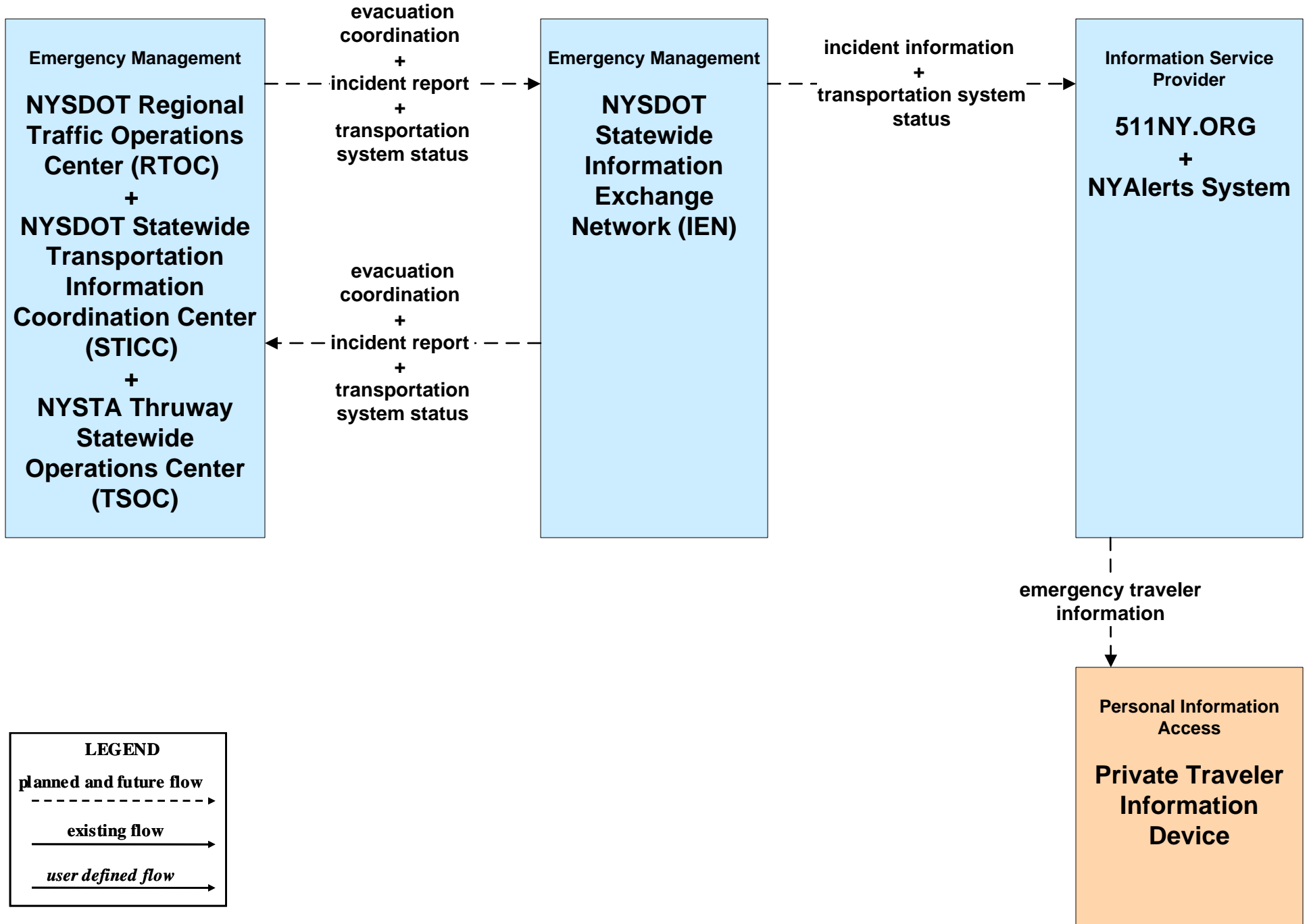
**EM09 – Evacuation and Reentry Management
NYSDOT IEN**



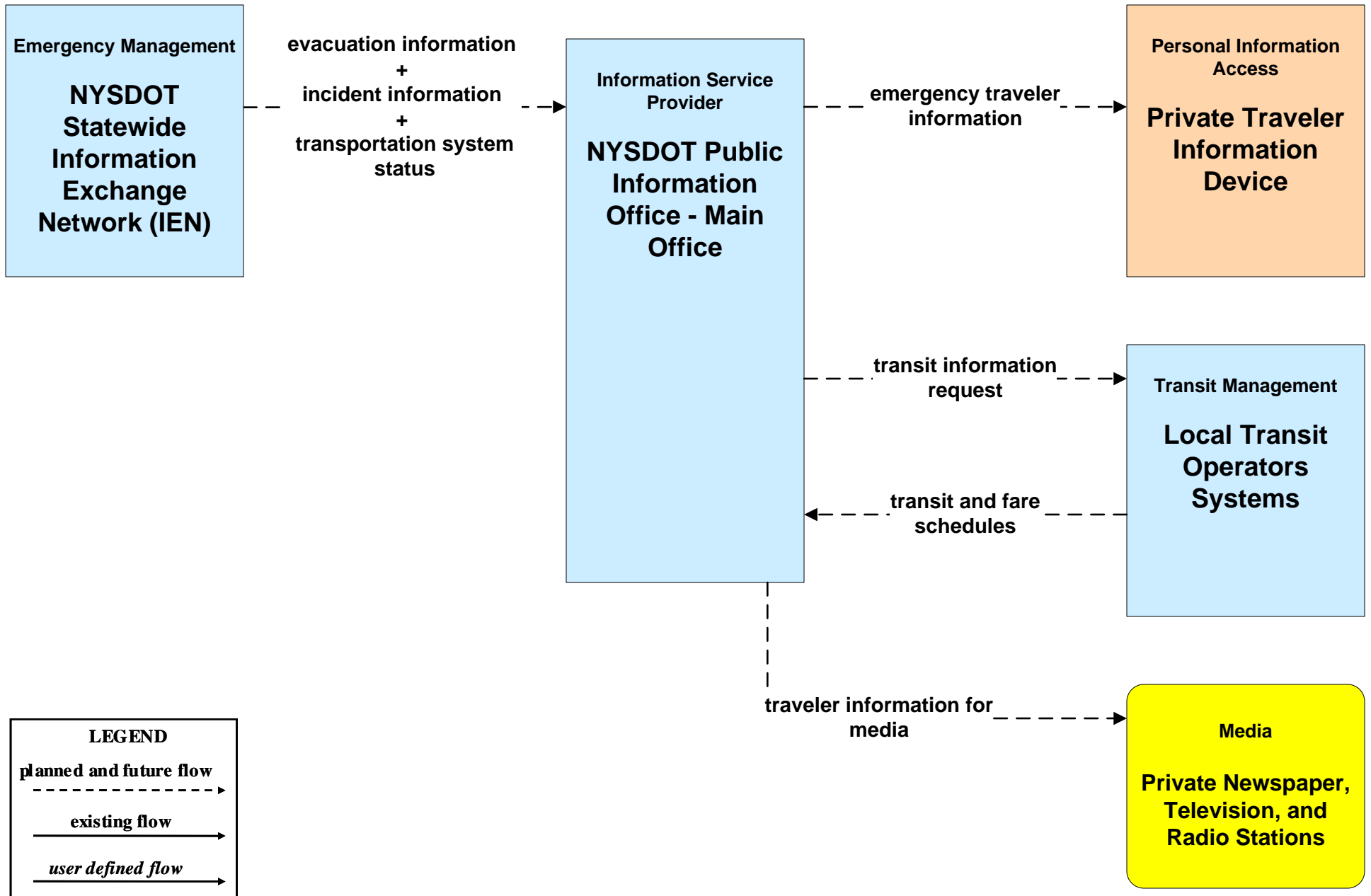
EM09 – Evacuation and Reentry Management NYSDOT Regional Traffic Operations Centers



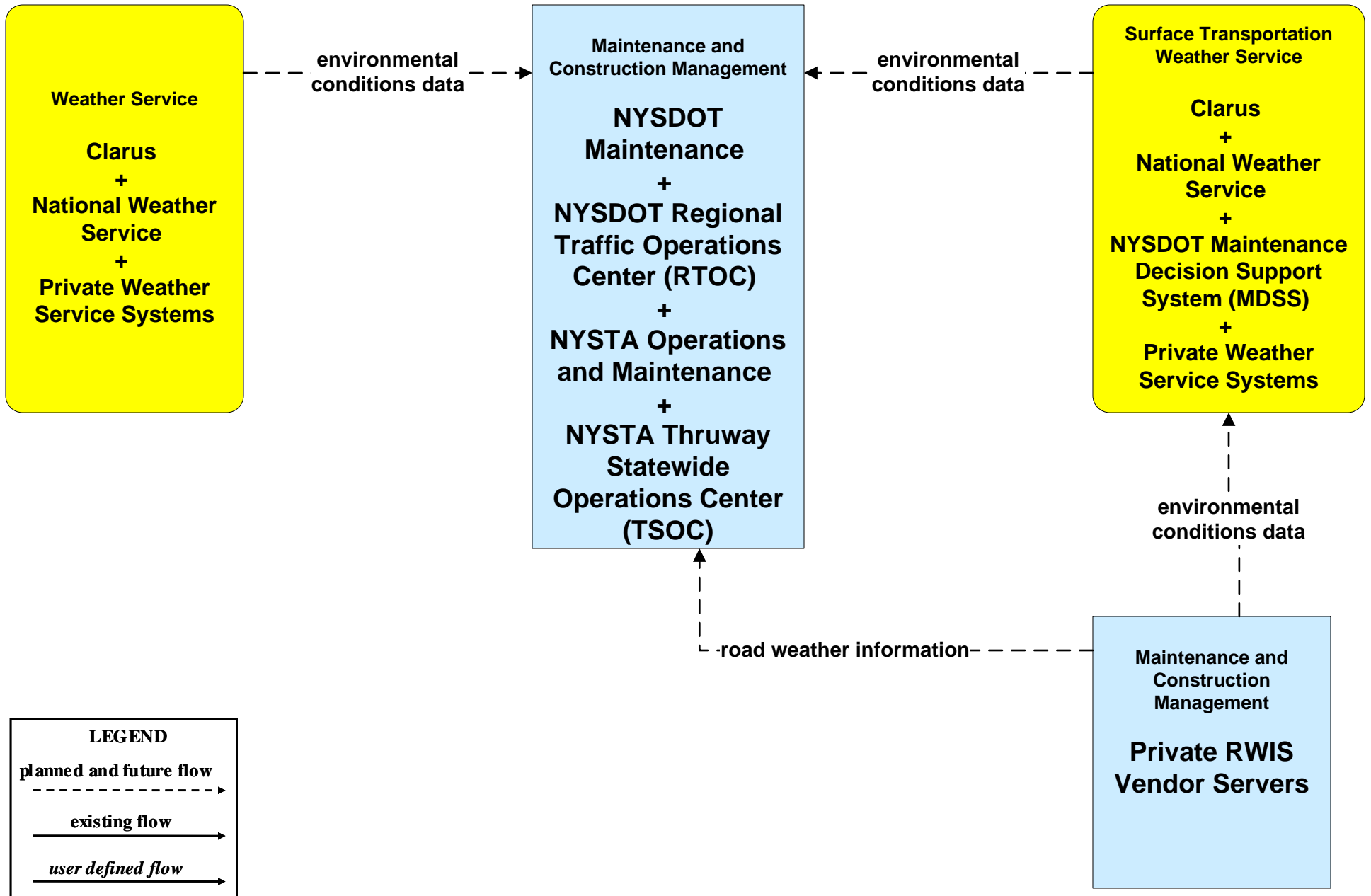
**EM10 - Disaster Traveler Information
NYSDOT IEN and NY511.ORG**



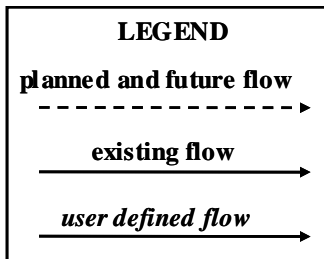
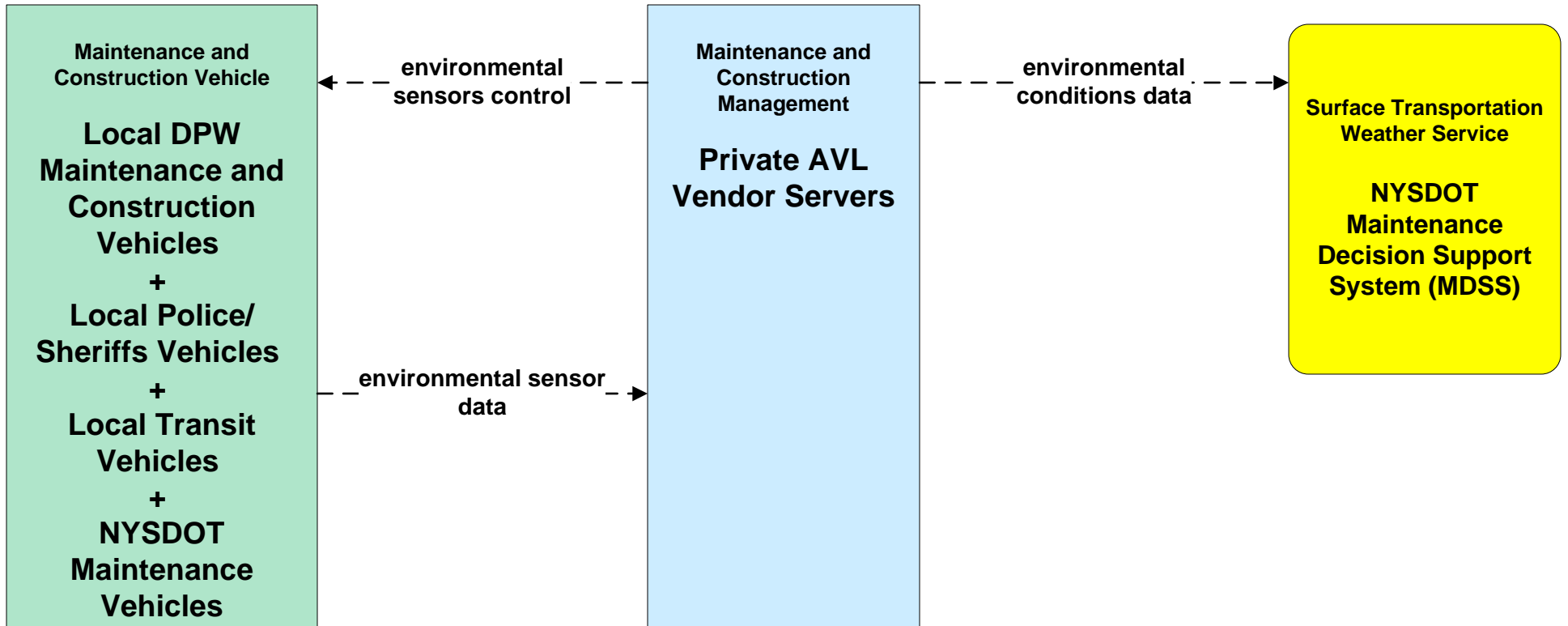
EM10 - Disaster Traveler Information NYSDOT Public Information Office System



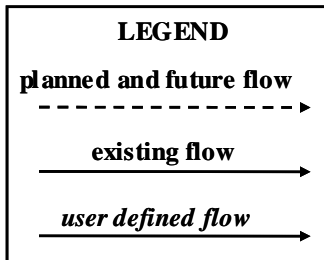
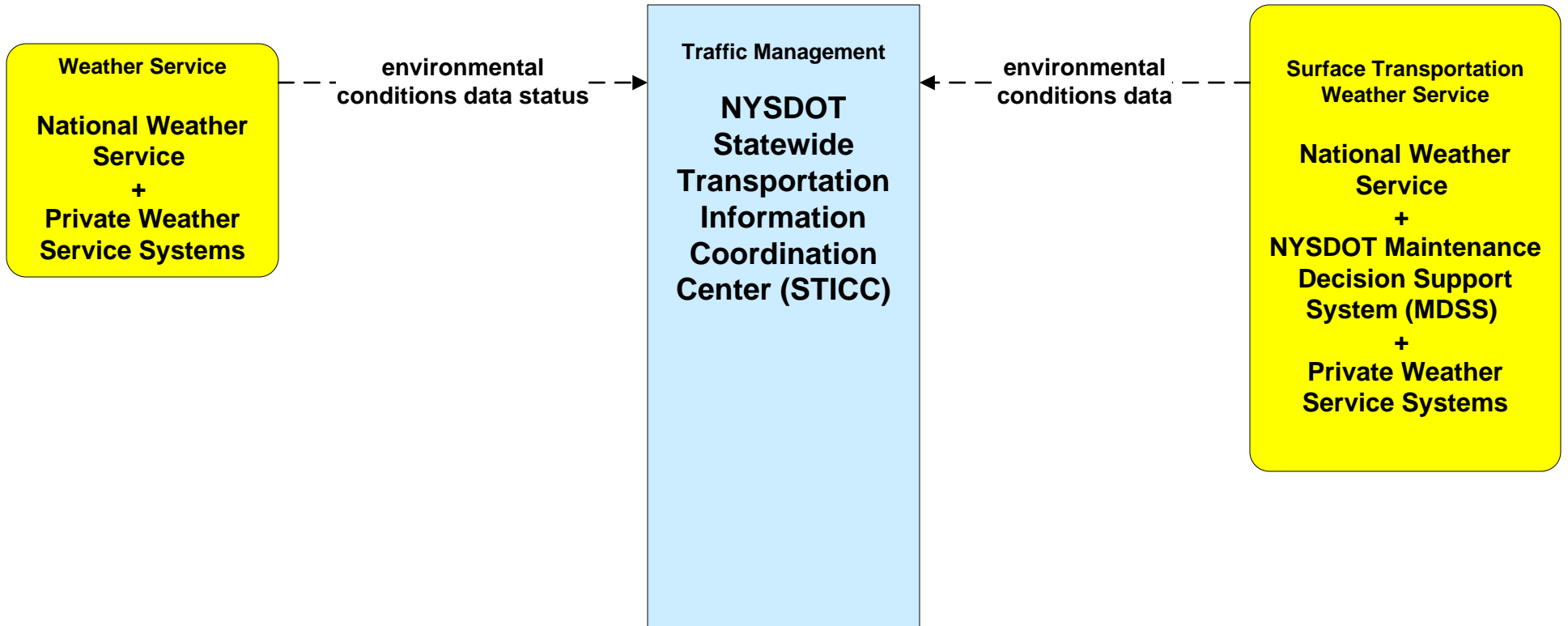
**MC03 – Road Weather Data Collection
 NYSDOT/NYSTA (1 of 2)**



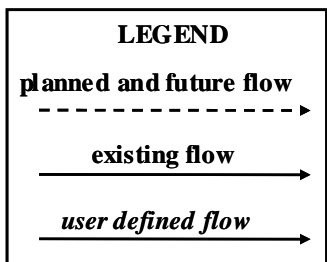
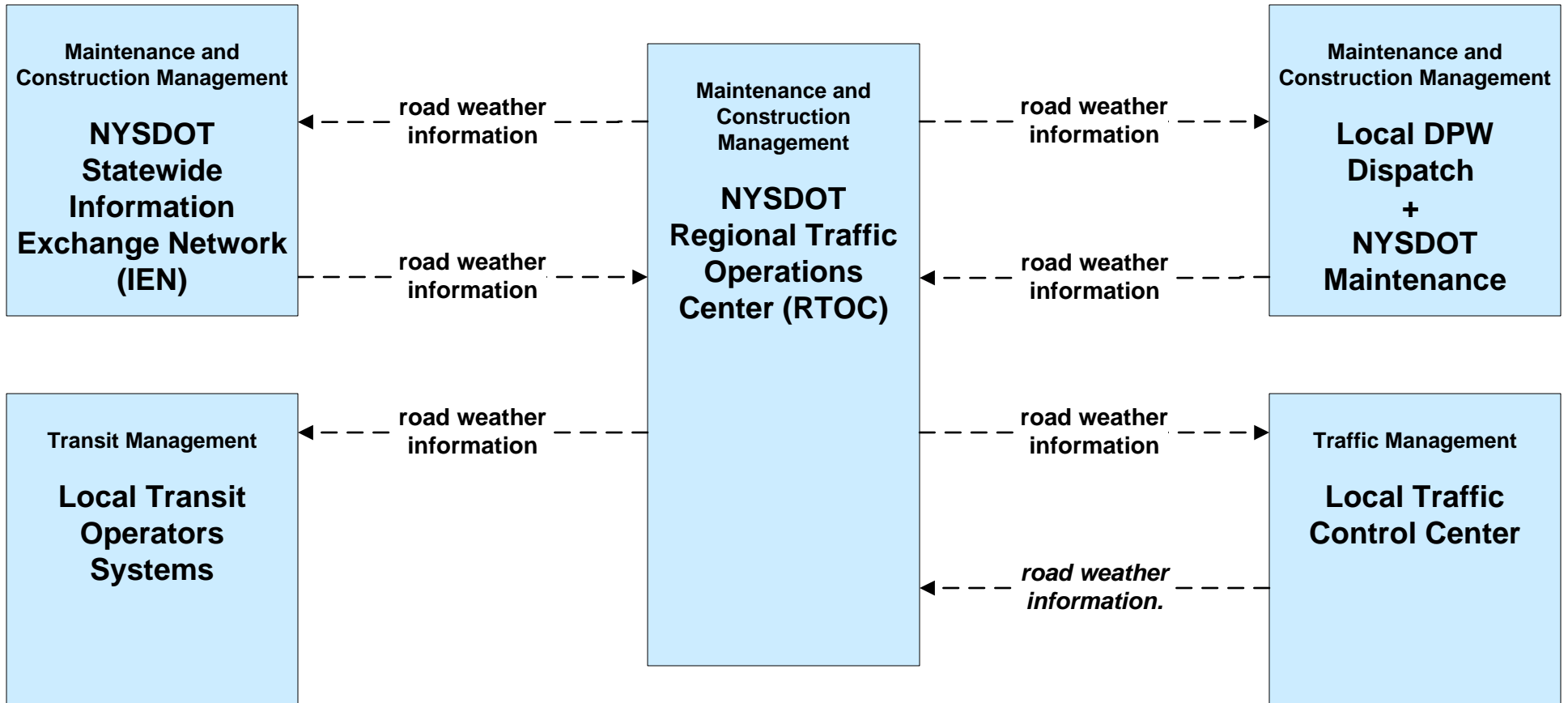
MC03 – Road Weather Data Collection
NYSDOT MDSS / Vehicles / Private AVL Vendor Servers (2 of 2)



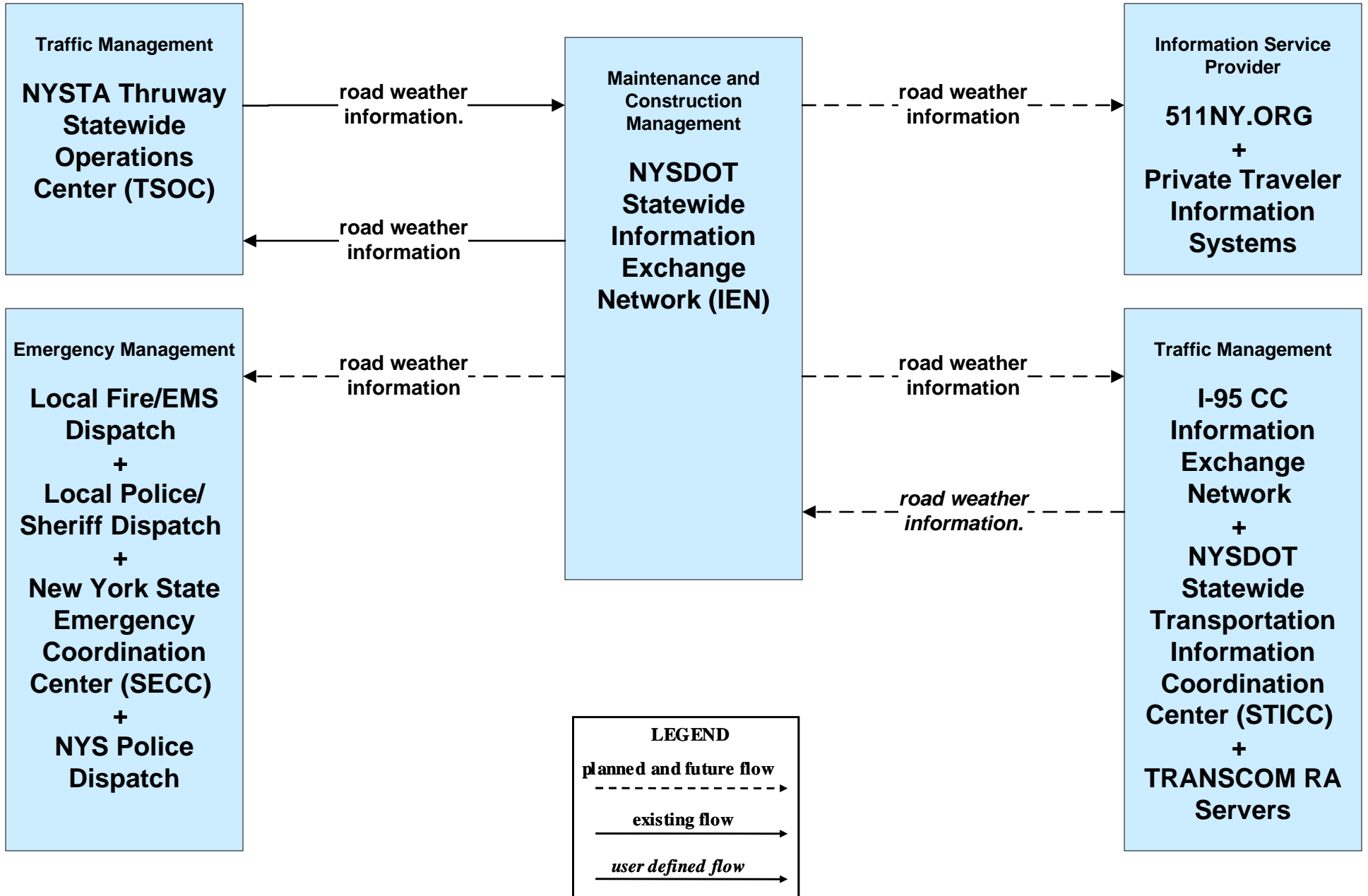
**MC03 – Road Weather Data Collection
NYSDOT STICC**



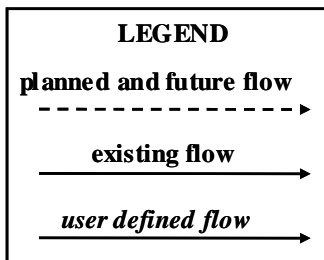
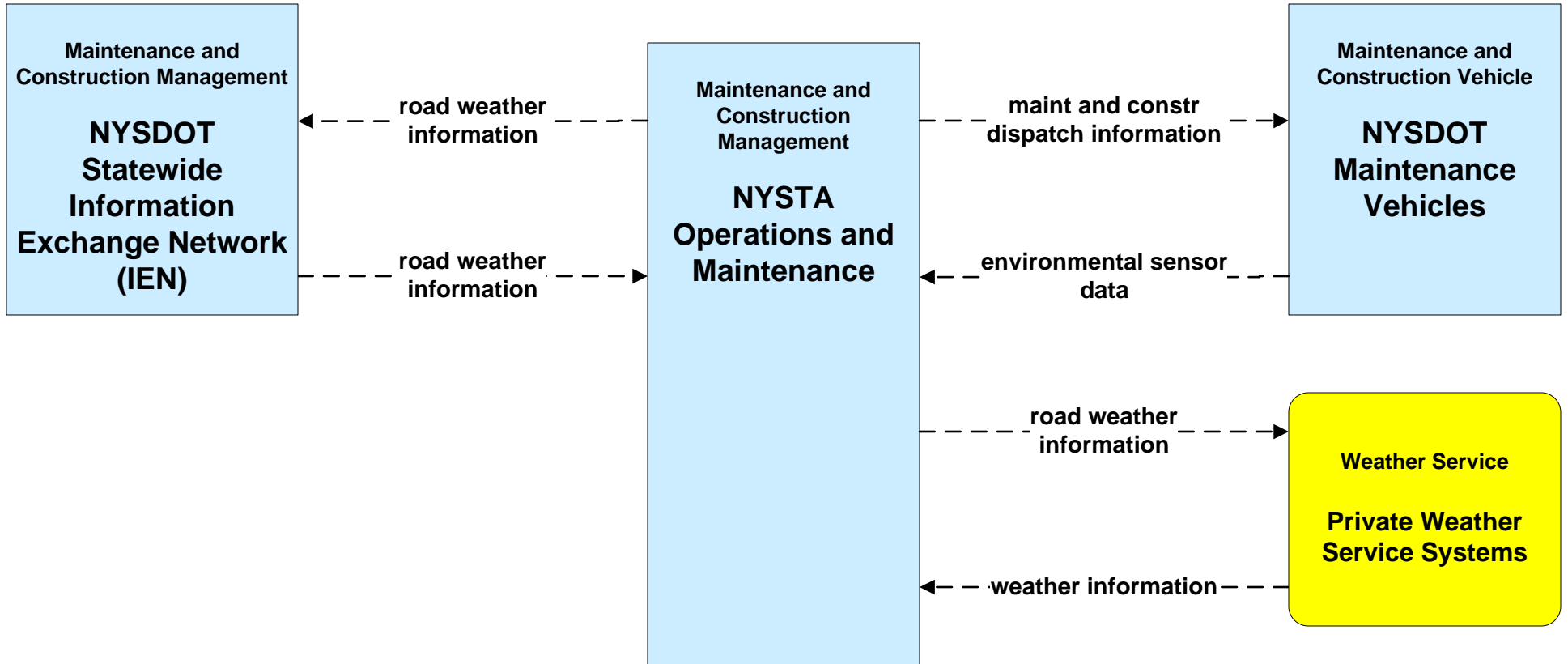
**MC04 – Weather Information Processing and Distribution
 NYSDOT (1 of 2)**



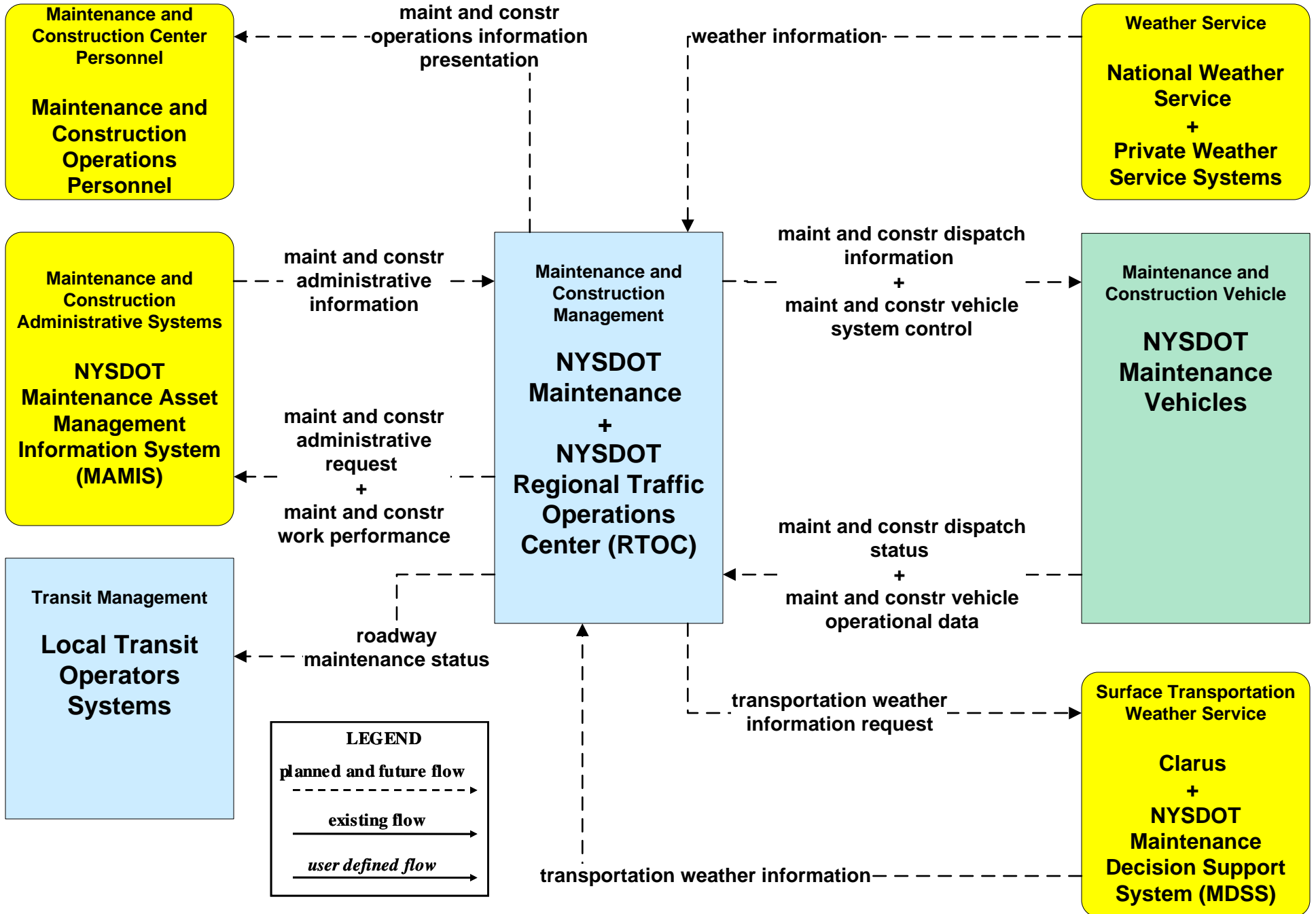
**MC04 – Weather Information Processing and Distribution
 NYSDOT (2 of 2)**



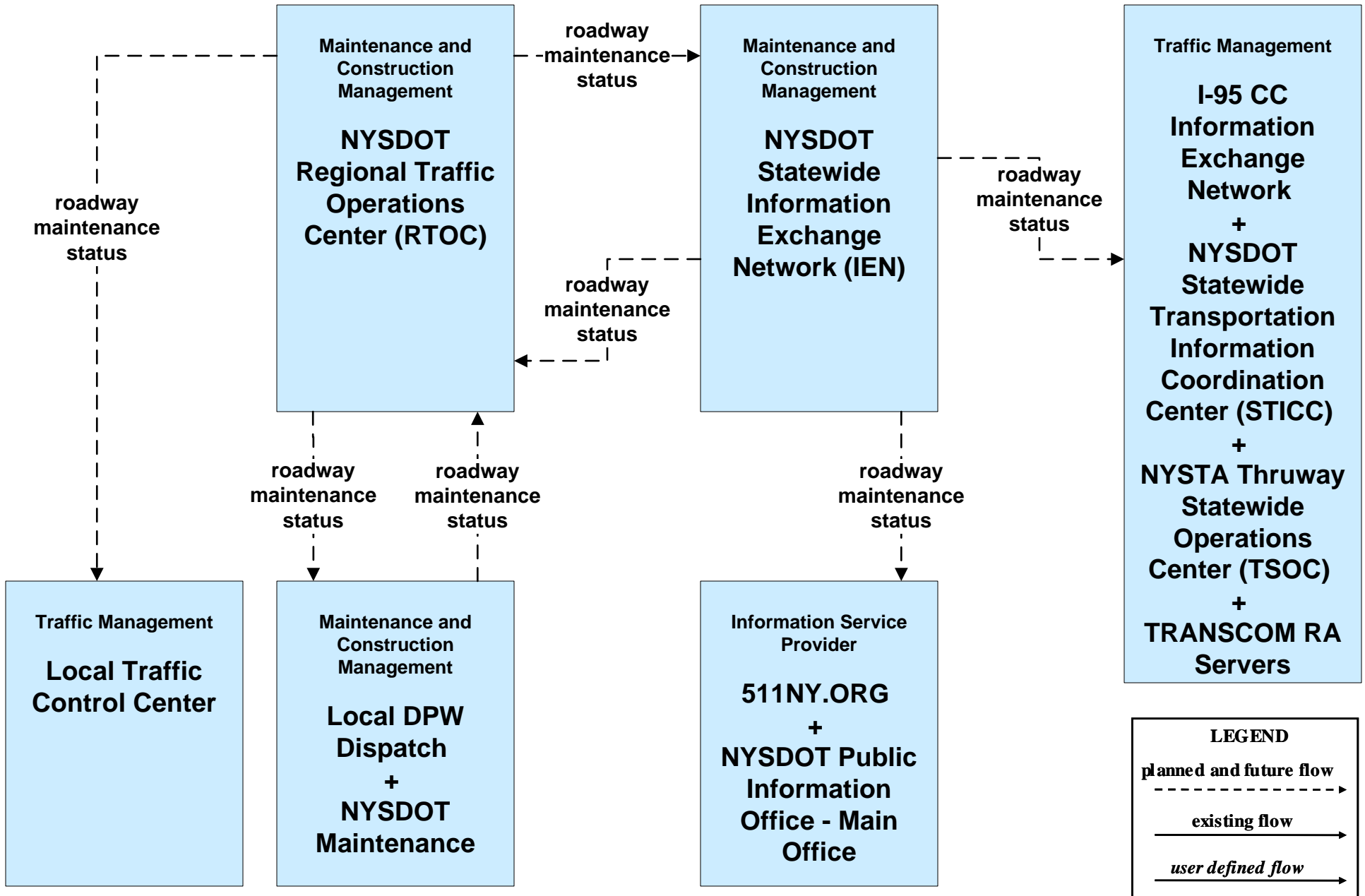
**MC04 – Weather Information Processing and Distribution
NYSTA**



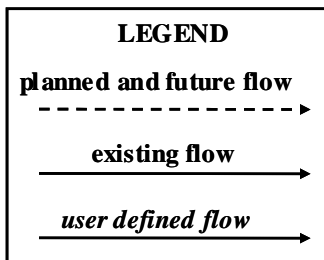
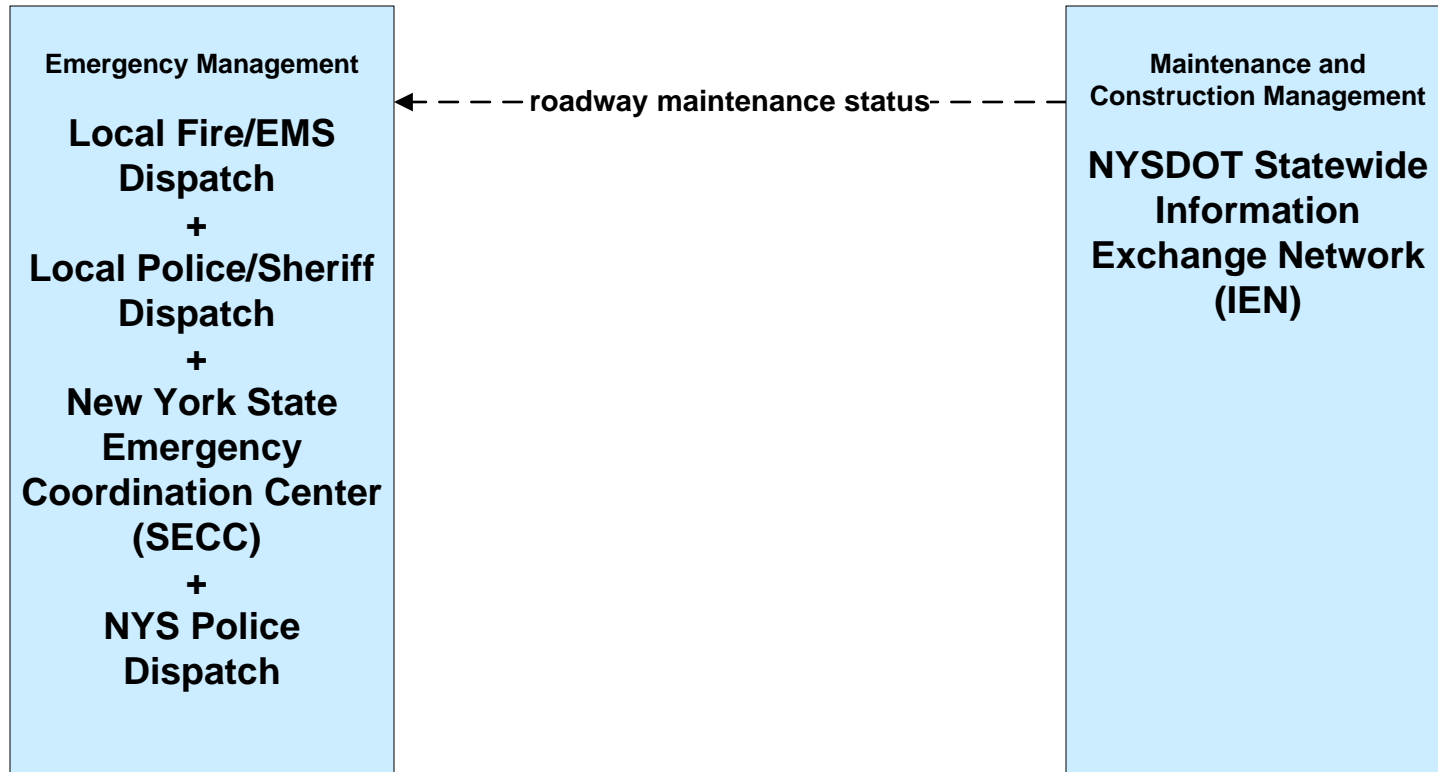
MC06 – Winter Maintenance NYSDOT (1 of 3)



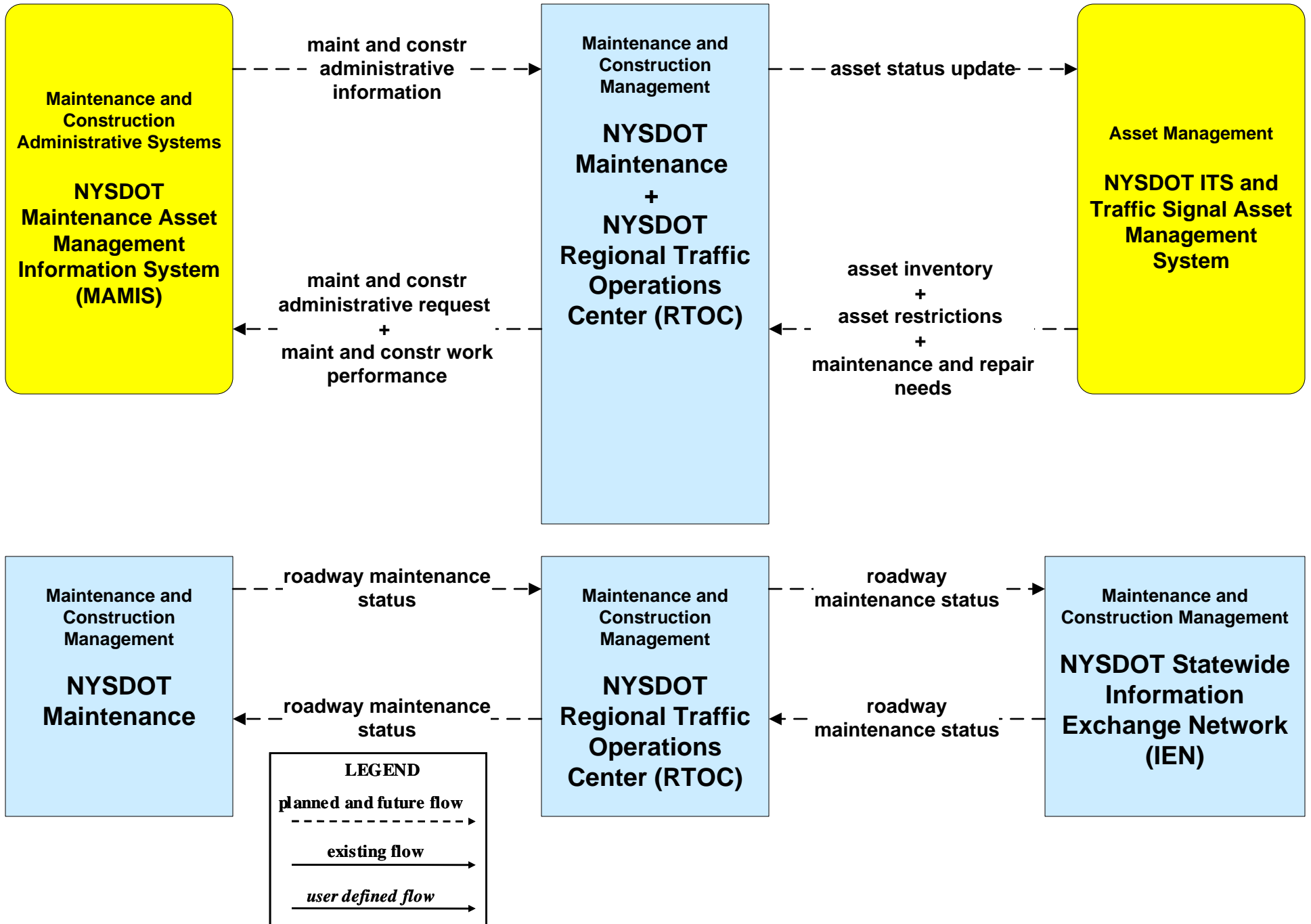
**MC06 – Winter Maintenance
 NYSDOT (2 of 3)**



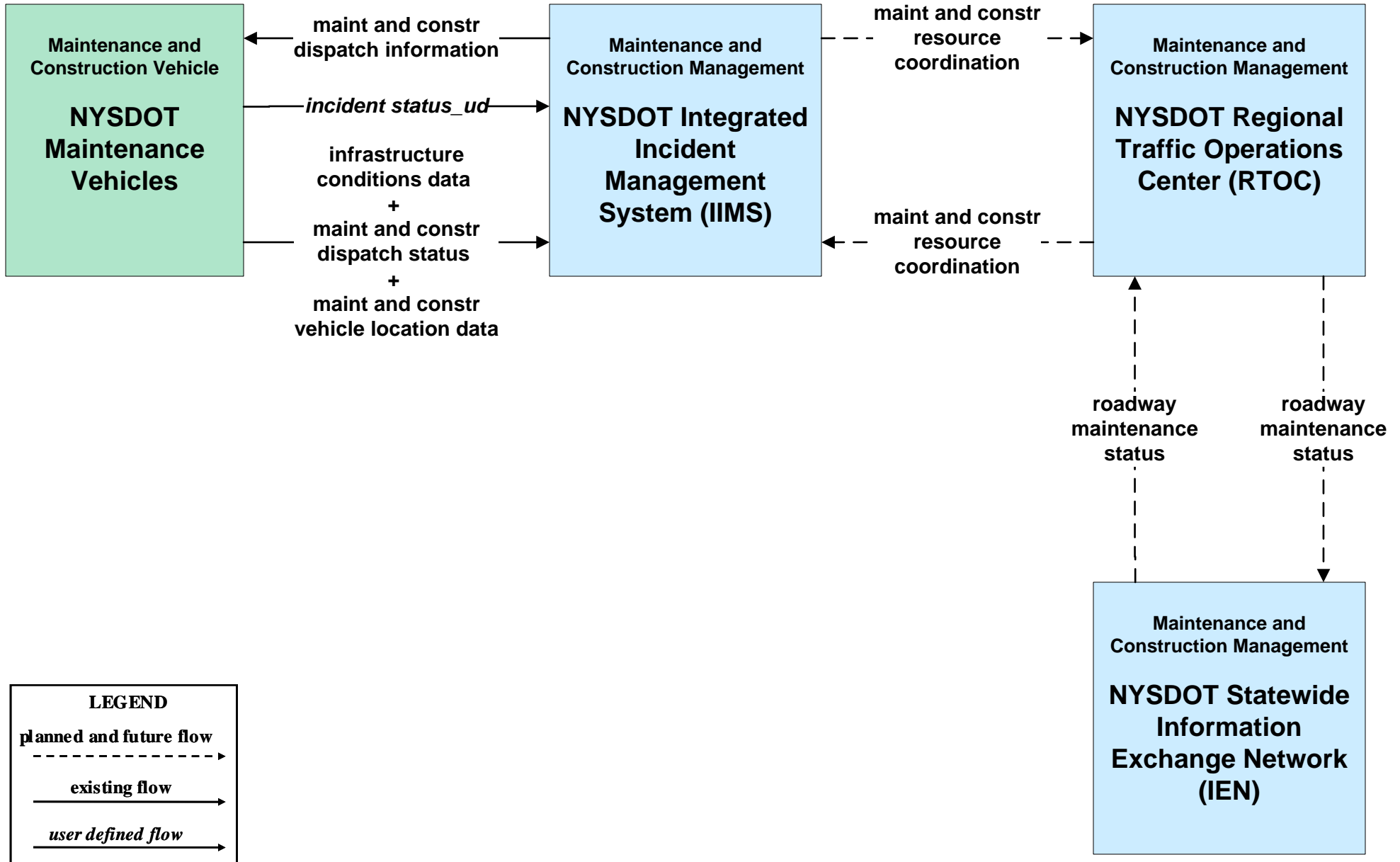
**MC06 – Winter Maintenance
NYSDOT (3 of 3)**



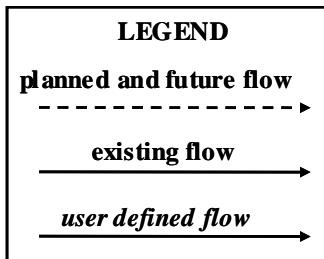
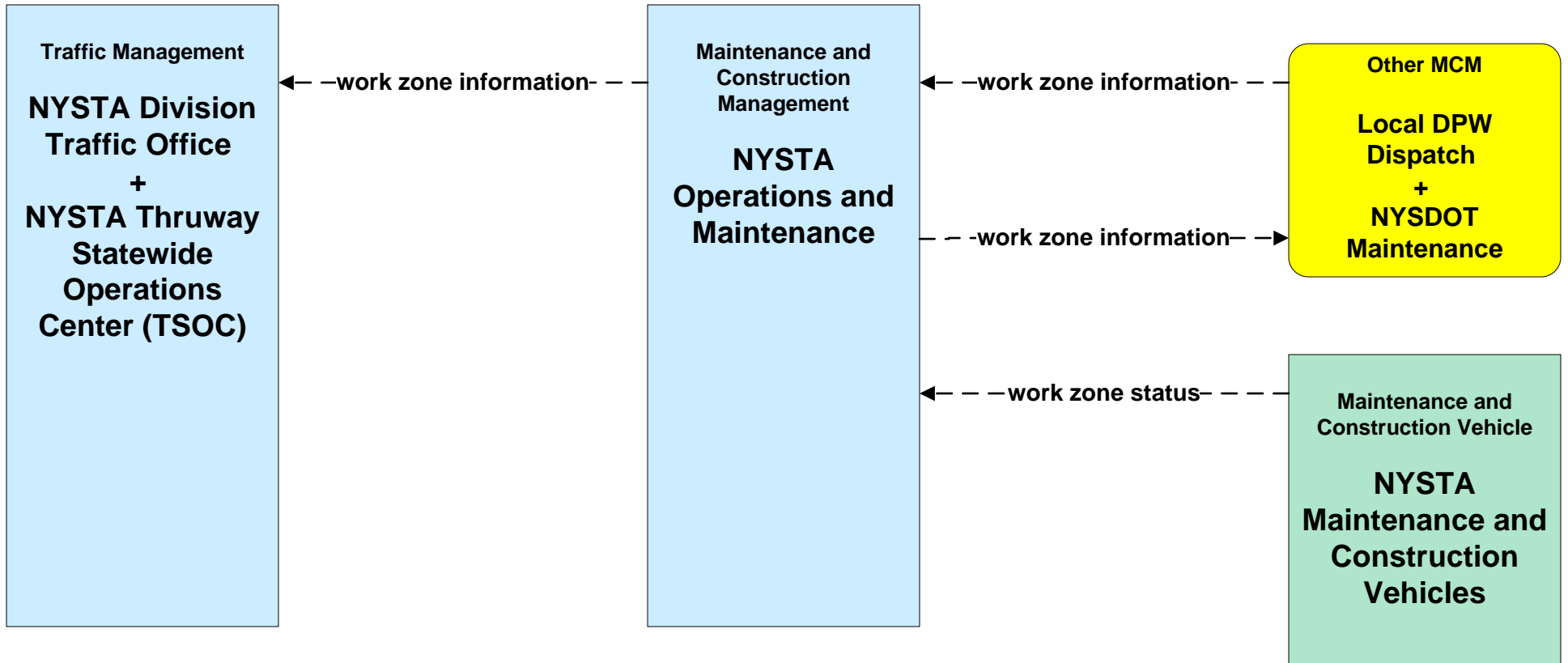
**MC07 – Roadway Maintenance and Construction
NYSDOT (1 of 2)**



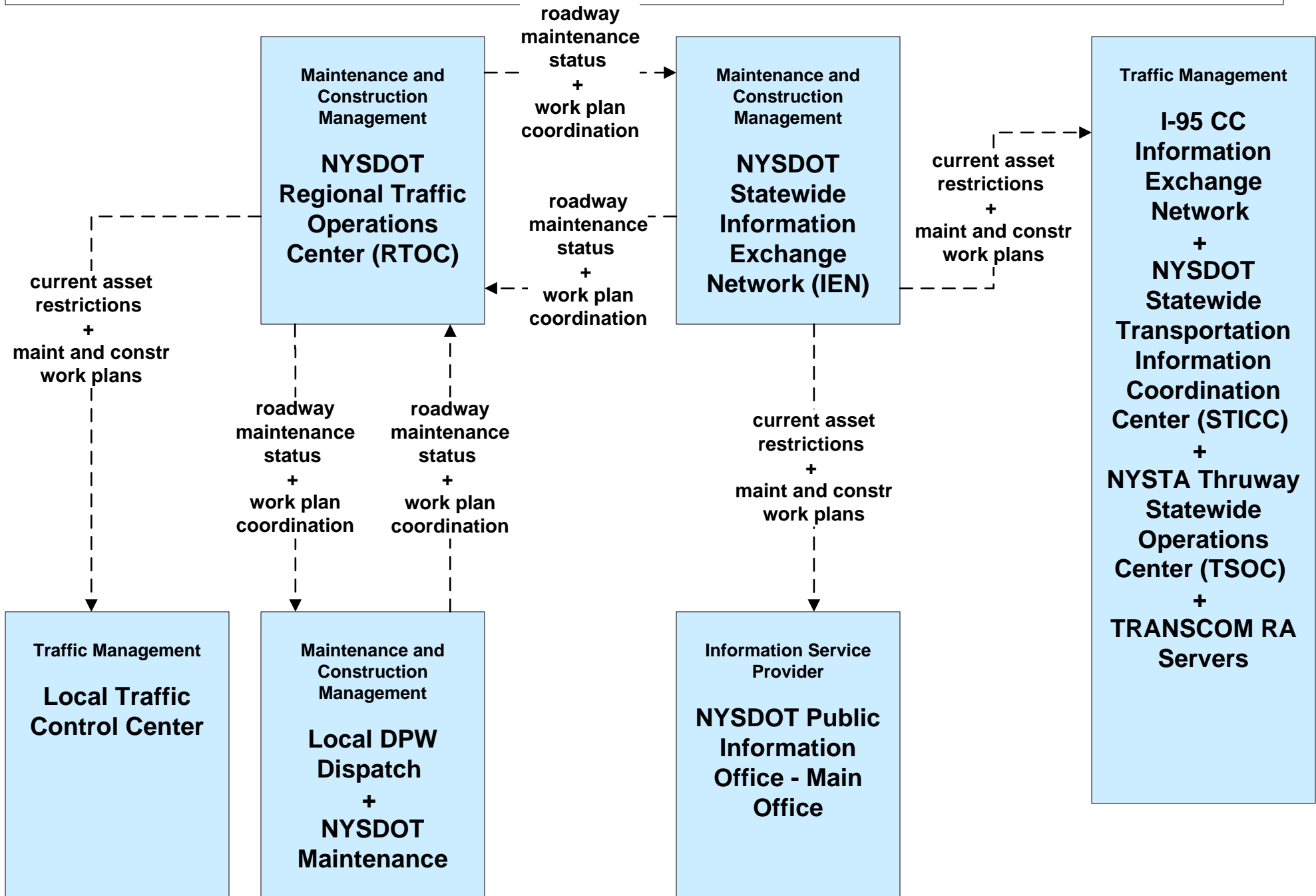
**MC07 – Roadway Maintenance and Construction
NYSDOT IIMS (2 of 2)**



**MC08 - Workzone Management
NYSTA**



**MC10 – Maintenance and Construction Activity Coordination
NYSDOT**



**MC10 – Maintenance and Construction Activity Coordination
NYSDOT**

