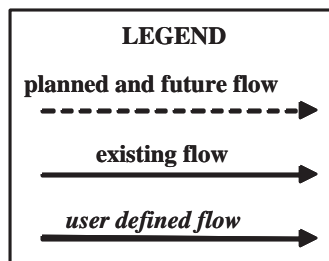
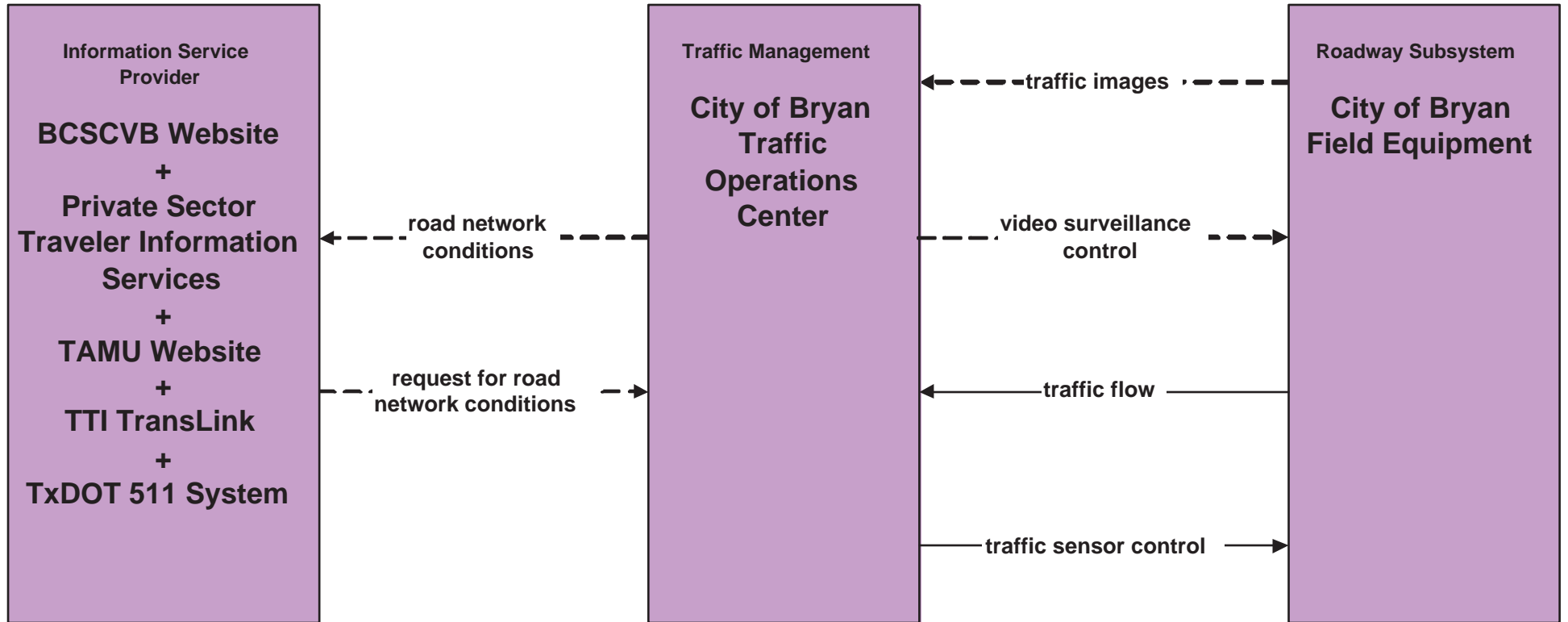


Brazos Valley Regional ITS Architecture

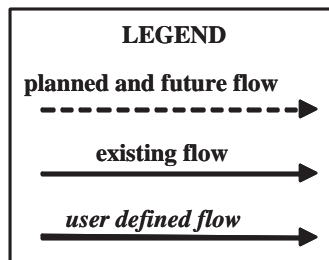
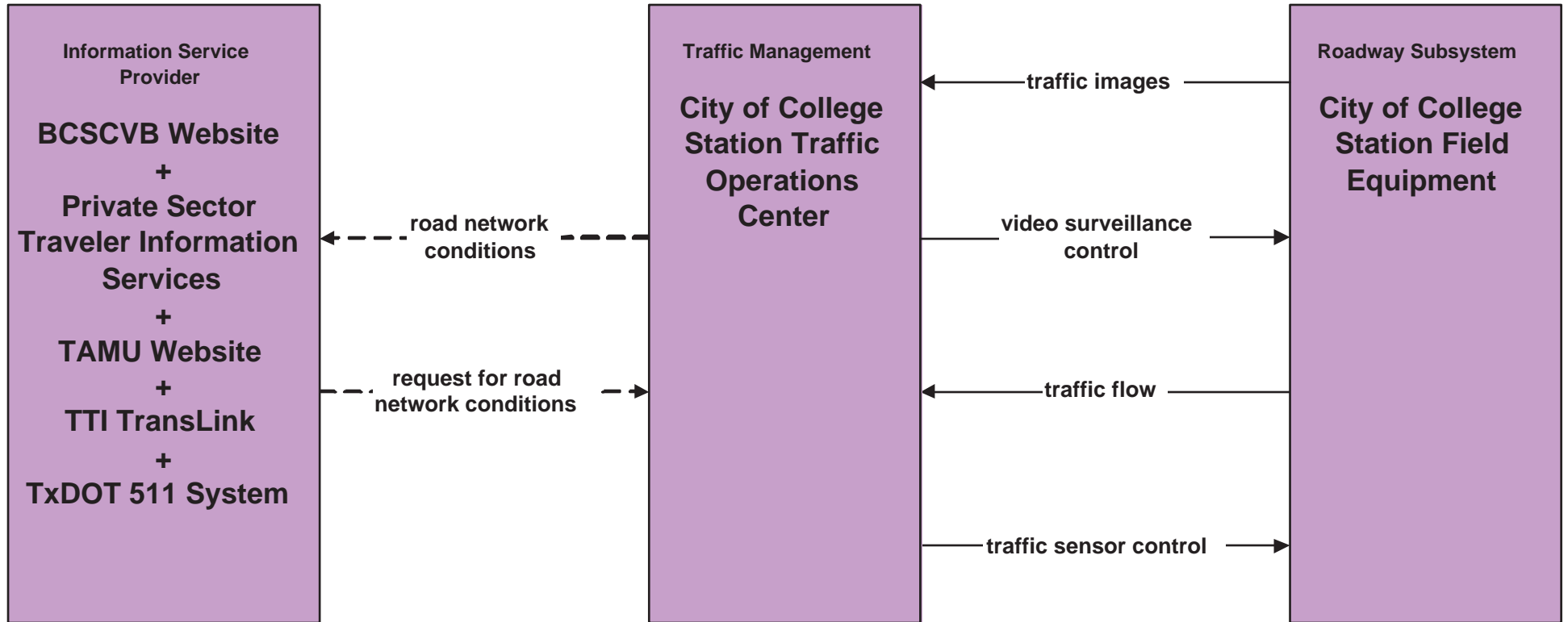
Customized Market Package Diagrams

**Advanced Traffic Management Systems
(ATMS)**

ATMS01 - Network Surveillance
City of Bryan Traffic Operations Center

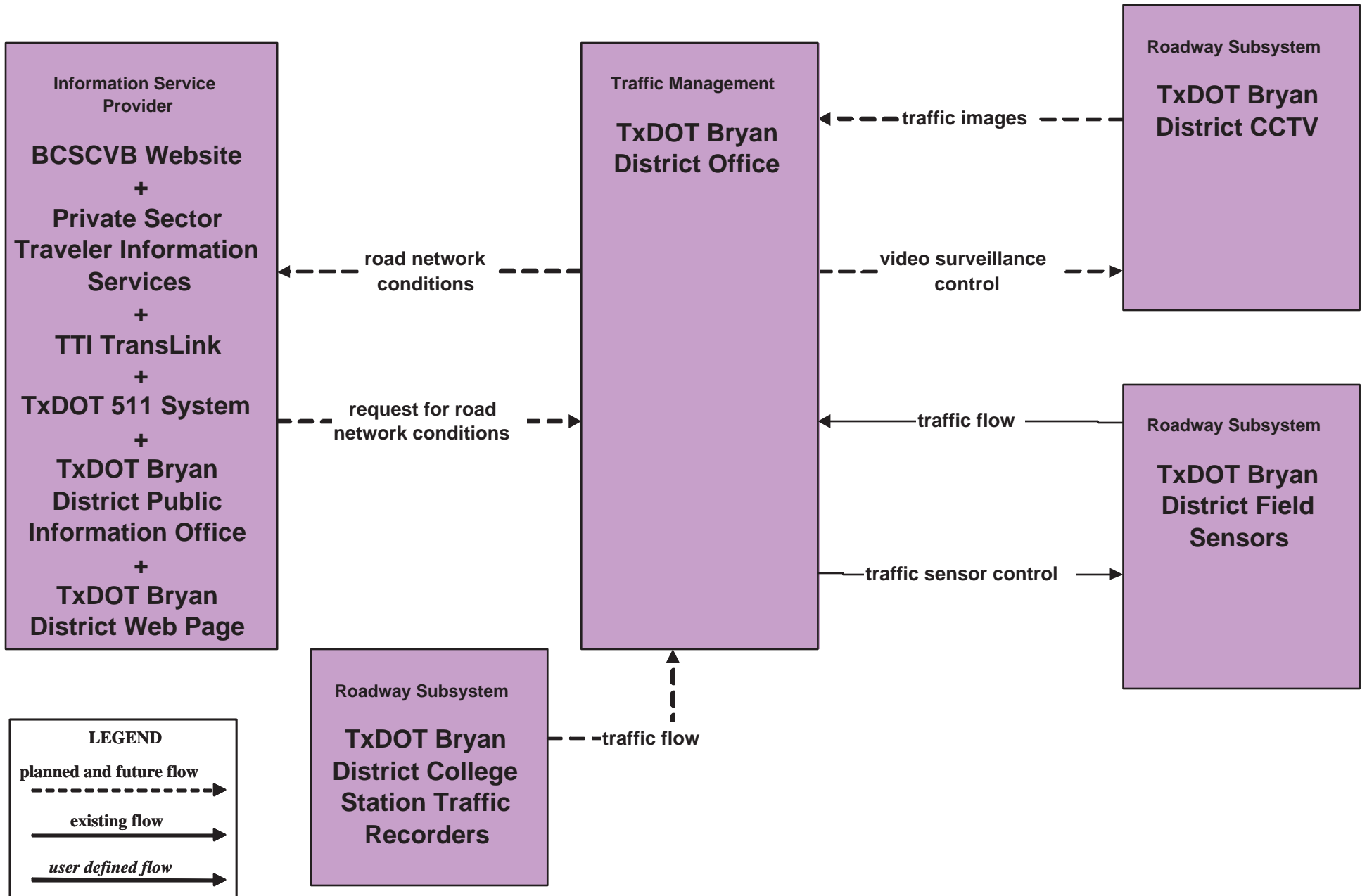


ATMS01 - Network Surveillance
City of College Station Traffic Operations Center

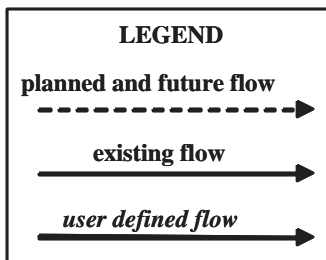
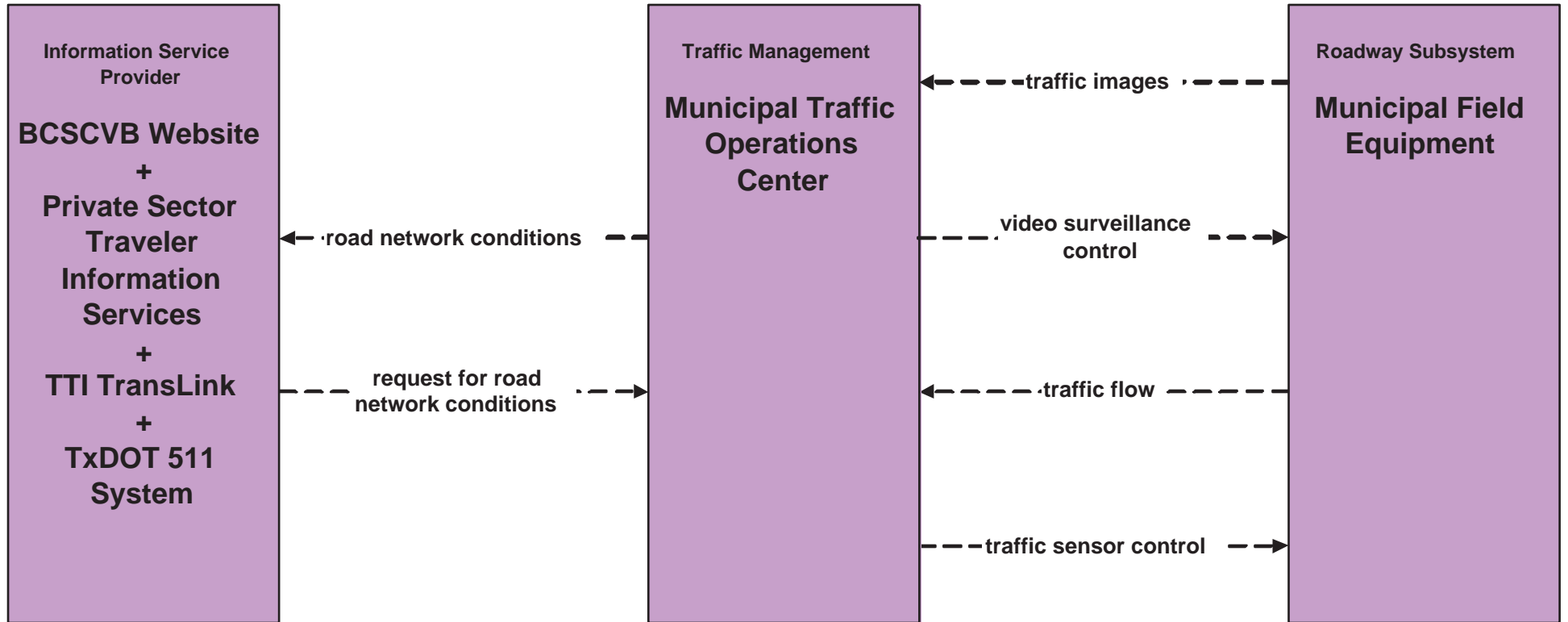


ATMS01 - Network Surveillance

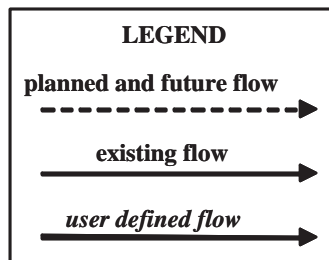
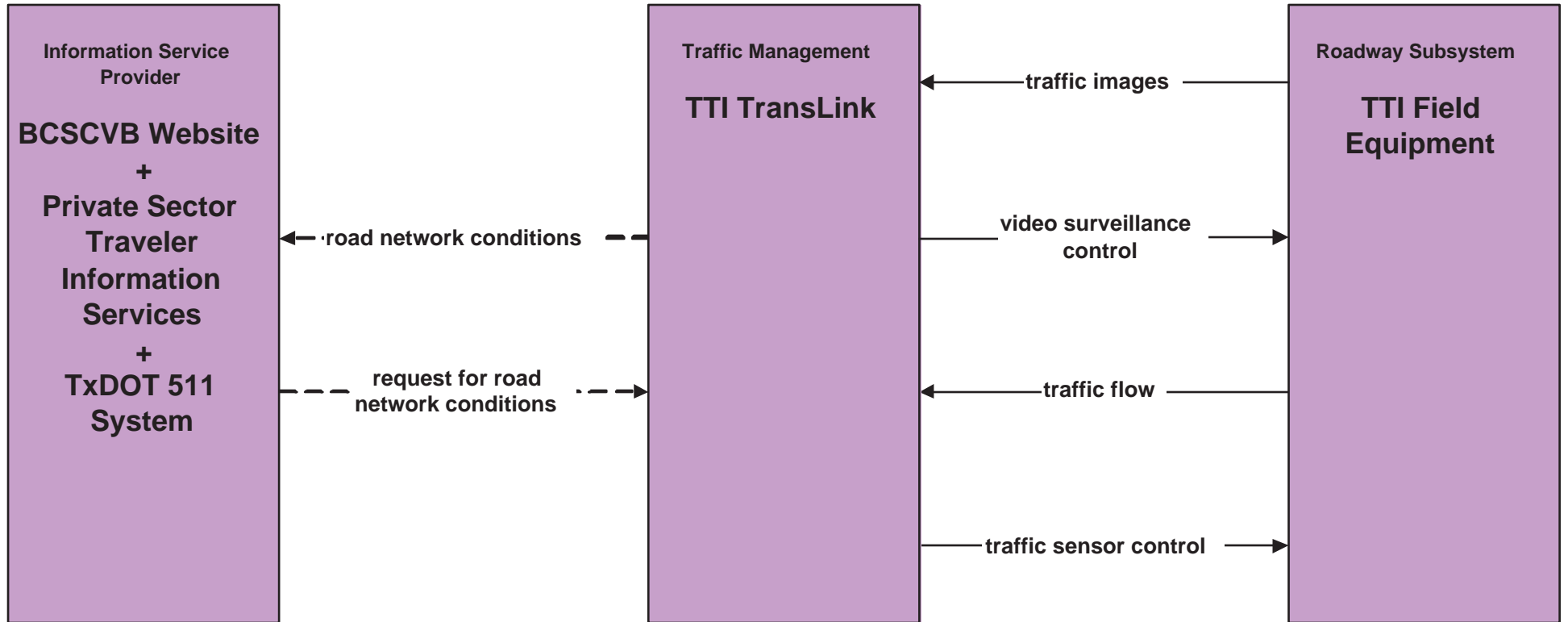
TxDOT Bryan District Office



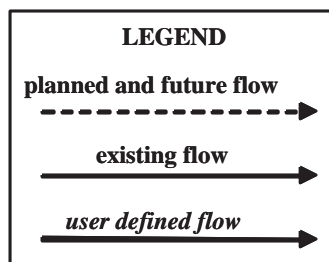
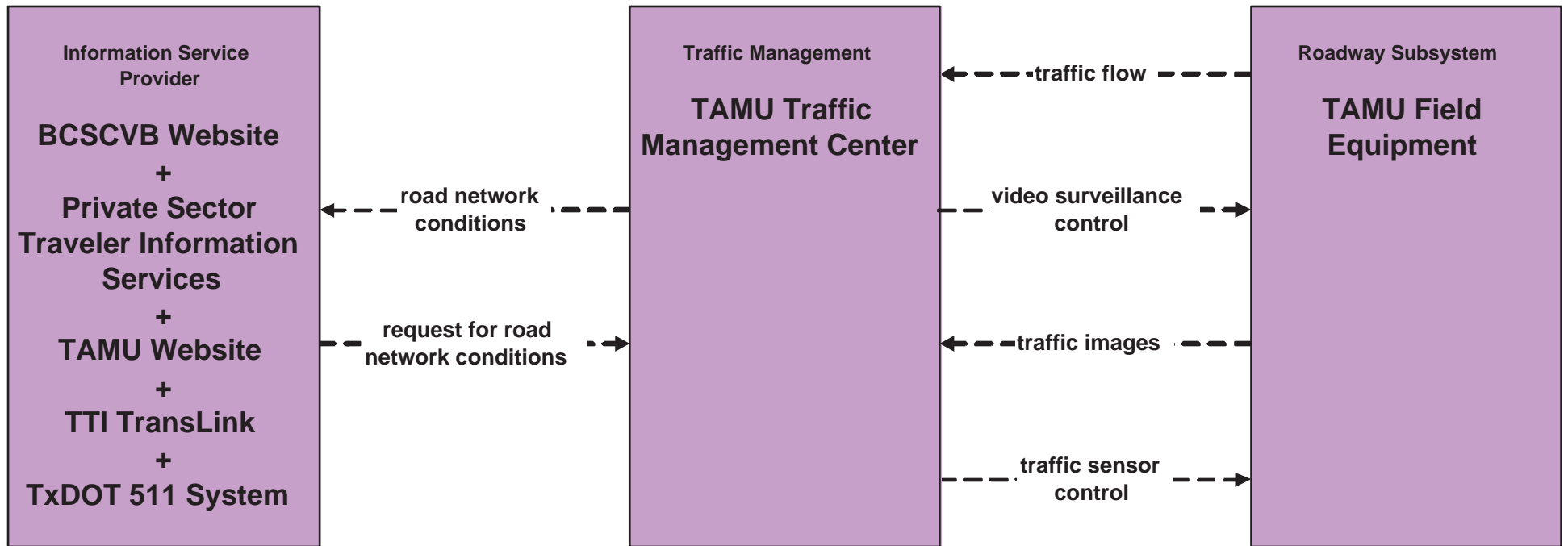
ATMS01 - Network Surveillance
Municipal Traffic Operations Center



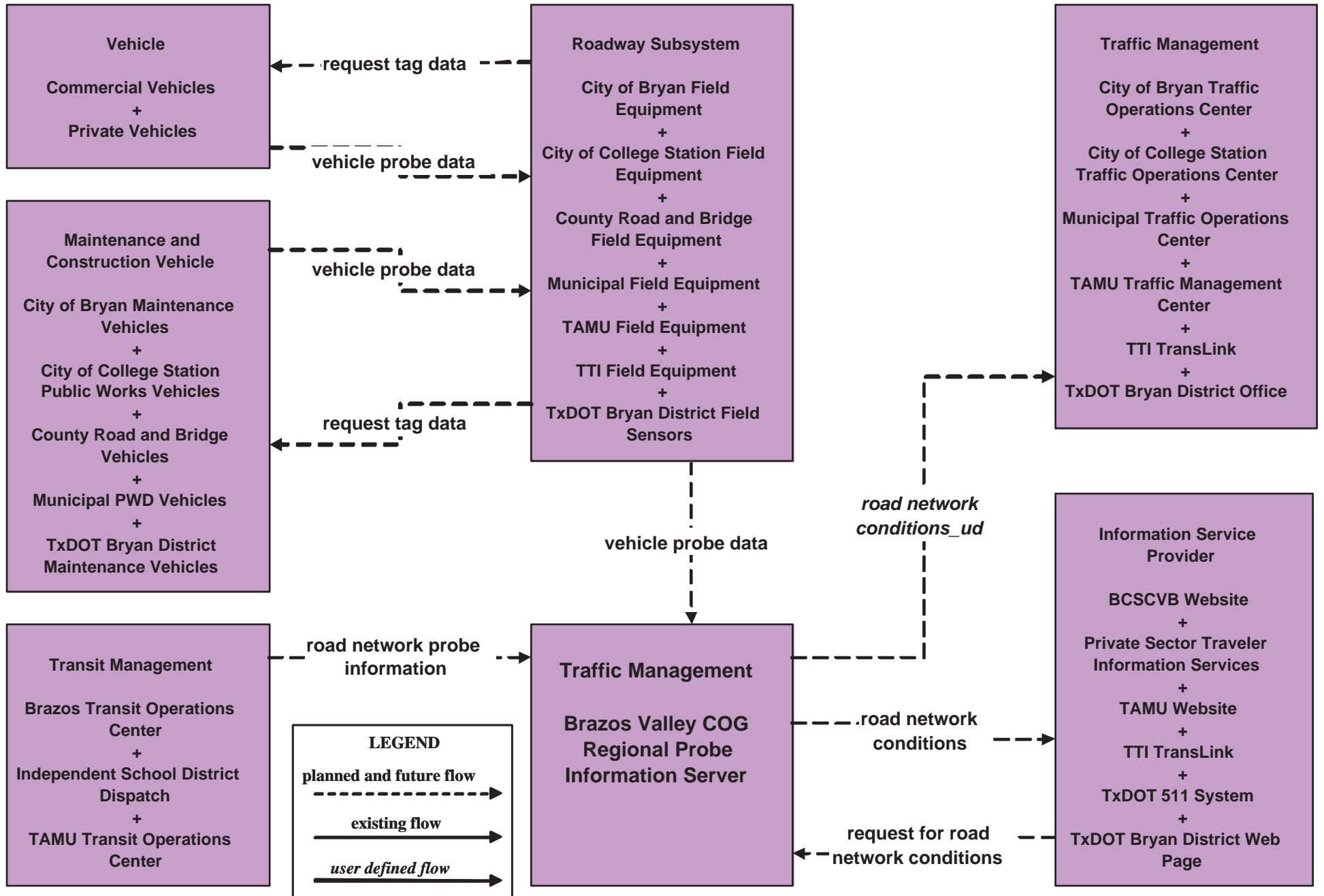
ATMS01 - Network Surveillance TTI TransLink



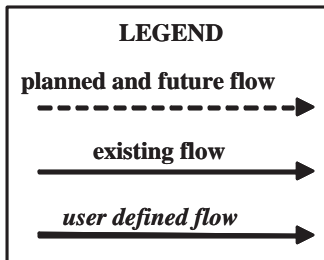
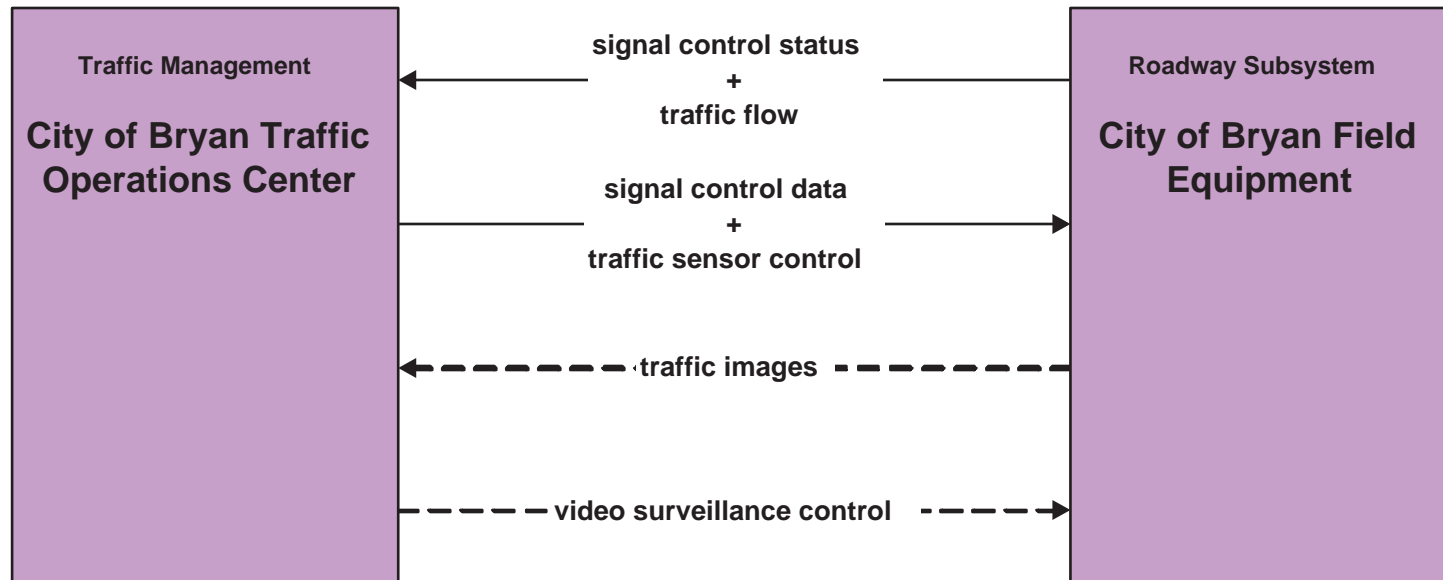
**ATMS01 - Network Surveillance
TAMU Traffic Management Center**



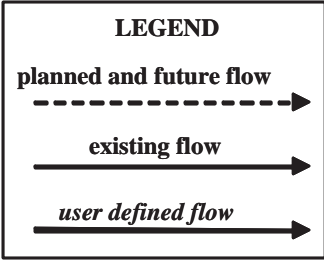
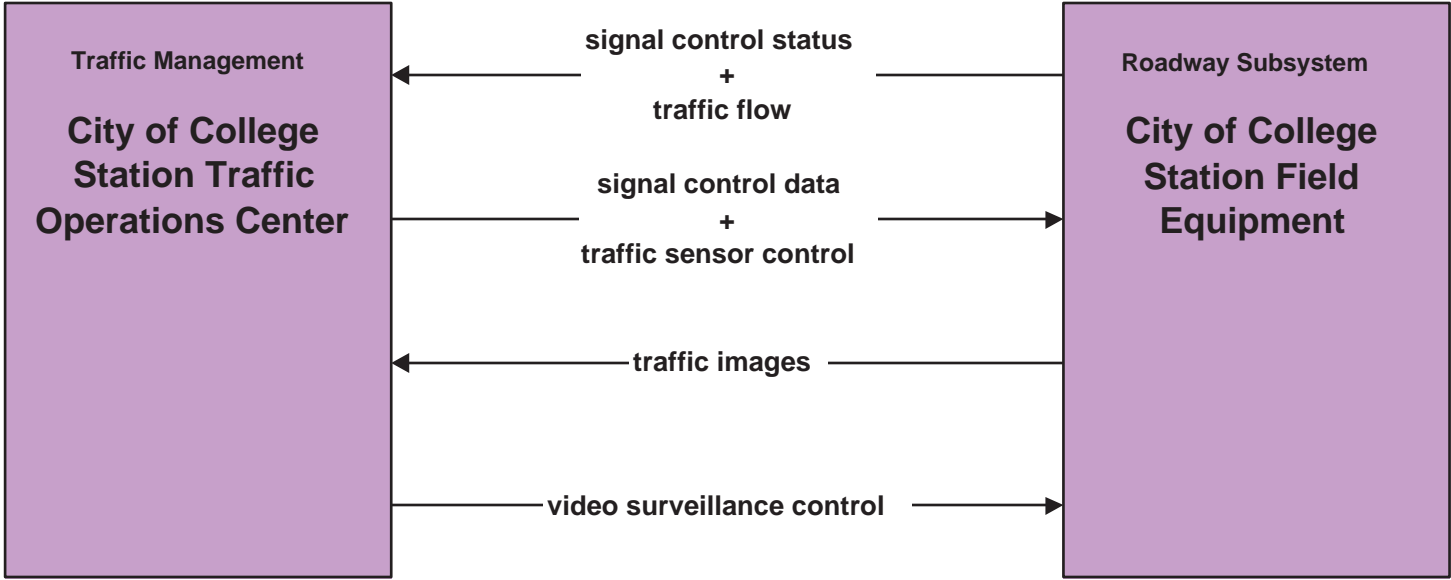
ATMS02 - Probe Surveillance Regional Probe Monitoring



**ATMS03 - Surface Street Control
City of Bryan Traffic Signal System**

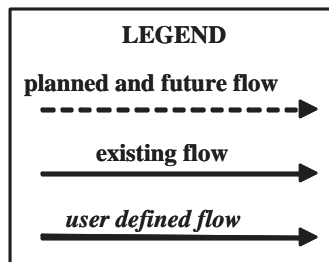
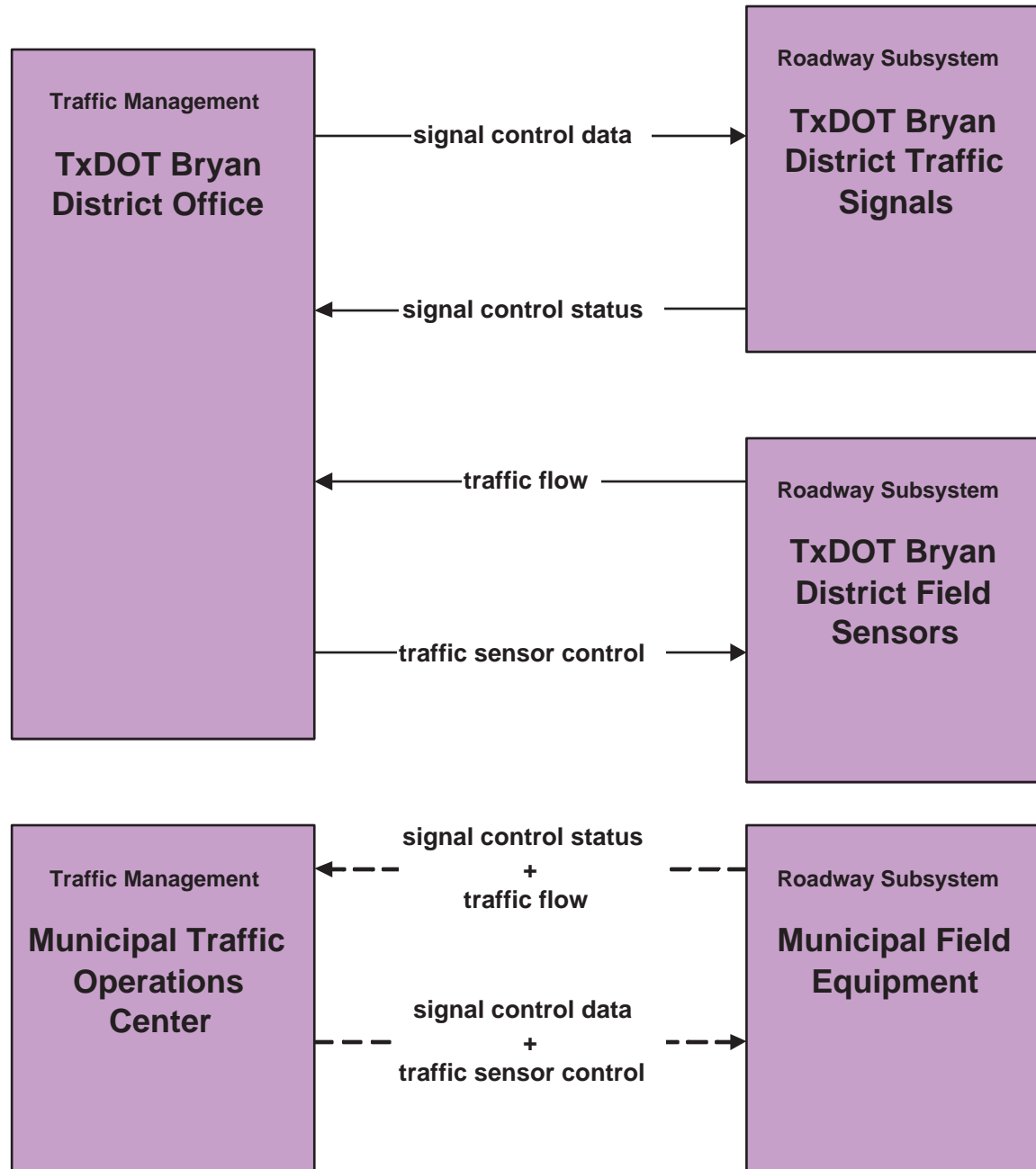


ATMS03 - Surface Street Control
City of College Station Traffic Signal System

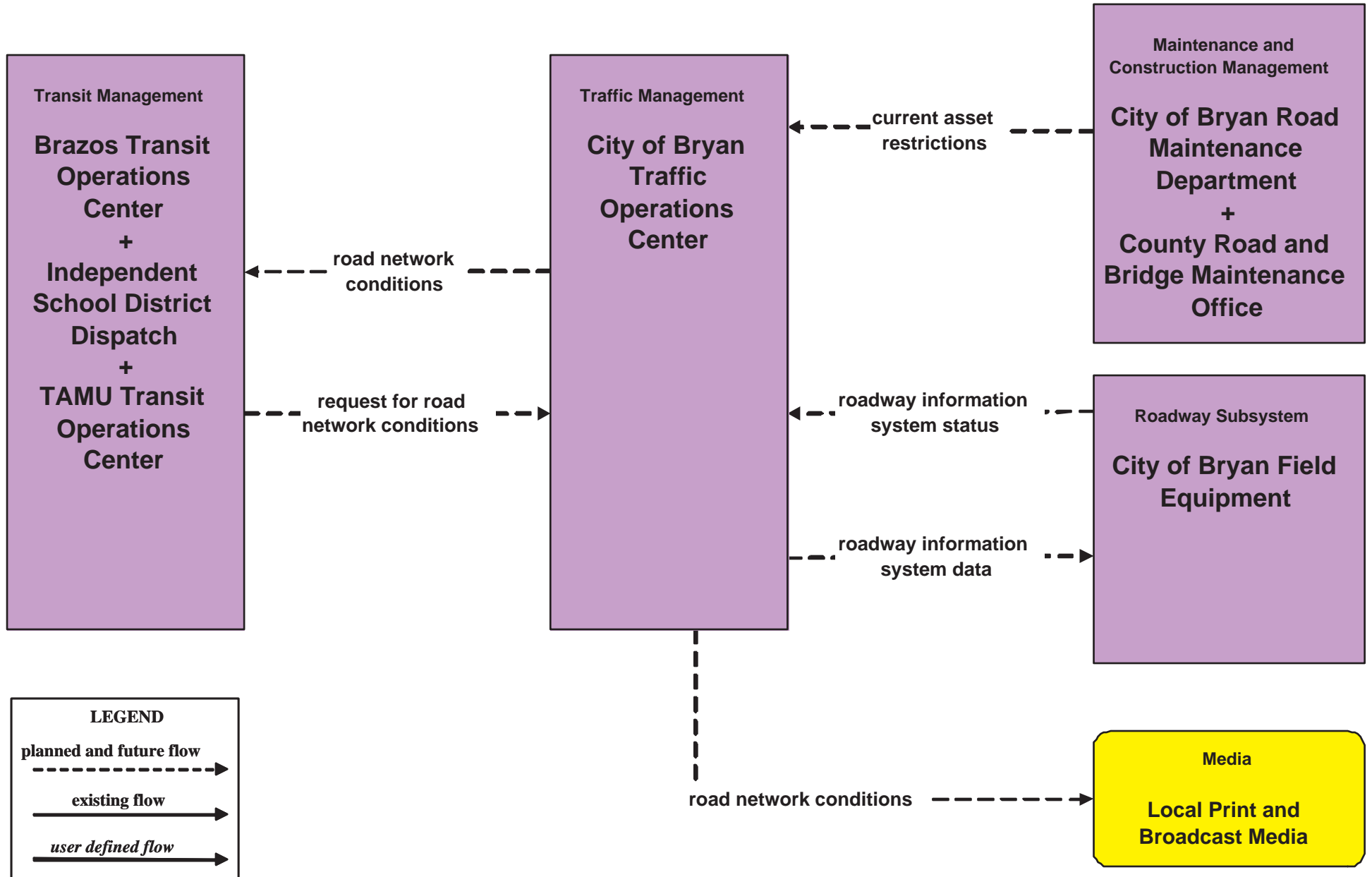


ATMS03 - Surface Street Control

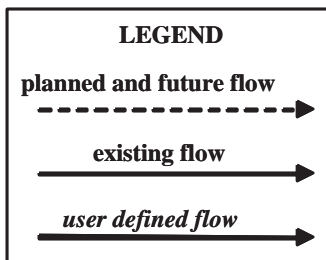
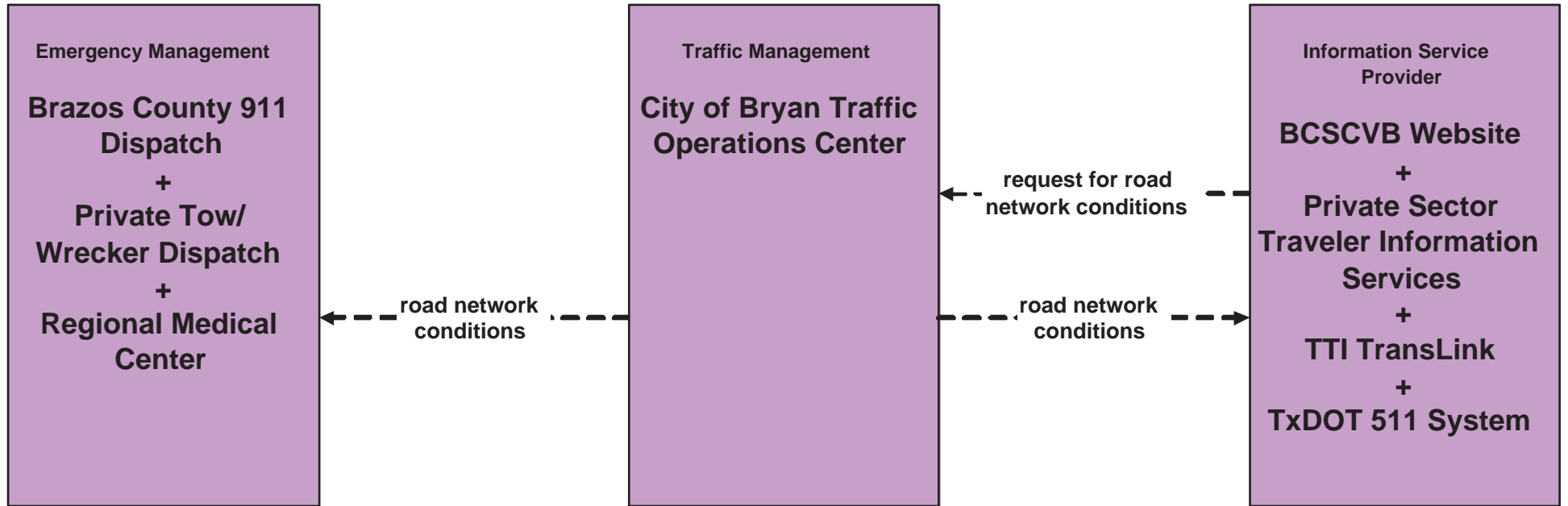
TxDOT Bryan District and Municipal Signal Systems



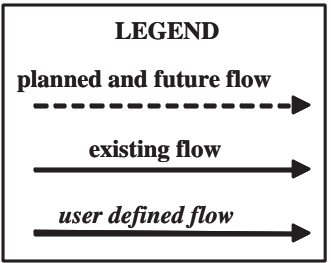
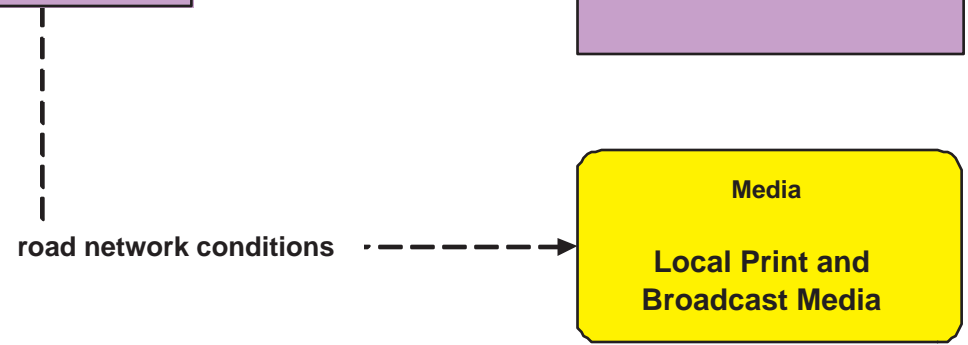
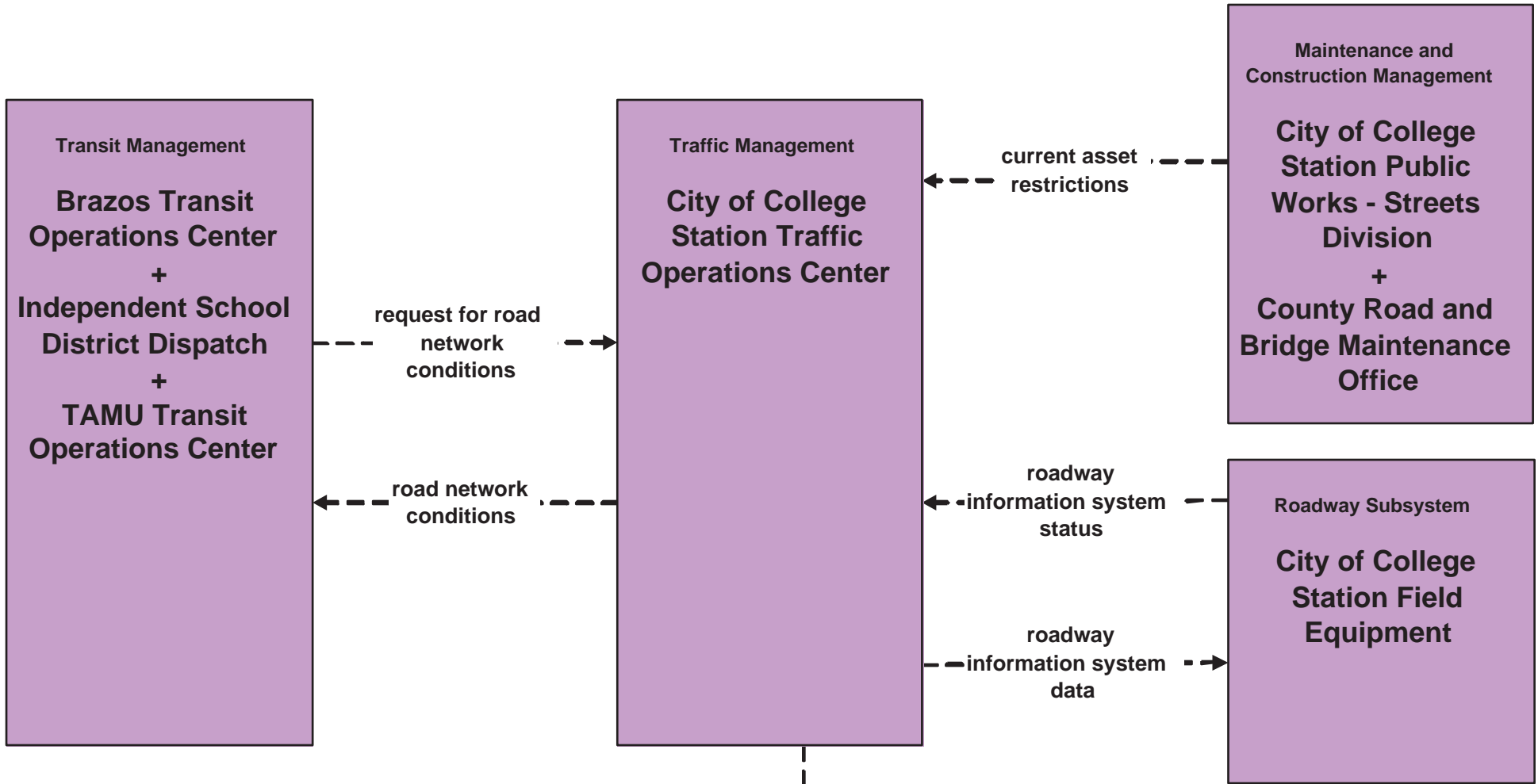
**ATMS06 - Traffic Information Dissemination
City of Bryan Traffic Operations Center**



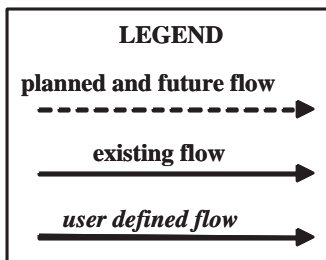
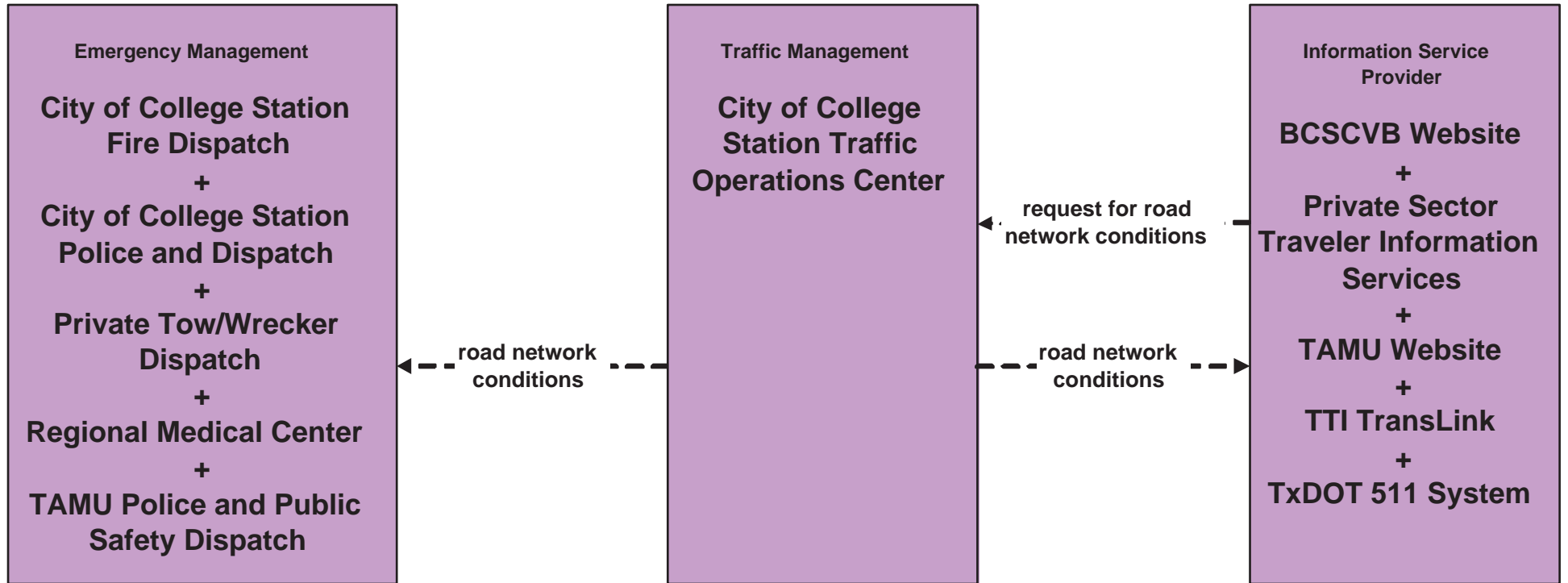
ATMS06 - Traffic Information Dissemination
City of Bryan Traffic Operations Center (TM to EM / ISP)



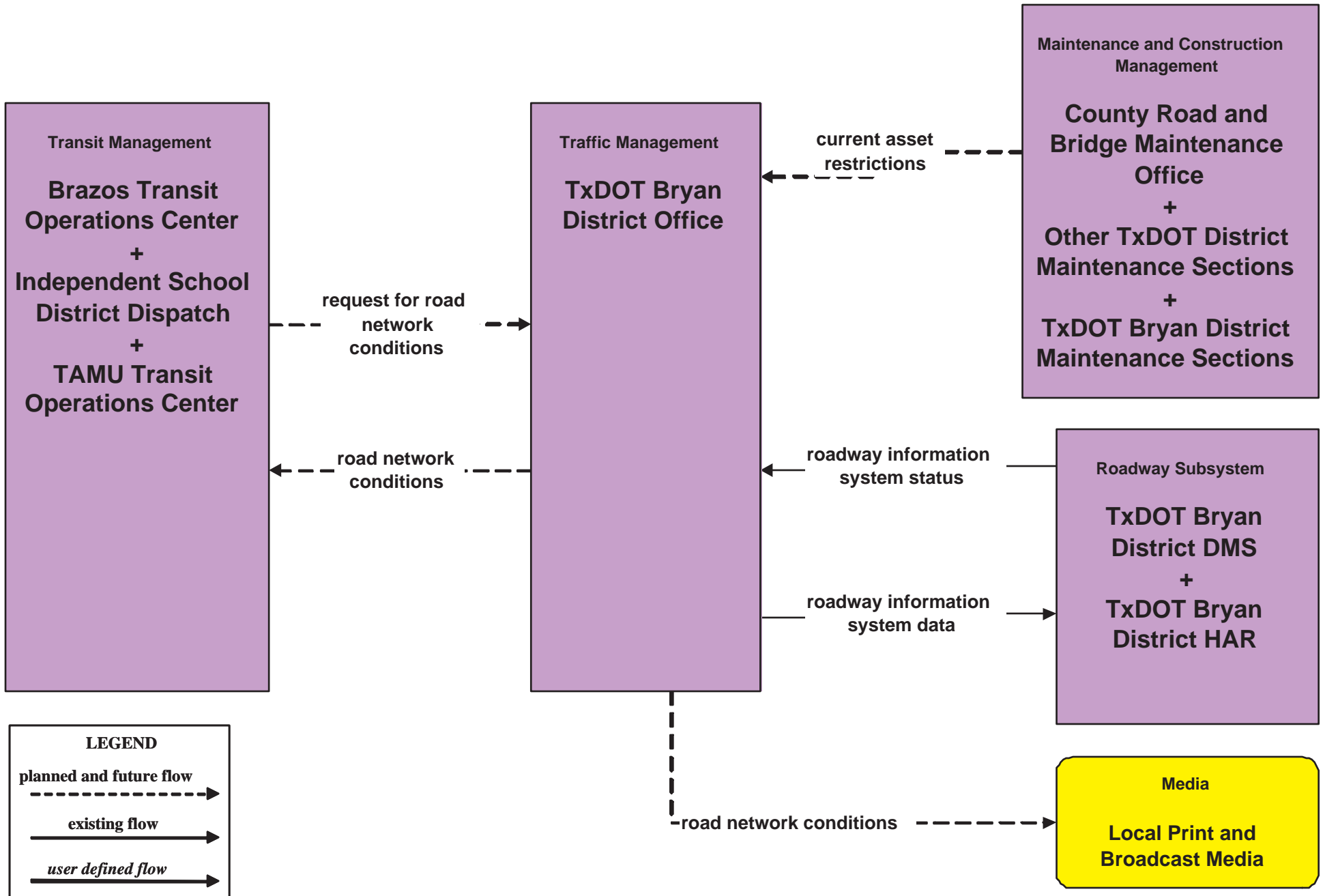
**ATMS06 - Traffic Information Dissemination
City of College Station Traffic Operations Center**



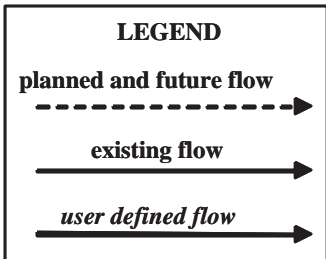
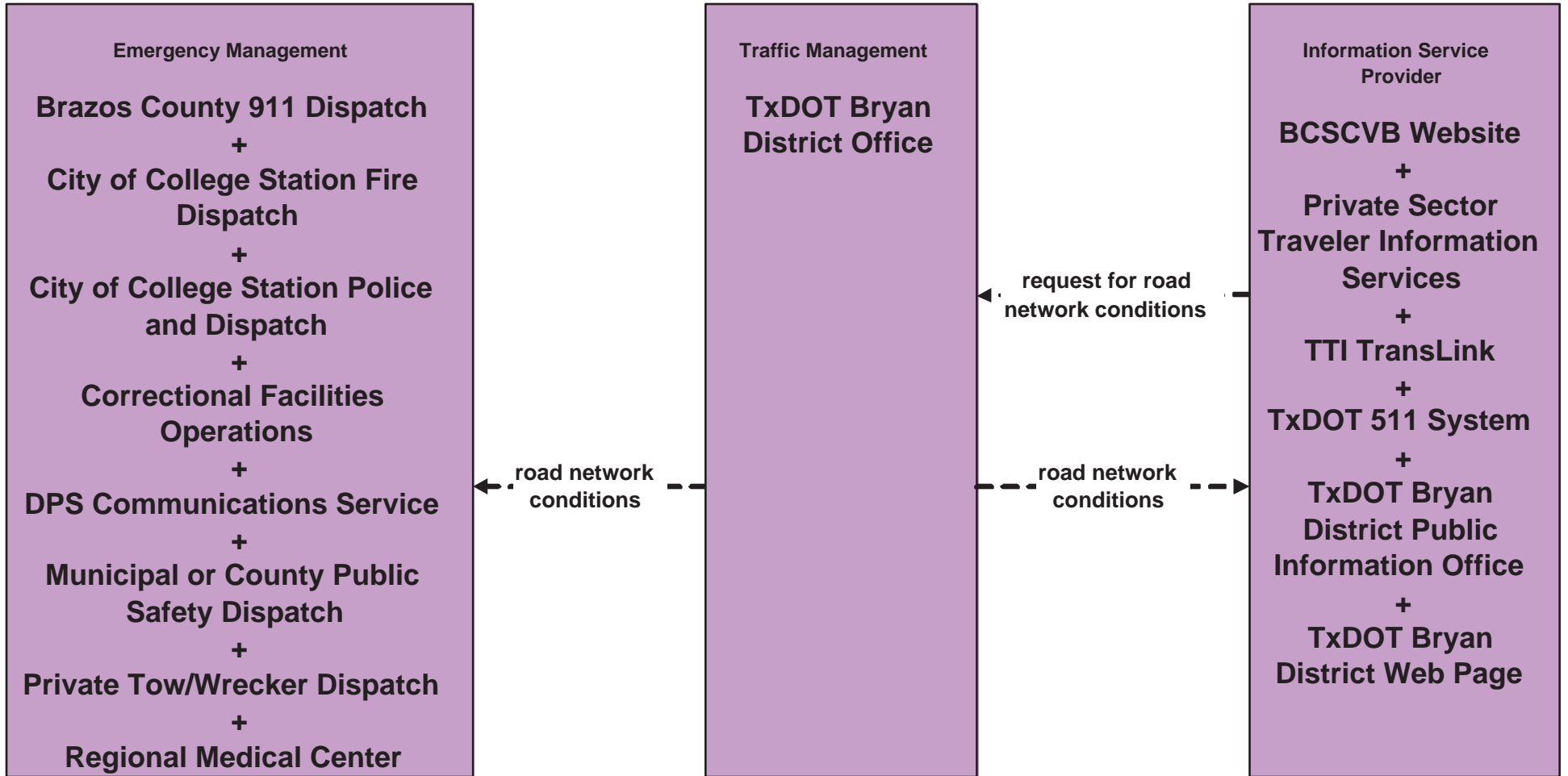
ATMS06 - Traffic Information Dissemination
City of College Station Traffic Operations Center (TM to EM / ISP)



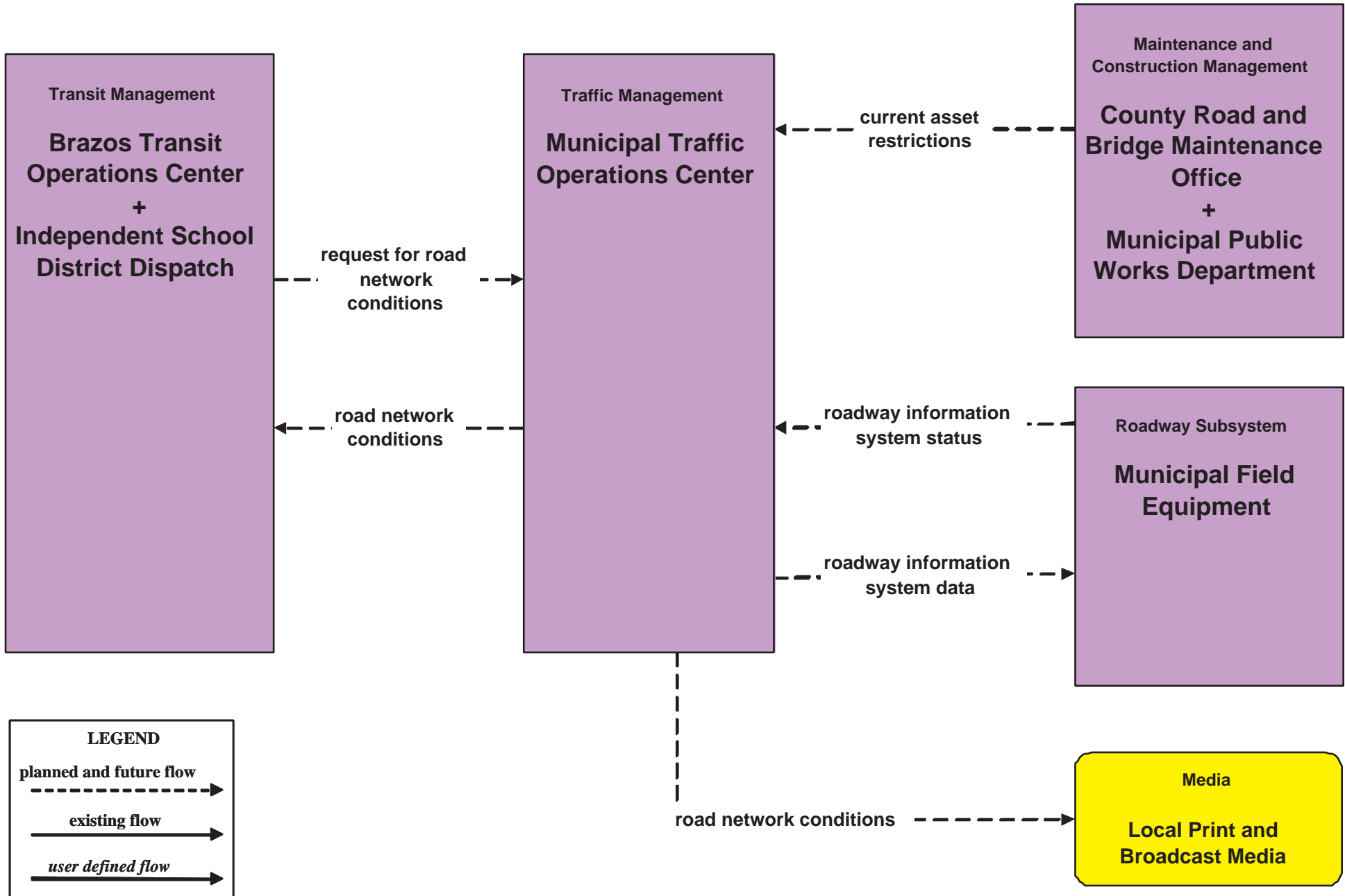
**ATMS06 - Traffic Information Dissemination
TxDOT Bryan District Office**



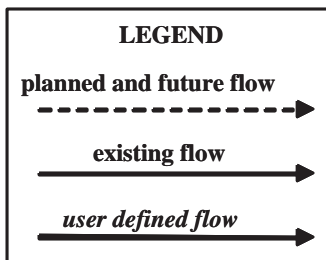
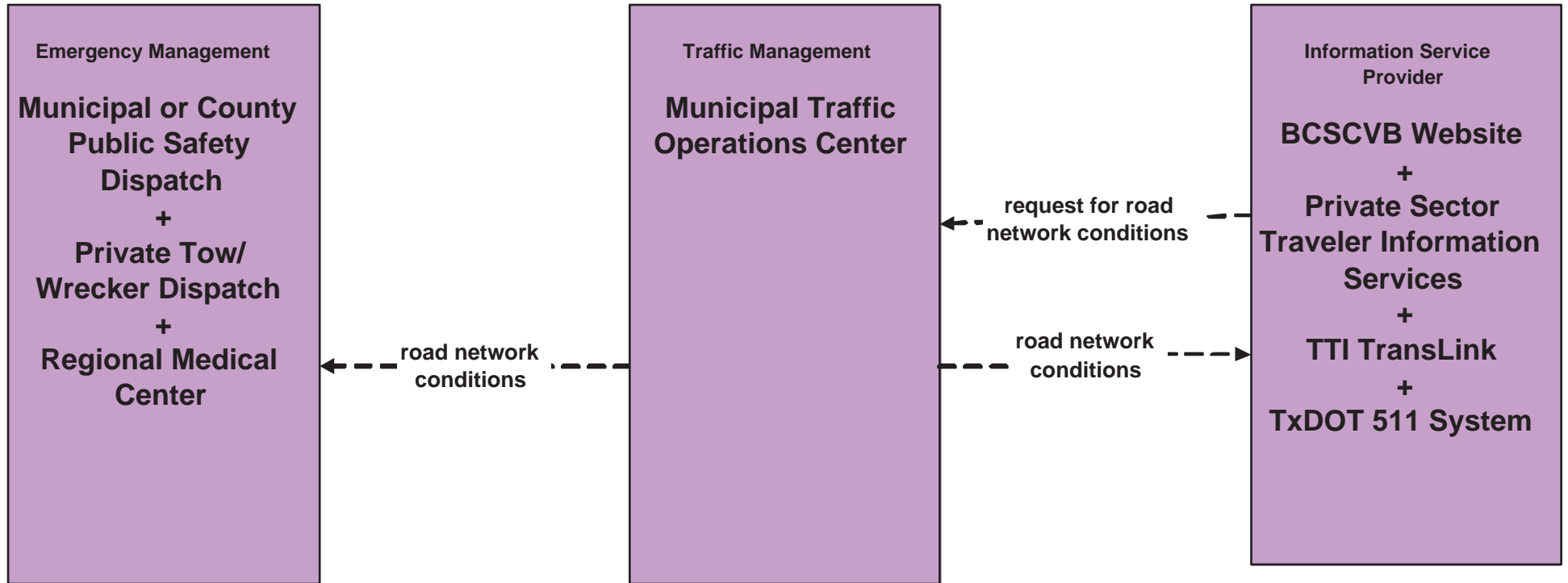
**ATMS06 - Traffic Information Dissemination
TxDOT Bryan District Office (TM to EM / ISP)**



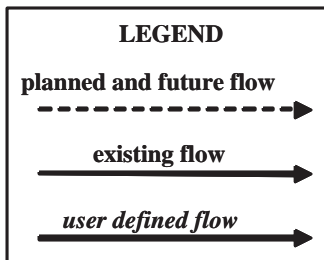
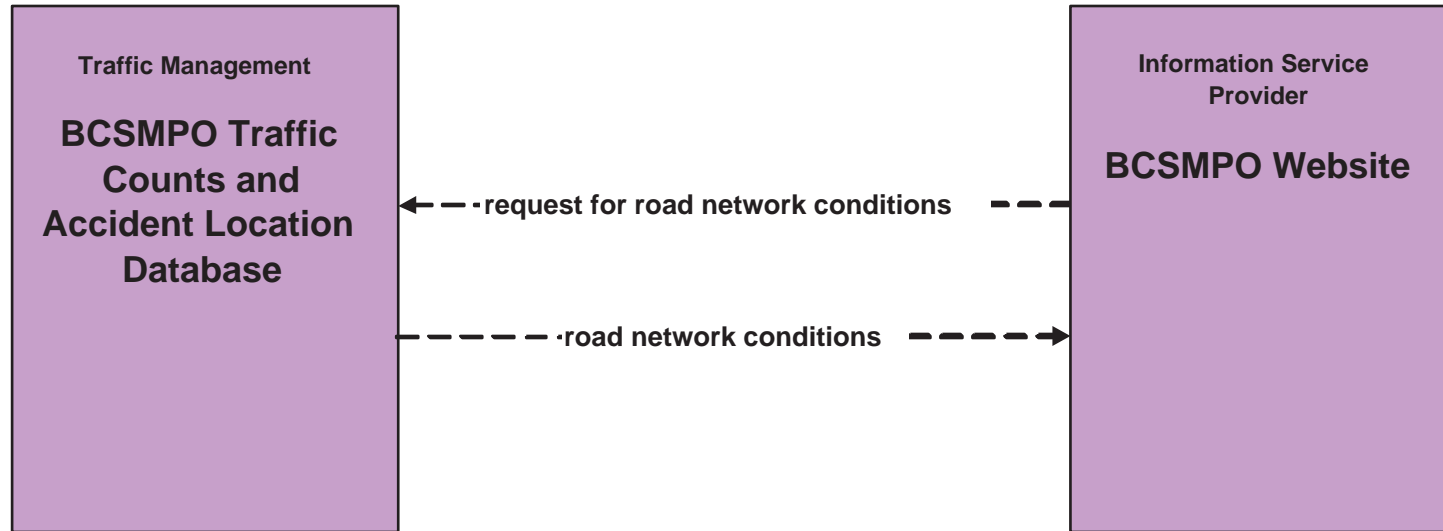
**ATMS06 - Traffic Information Dissemination
Municipal Traffic Operations Center**



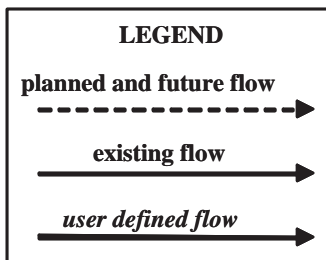
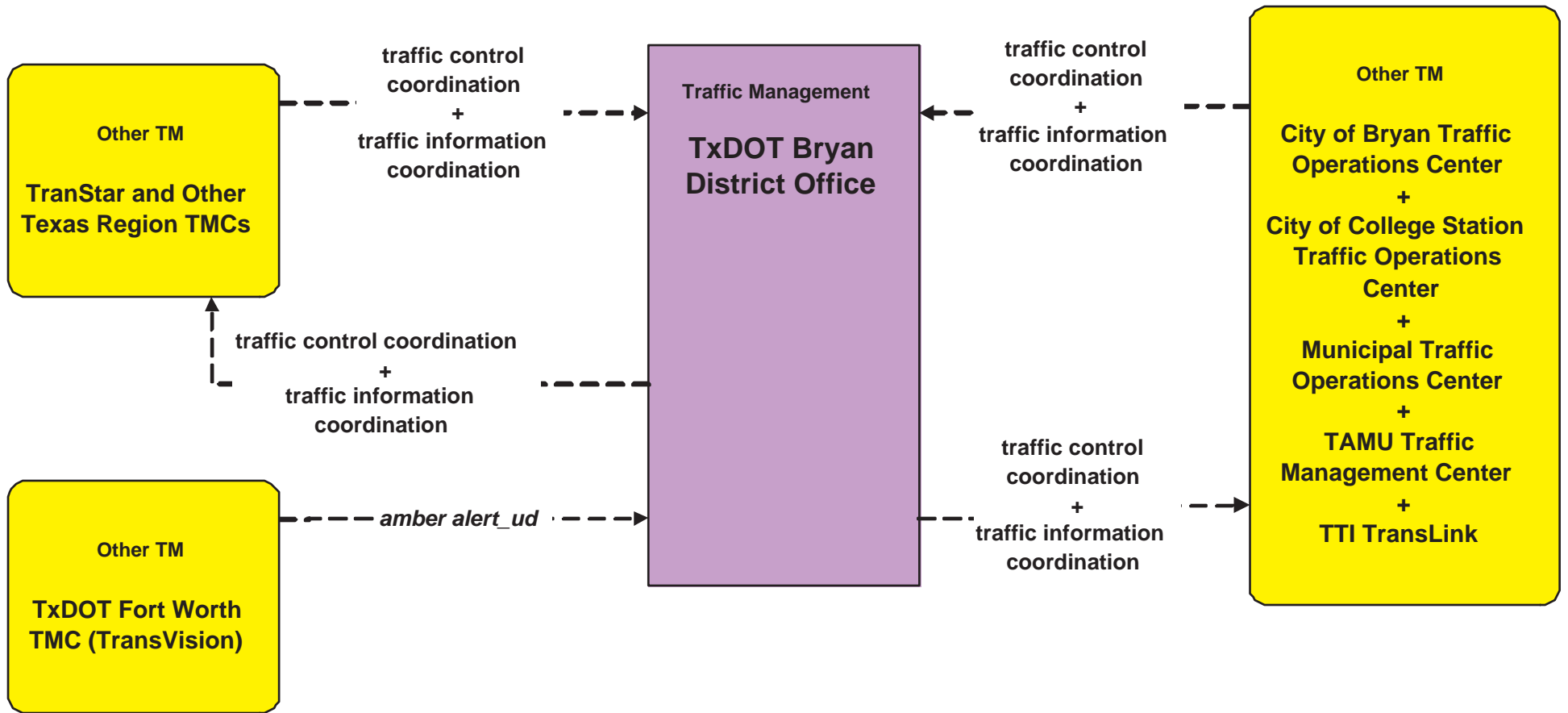
**ATMS06 - Traffic Information Dissemination
Municipal Traffic Operations Center (TM to EM / ISP)**



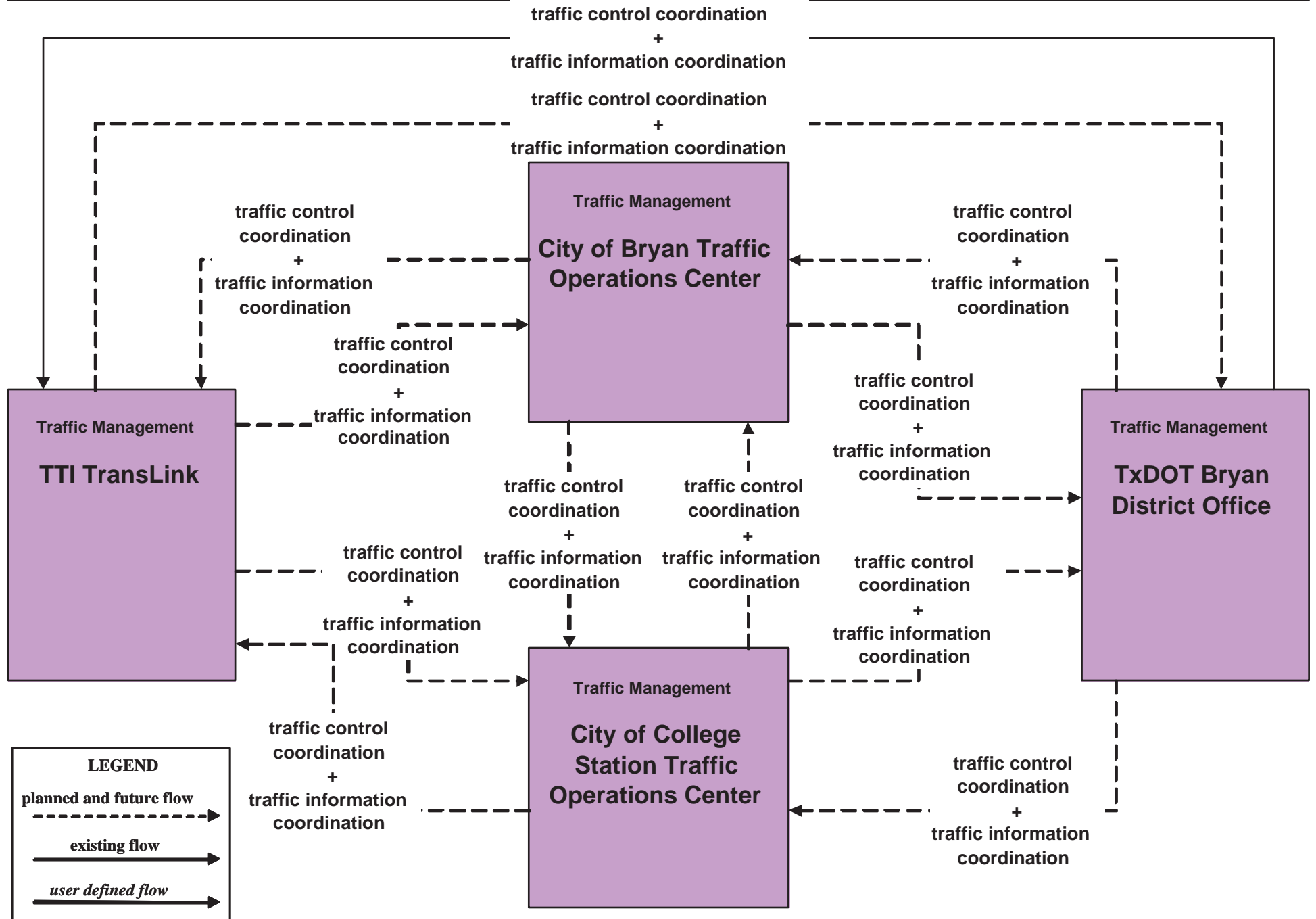
**ATMS06 - Traffic Information Dissemination
BCSMPO Traffic Count and Accident Location Database**



ATMS07 - Regional Traffic Control TxDOT Bryan District

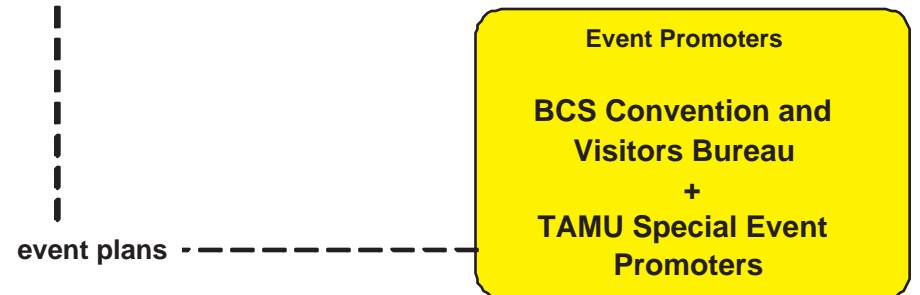
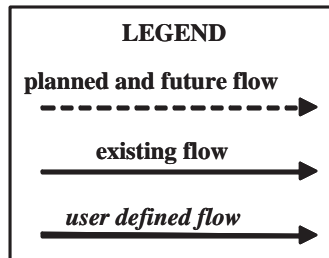
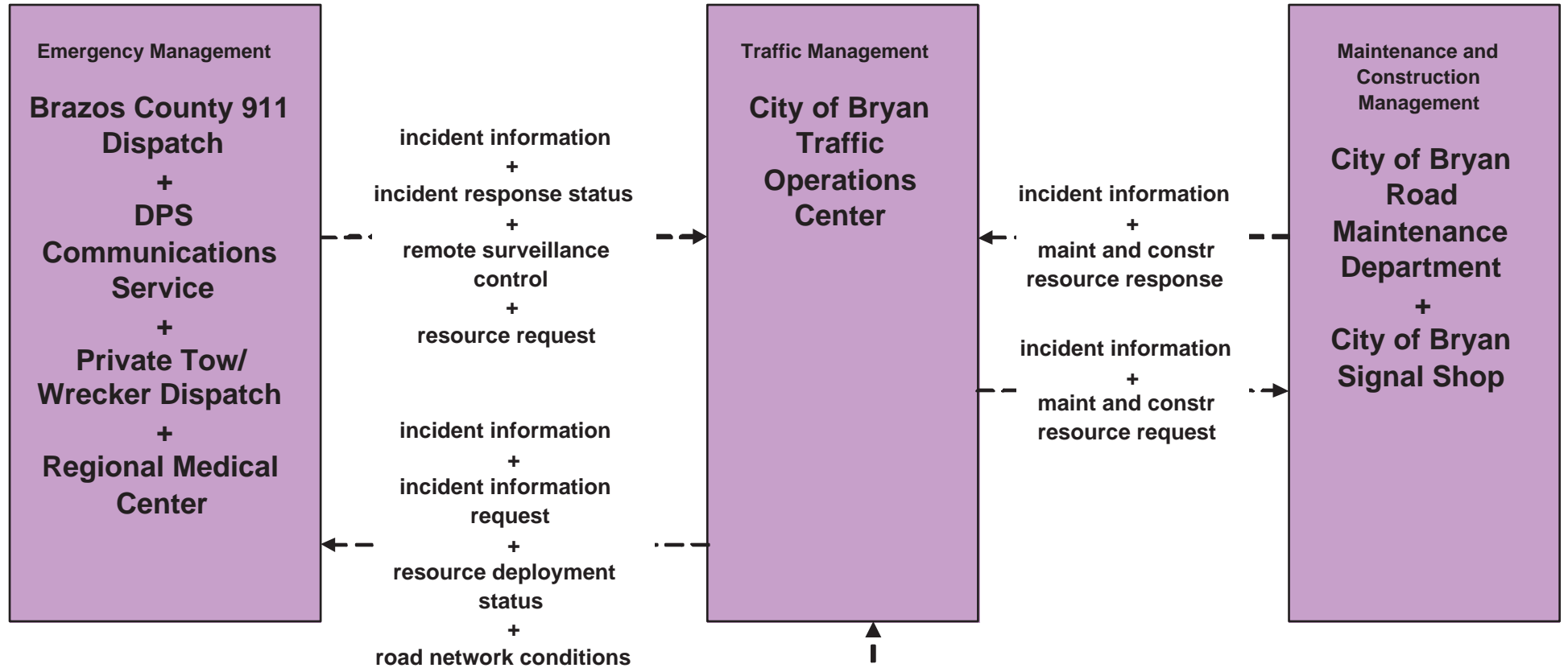


ATMS07 - Regional Traffic Control Brazos Valley

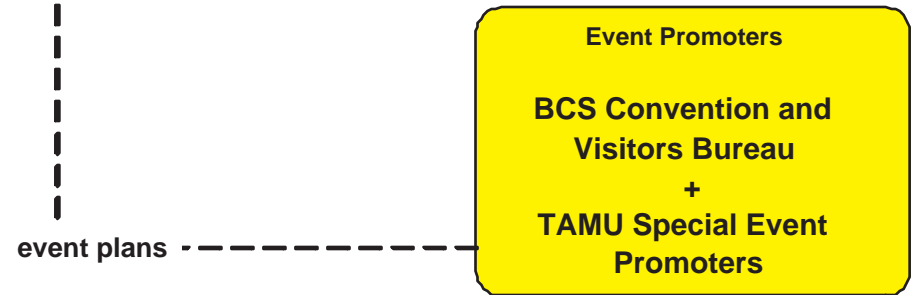
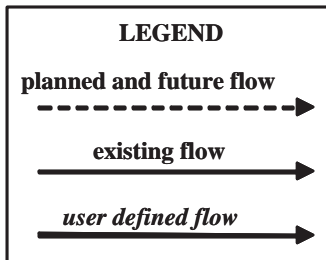
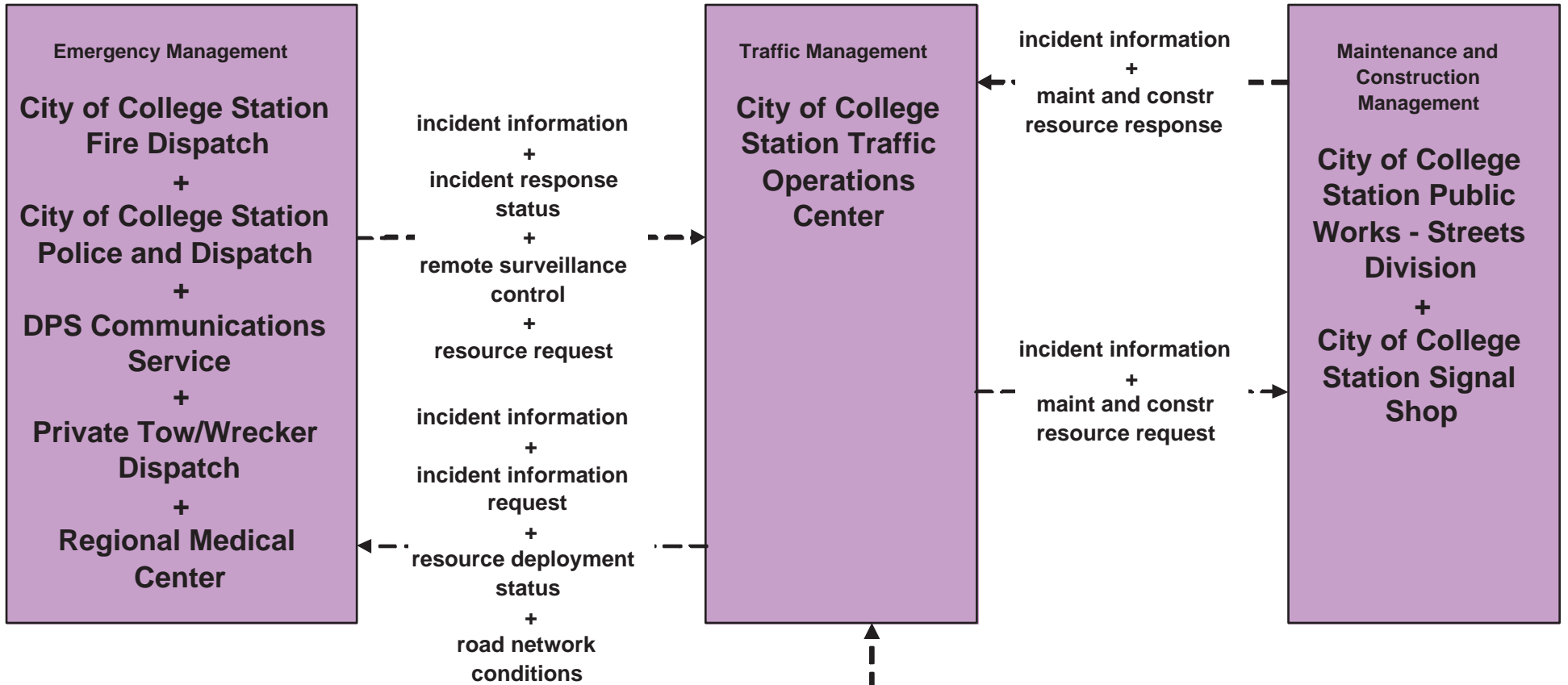


ATMS 08 - Incident Management

City of Bryan Traffic Operations Center

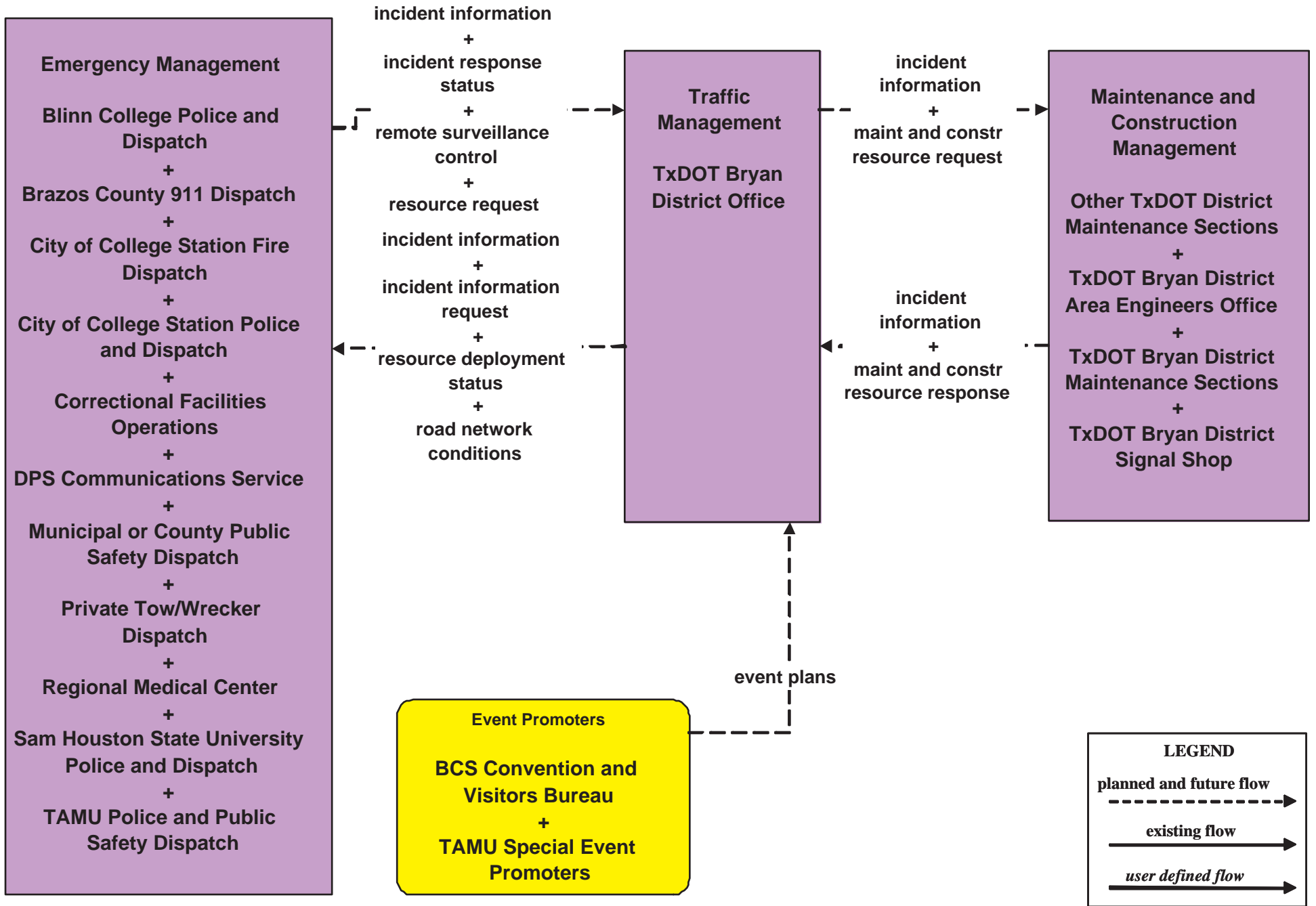


ATMS 08 - Incident Management
City of College Station Traffic Operations Center

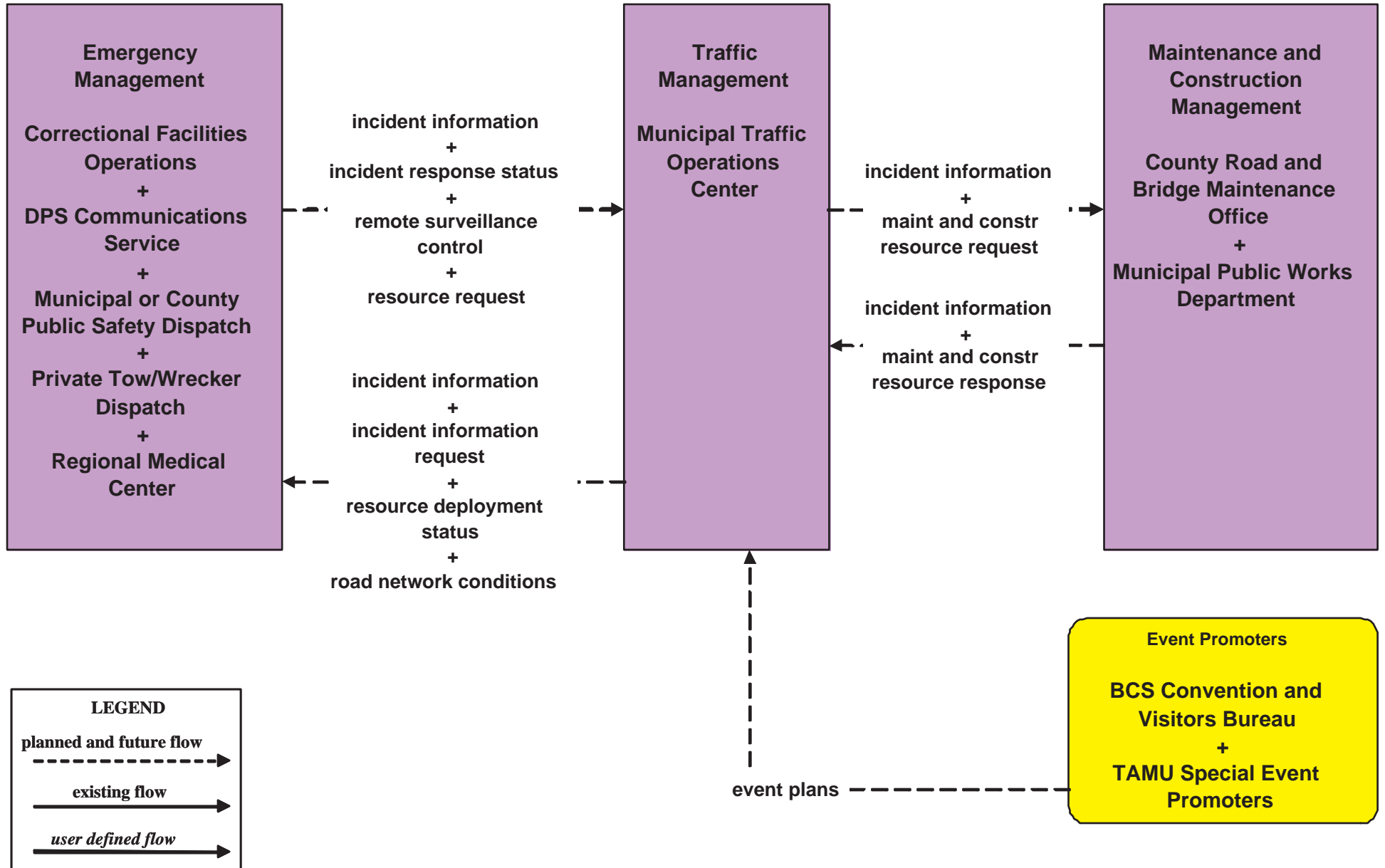


ATMS 08 - Incident Management

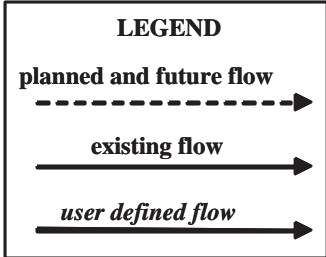
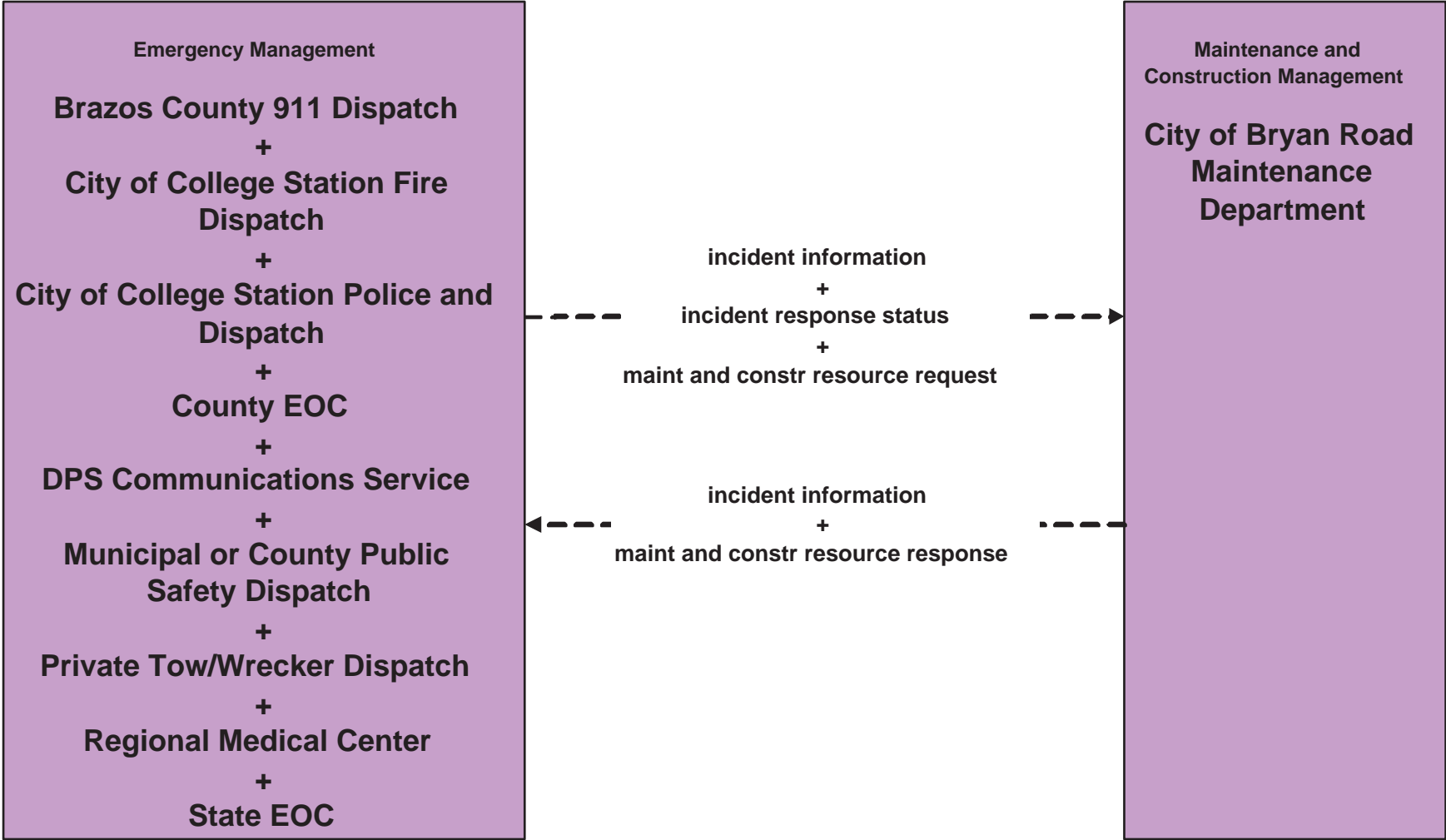
TxDOT Bryan District Office



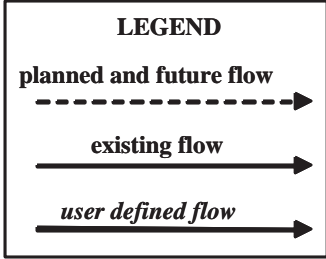
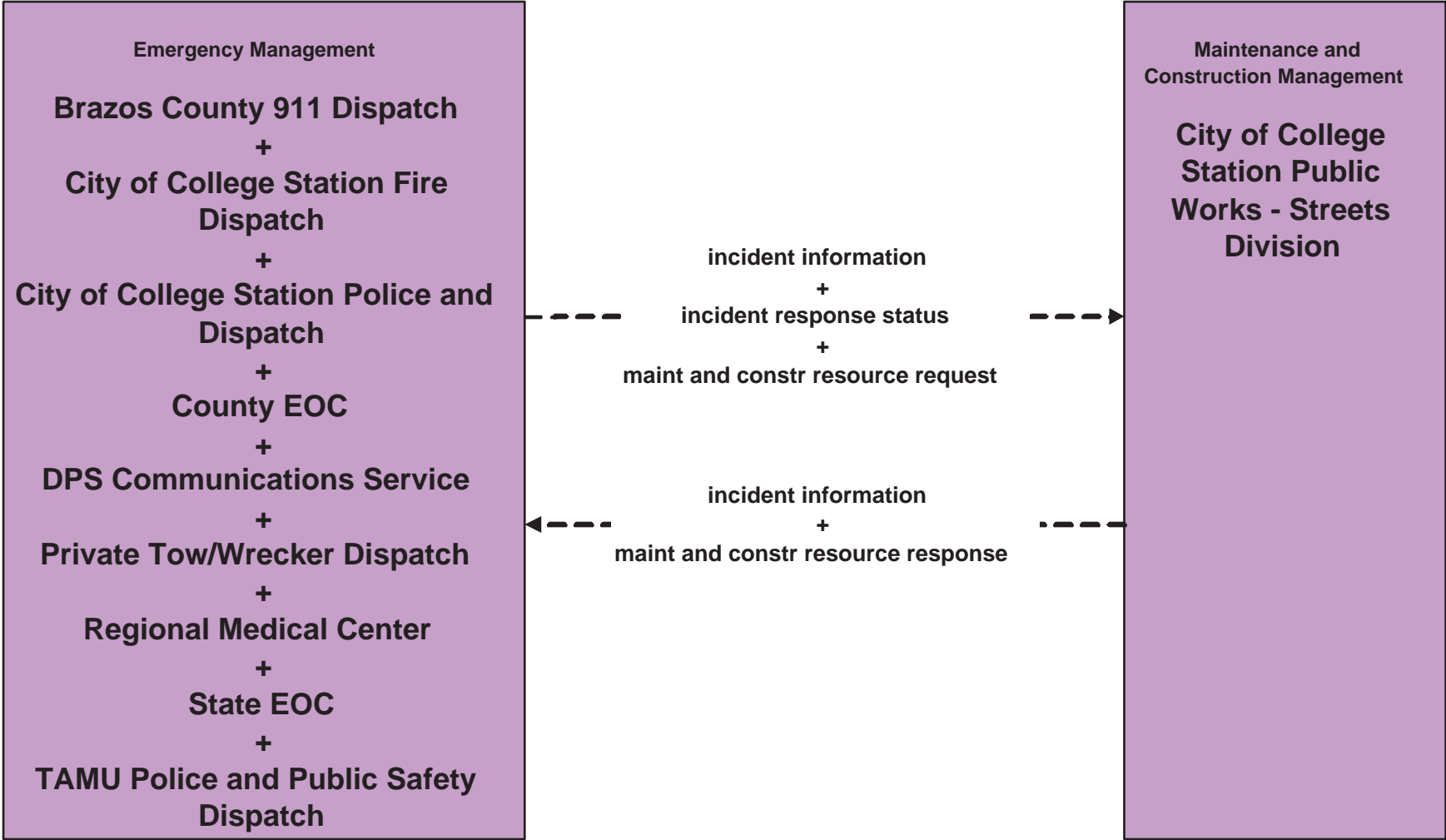
ATMS 08 - Incident Management Municipal Traffic Operations Center



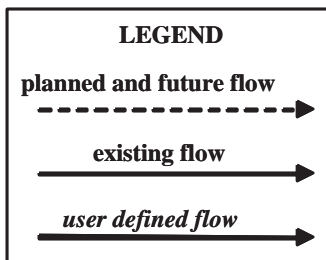
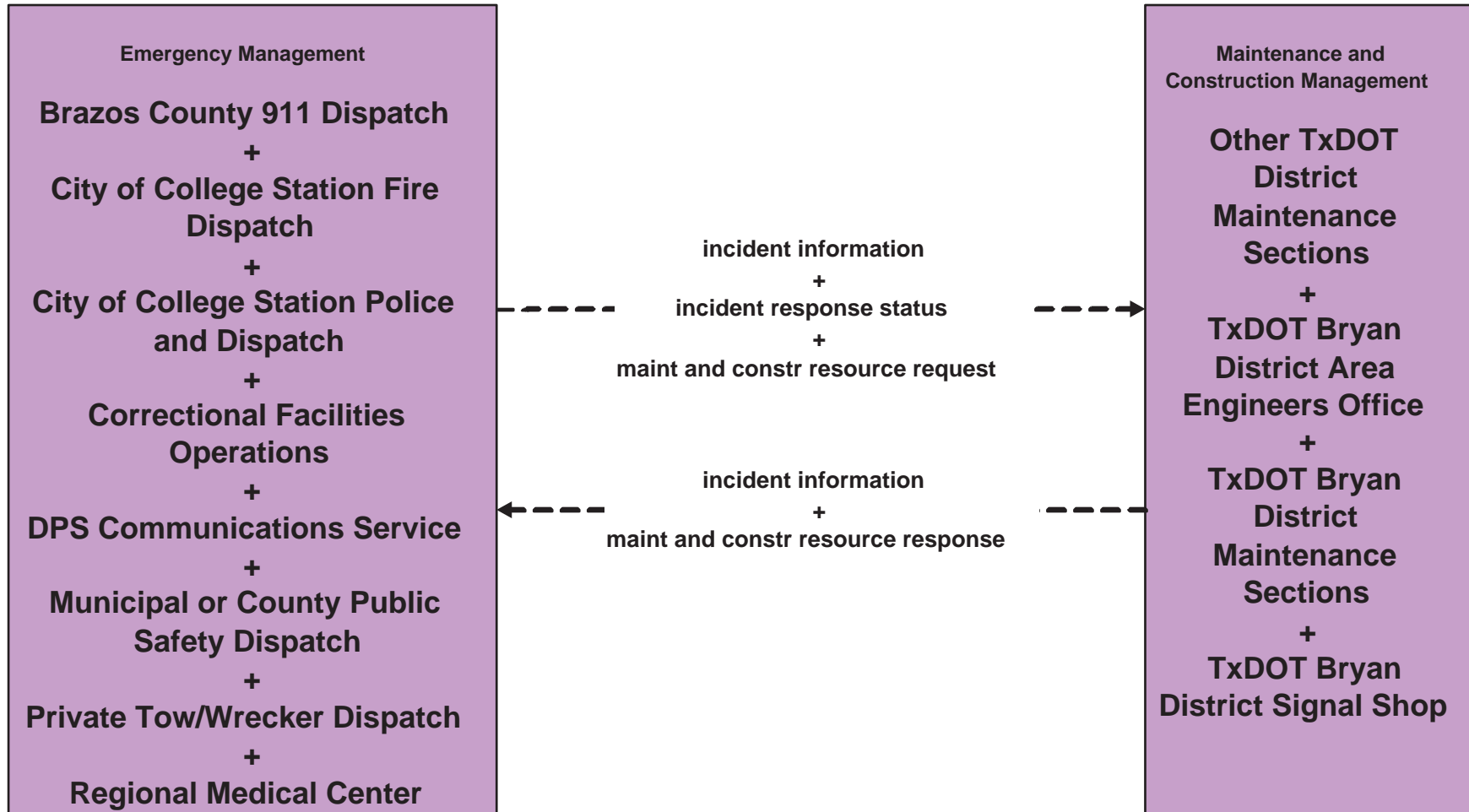
ATMS 08 - Incident Management
City of Bryan Maintenance (MCM to EM)



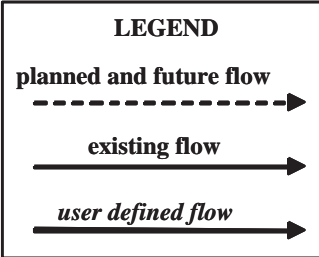
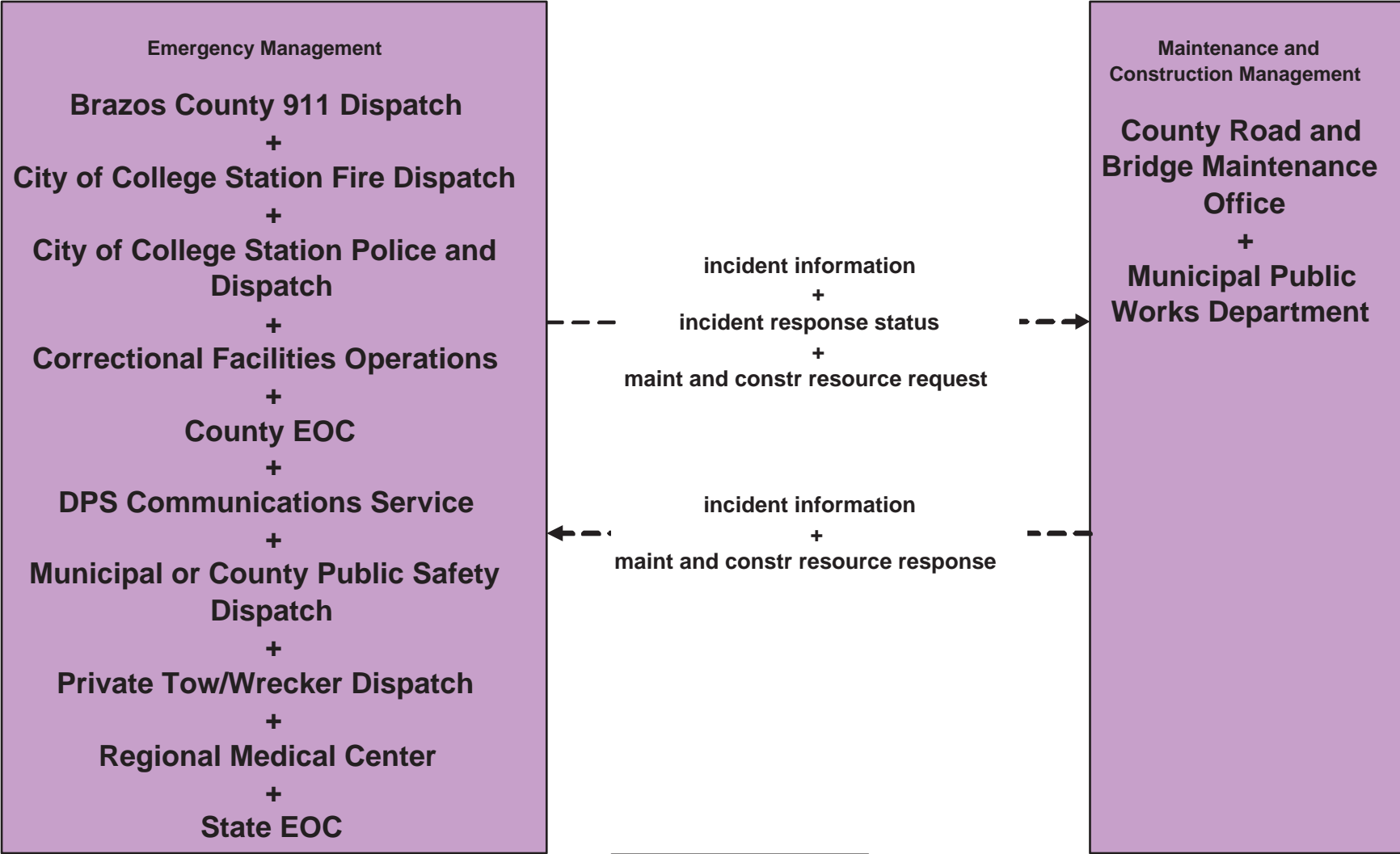
ATMS 08 - Incident Management
City of College Station Maintenance (MCM to EM)



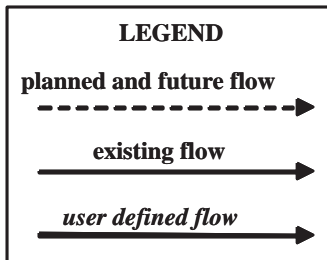
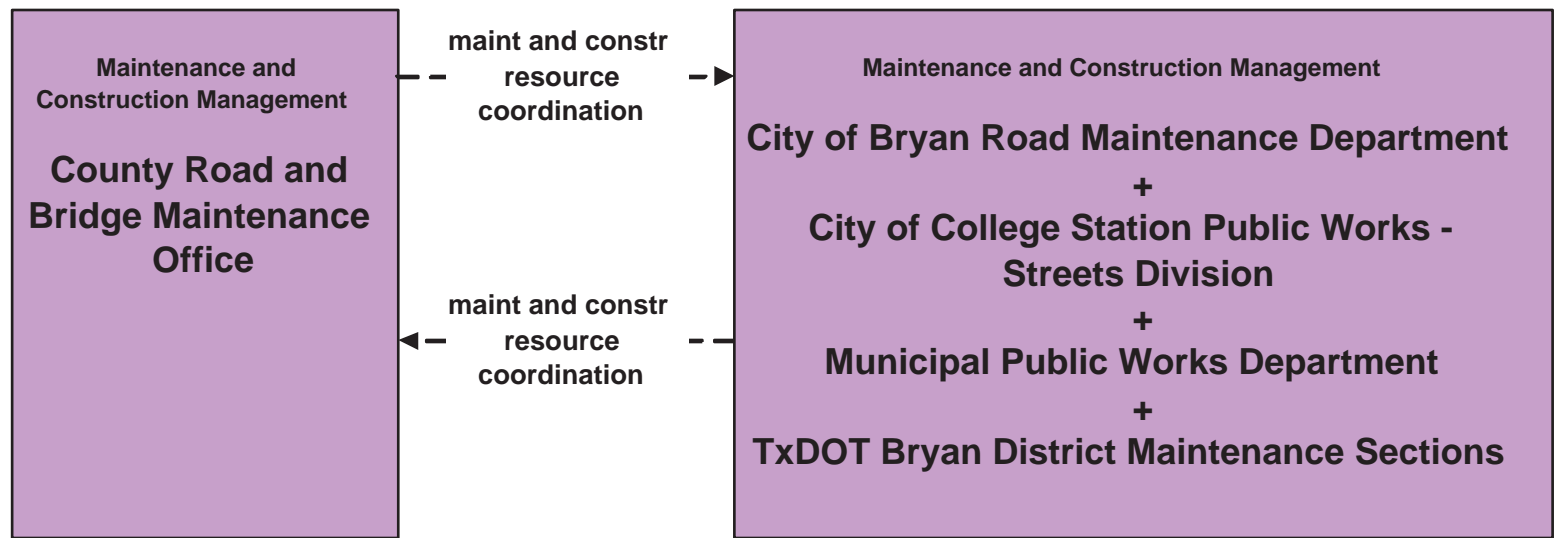
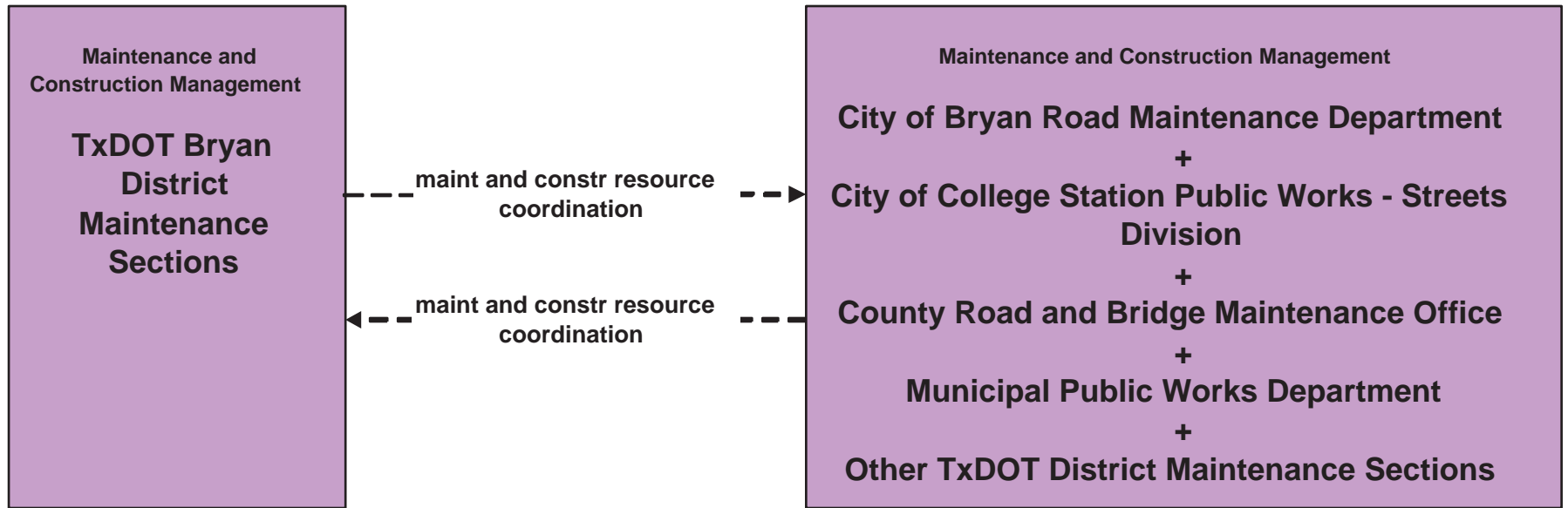
ATMS 08 - Incident Management
TxDOT Bryan District Maintenance Sections (MCM to EM)



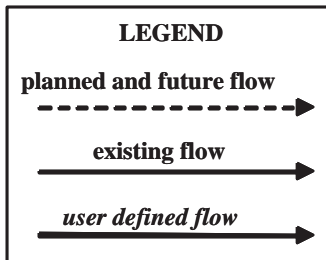
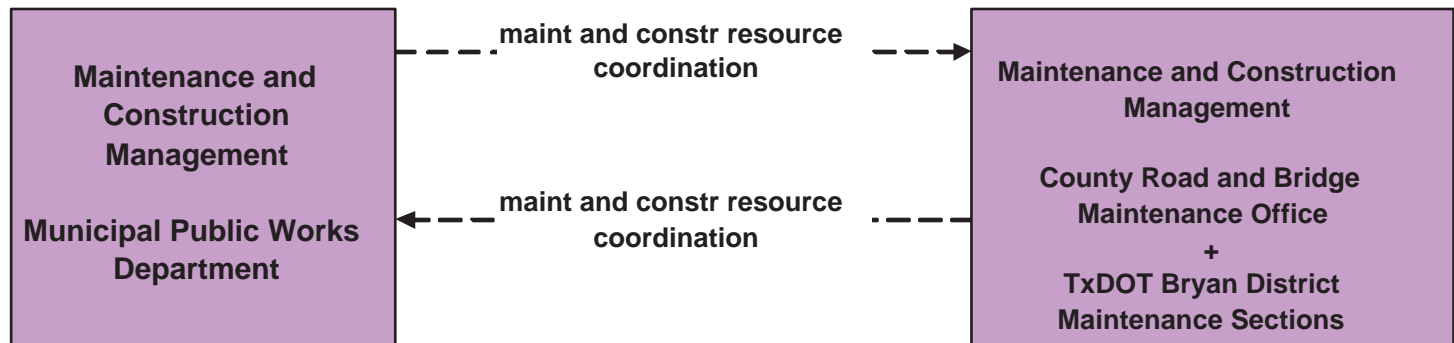
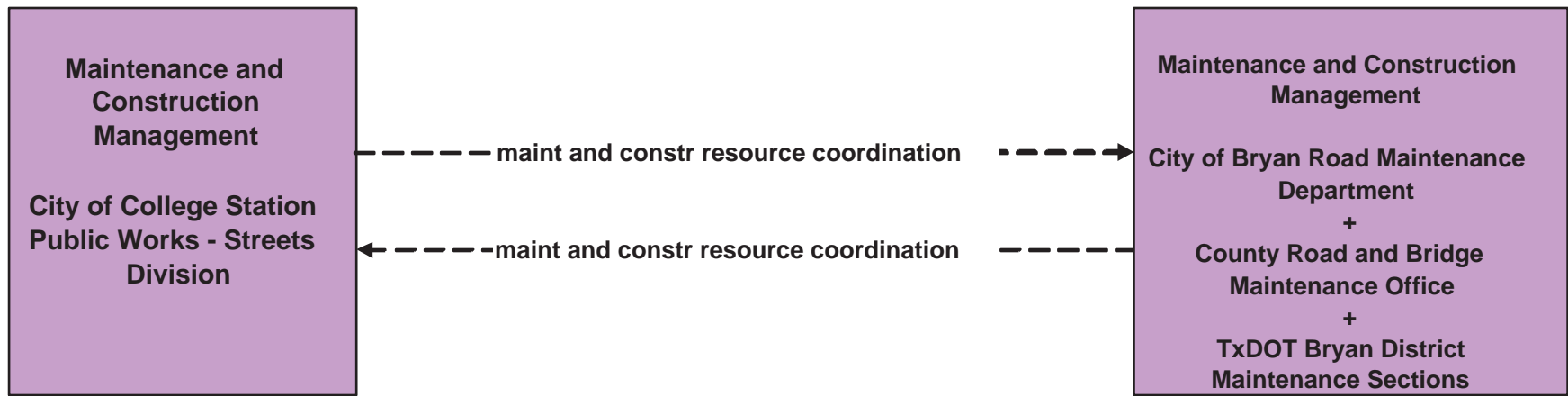
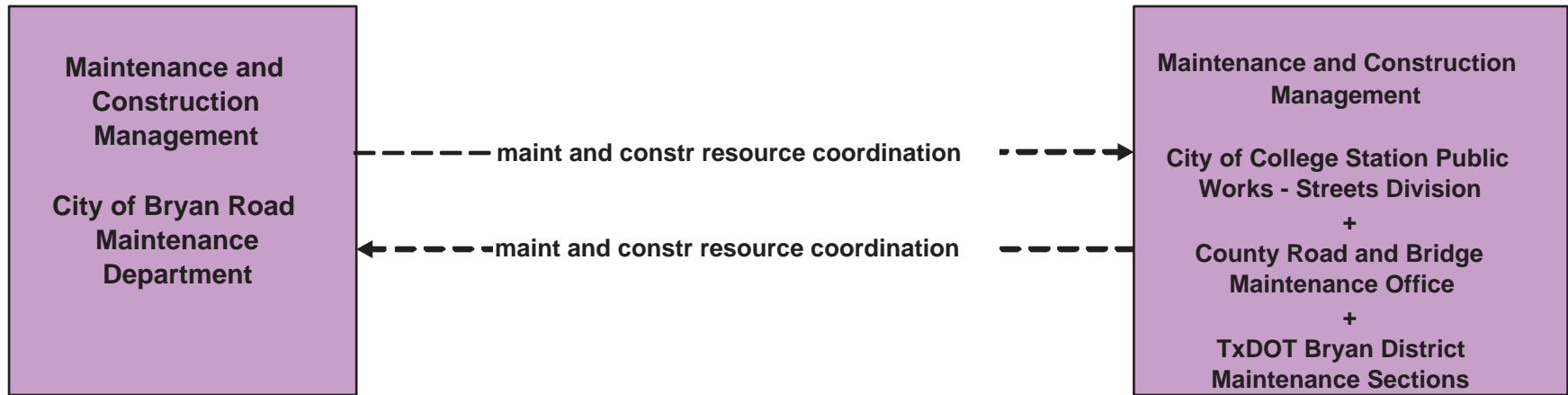
**ATMS 08 - Incident Management
County and Municipal Road and Bridge Maintenance (MCM to EM)**



ATMS 08 - Incident Management
TxDOT/County Road and Bridge Maintenance (MCM to Other MCM)



ATMS 08 - Incident Management
City of Bryan / College Station Maintenance (MCM to Other MCM)



**ATMS08 - Incident Management
Flood Monitoring-TxDOT**

Transit Management
 Brazos Transit Operations Center
 +
 Independent School District Dispatch
 +
 TAMU Transit Operations Center

Emergency Management
 Automated Call Out System
 +
 Brazos County 911 Dispatch
 +
 City of College Station Fire Dispatch
 +
 City of College Station Police and Dispatch
 +
 Correctional Facilities Operations
 +
 DPS Communications Service
 +
 Municipal or County Public Safety Dispatch
 +
 Private Tow/Wrecker Dispatch
 +
 Regional Medical Center

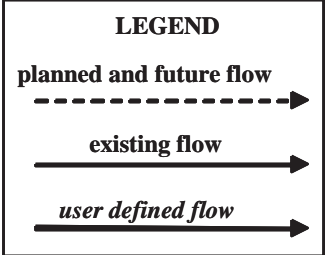
Transit is informed for moving people

Traffic Management
 TxDOT Bryan District Office

Traffic Management
 City of Bryan Traffic Operations Center
 +
 City of College Station Traffic Operations Center
 +
 Municipal Traffic Operations Center
 +
 TTI TransLink

Roadway Subsystem
 TxDOT Bryan District Flood Detection

Maintenance and Construction Management
 City of Bryan Road Maintenance Department
 +
 City of College Station Public Works - Streets Division
 +
 County Road and Bridge Maintenance Office
 +
 Municipal Public Works Department
 +
 TxDOT Bryan District Maintenance Sections



flood warning_ud

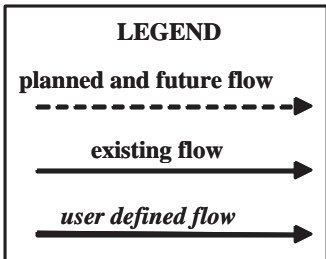
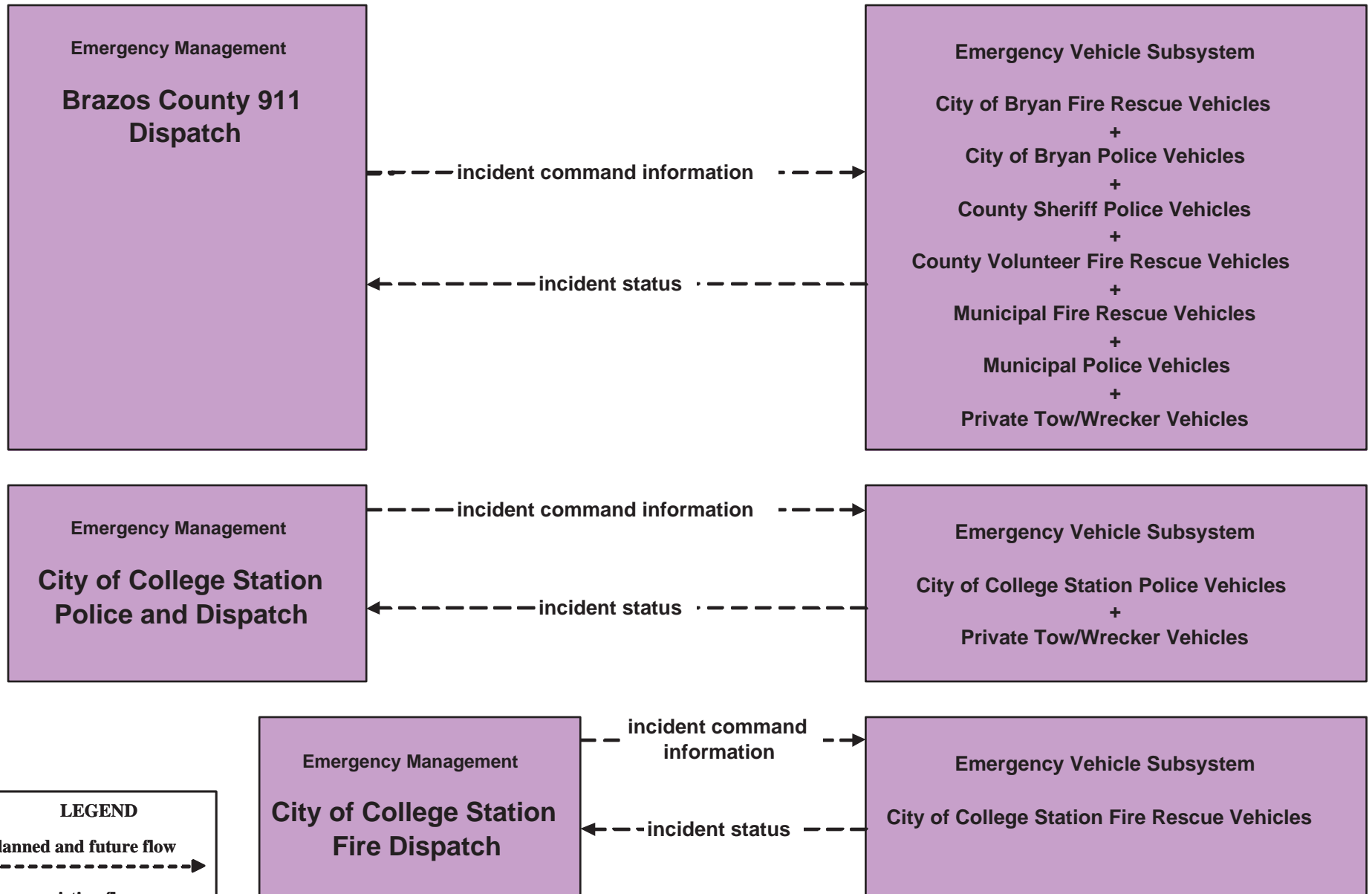
flood monitoring information_ud

flood warning_ud

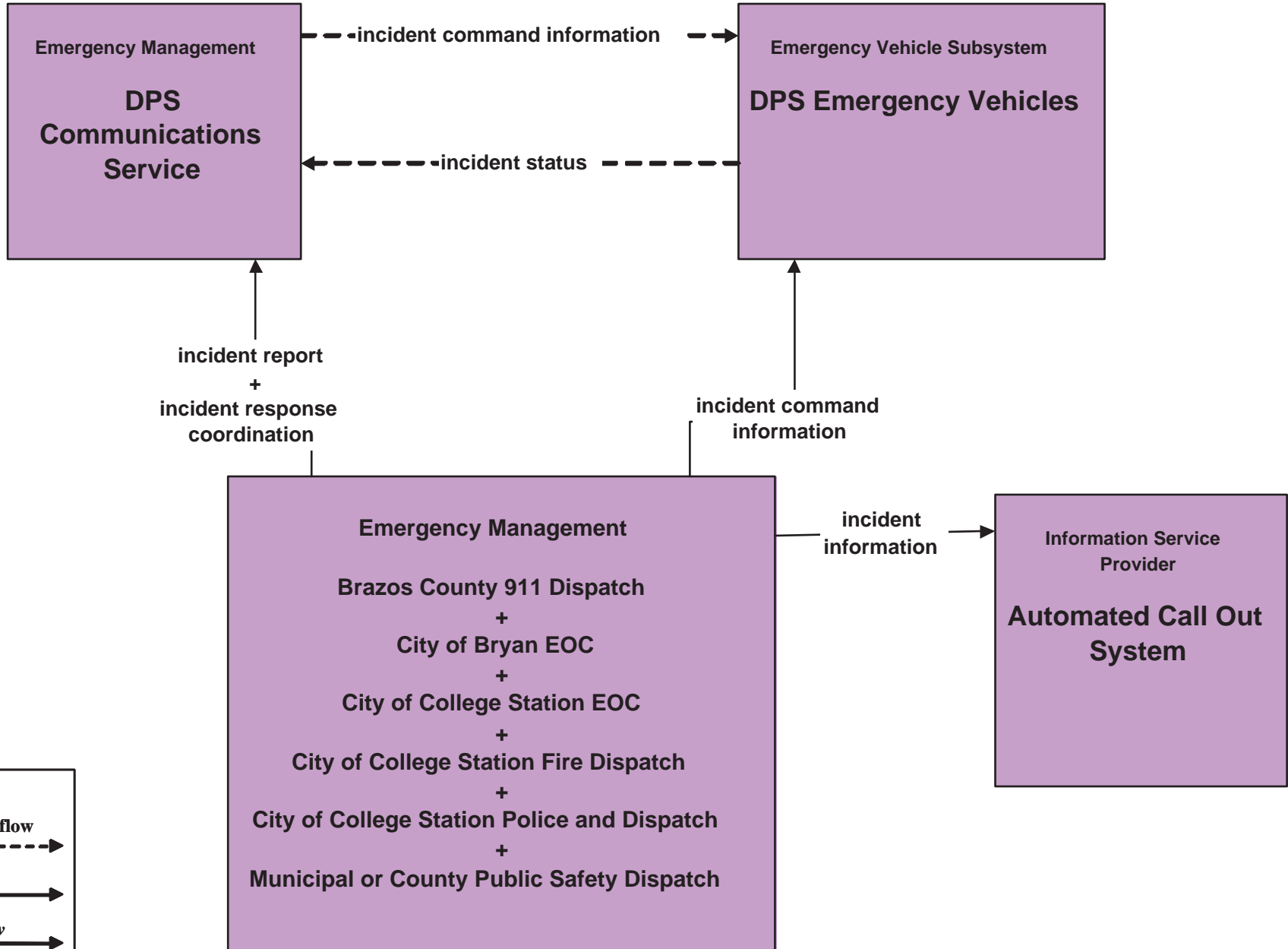
flood warning_ud

flood warning_ud

ATMS 08 - Incident Management (EM to EVS)



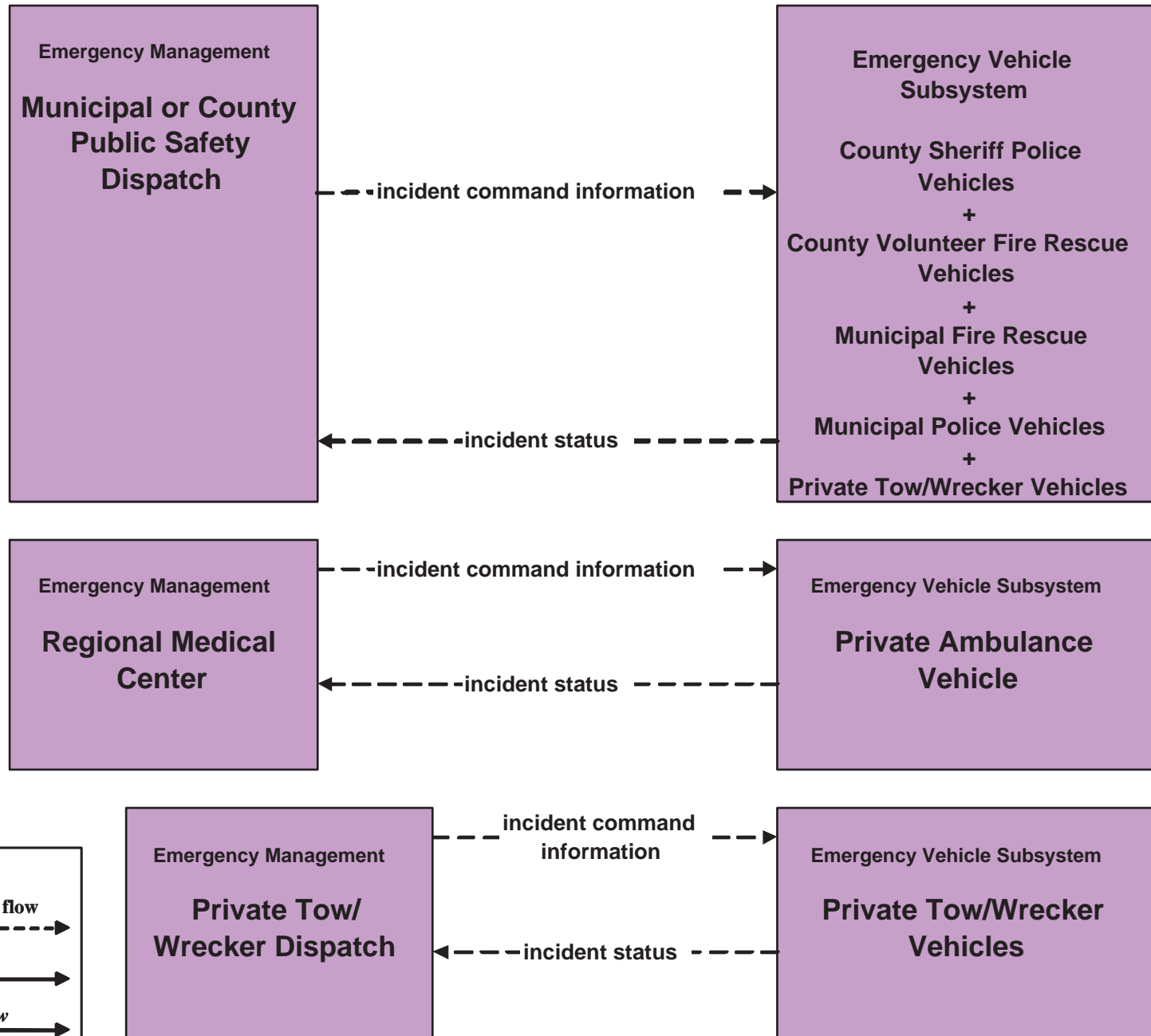
**ATMS 08 - Incident Management
EM to EVS plus Automated Calling System**



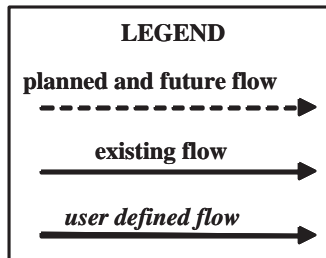
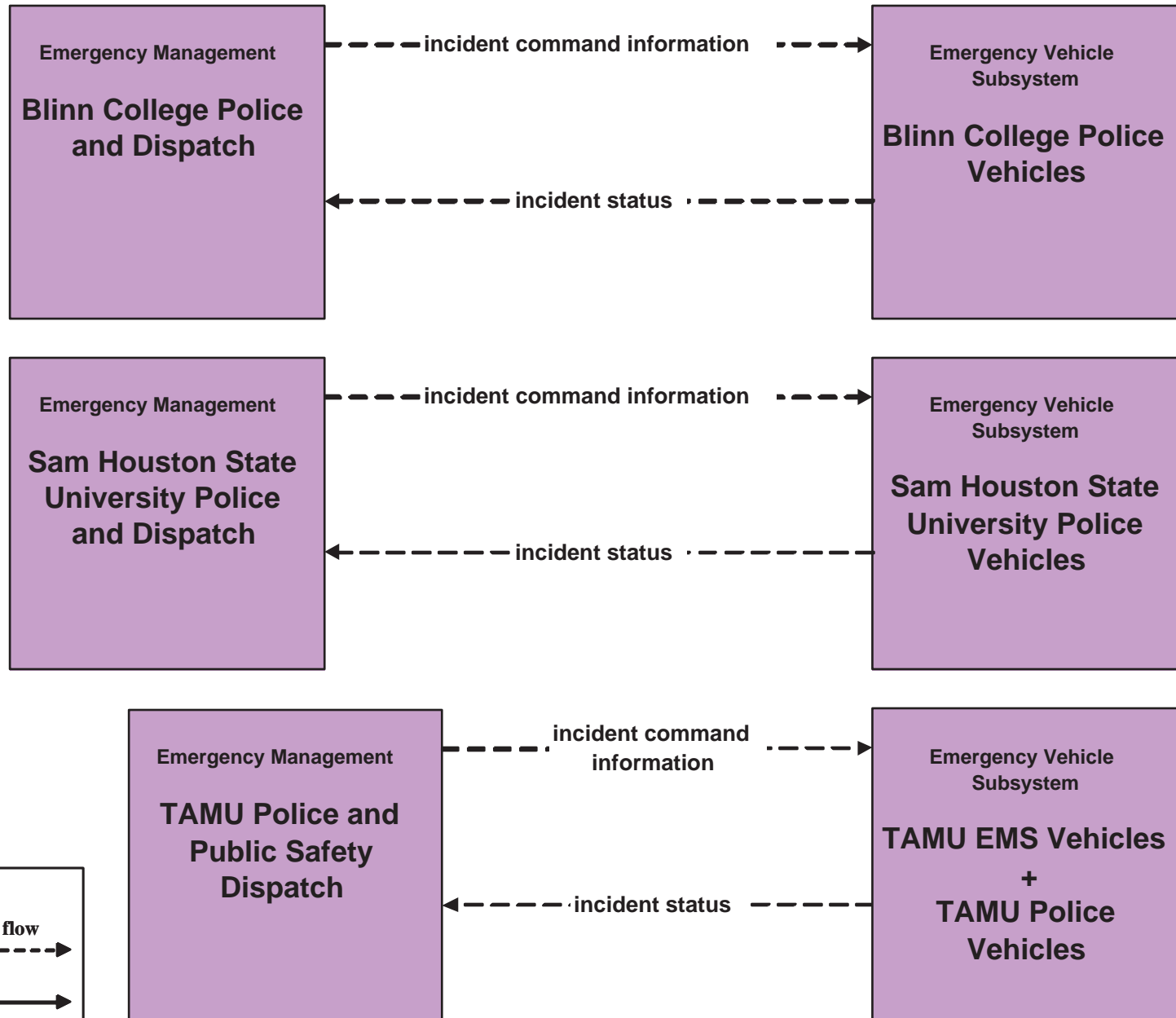
LEGEND

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

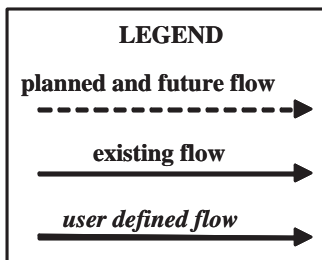
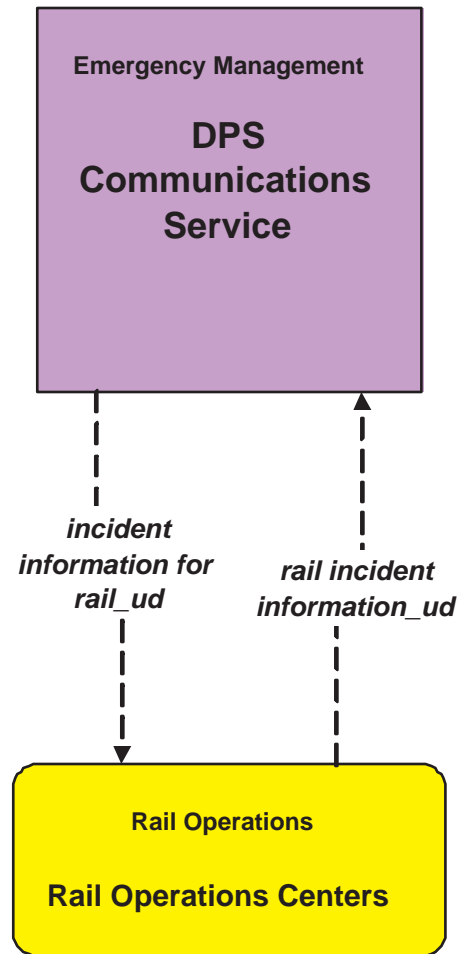
ATMS 08 - Incident Management (EM to EVS)



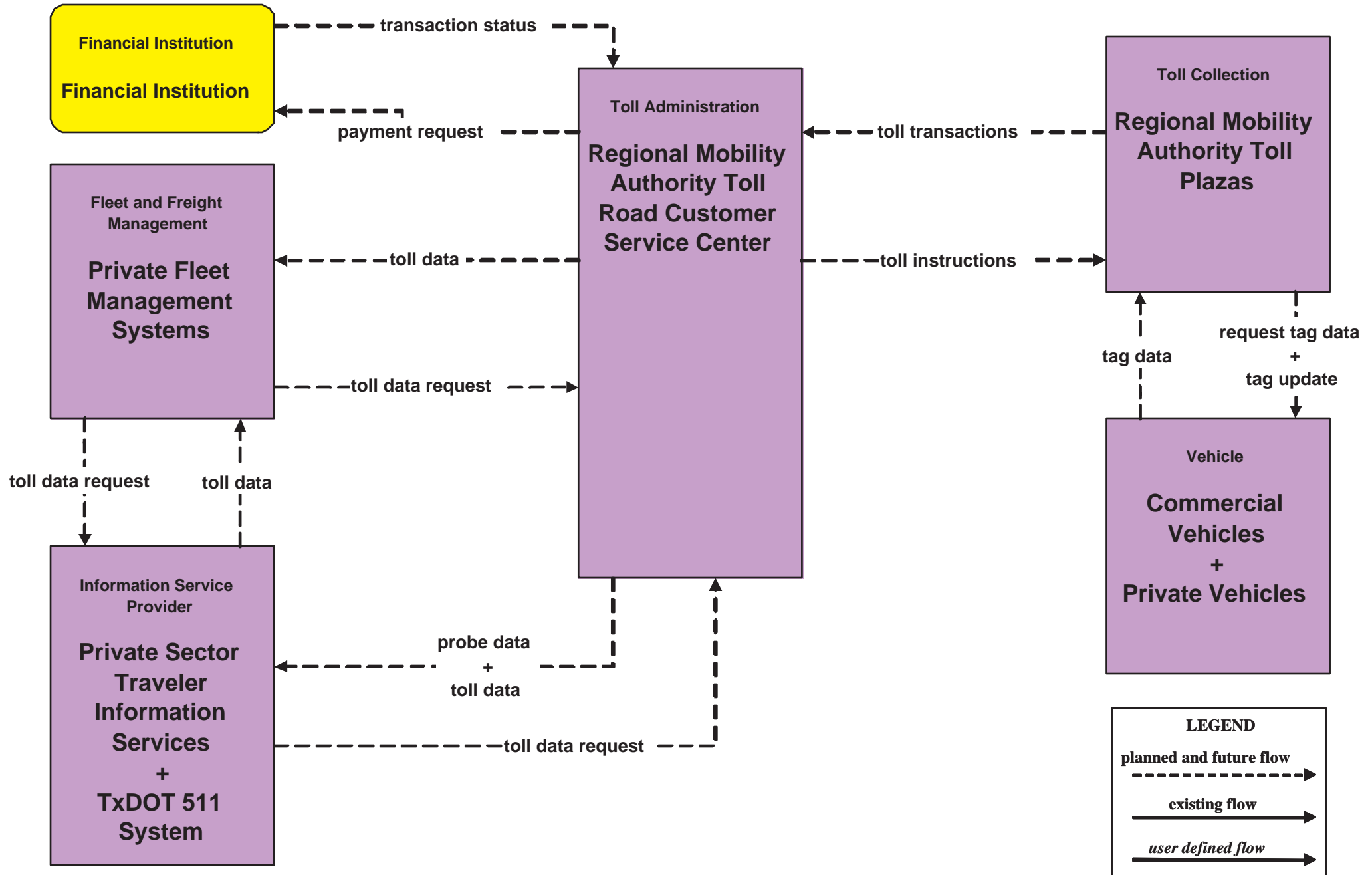
ATMS 08 - Incident Management (EM to EVS)



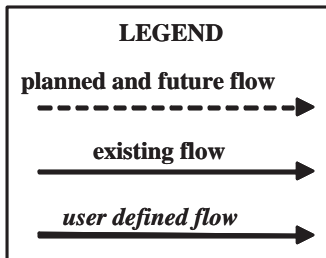
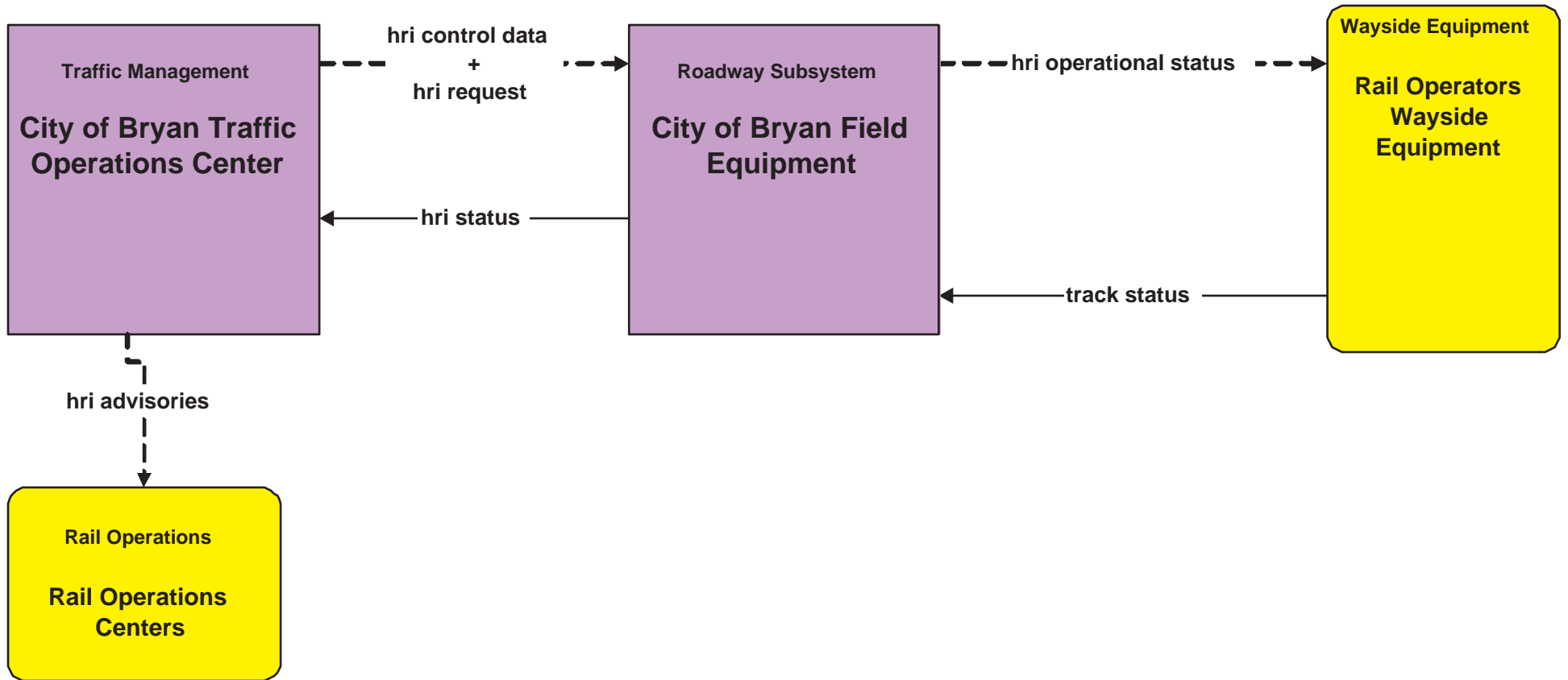
ATMS 08 - Incident Management Rail Operations Coordination



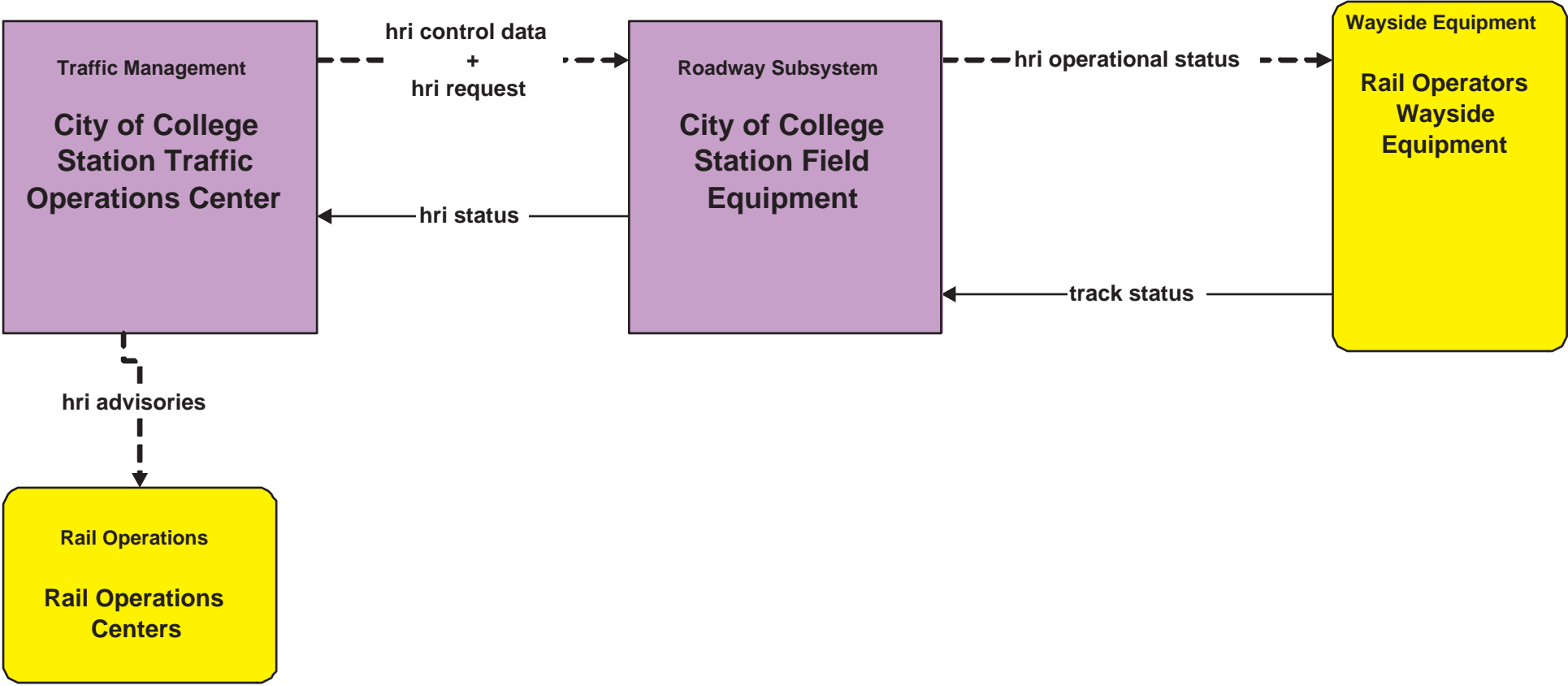
ATMS10 - Electronic Toll Collection



**ATMS13 - Standard Railroad Crossing
City of Bryan Traffic Signal System**



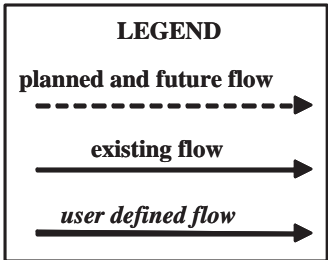
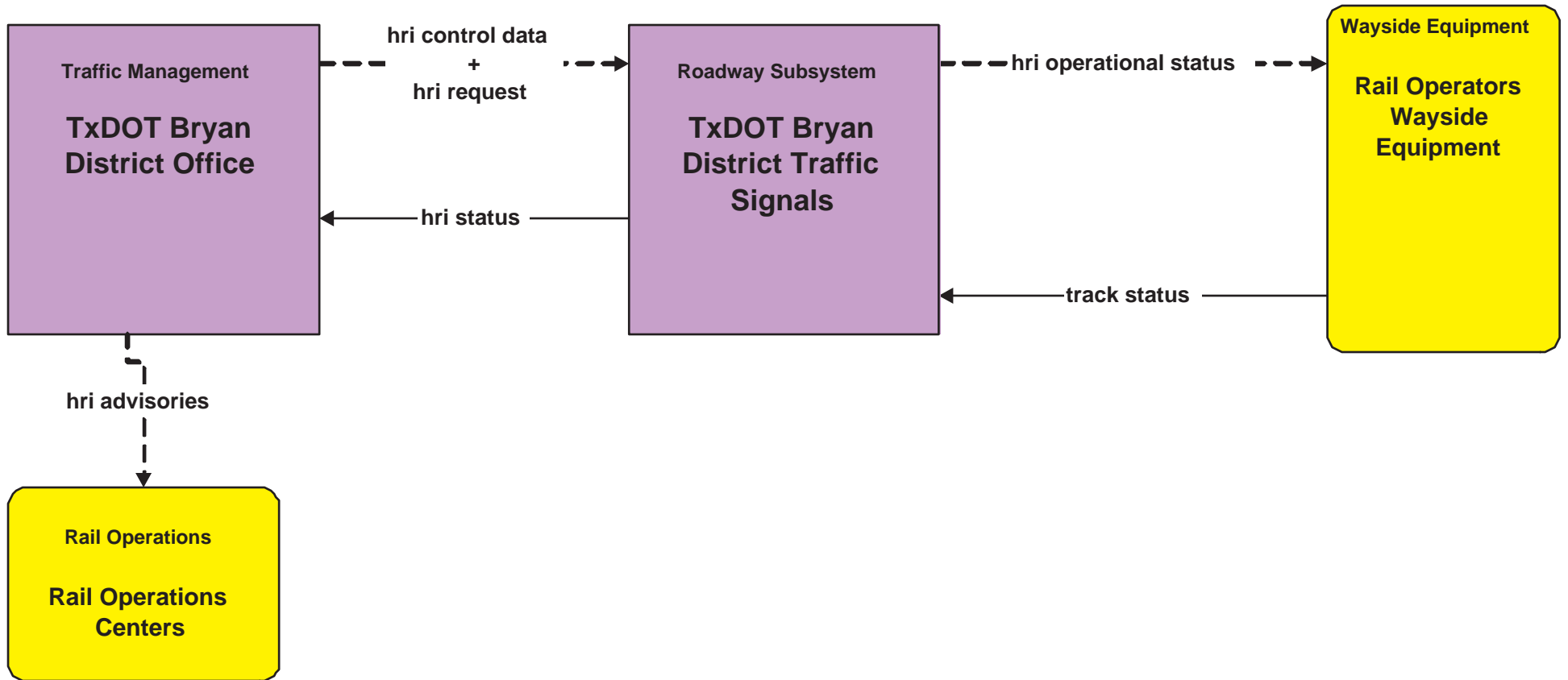
**ATMS13 - Standard Railroad Crossing
City of College Station Traffic Signal System**



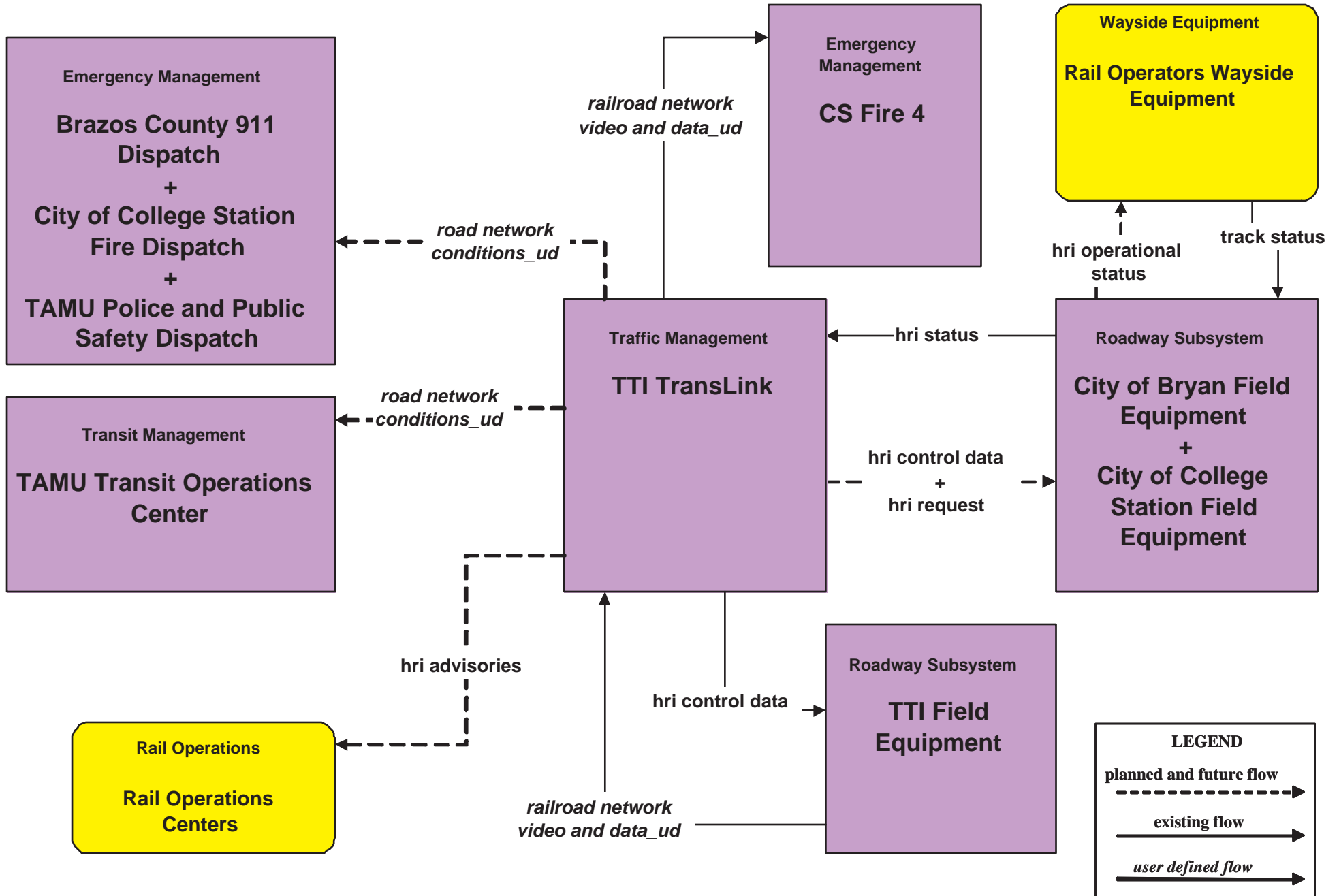
LEGEND

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

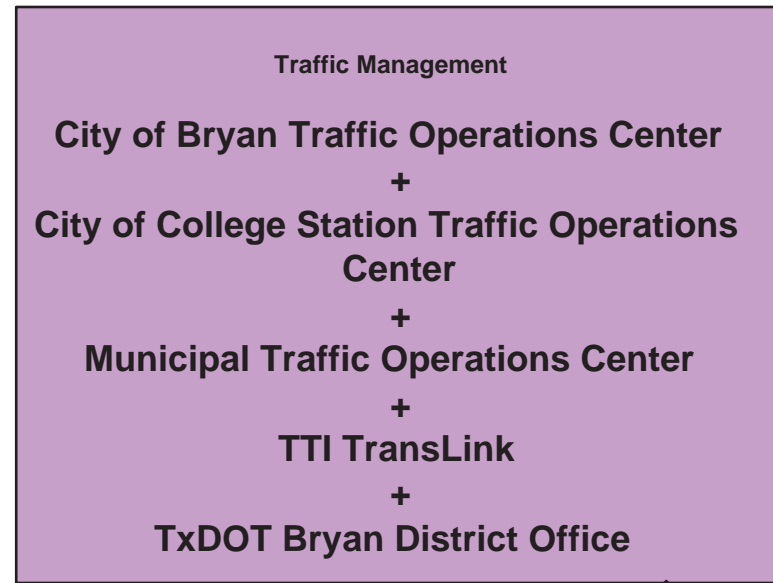
ATMS13 - Standard Railroad Crossing
TxDOT Bryan District Office



**ATMS13 - Standard Railroad Crossing
TTI Advanced Railroad Surveillance System**

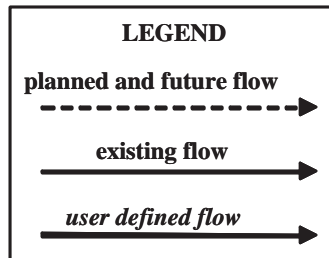
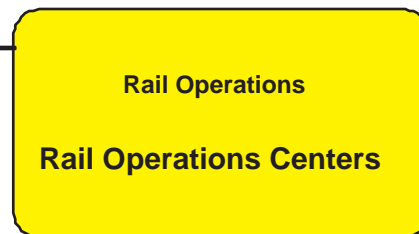


**ATMS15 - Railroad Operations Coordination
Regional Rail Operations Coordination**

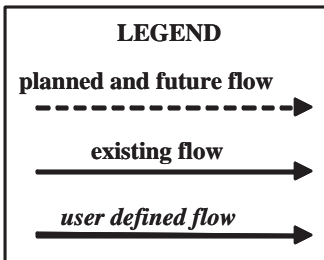
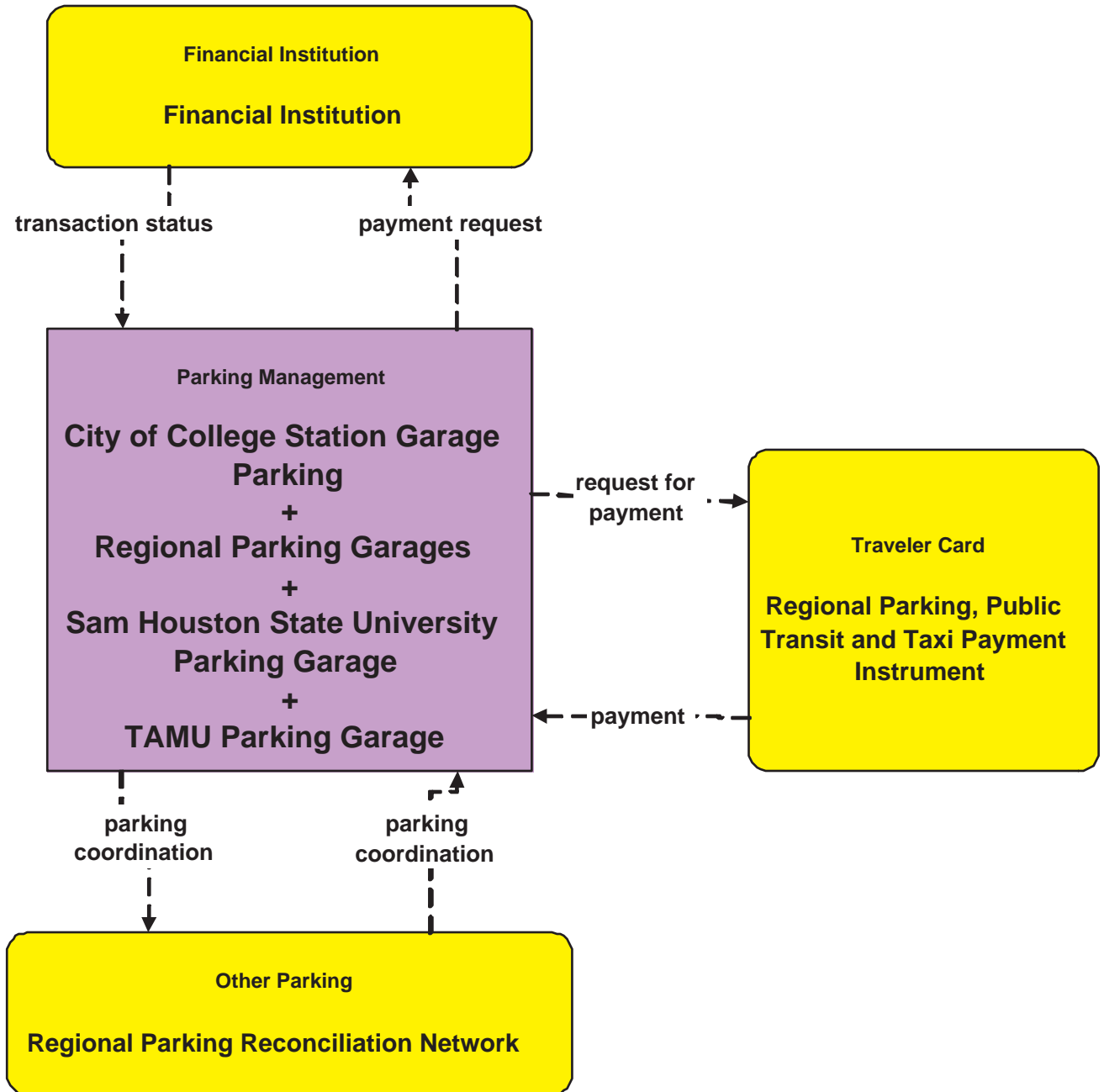


railroad advisories
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railroad schedules

hri advisories

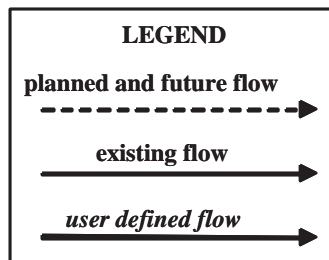
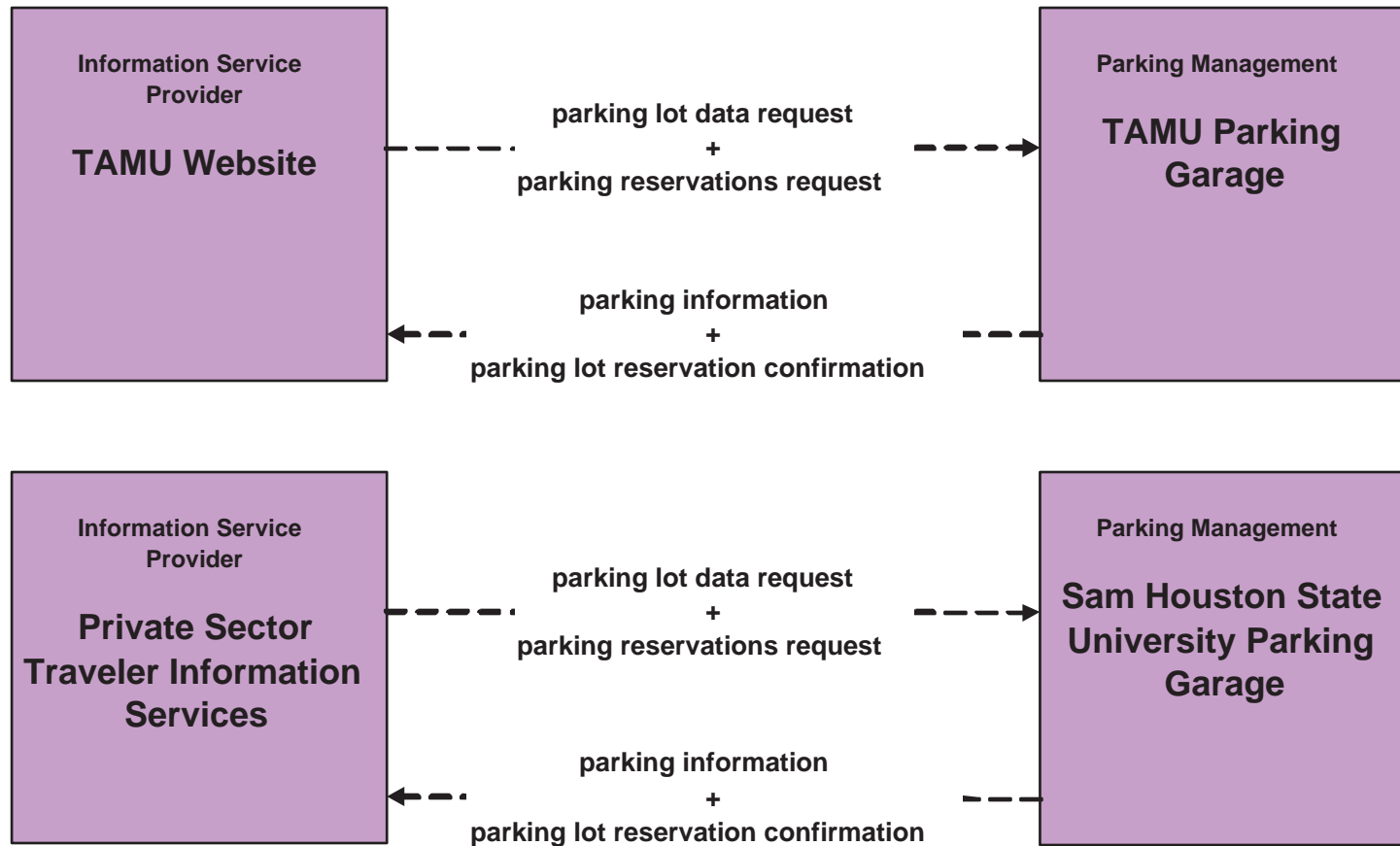


ATMS16 - Parking Facility Management Parking Garages

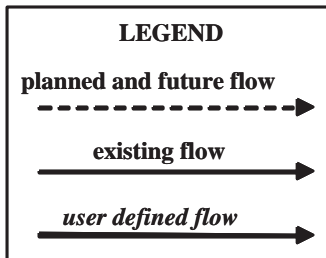
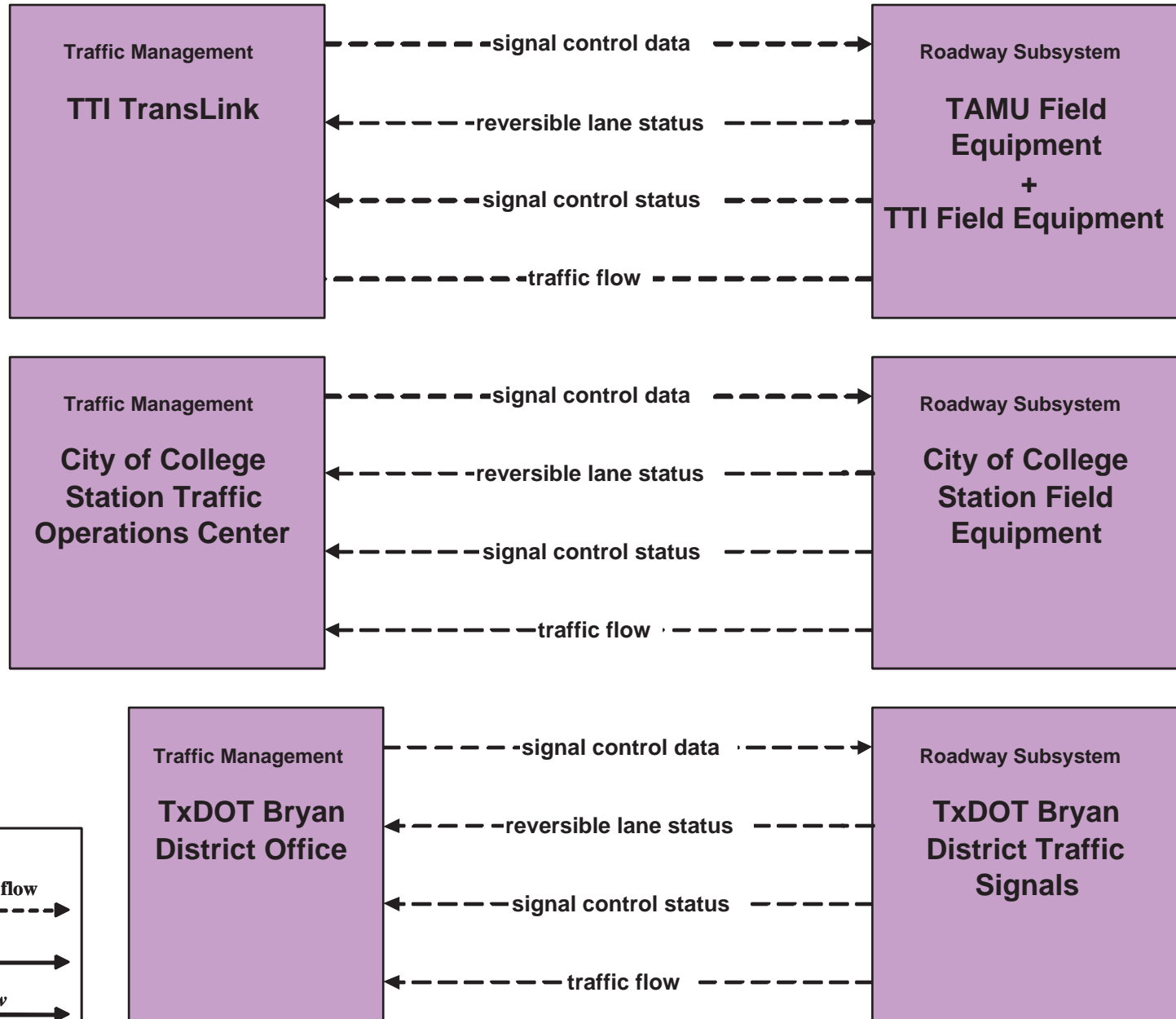


ATMS16 - Parking Facility Management

TAMU Parking Garage Information Dissemination



ATMS18 - Reversible Lane Management



ATMS19 - Speed Monitoring Municipal Speed Indicator Systems

