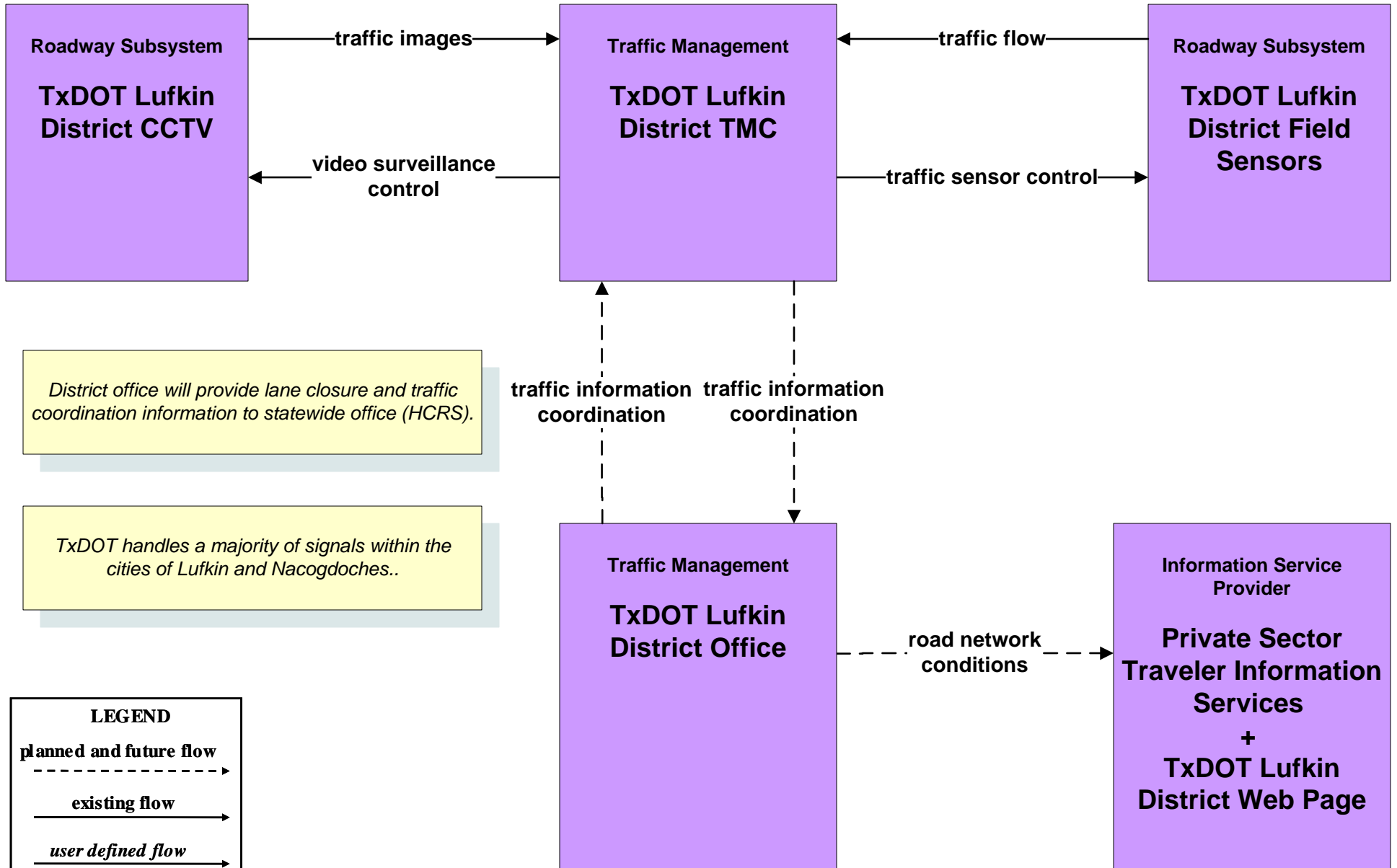


# **Lufkin Regional ITS Architecture**

**Customized Market Package Diagrams**

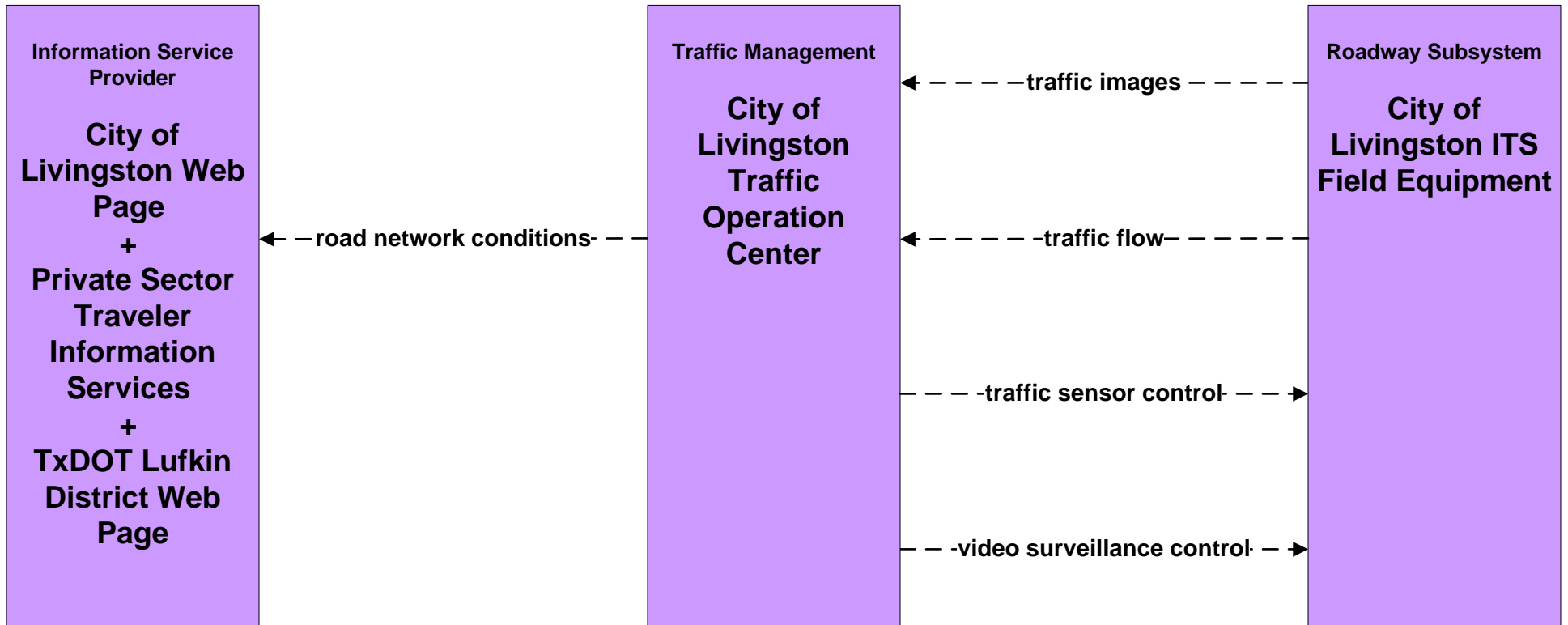
**Advanced Traffic Management Systems  
(ATMS)**

**ATMS01 - Network Surveillance**  
**TxDOT Lufkin District Traffic Management Center**

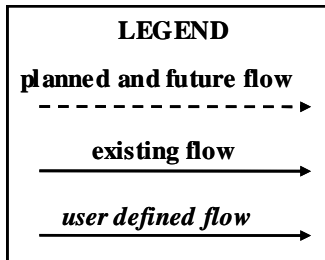


# ATMS01 - Network Surveillance

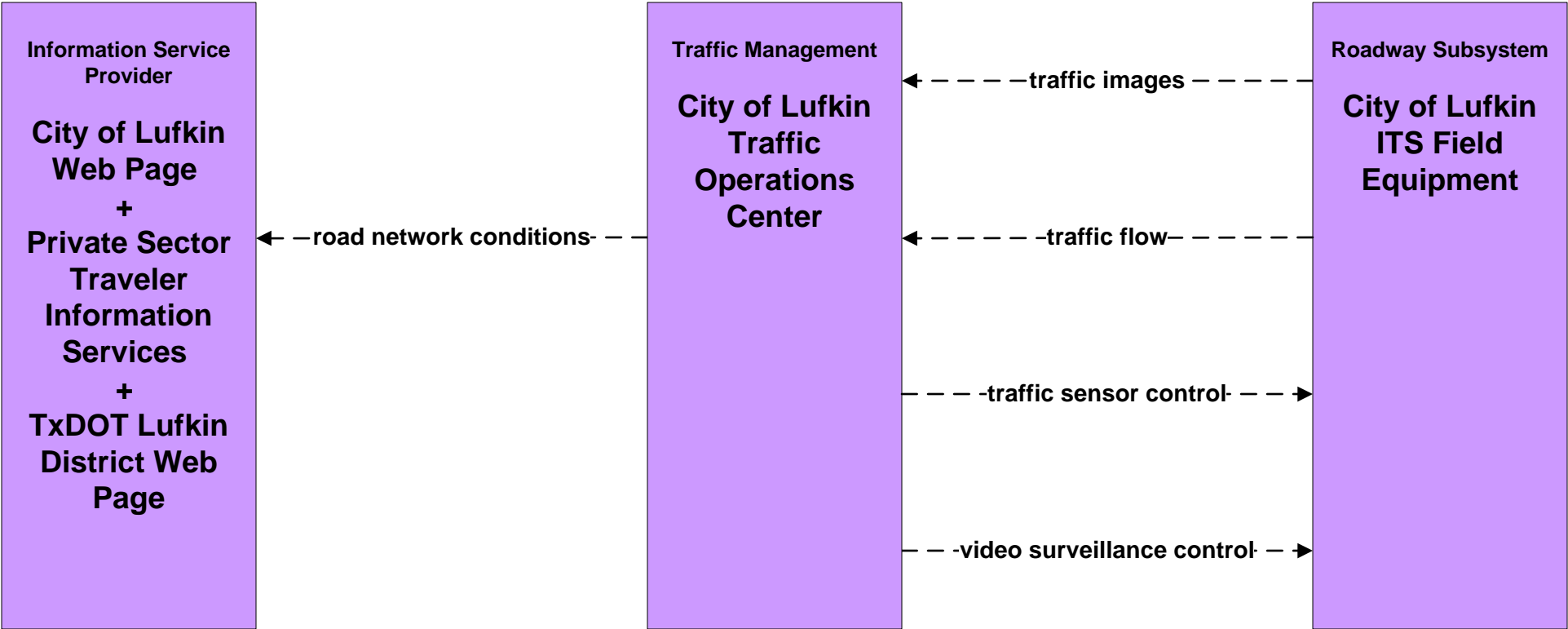
## City of Livingston Traffic Operations Center



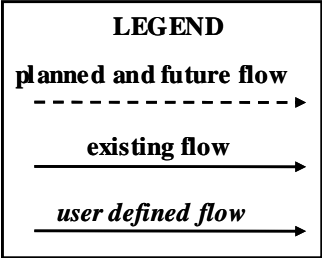
*TxDOT handles a majority of signals within the city.*



**ATMS01 - Network Surveillance  
City of Lufkin Traffic Operations Center**

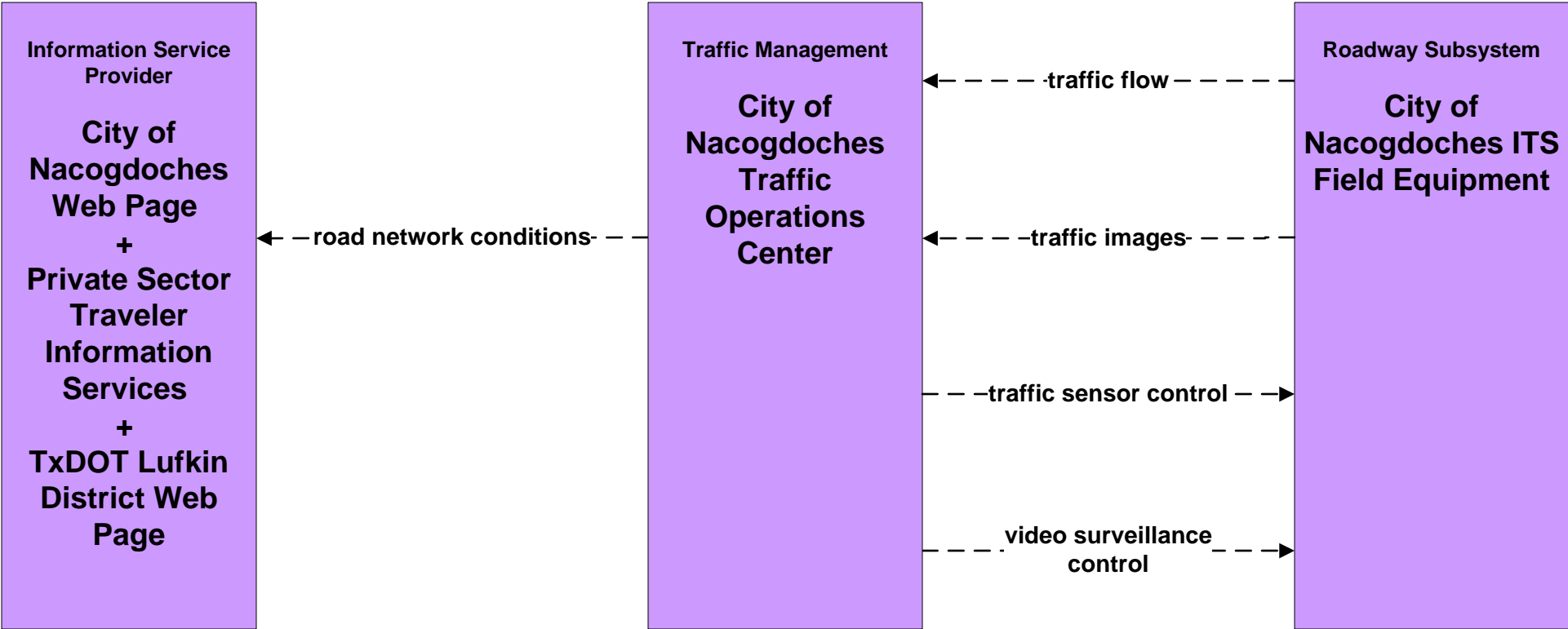


*TxDOT handles a majority of signals within the city.*



# ATMS01 - Network Surveillance

## City of Nacogdoches Traffic Operations Center

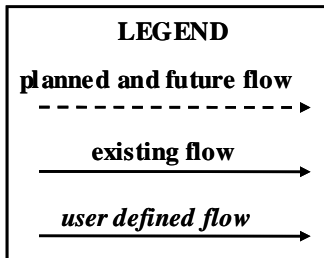
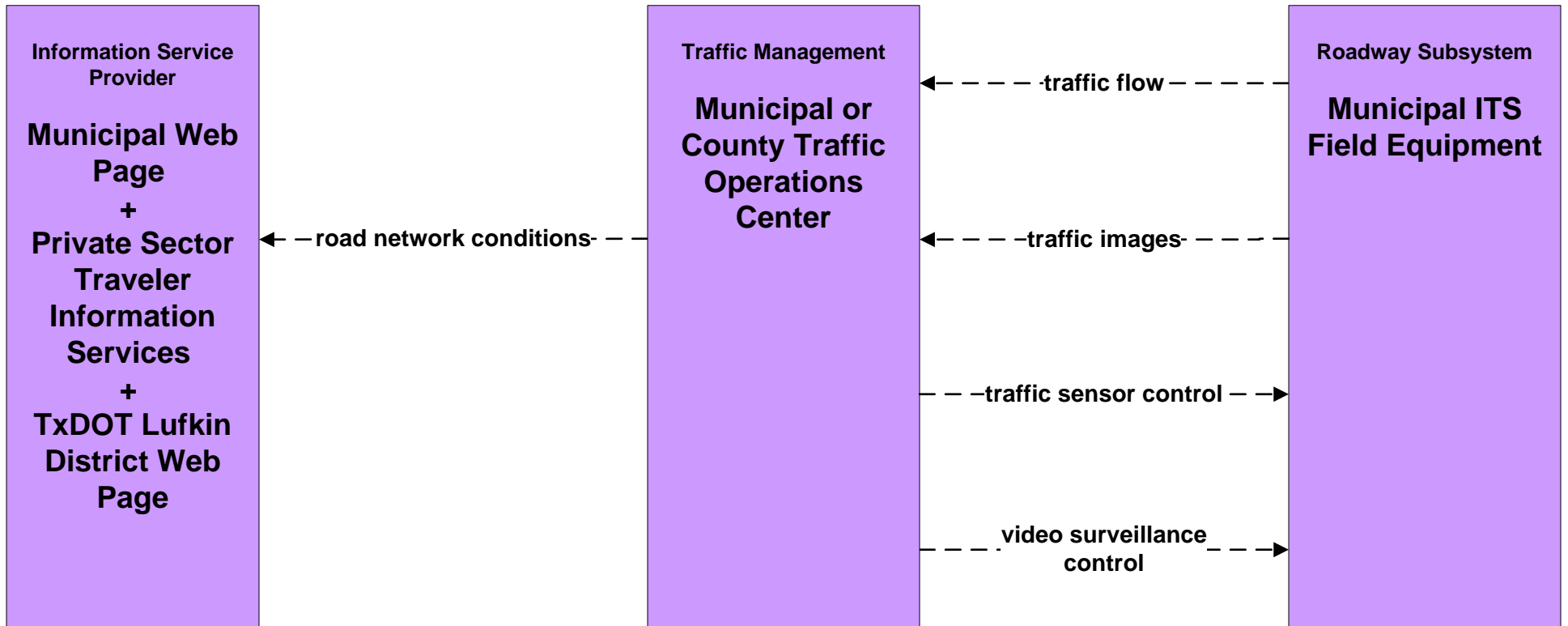


*TxDOT handles a majority of signals within the city.*

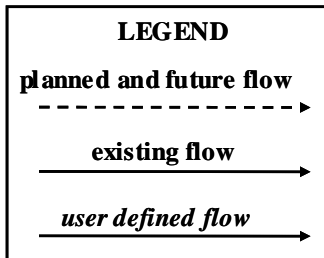
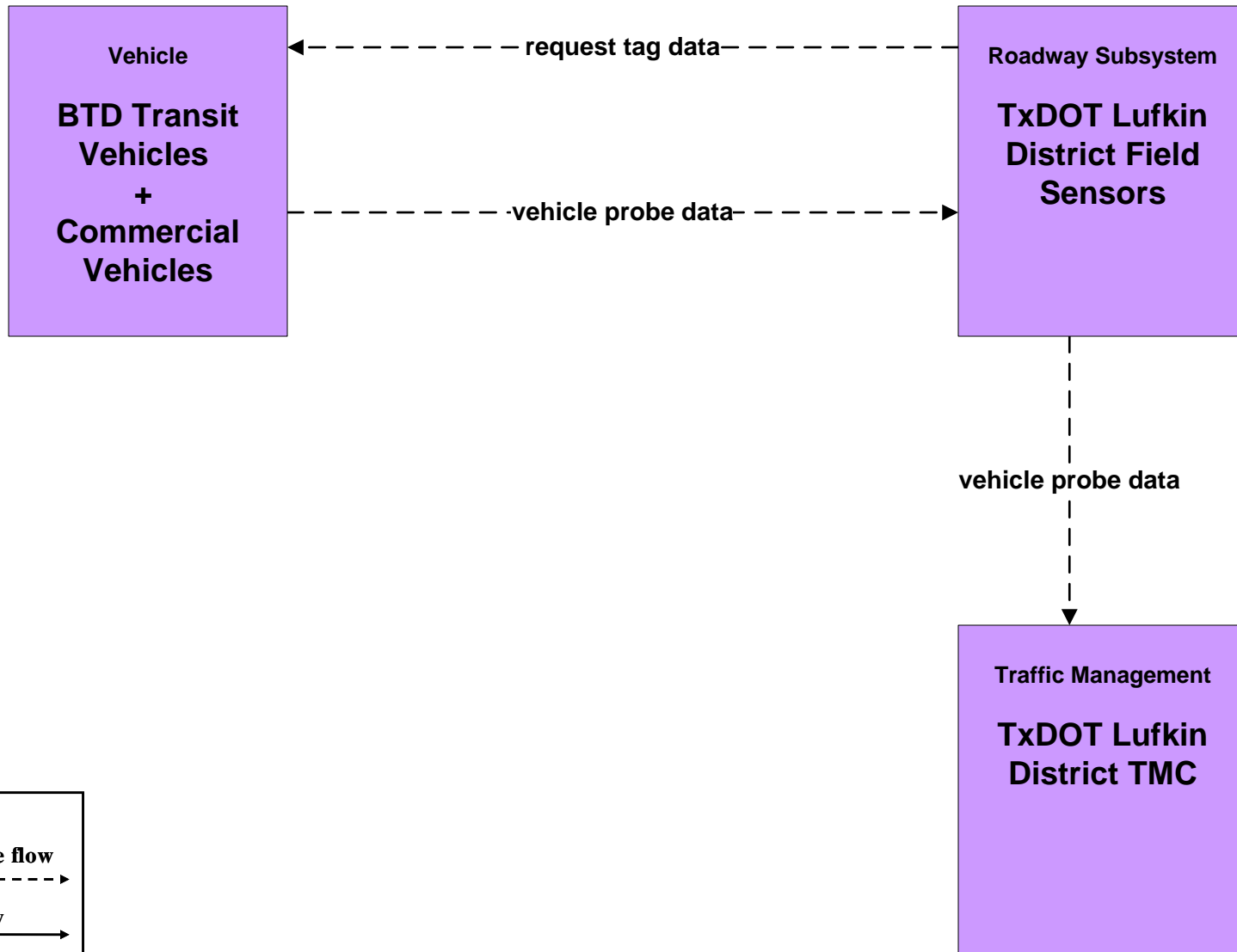
**LEGEND**

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

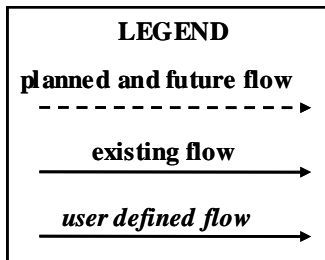
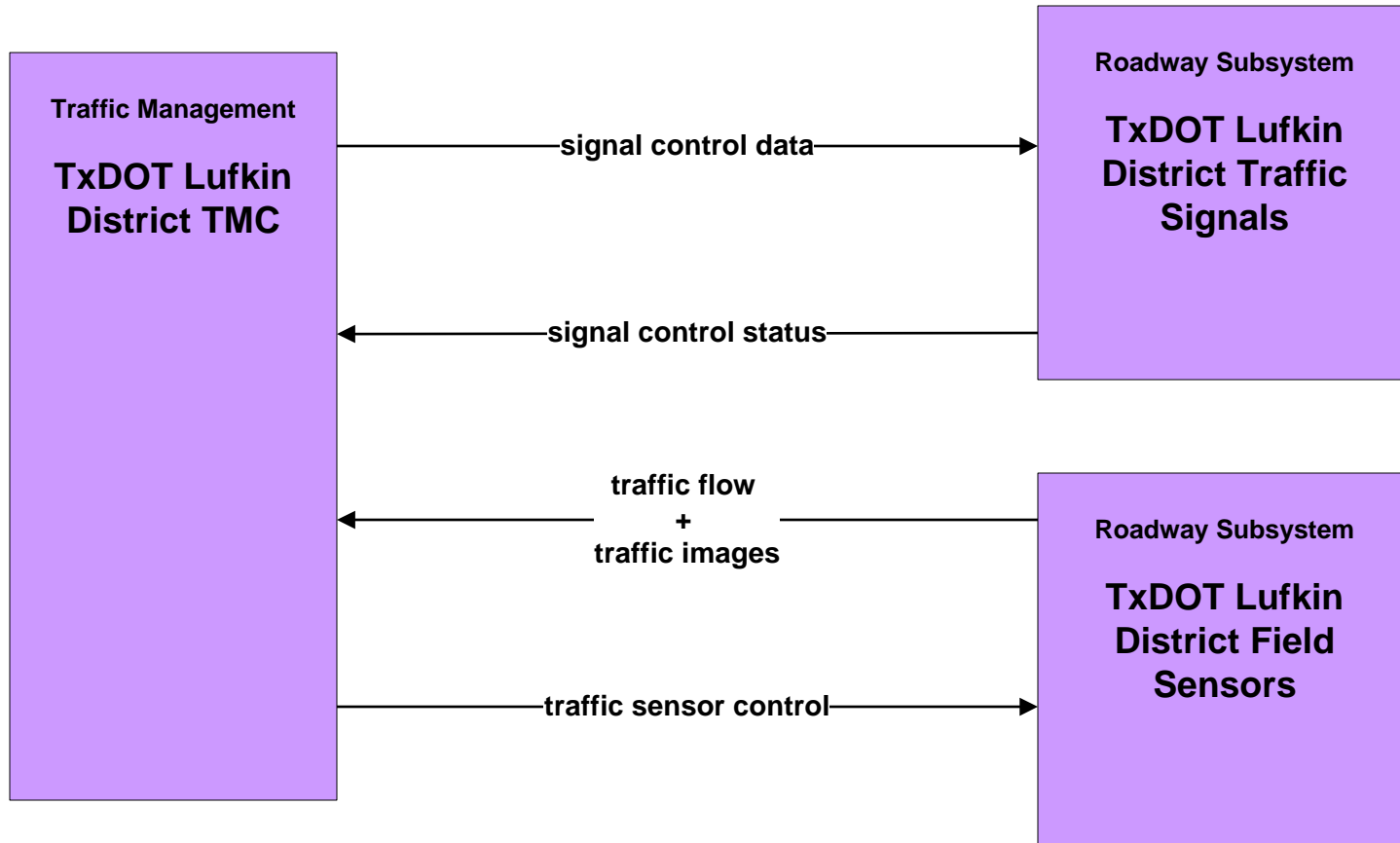
**ATMS01 - Network Surveillance  
Municipal Traffic Operations Center**



**ATMS02 - Probe Surveillance**  
**TxDOT Lufkin District Traffic Management Center**

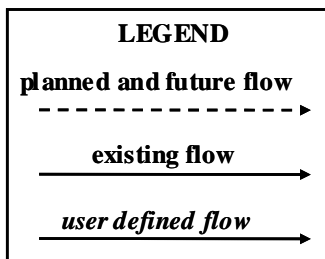
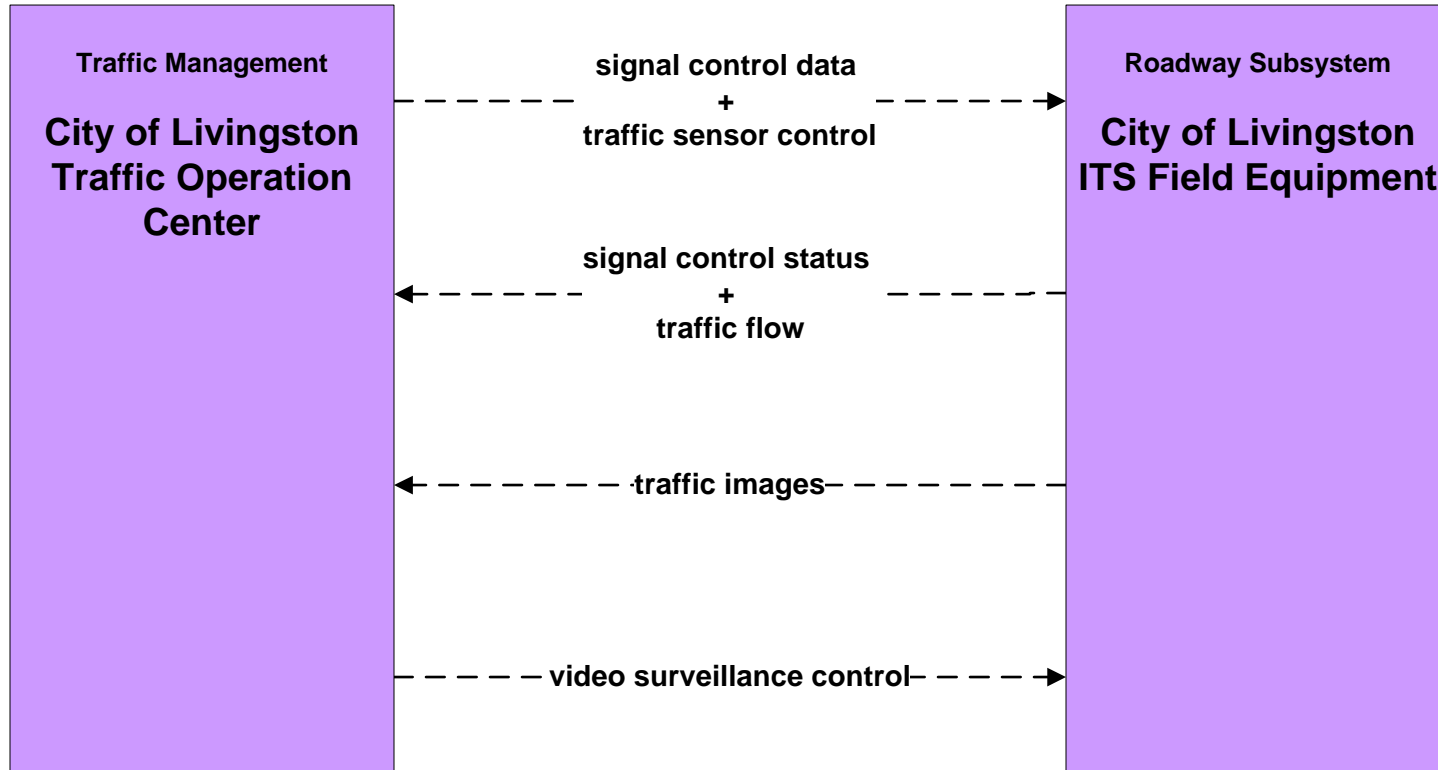


**ATMS03 - Surface Street Control**  
**TxDOT Lufkin District Traffic Management Center**

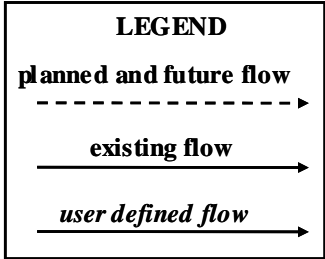
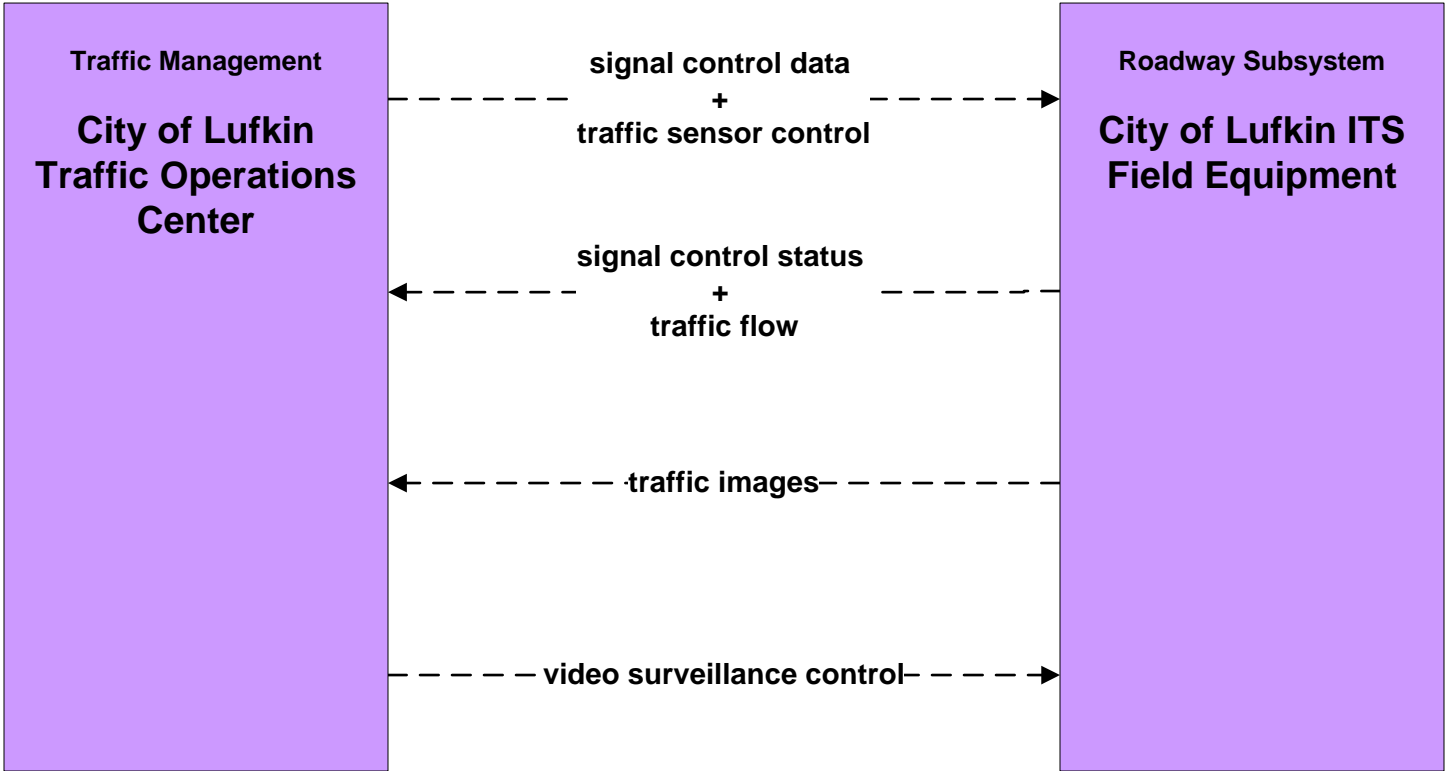




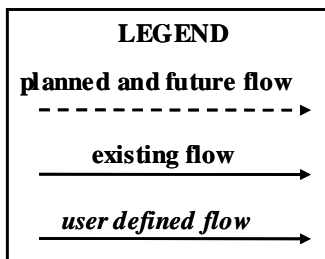
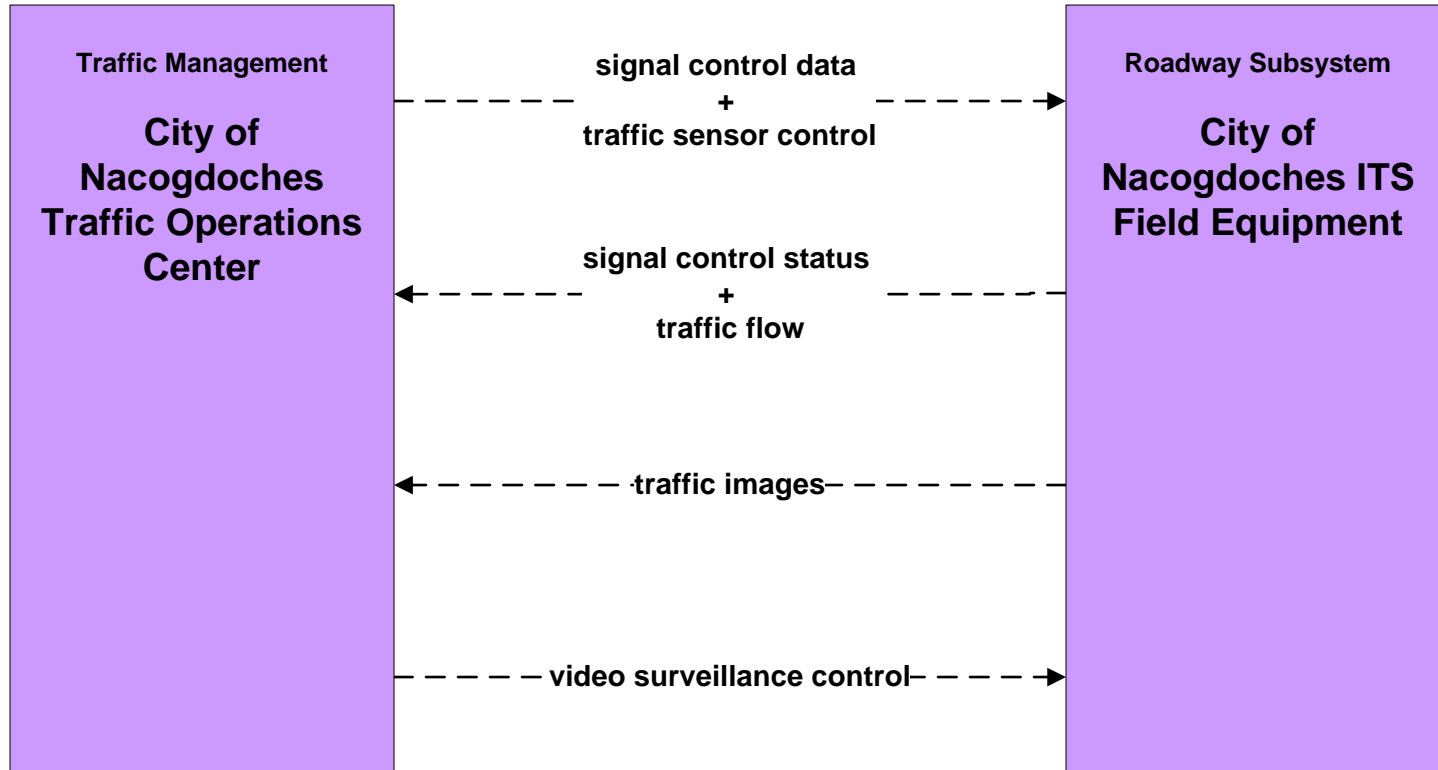
**ATMS03 - Surface Street Control**  
**City of Livingston Traffic Operations Center**



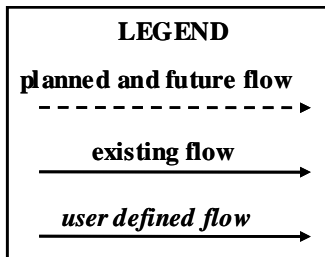
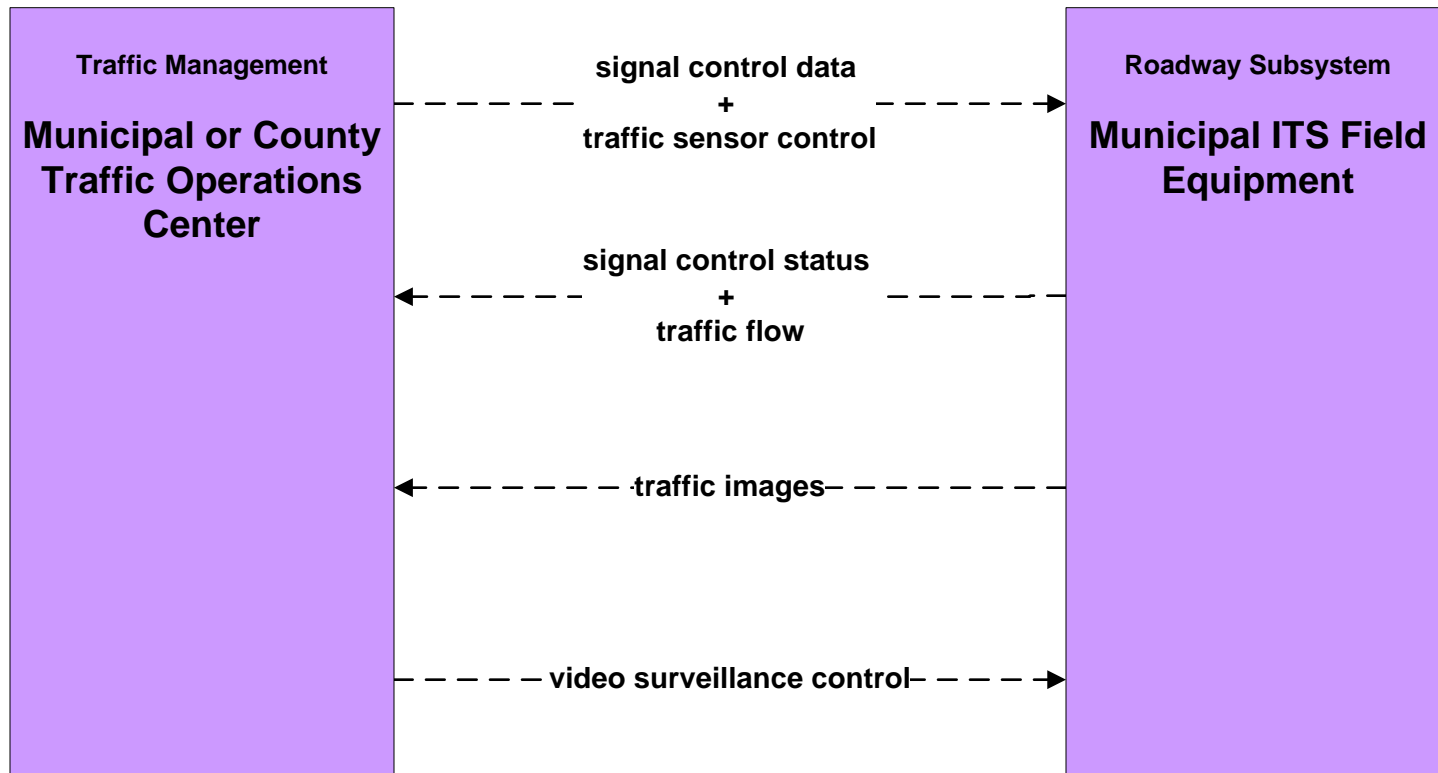
**ATMS03 - Surface Street Control  
City of Lufkin Traffic Operations Center**



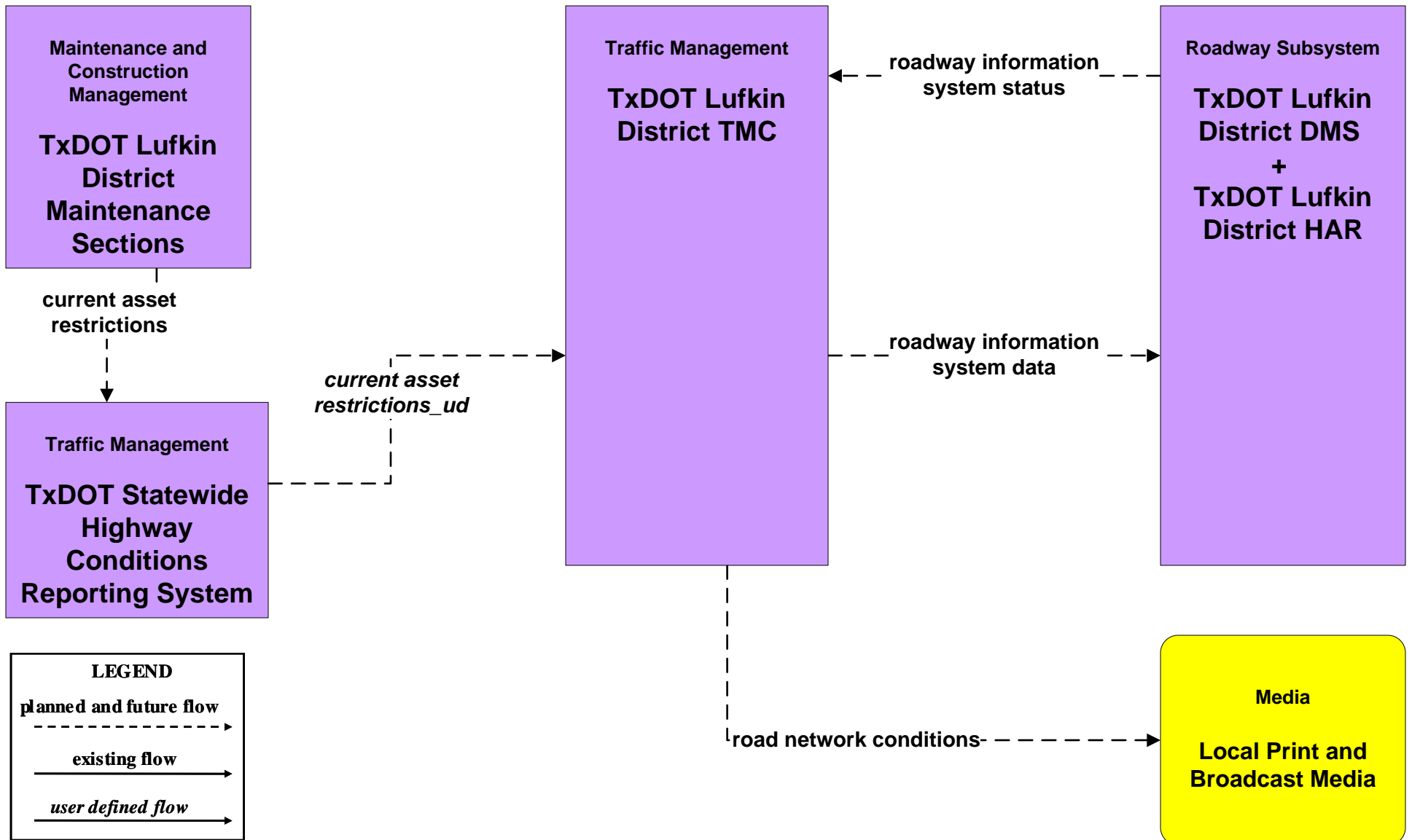
**ATMS03 - Surface Street Control**  
**City of Nacogdoches Traffic Operations Center**



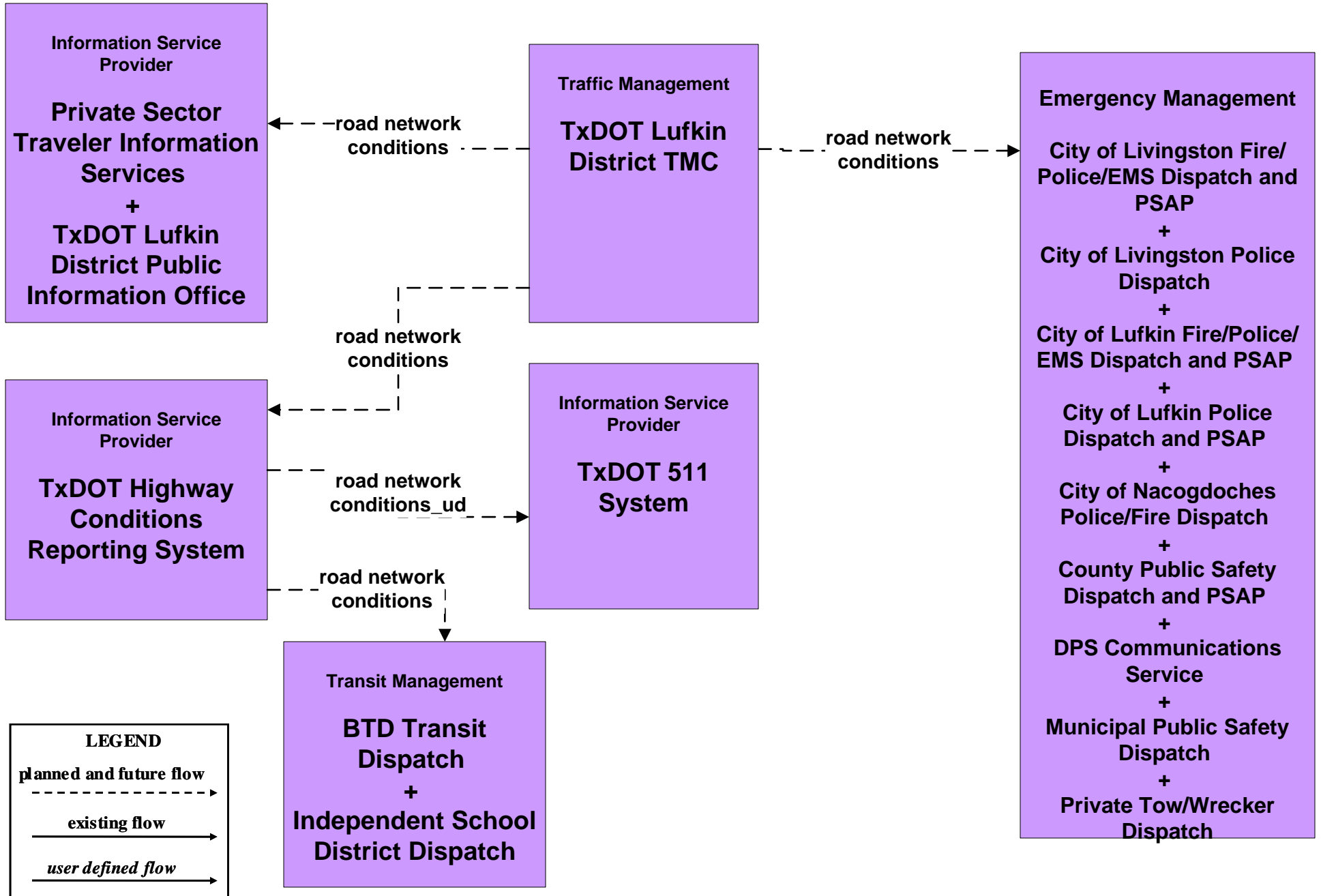
**ATMS03 - Surface Street Control  
Municipal Traffic Operations Center**



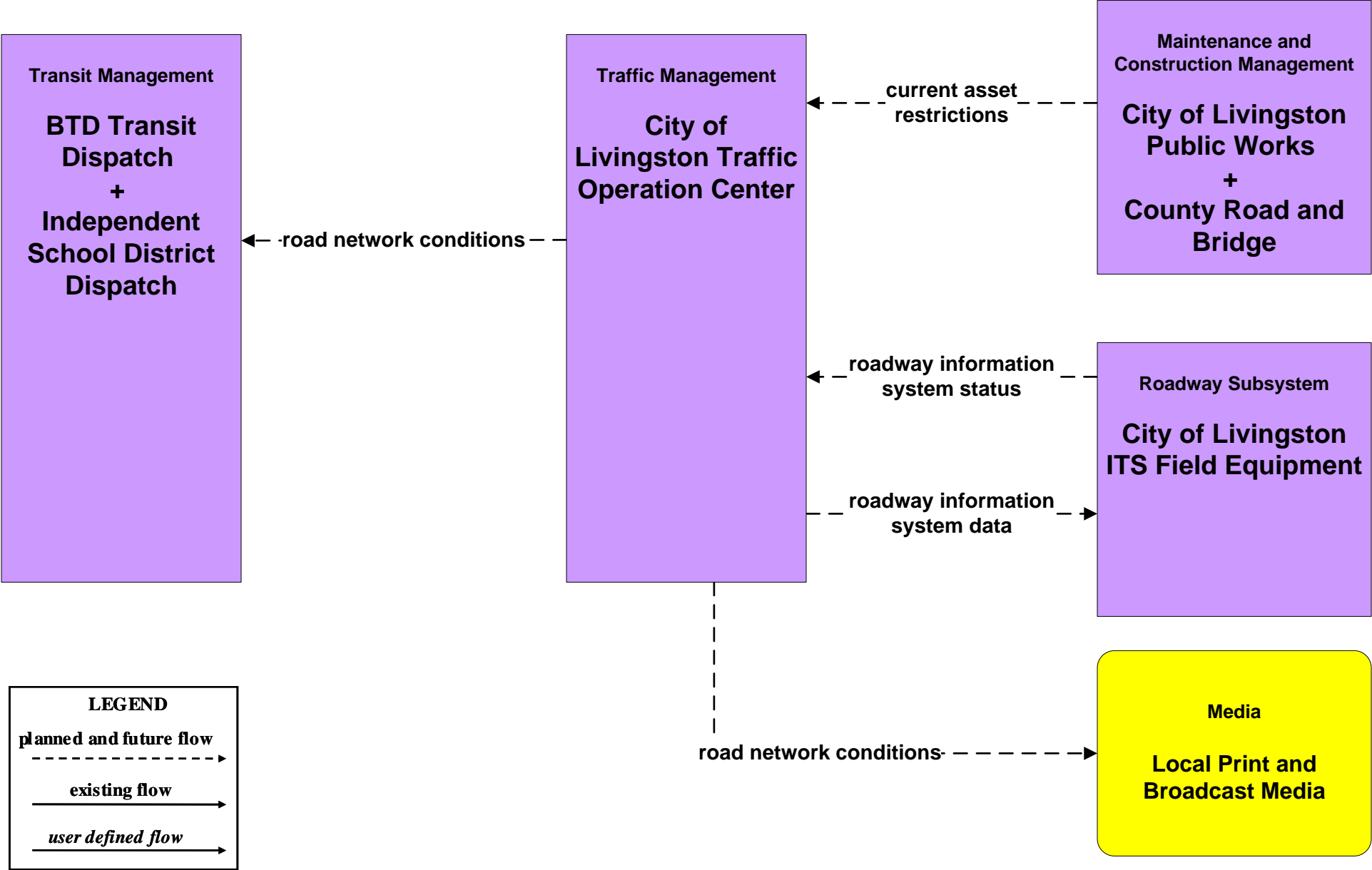
**ATMS06 - Traffic Information Dissemination  
TxDOT Lufkin District Traffic Management Center**



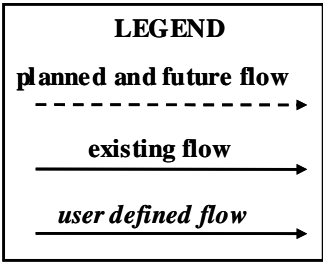
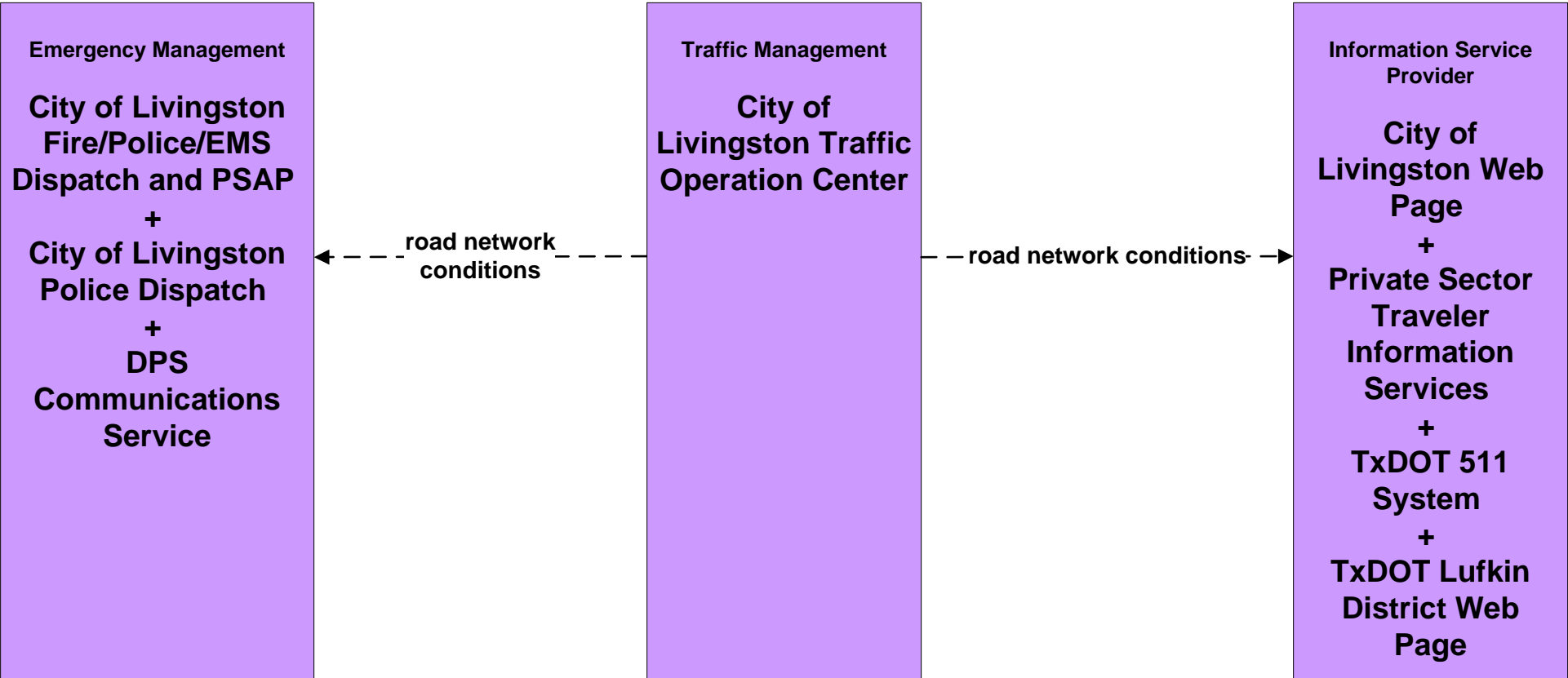
**ATMS06 - Traffic Information Dissemination  
 TxDOT Lufkin Traffic Management Center (TM to EM / ISP)**



**ATMS06 - Traffic Information Dissemination  
 City of Livingston Traffic Operations Center (1 of 2)**

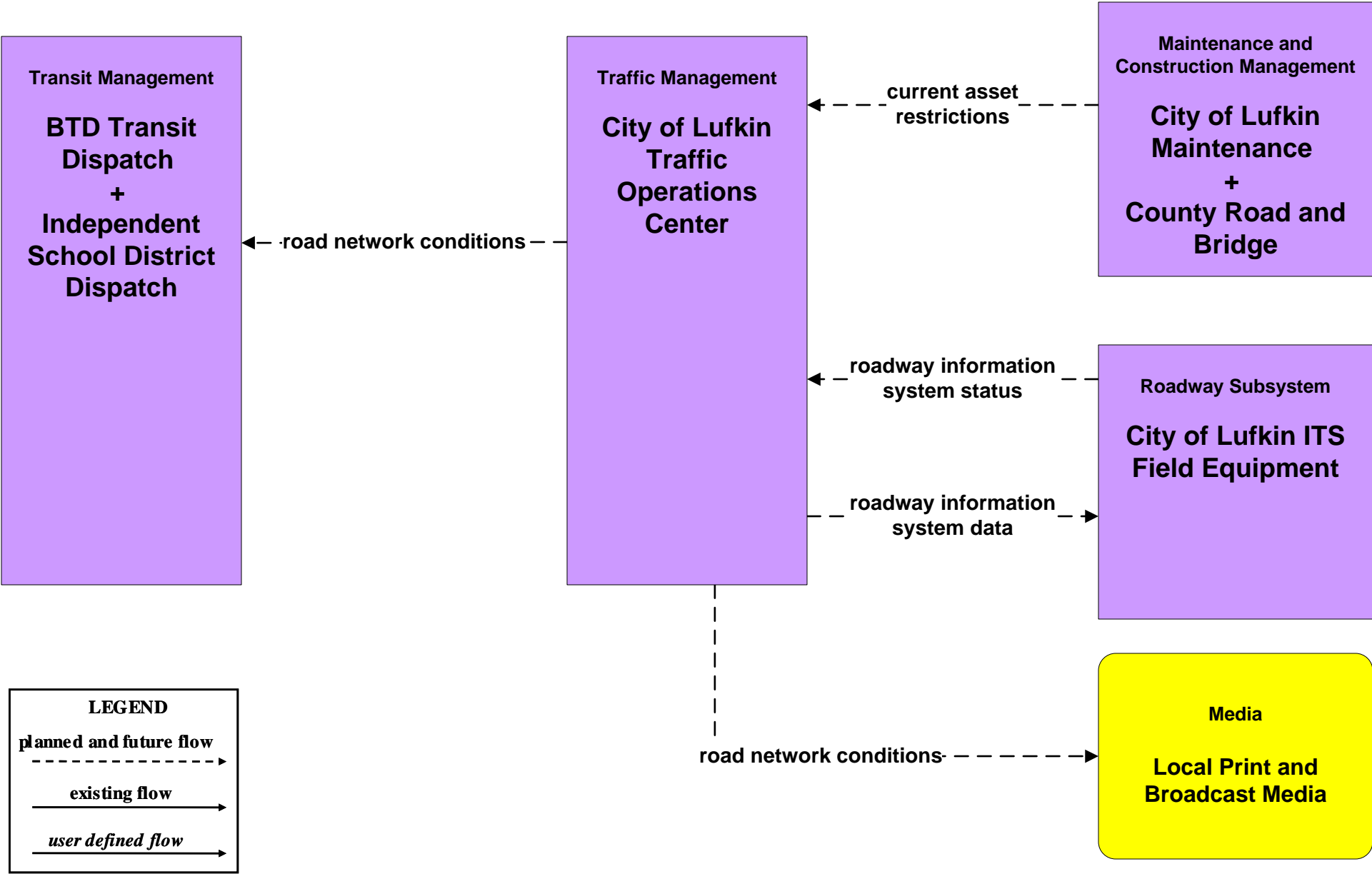


**ATMS06 - Traffic Information Dissemination  
City of Livingston Traffic Operations Center (2 of 2)**

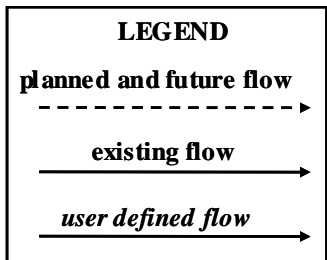
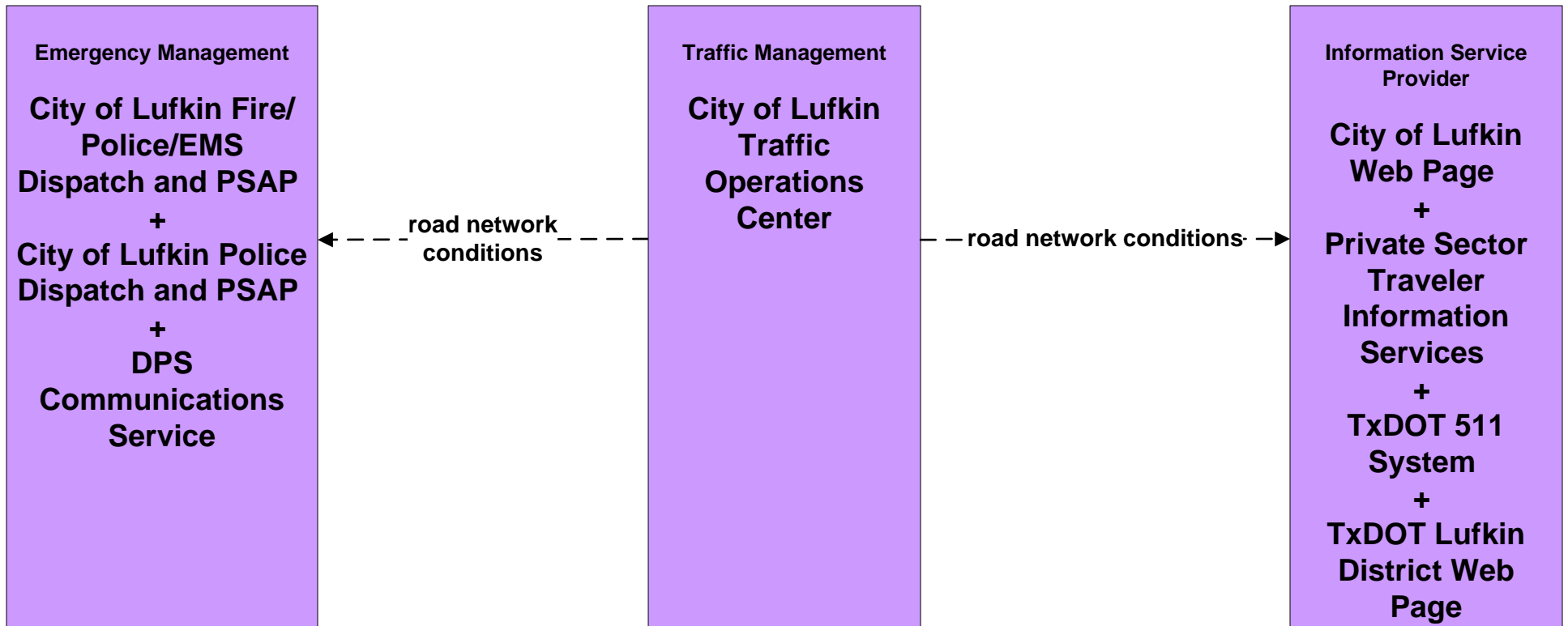




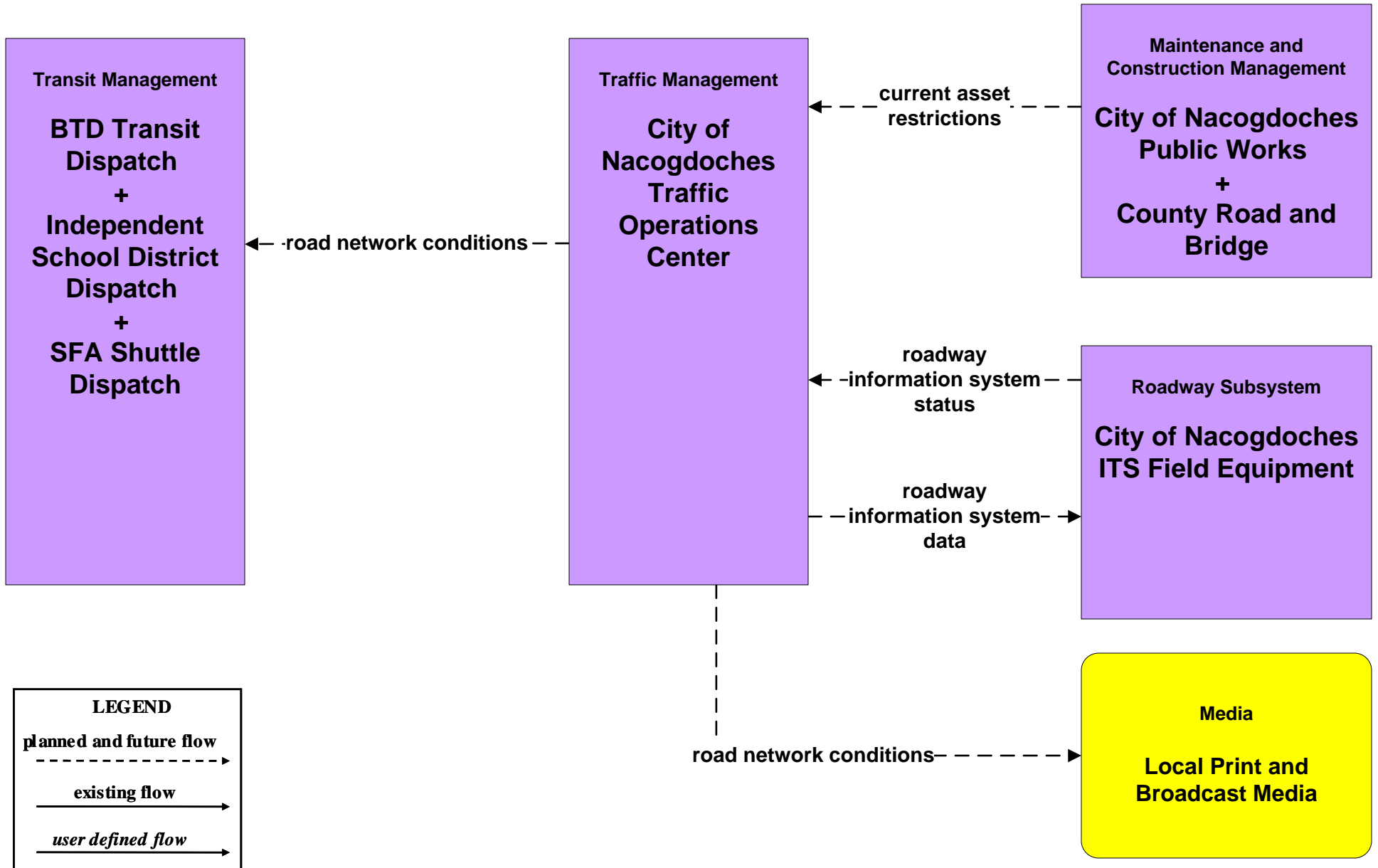
**ATMS06 - Traffic Information Dissemination  
City of Lufkin Traffic Operations Center (1 of 2)**



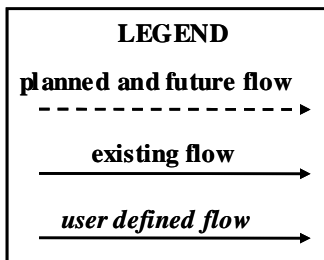
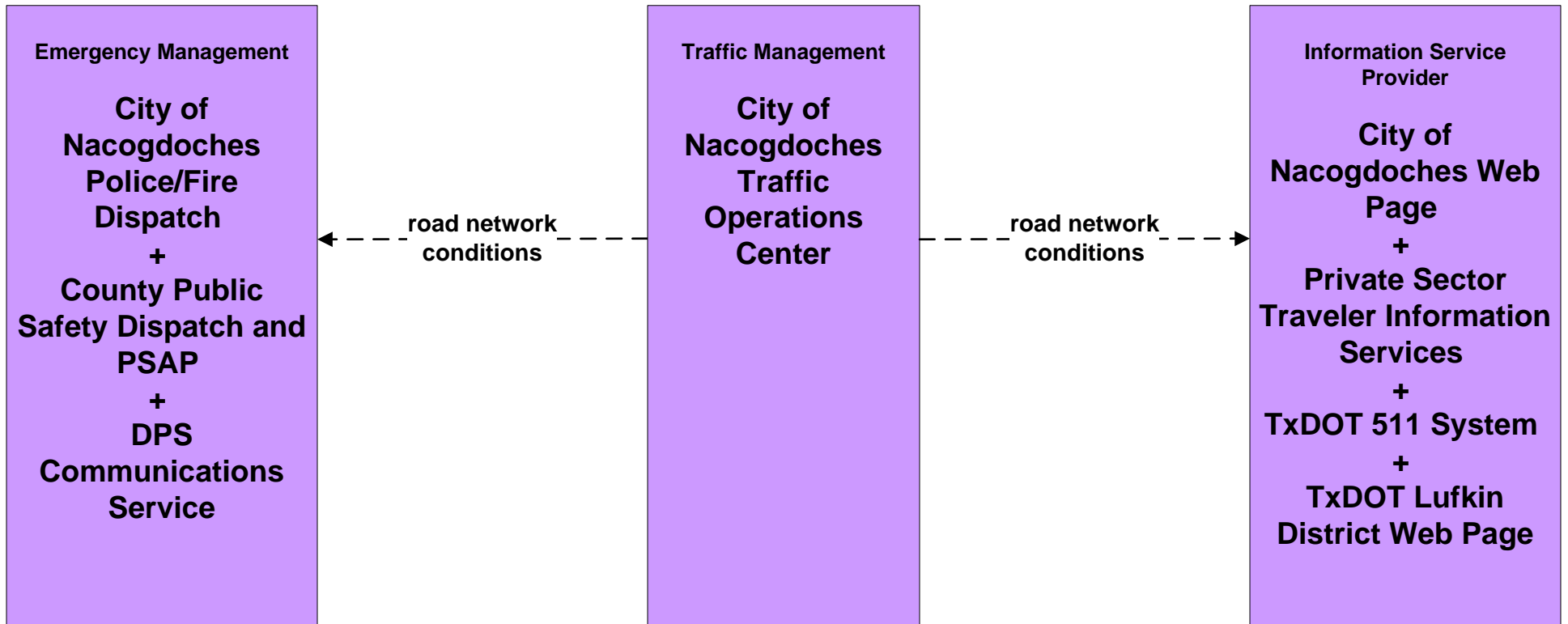
**ATMS06 - Traffic Information Dissemination  
City of Lufkin Traffic Operations Center (2 of 2)**



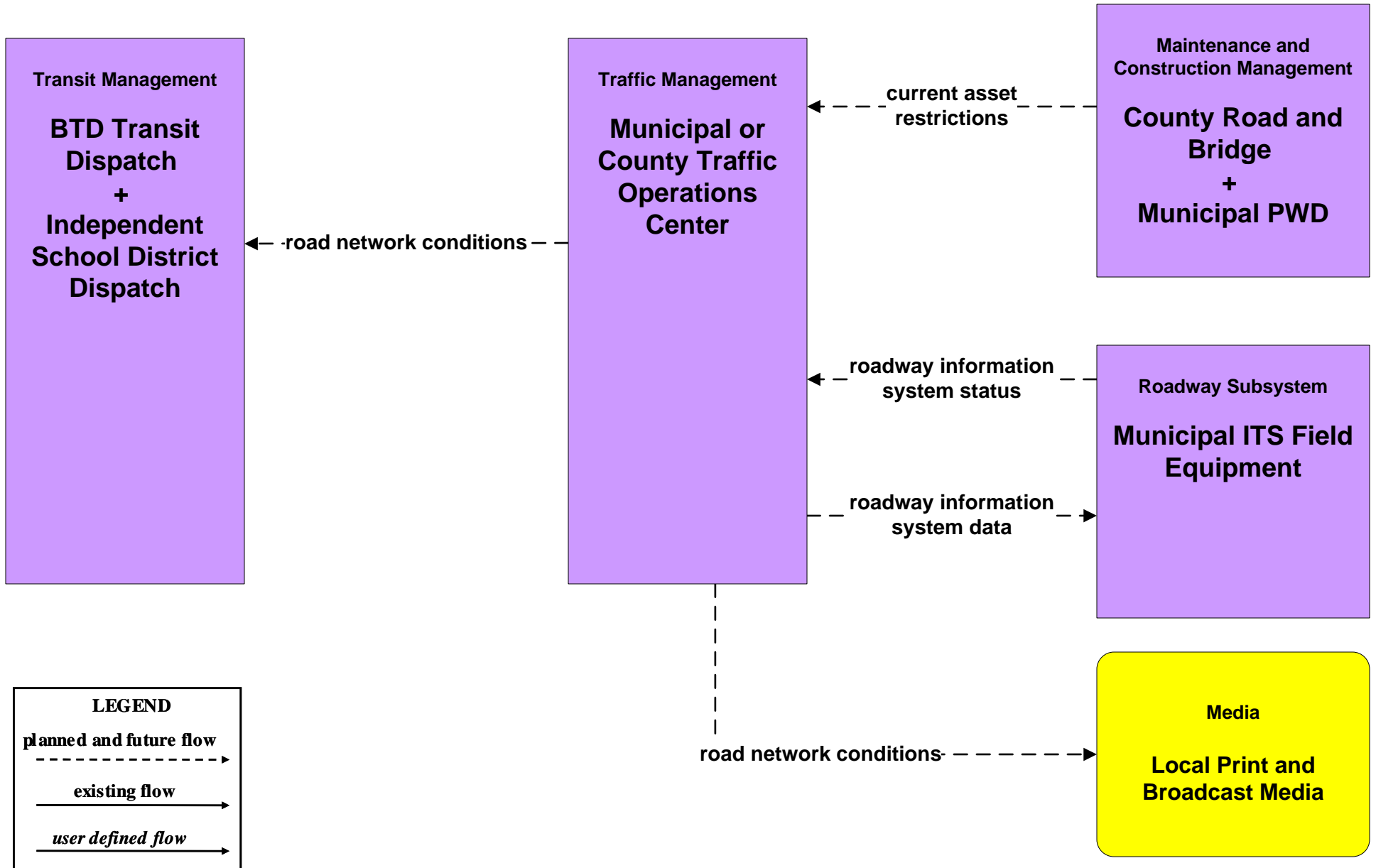
**ATMS06 - Traffic Information Dissemination**  
**City of Nacogdoches Traffic Operations Center (1 of 2)**



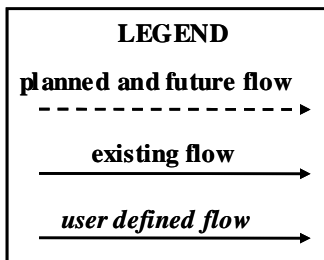
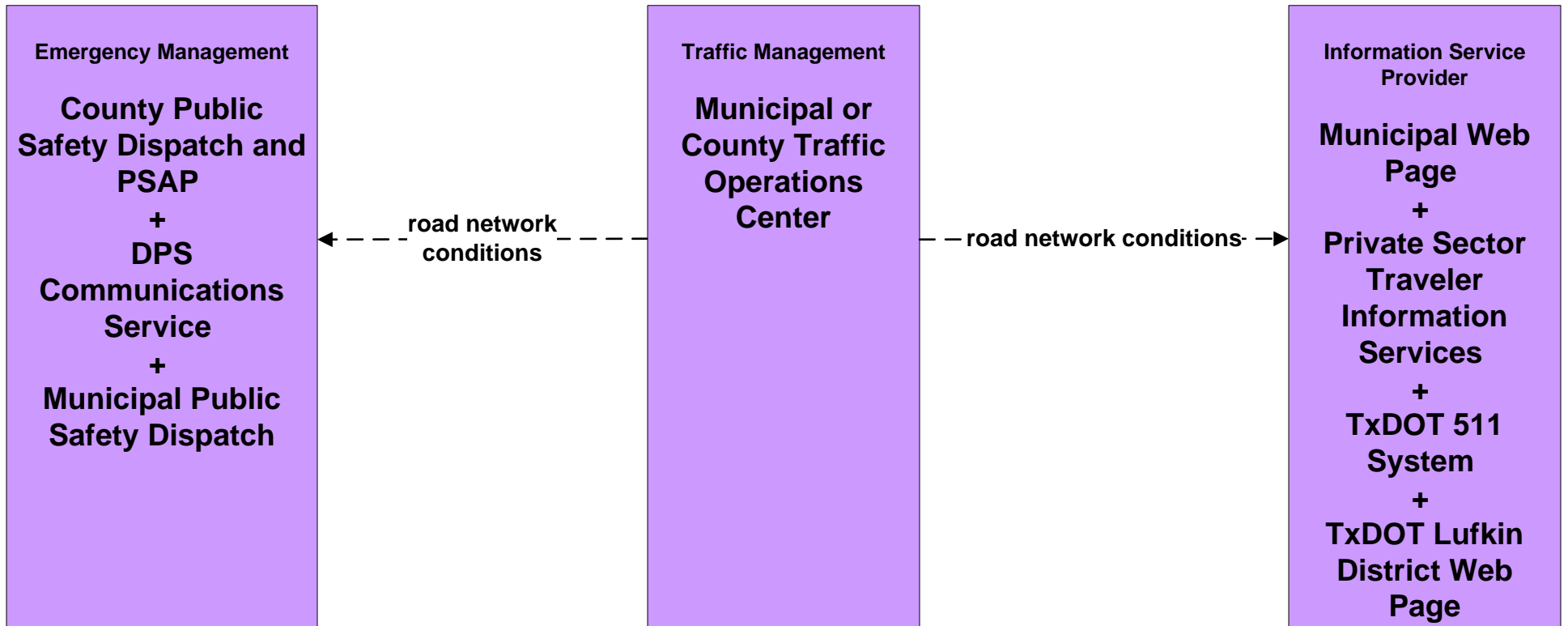
**ATMS06 - Traffic Information Dissemination**  
**City of Nacogdoches Traffic Operations Center (2 of 2)**



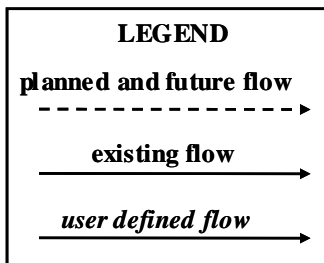
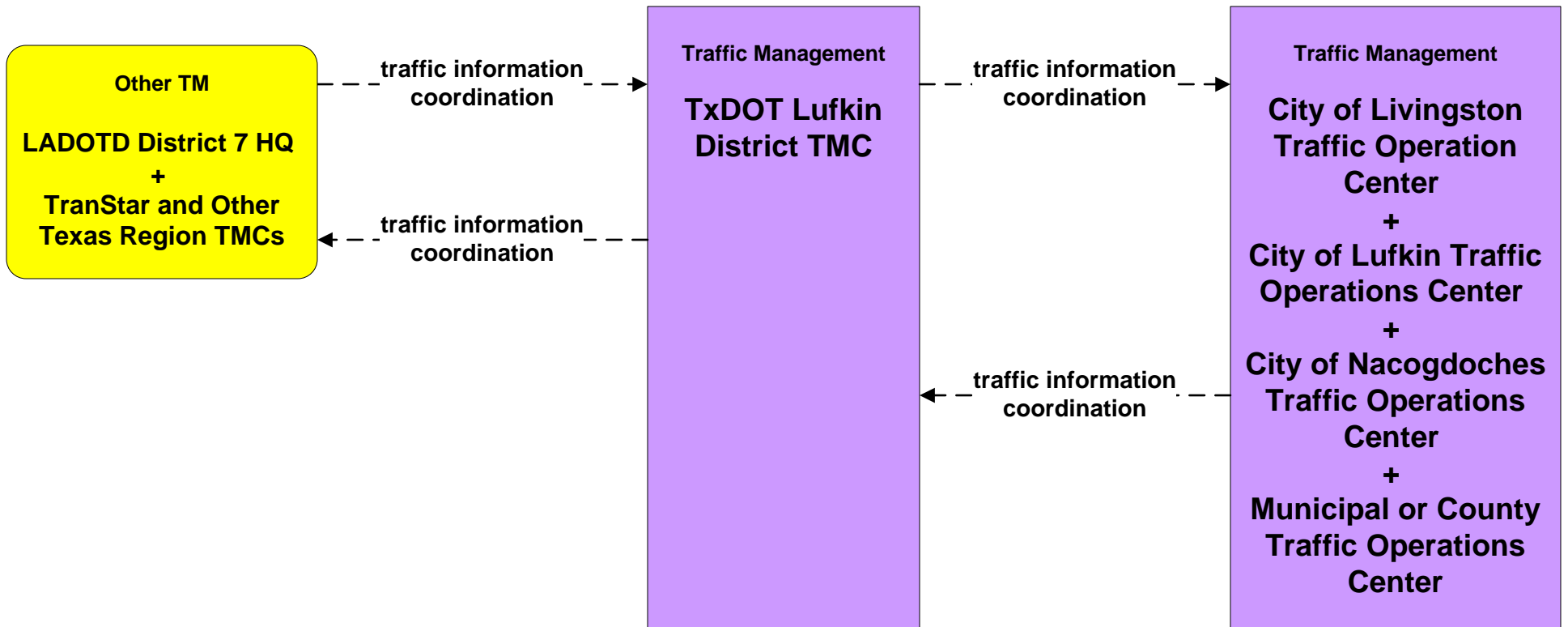
**ATMS06 - Traffic Information Dissemination  
Municipal Traffic Operations Center (1 of 2)**



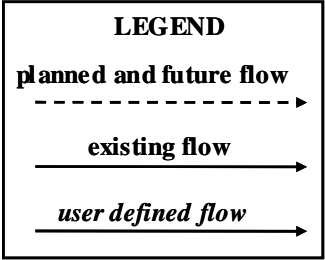
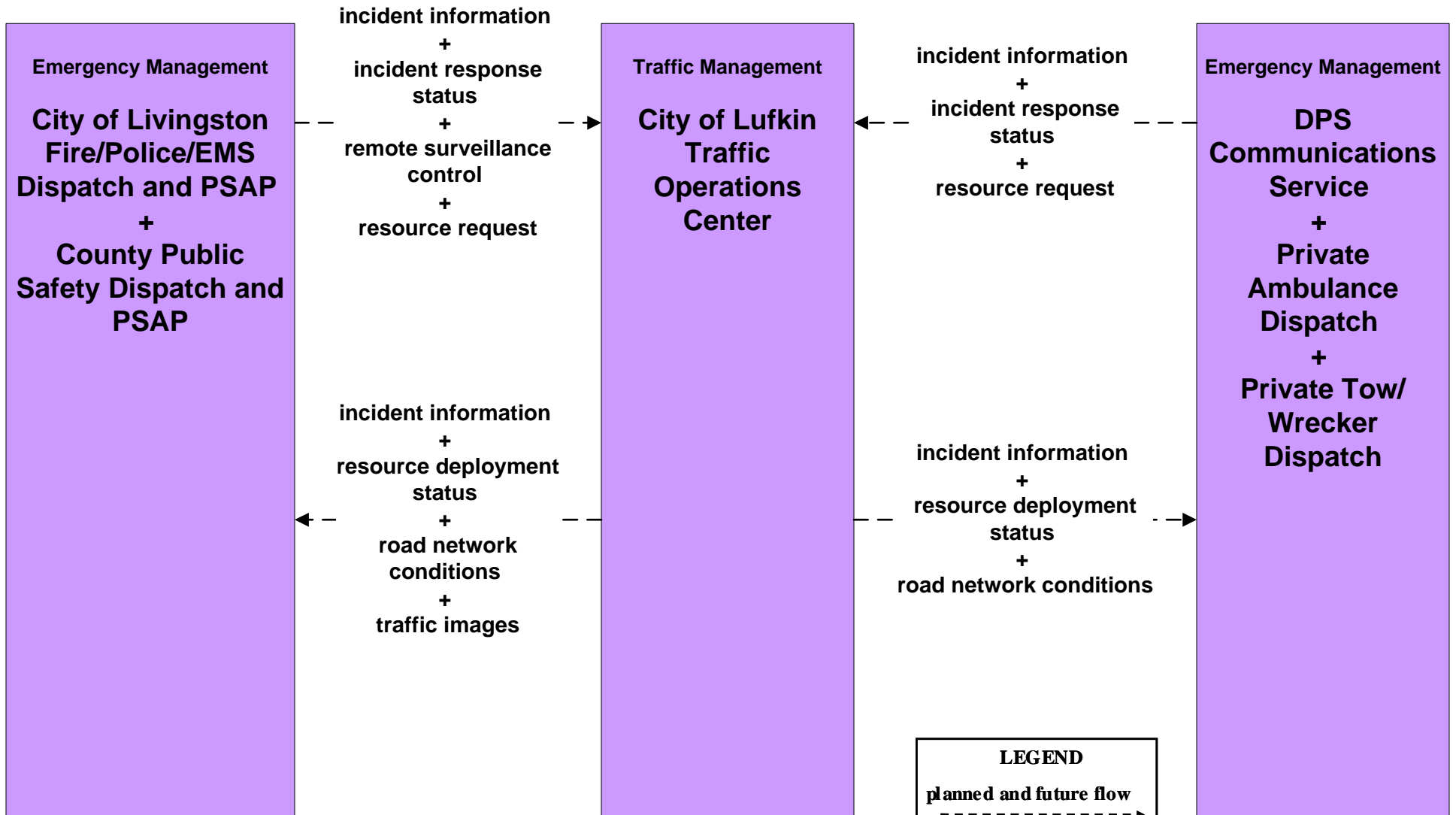
**ATMS06 - Traffic Information Dissemination  
Municipal Traffic Operations Center (2 of 2)**



# ATMS07 - Regional Traffic Control

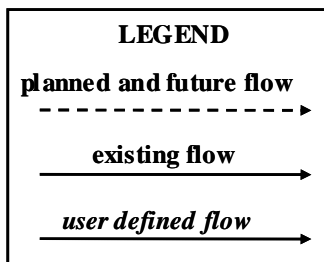
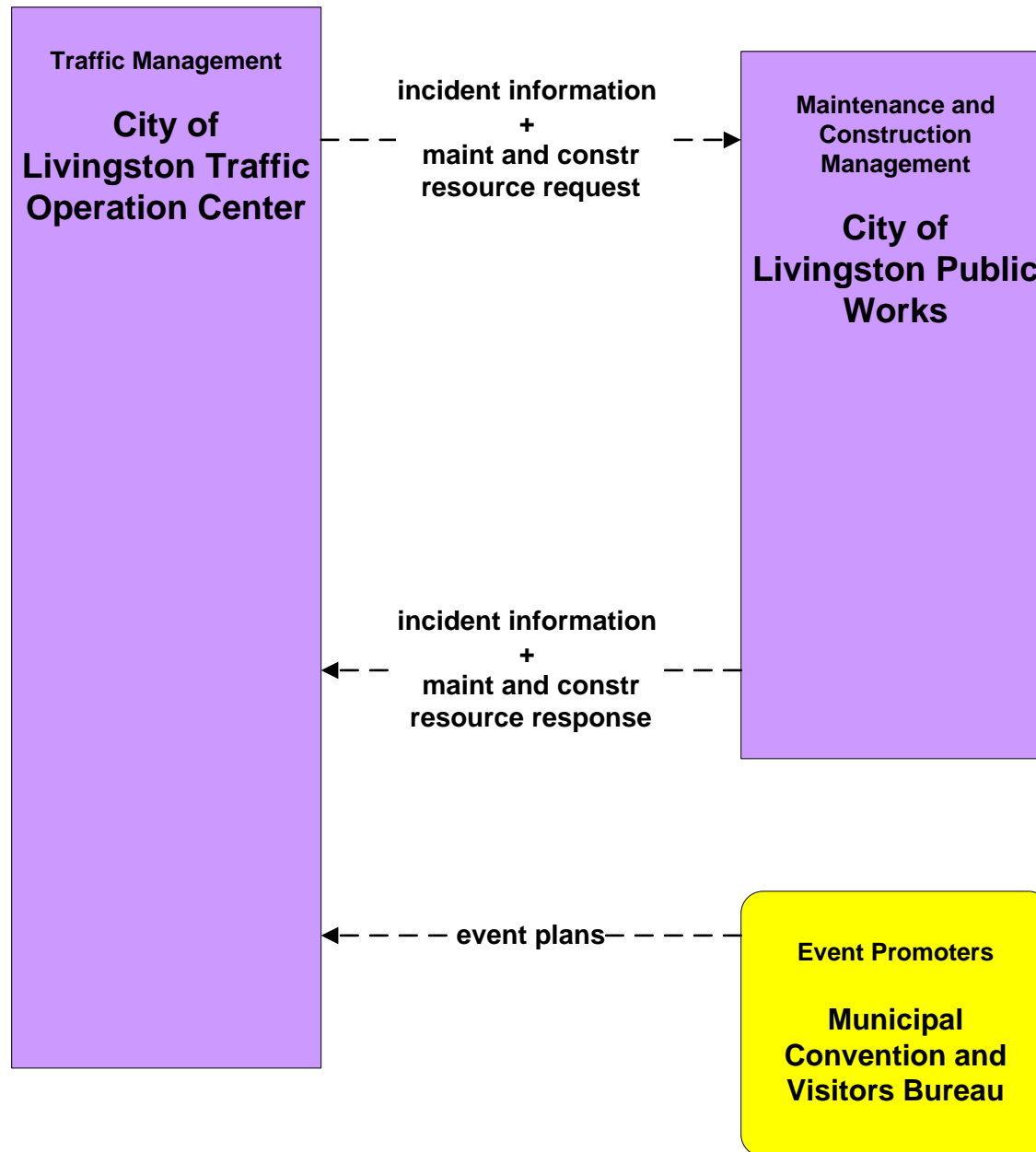


**ATMS08 - Incident Management**  
**City of Livingston Traffic Operations Center (TM to EM)**

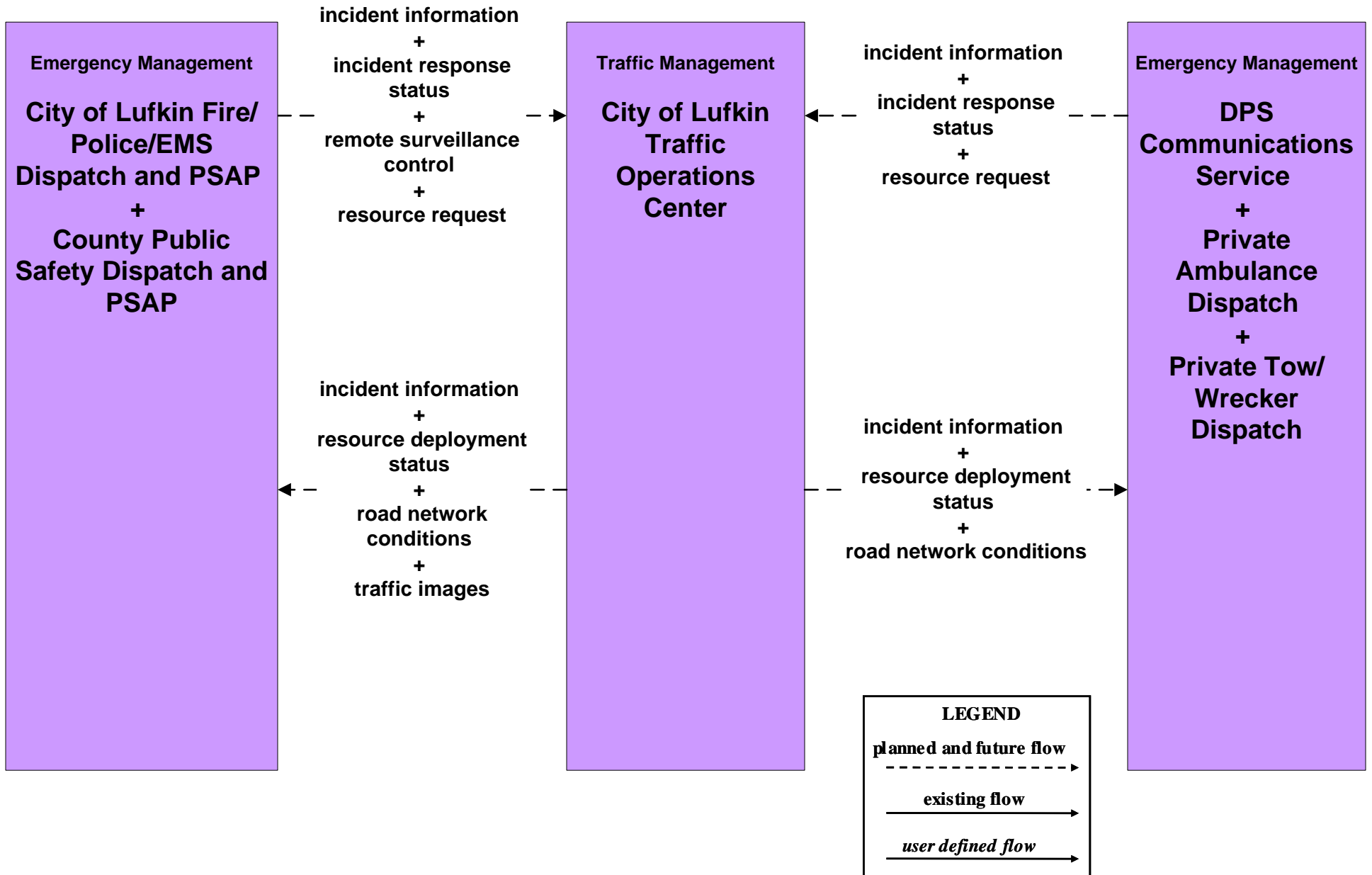




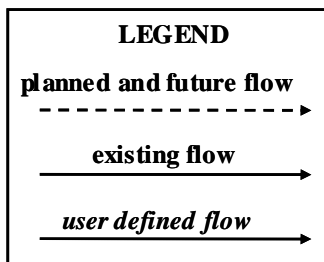
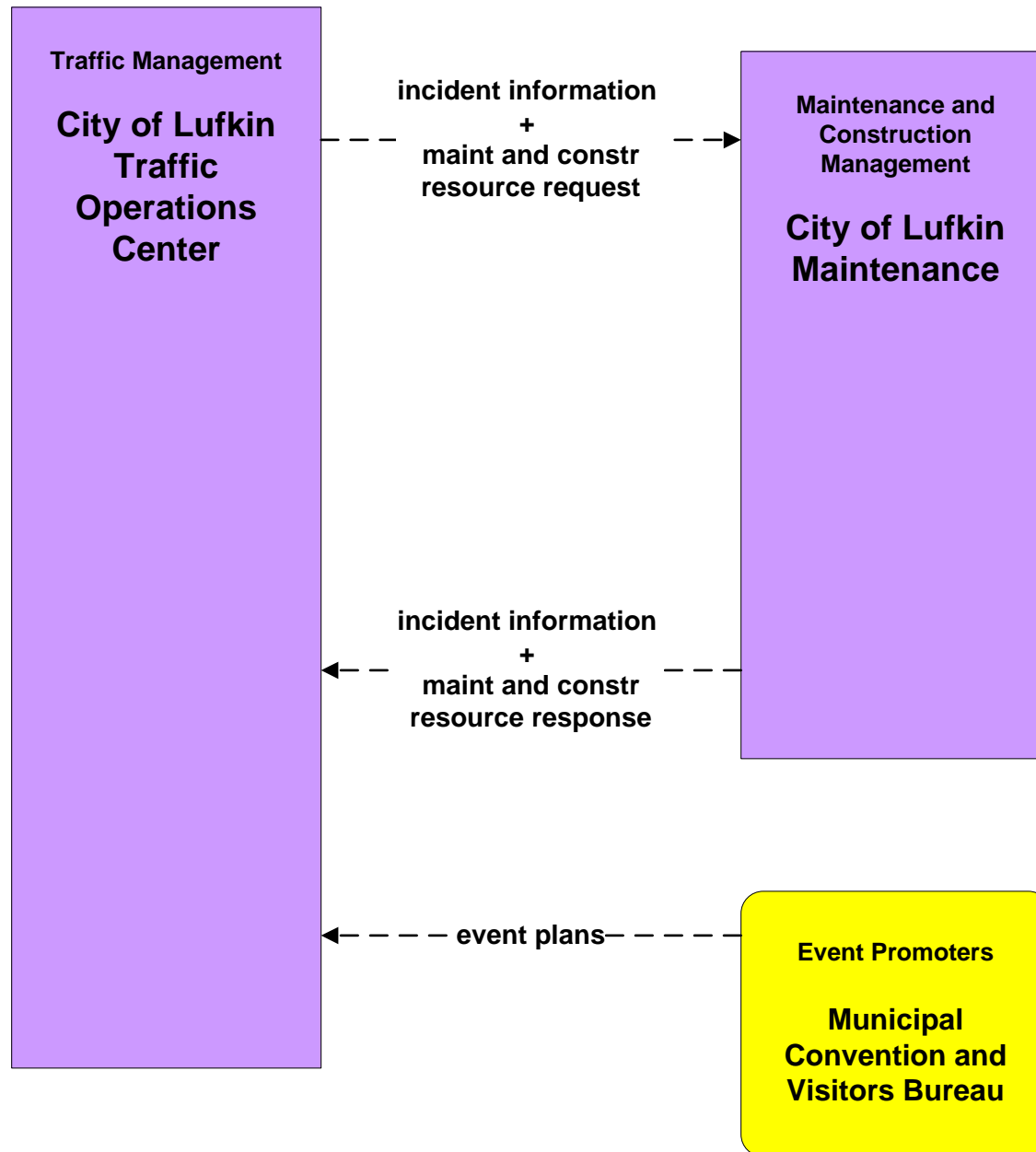
**ATMS08 - Incident Management**  
**City of Livingston Traffic Operations Center (TM to MCM)**



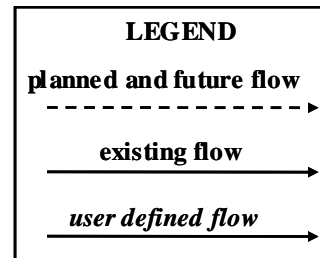
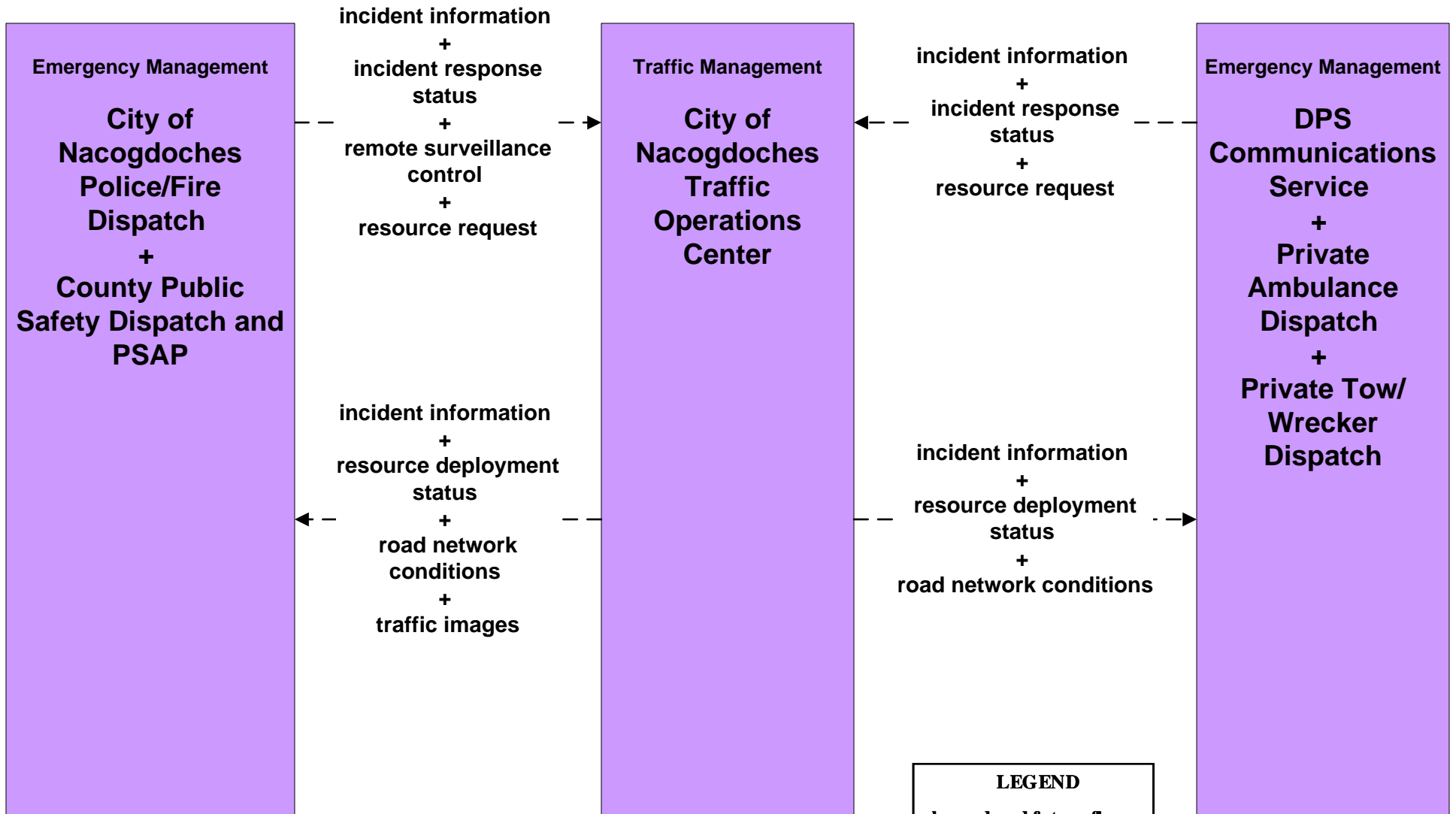
**ATMS08 - Incident Management  
City of Lufkin Traffic Operations Center (TM to EM)**



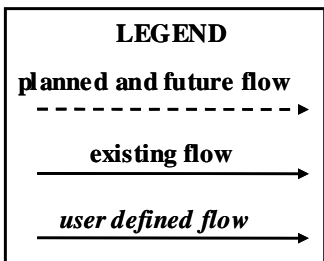
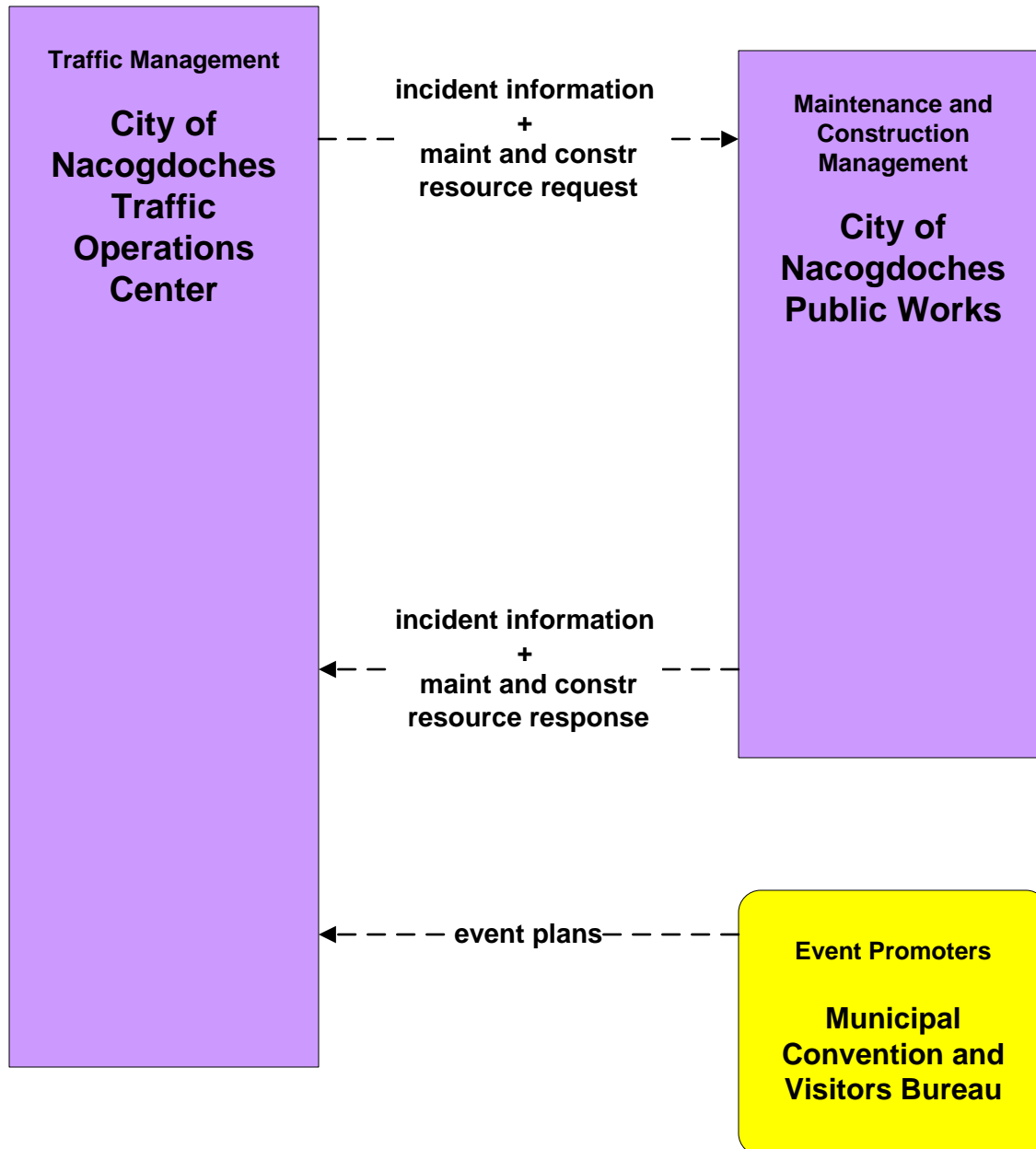
**ATMS08 - Incident Management**  
**City of Lufkin Traffic Operations Center (TM to MCM)**



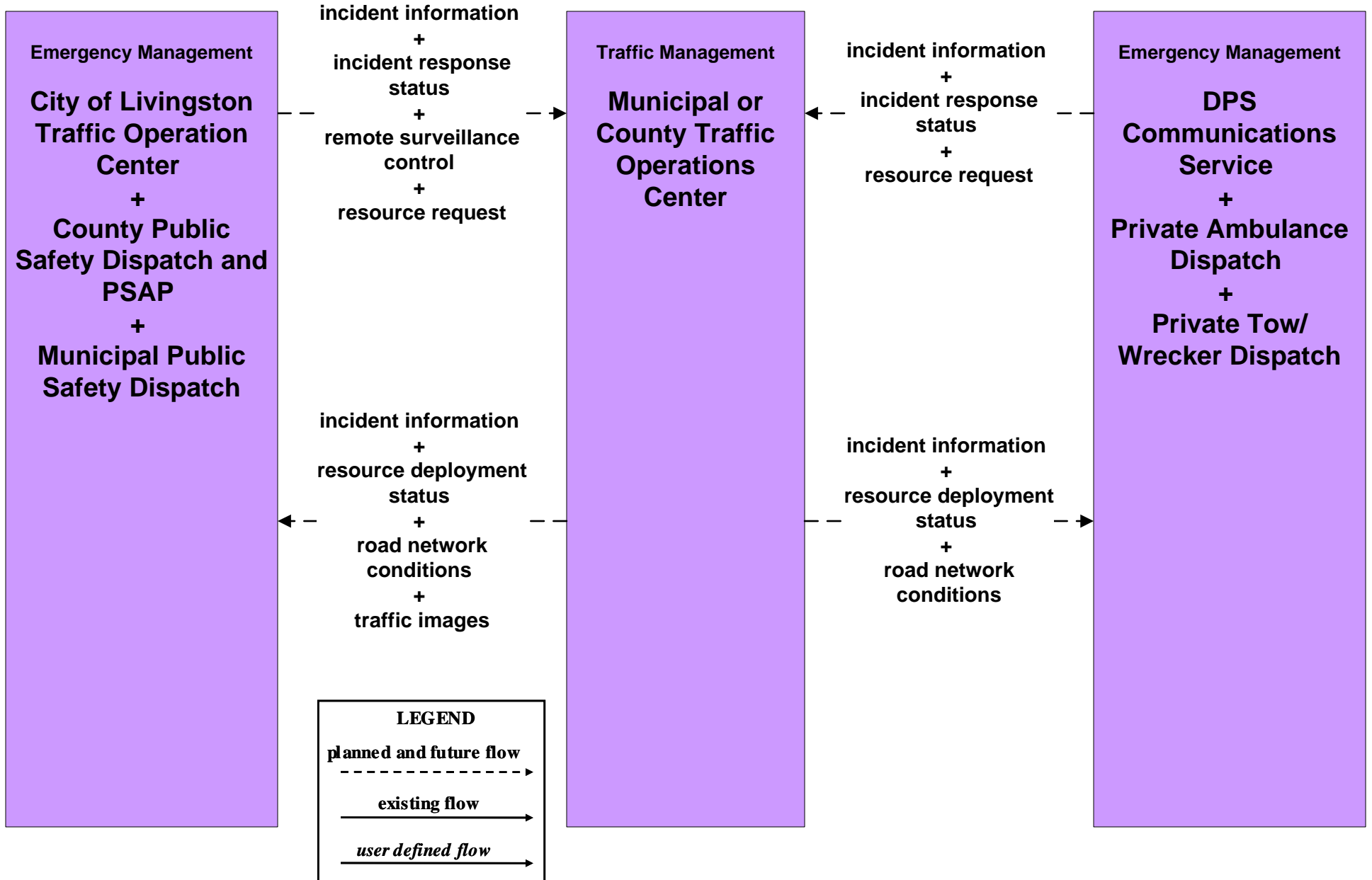
**ATMS08 - Incident Management**  
**City of Nacogdoches Traffic Operations Center (TM to EM)**



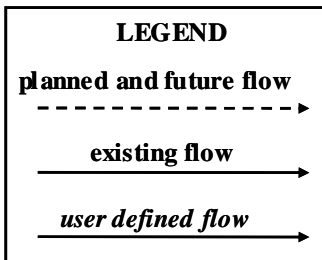
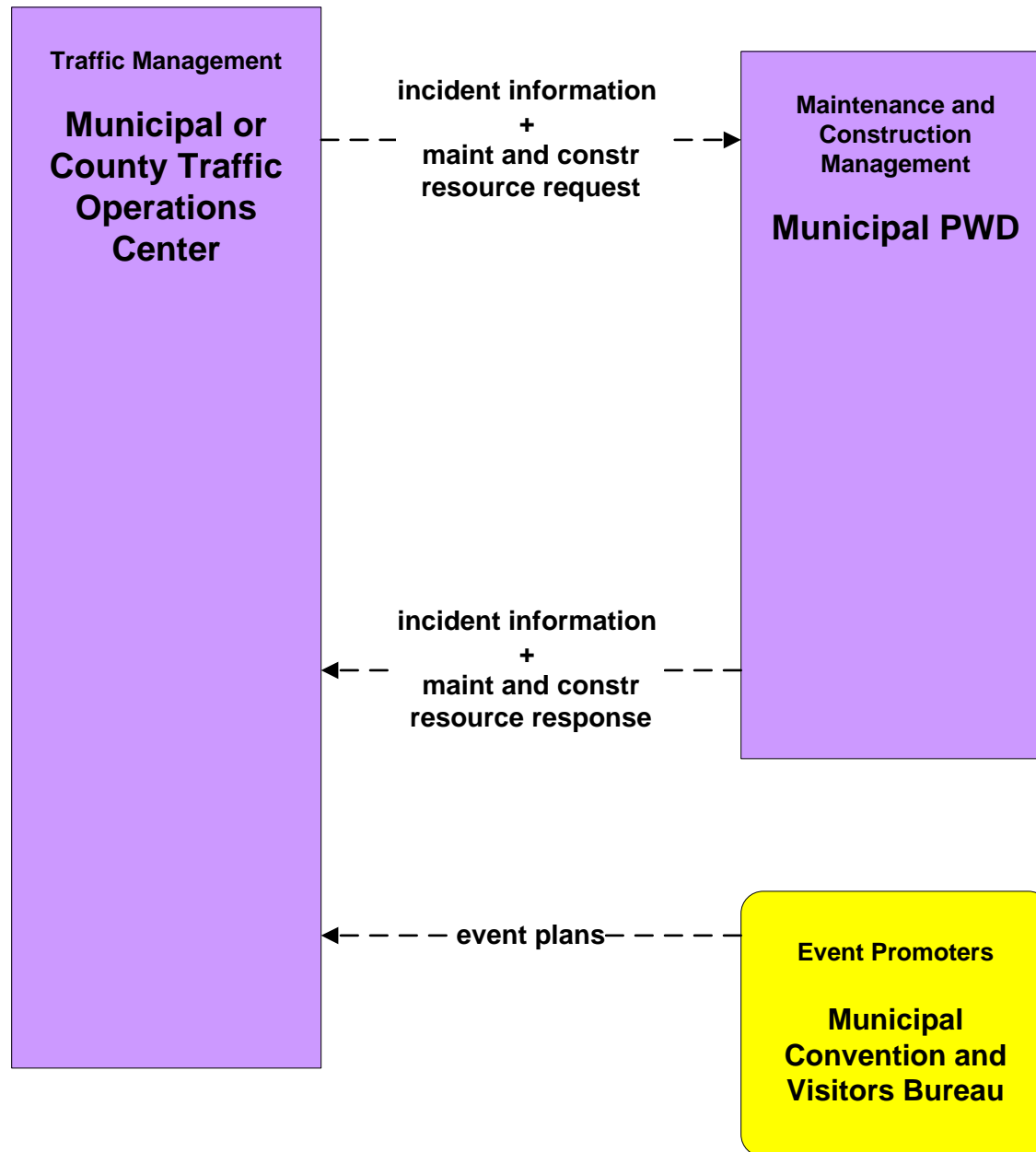
**ATMS08 - Incident Management**  
**City of Nacogdoches Traffic Operations Center (TM to MCM)**



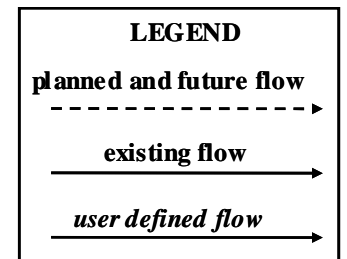
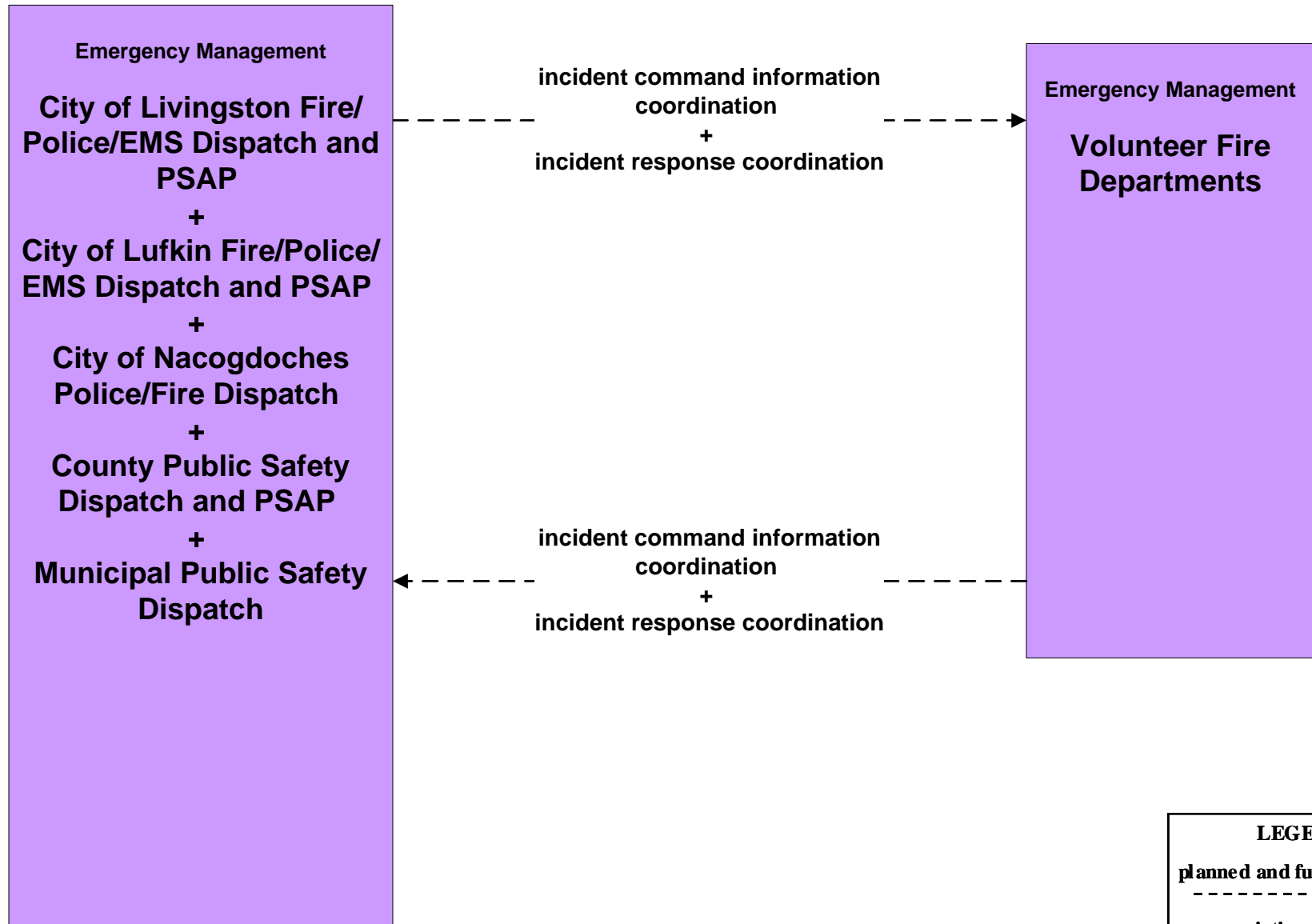
**ATMS08 - Incident Management  
Municipal Traffic Operations Centers (TM to EM)**



**ATMS08 - Incident Management  
Municipal Traffic Operations Centers (TM to MCM)**

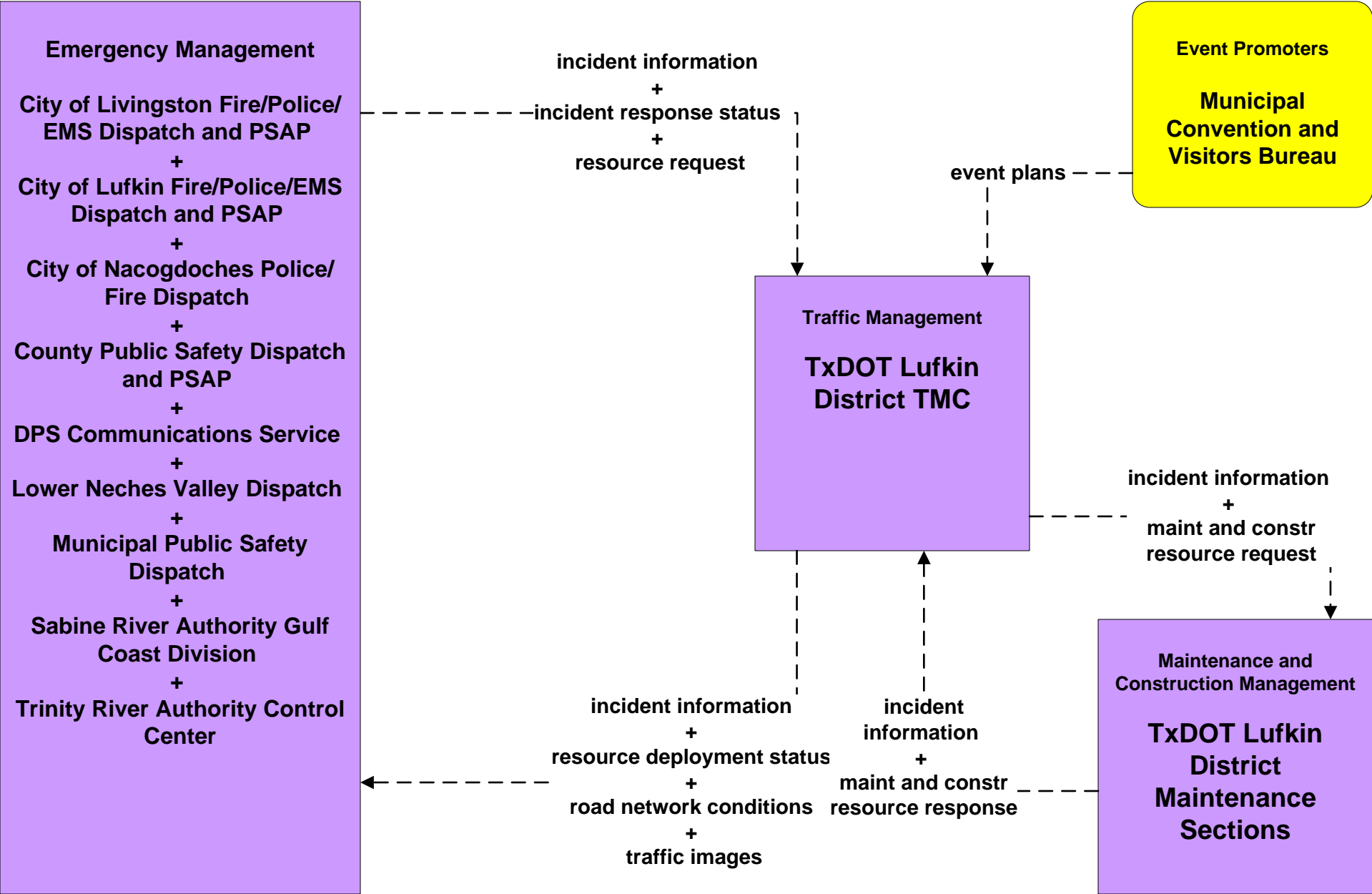


# ATMS08 - Incident Management Volunteer Fire Departments

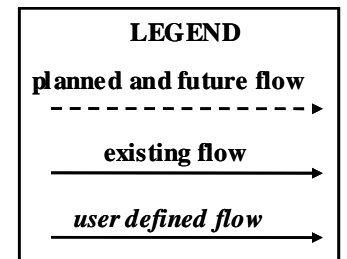
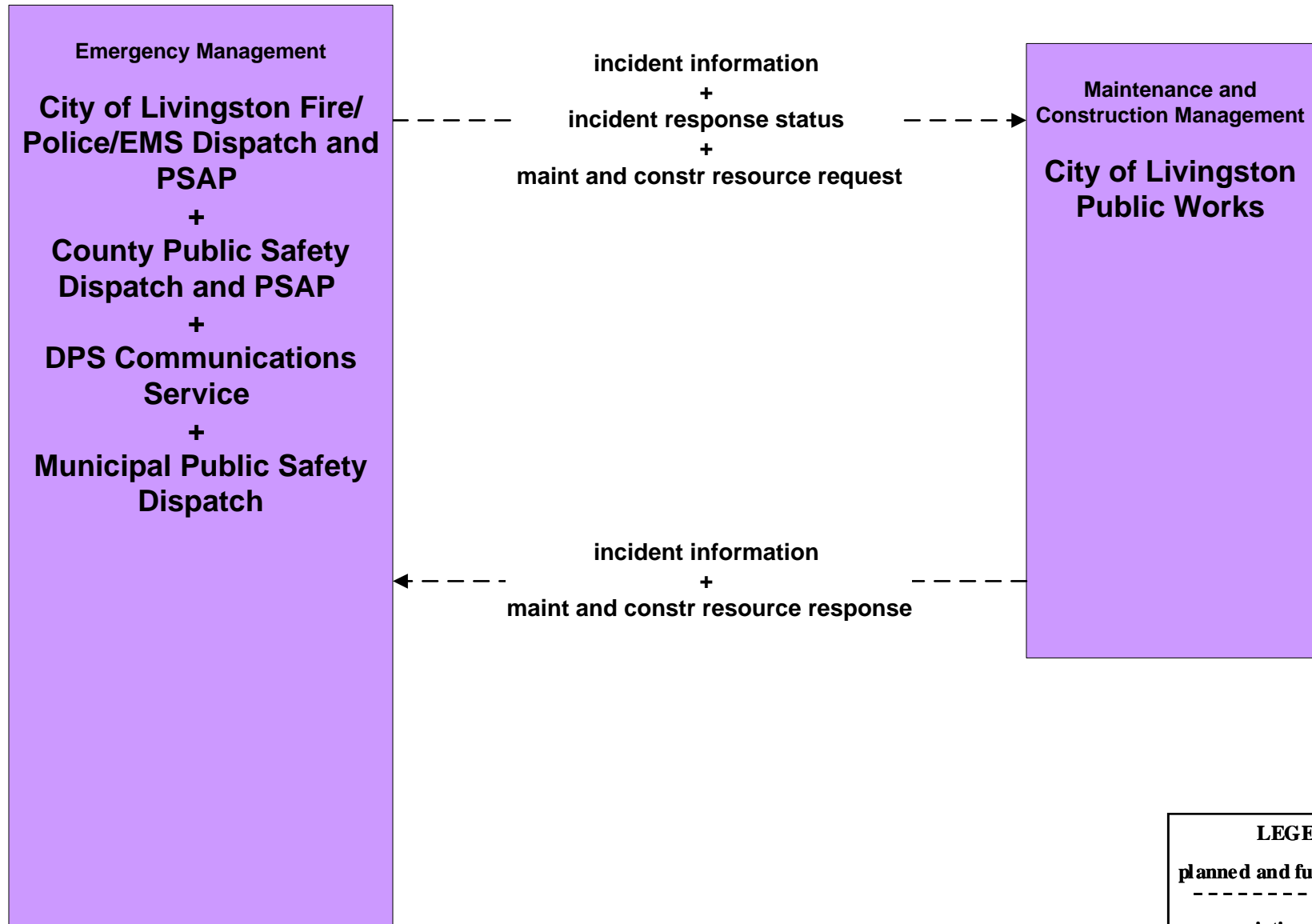




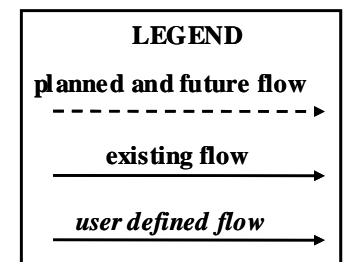
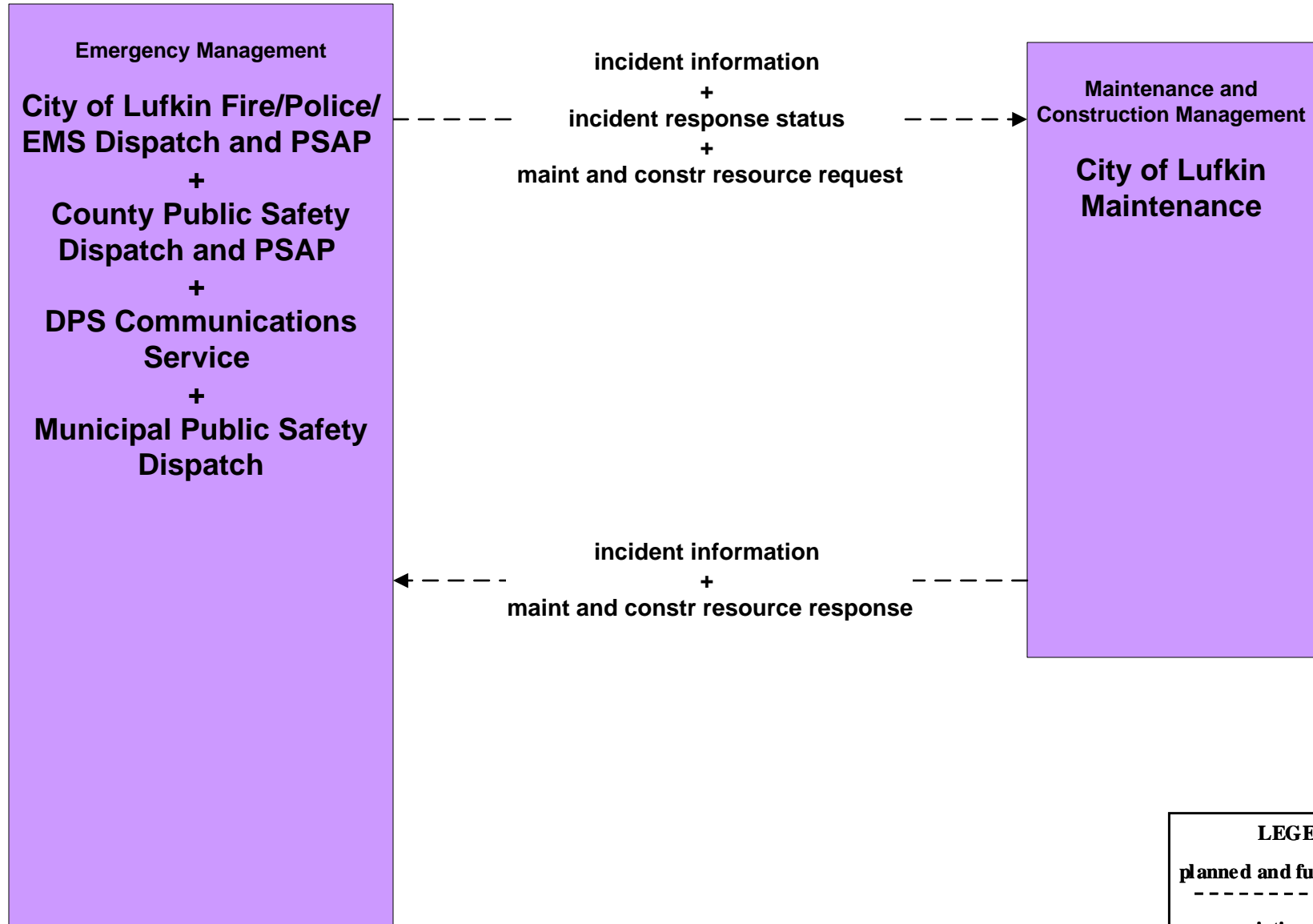
**ATMS08 - Incident Management**  
**TxDOT Lufkin District Traffic Management Center (TM to EM)**



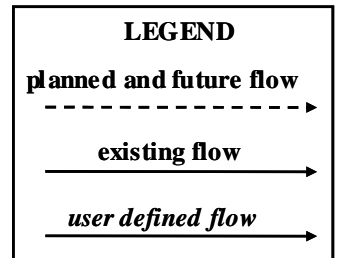
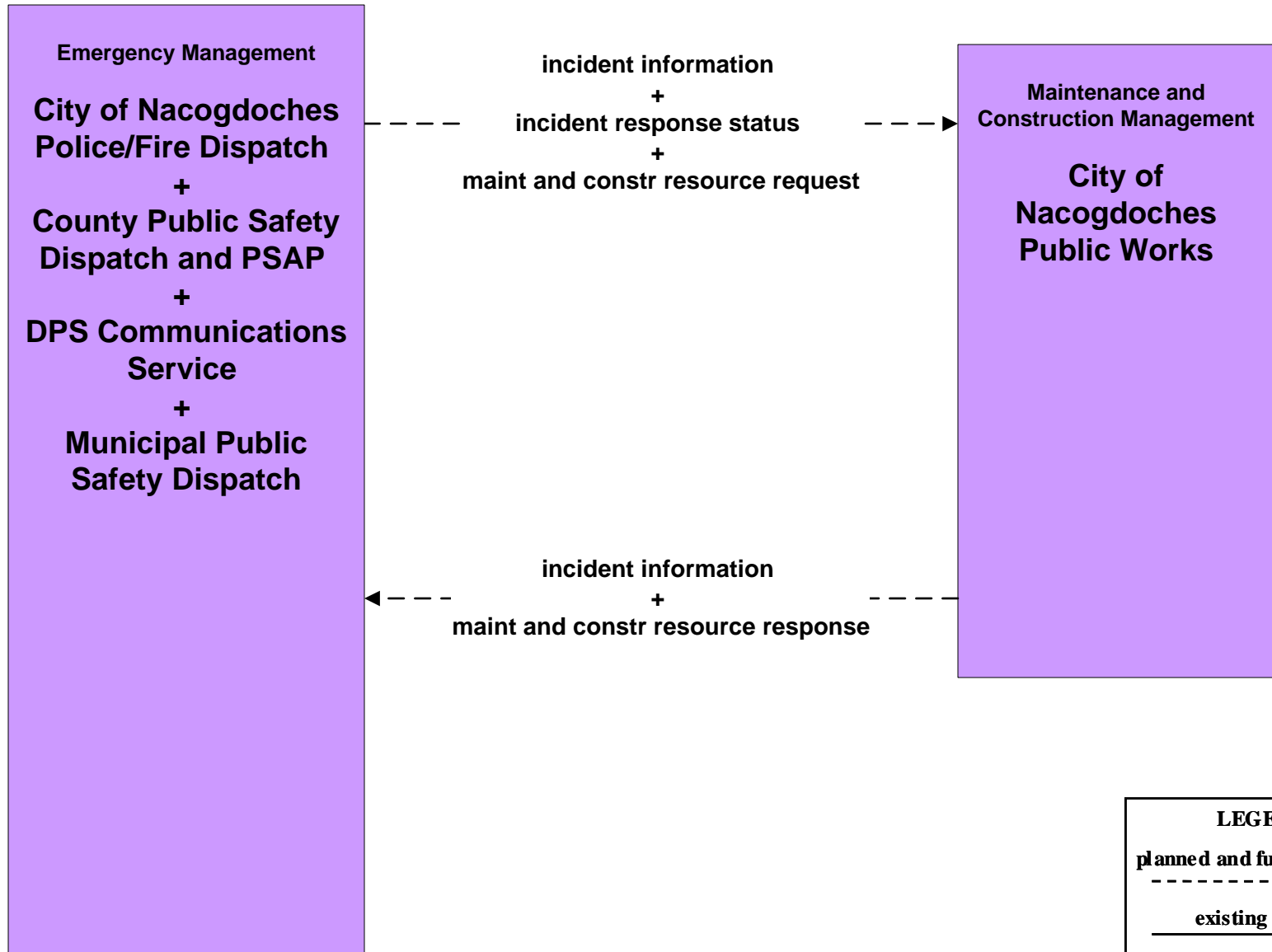
**ATMS08 - Incident Management**  
**City of Livingston Public Works (MCM to EM)**



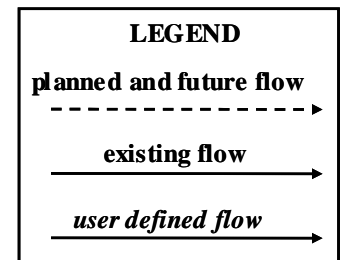
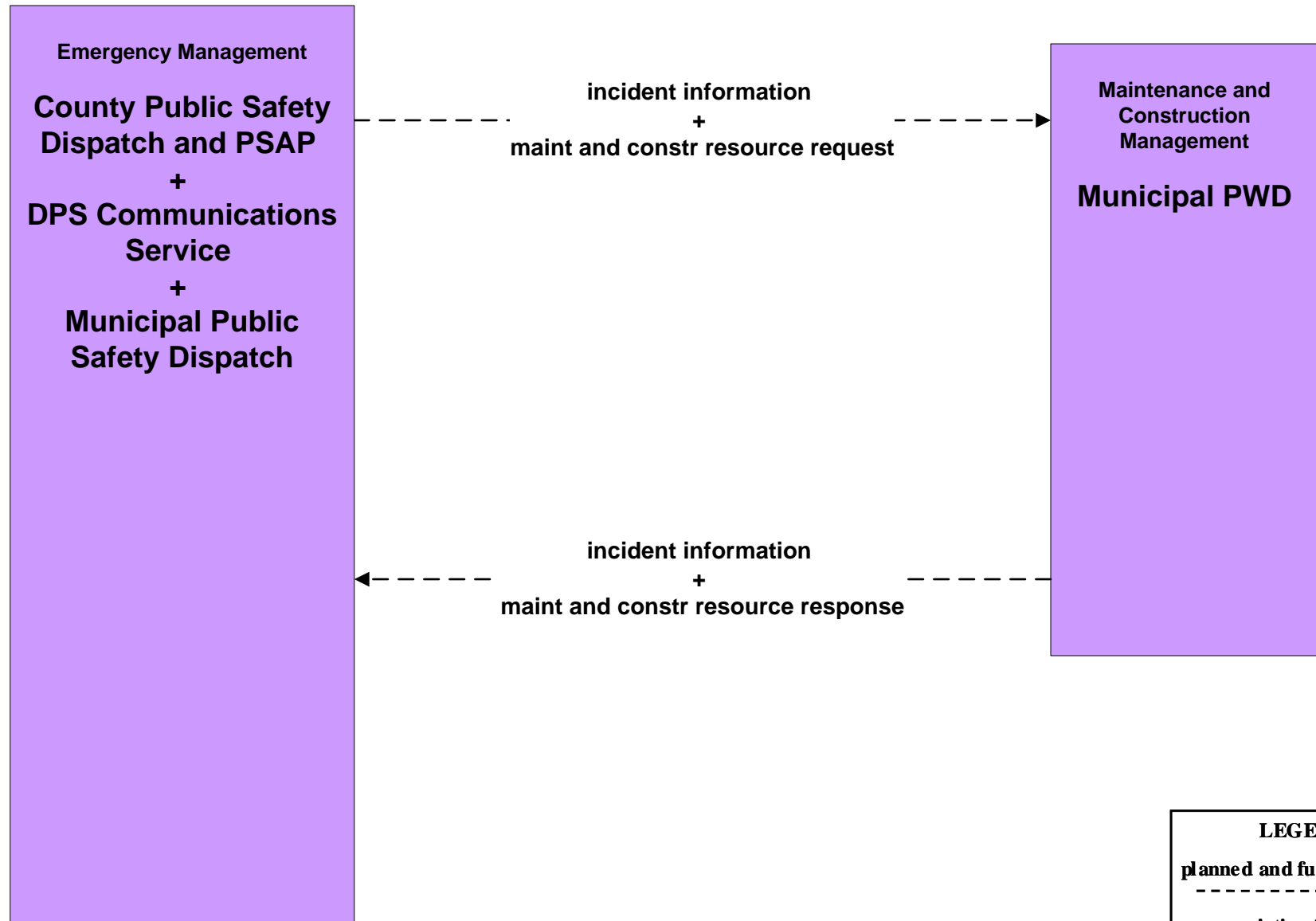
**ATMS08 - Incident Management  
City of Lufkin Maintenance (MCM to EM)**



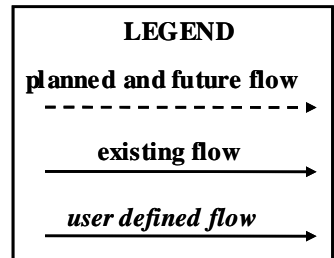
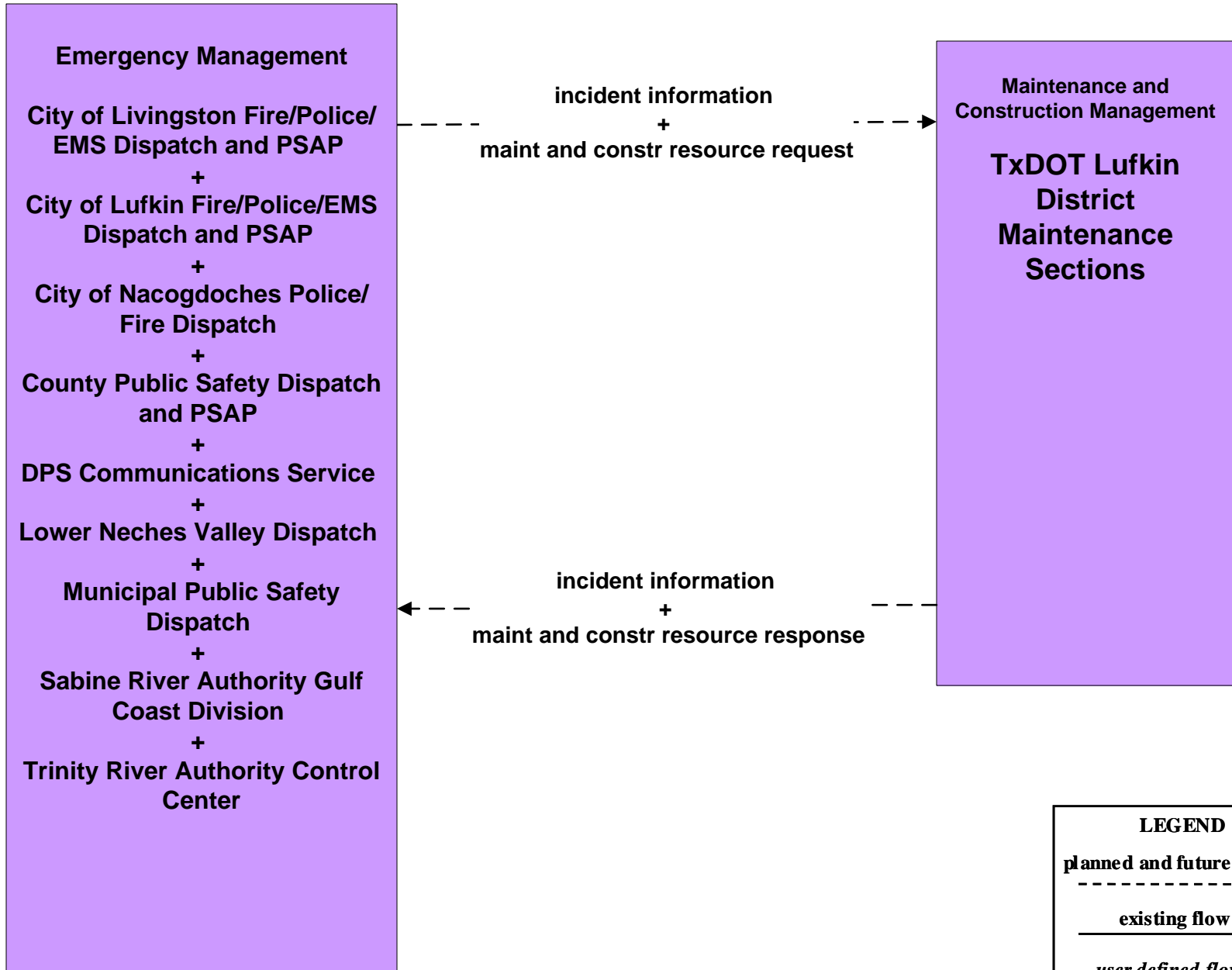
**ATMS08 - Incident Management**  
**City of Nacogdoches Public Works (MCM to EM)**



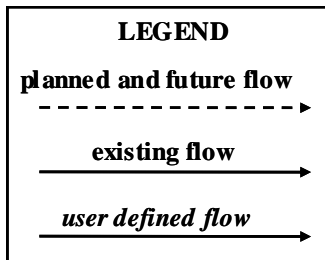
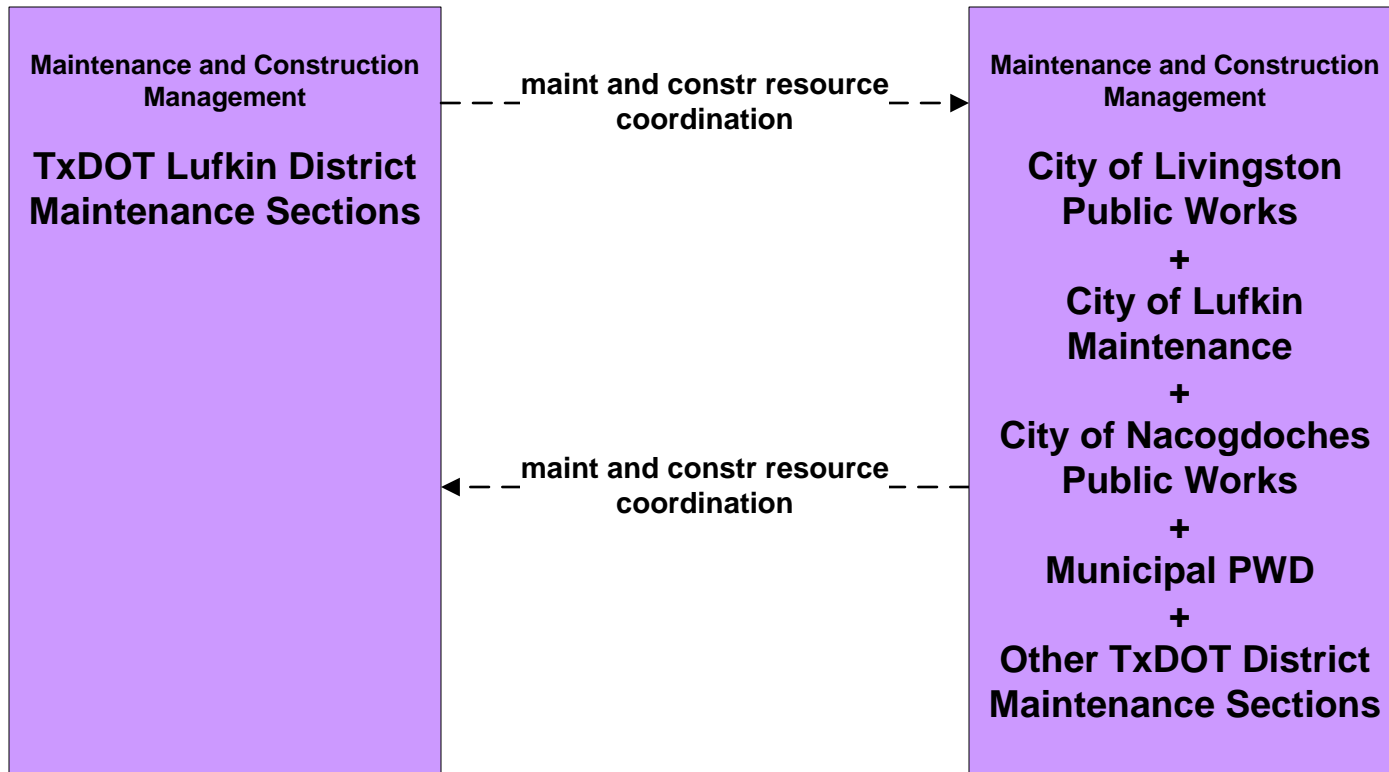
**ATMS08 - Incident Management  
Municipal PWD (MCM to EM)**



**ATMS08 - Incident Management**  
**TxDOT Lufkin District Maintenance Sections (MCM to EM)**



**ATMS08 - Incident Management  
TxDOT (MCM to Other MCM)**



**ATMS08 - Incident Management  
Flood Monitoring - Sabine River Authority**

**Emergency Management**

- Angelina Neches River Authority
- +
- City of Livingston Web Page
- +
- County EOC
- +
- County Public Safety Dispatch and PSAP
- +
- DPS Communications Service
- +
- Lower Neches Valley Dispatch
- +
- Municipal Public Safety Dispatch
- +
- Trinity River Authority Control Center

**Emergency Management**

**Sabine River Authority Gulf Coast Division**

**Roadway Subsystem**

**Sabine River Authority Flood Warning Devices**

**Traffic Management**

- City of Livingston Traffic Operation Center
- +
- City of Lufkin Traffic Operations Center
- +
- City of Nacogdoches Traffic Operations Center
- +
- Municipal or County Traffic Operations Center
- +
- TranStar and Other Texas Region TMCs
- +
- TxDOT Lufkin District TMC

**Media**

**Local Print and Broadcast Media**

← - - *alert status* - -

← - - *flood monitoring information\_ud* - -

→ - - *alert status* - -

↑ - - *incident information for media* - -

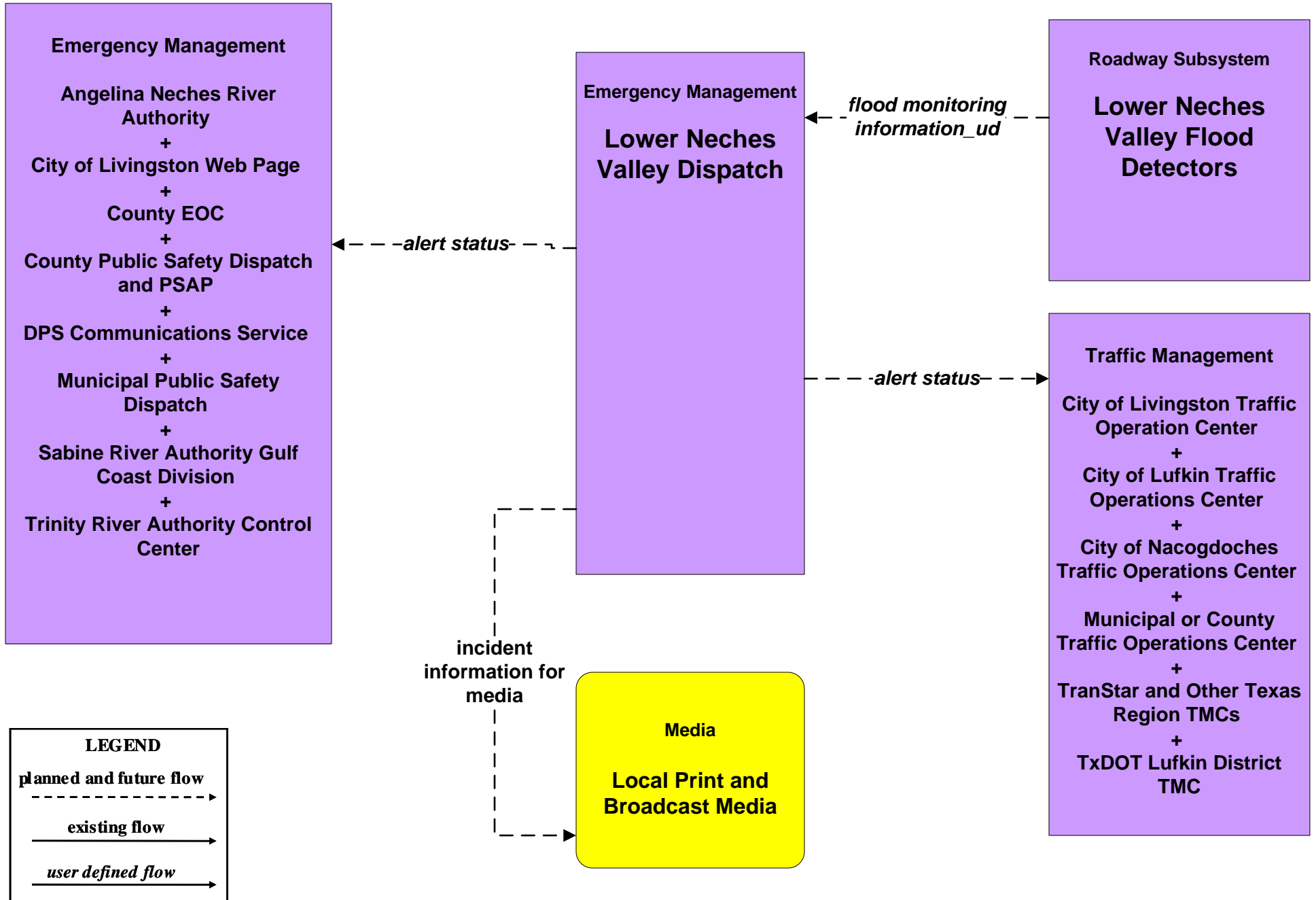
**LEGEND**

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



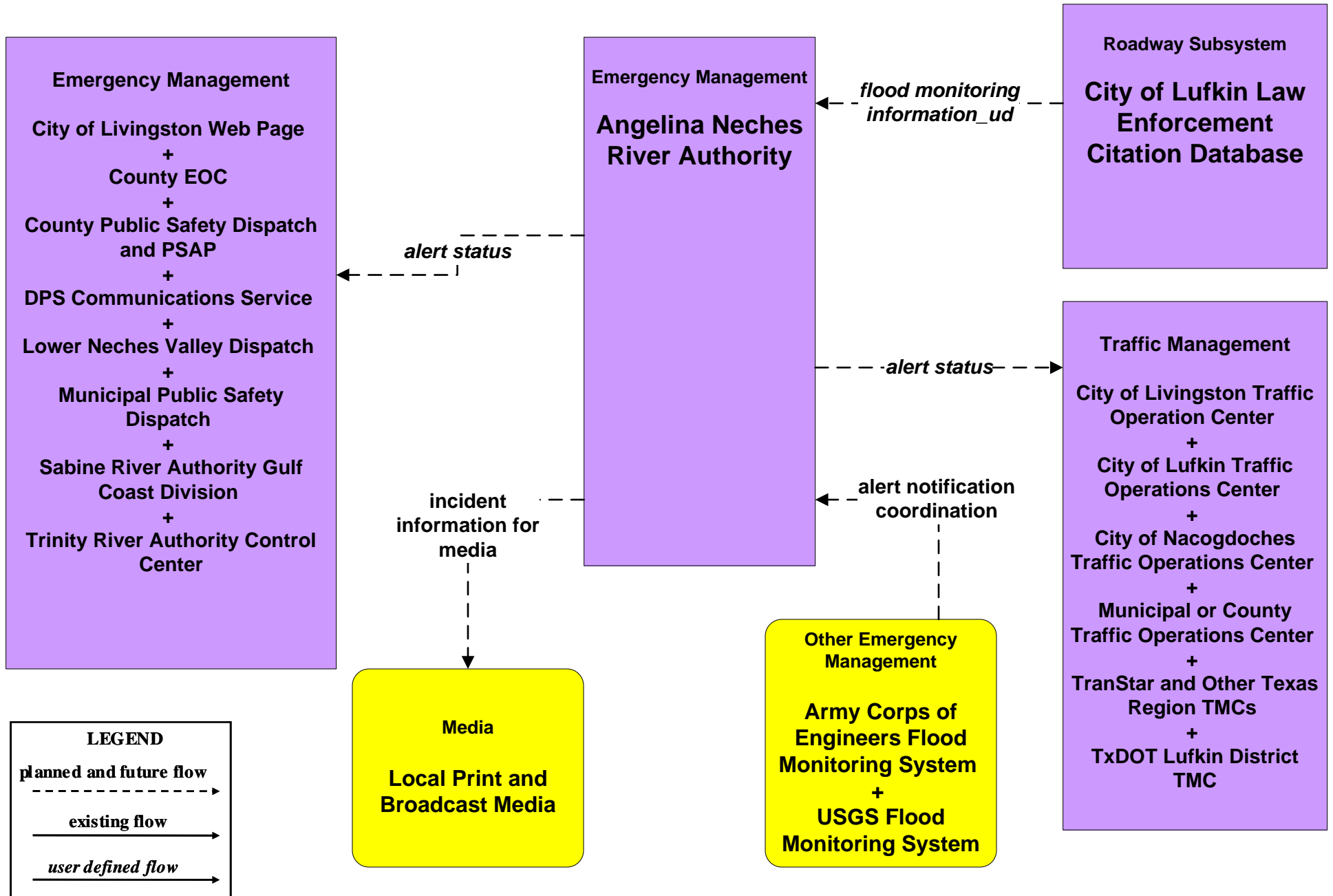
# ATMS08 - Incident Management

## Flood Monitoring - Lower Neches Valley



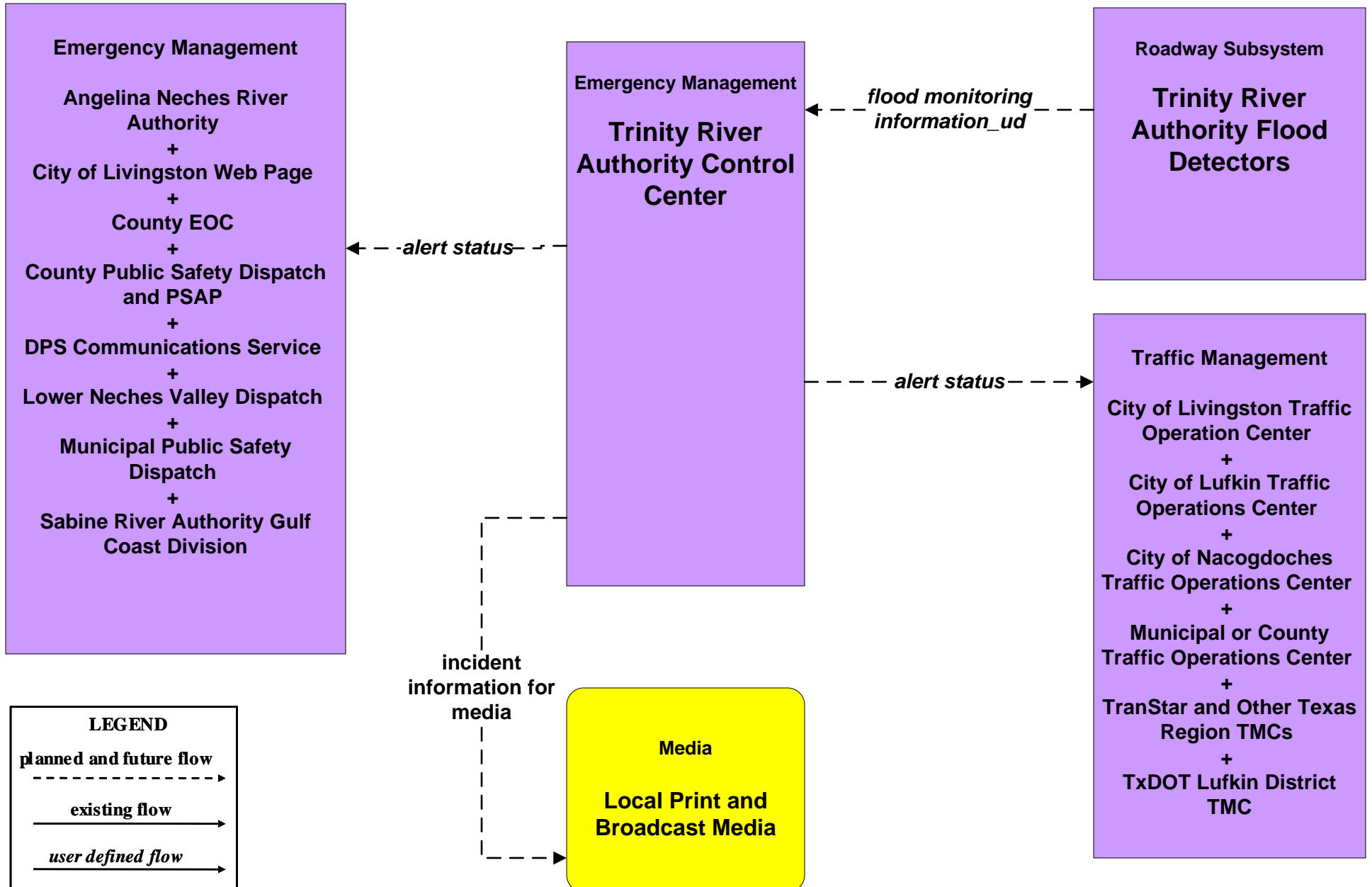
# ATMS08 - Incident Management

## Flood Monitoring – Angelina Neches River Authority

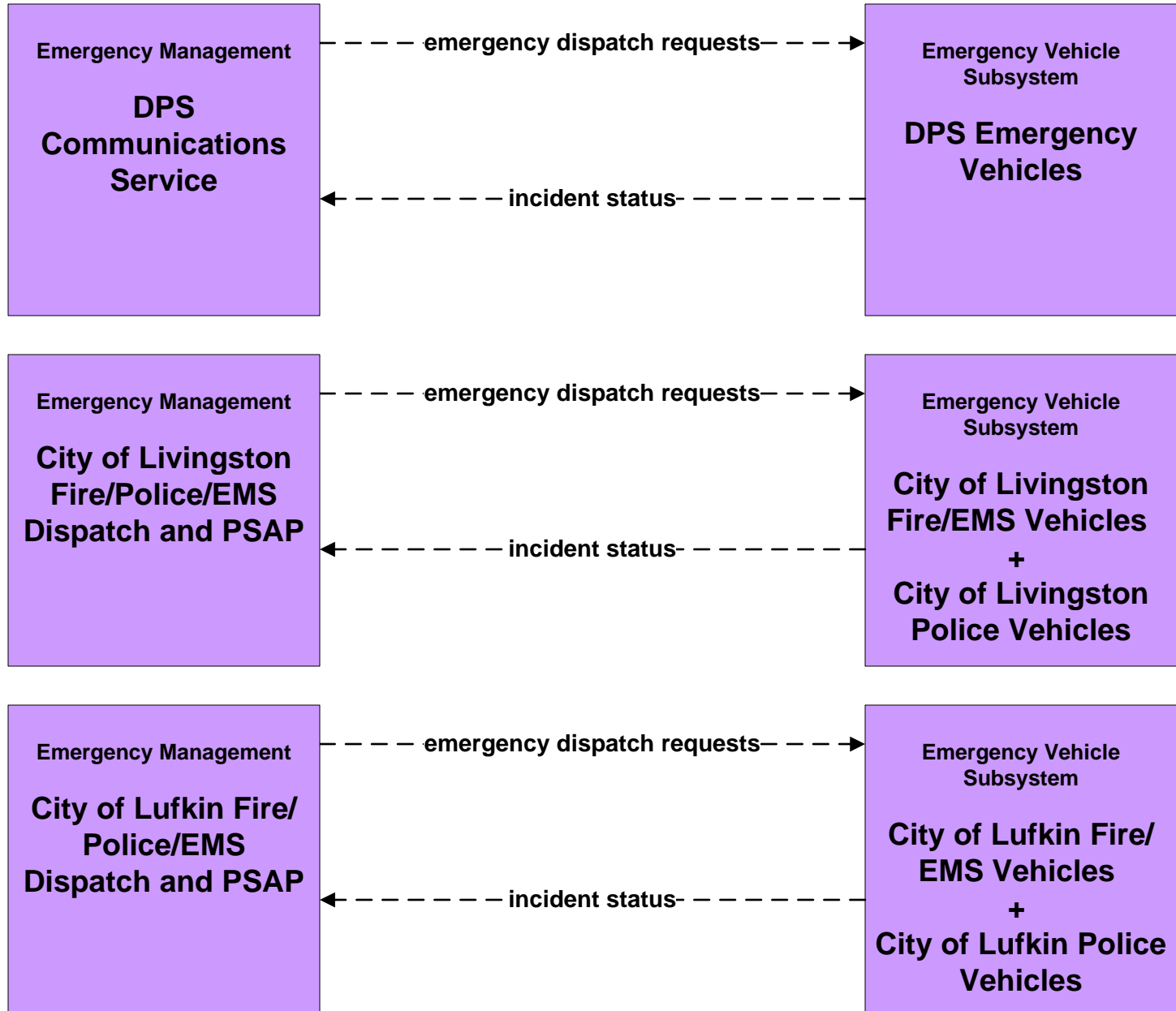


# ATMS08 - Incident Management

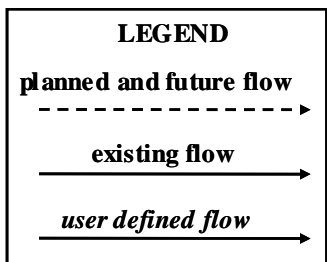
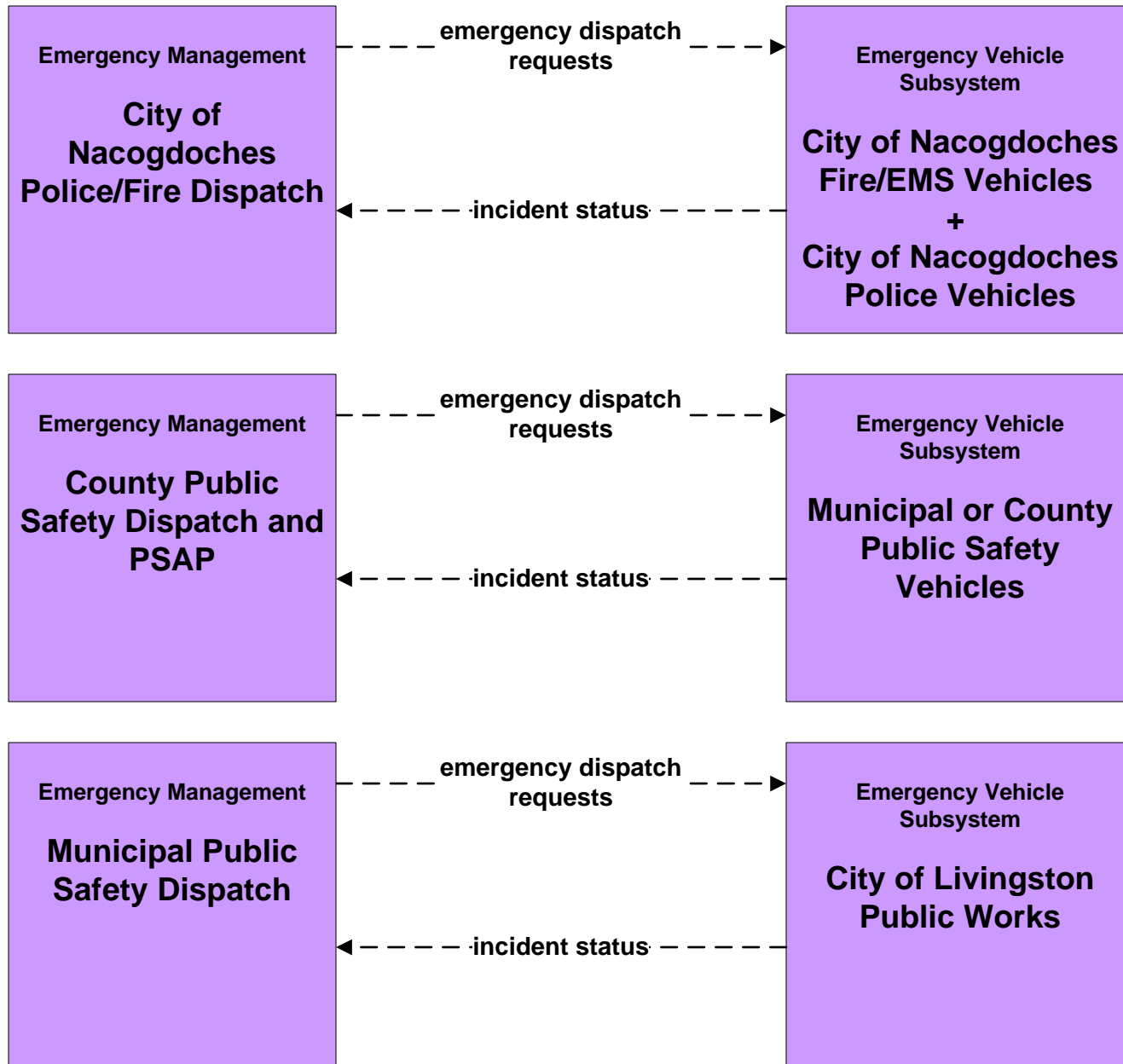
## Flood Monitoring - Trinity River Authority



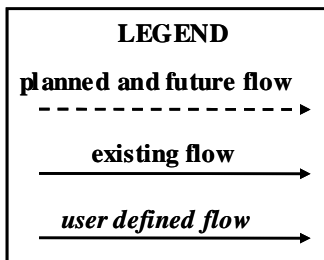
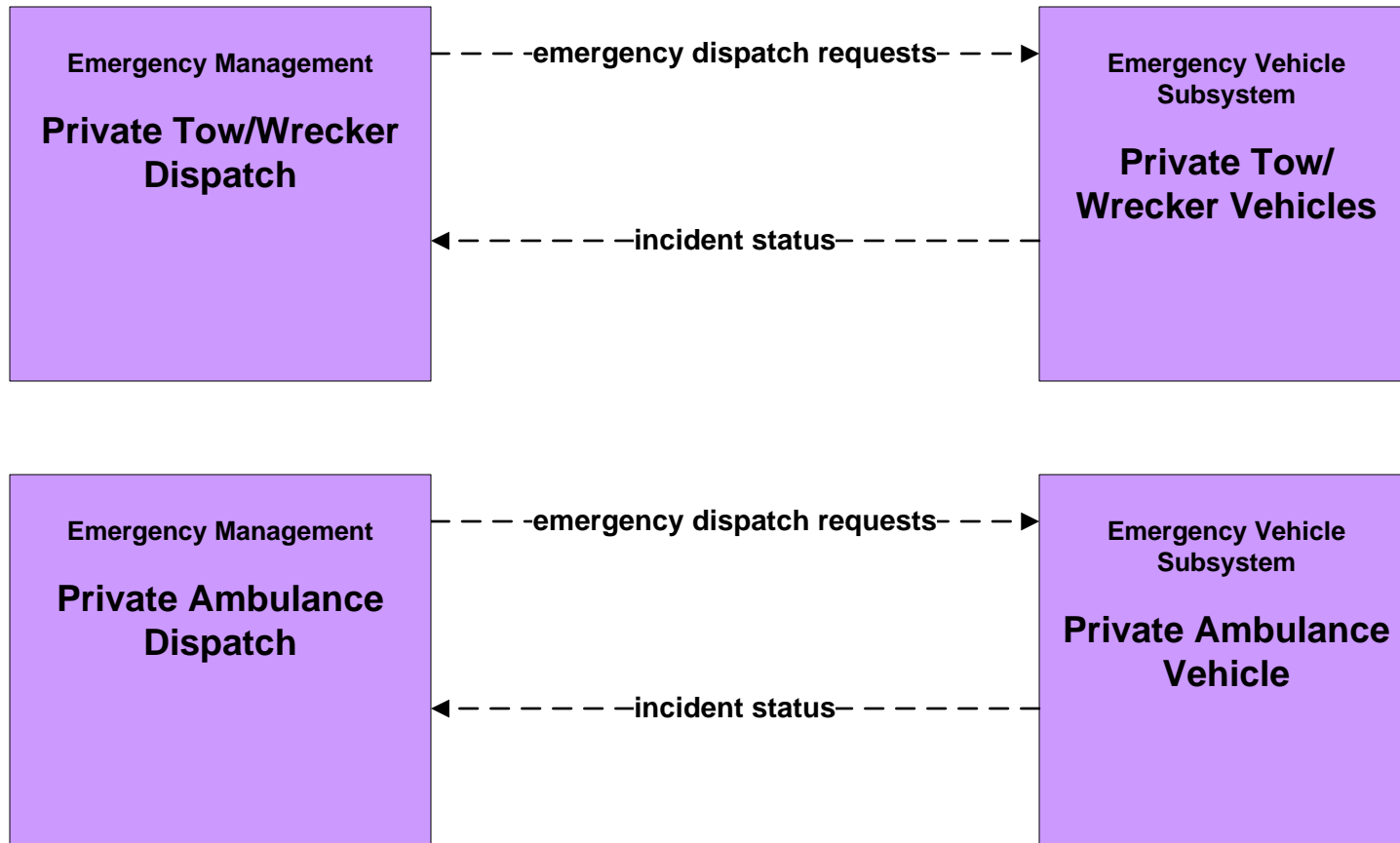
**ATMS08 - Incident Management  
(EM to EVS)**



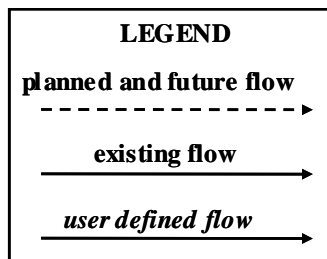
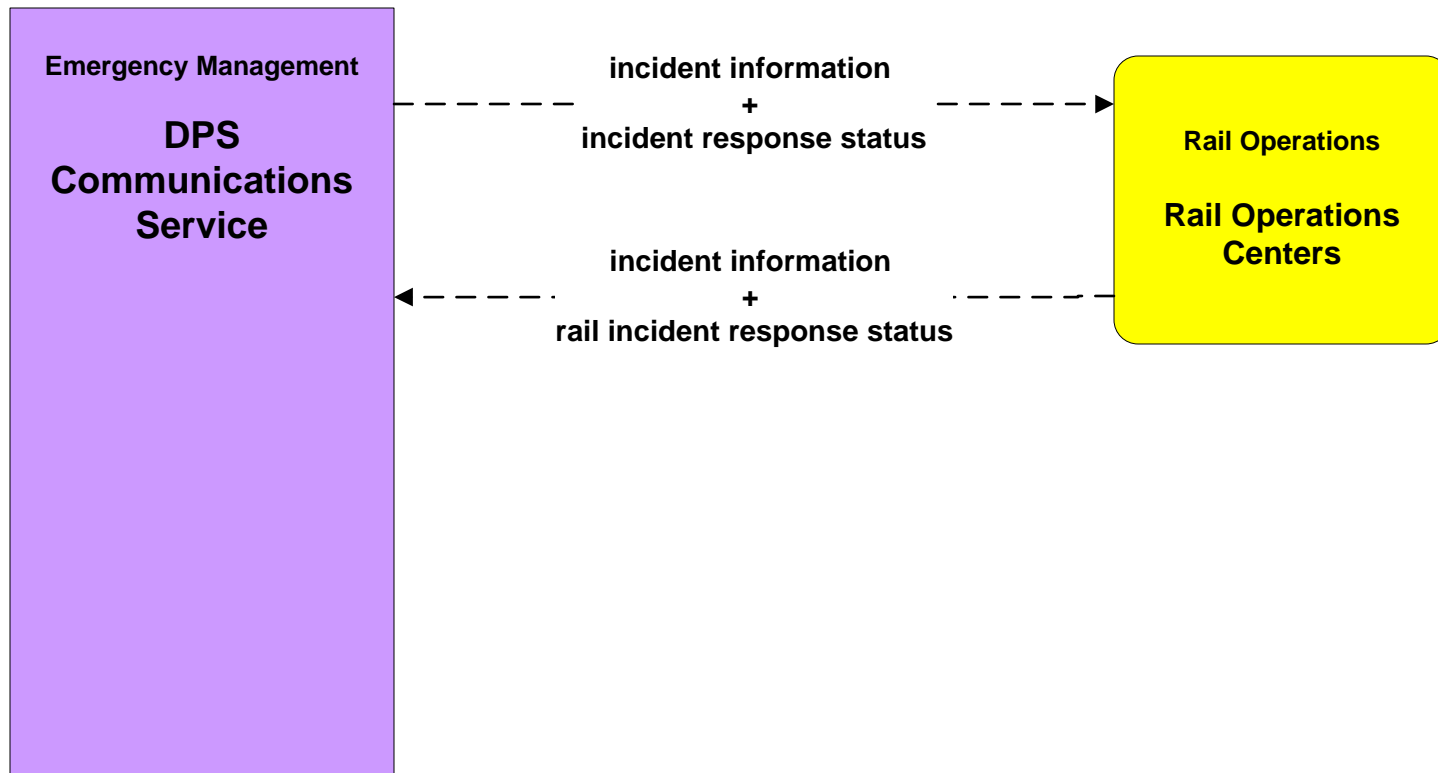
**ATMS08 - Incident Management  
(EM to EVS)**



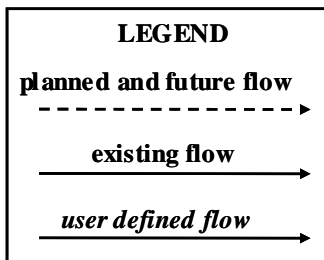
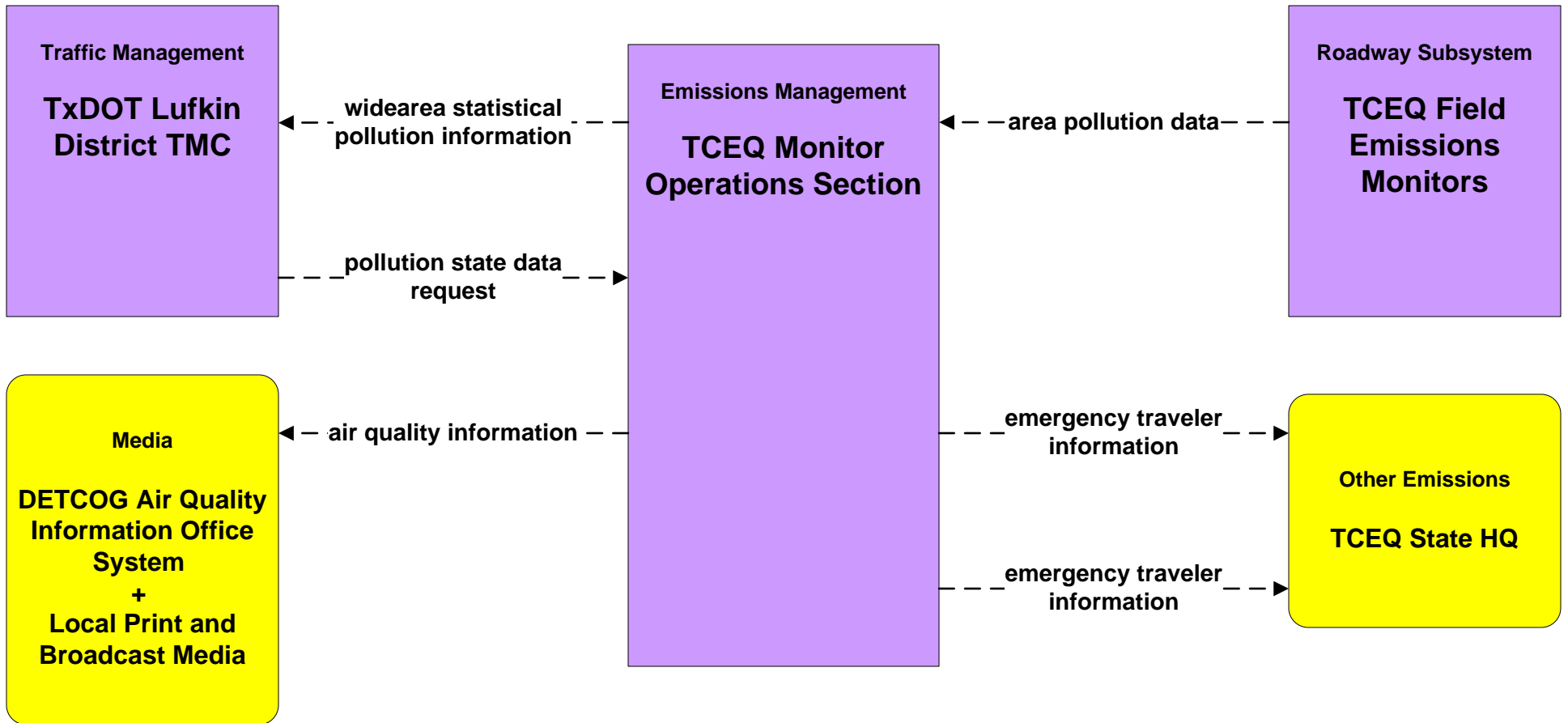
# ATMS08 - Incident Management (EM to EVS)



# ATMS08 - Incident Management Rail Operations Coordination

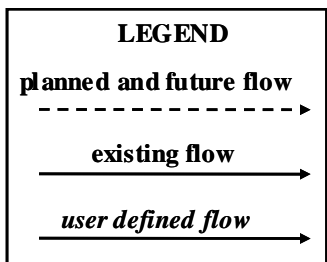
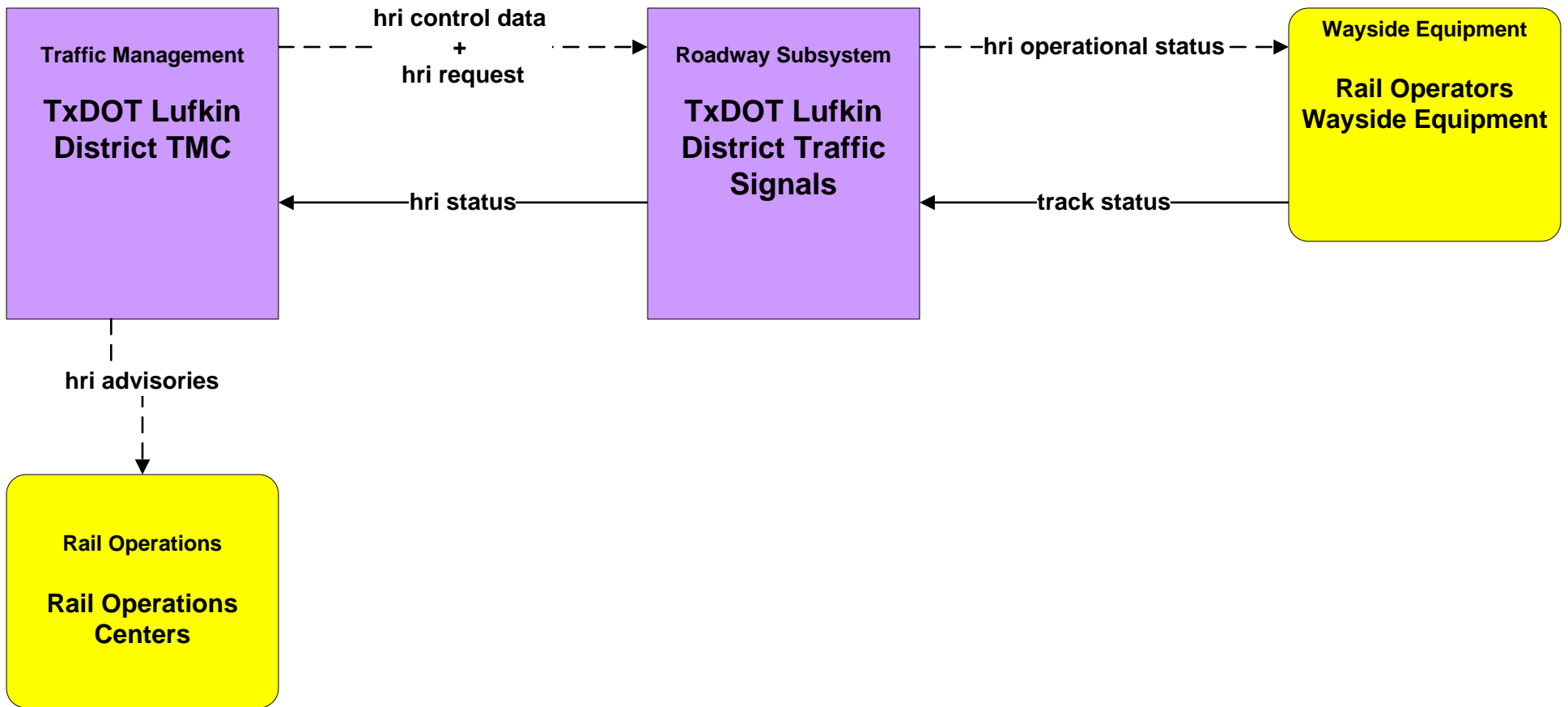


# ATMS11 - Emissions Monitoring and Management TCEQ

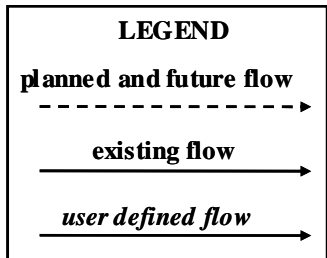
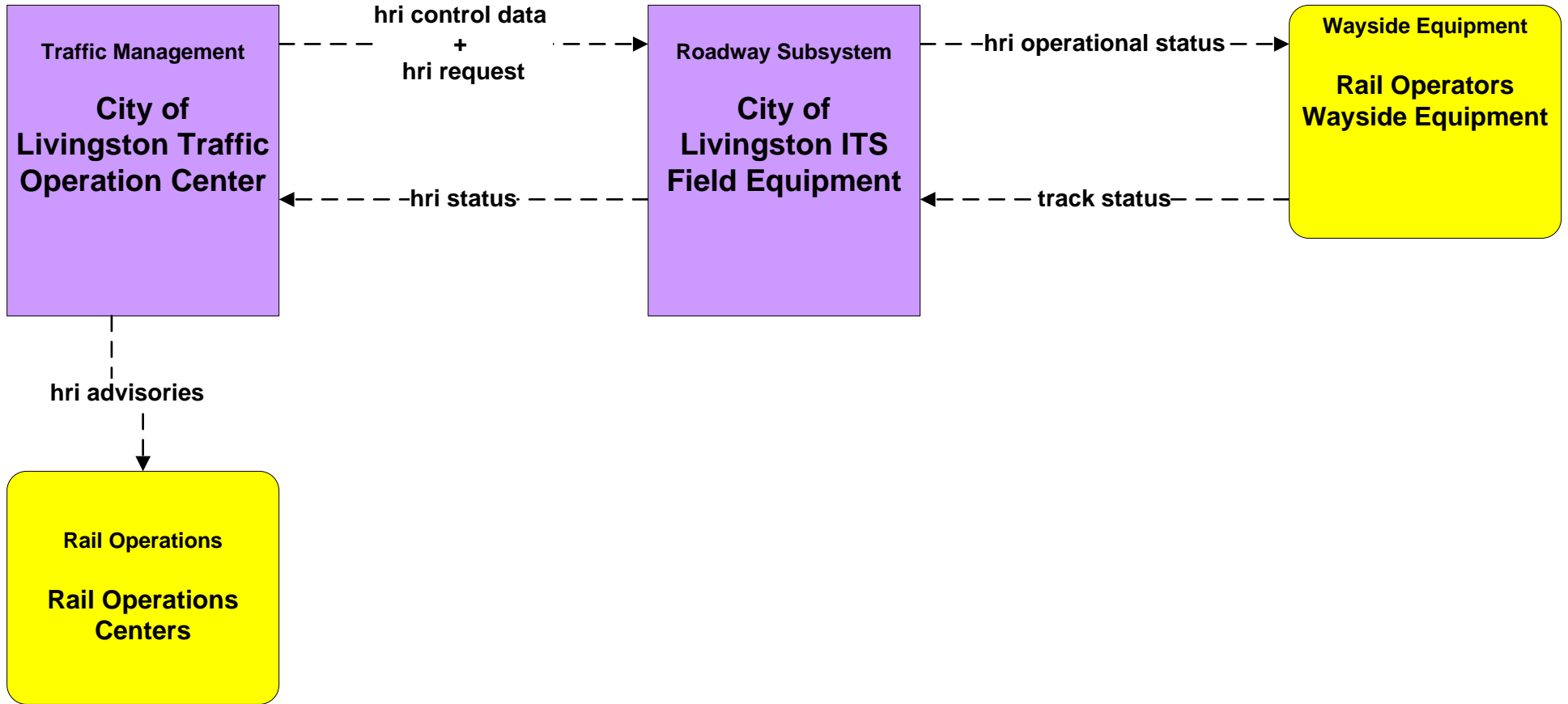




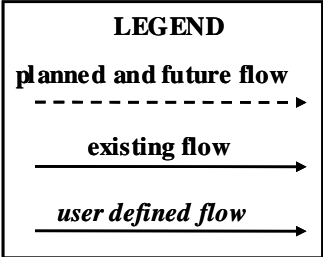
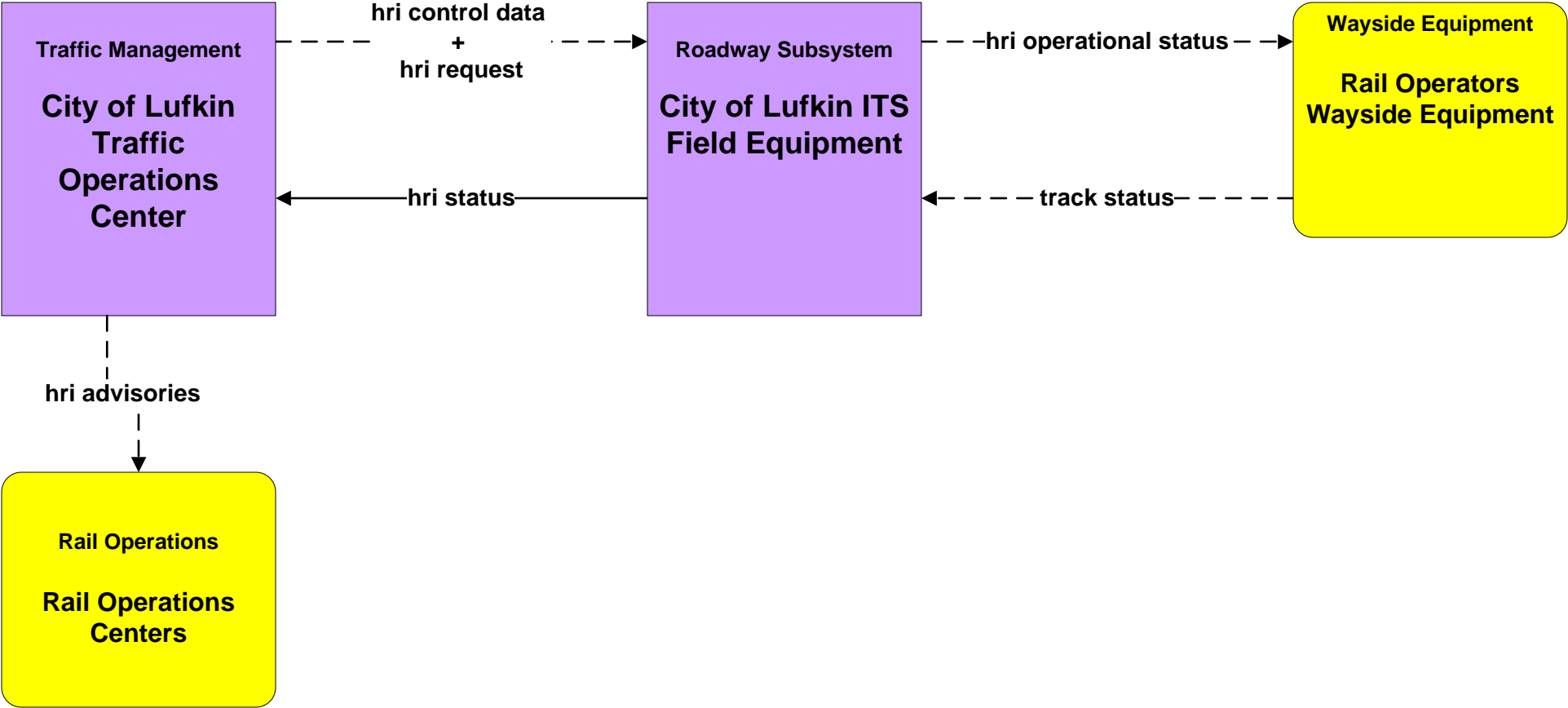
**ATMS13 - Standard Railroad Crossing  
TxDOT Lufkin District Traffic Management Center**



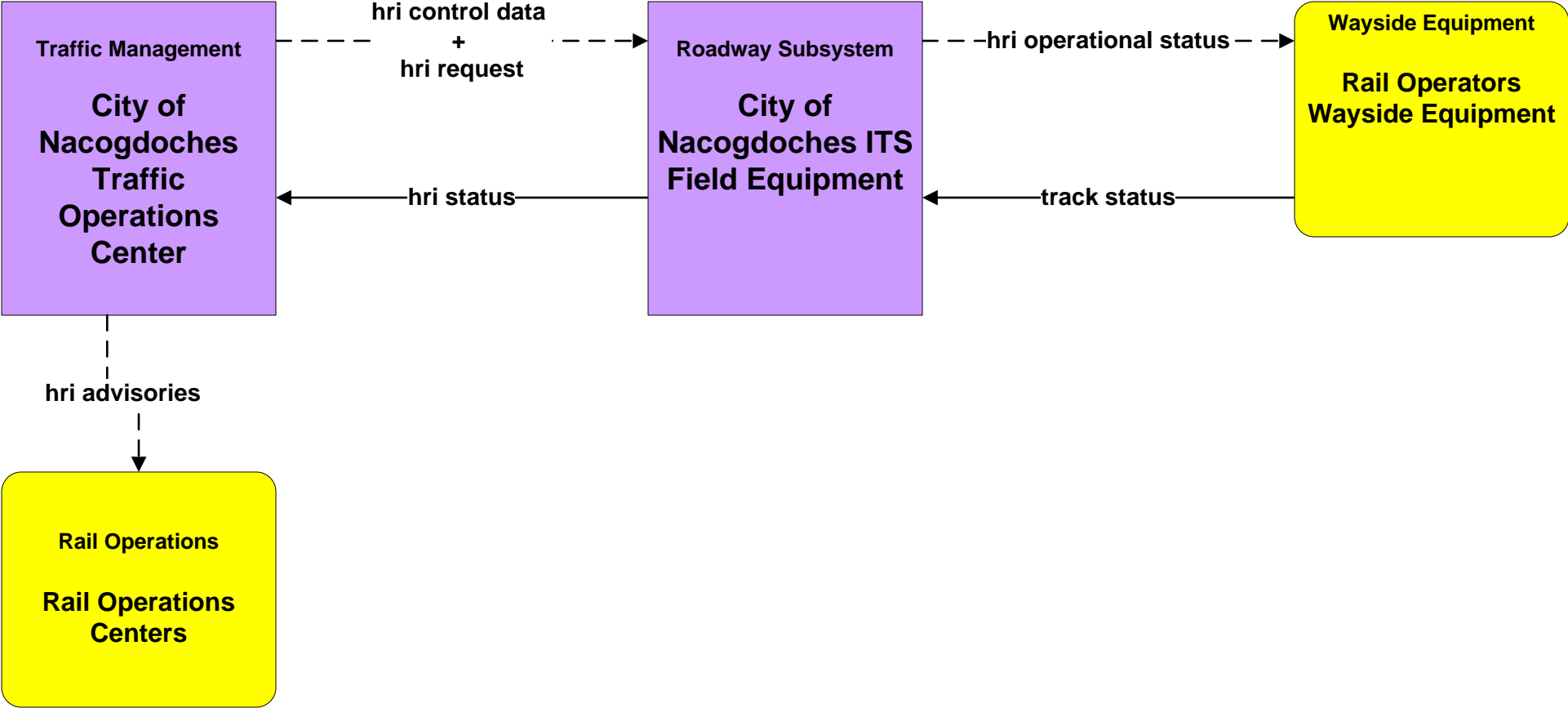
**ATMS13 - Standard Railroad Crossing  
City of Livingston Traffic Operations Center**



**ATMS13 - Standard Railroad Crossing  
City of Lufkin Traffic Operations Center**



**ATMS13 - Standard Railroad Crossing  
City of Nacogdoches Traffic Operations Center**



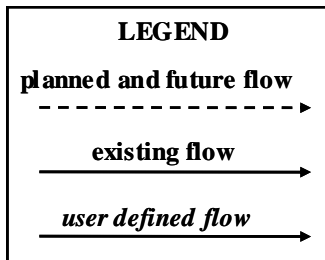
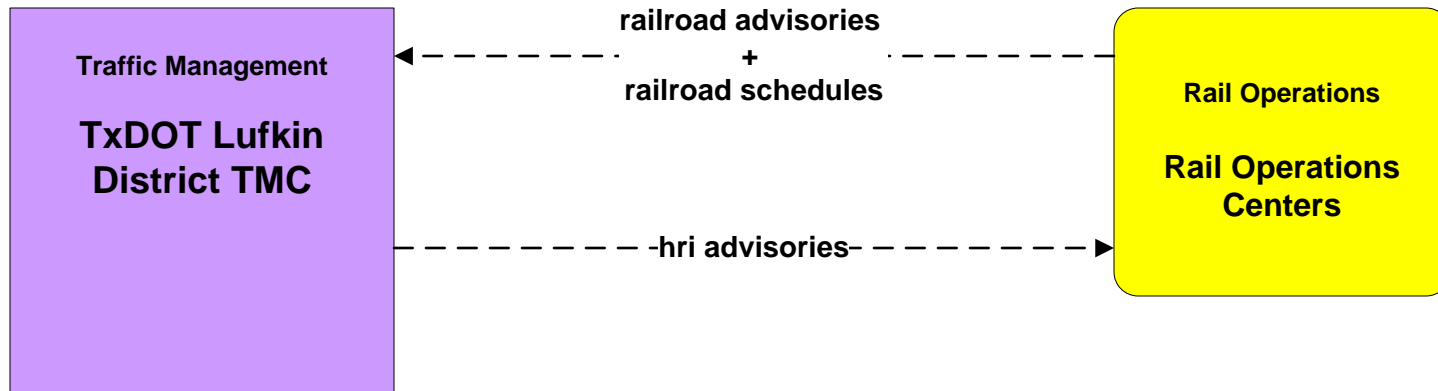
**LEGEND**

**planned and future flow**  
----->

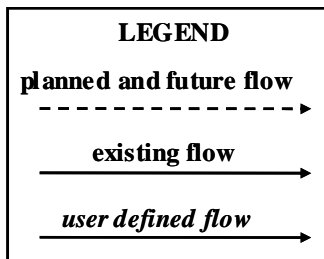
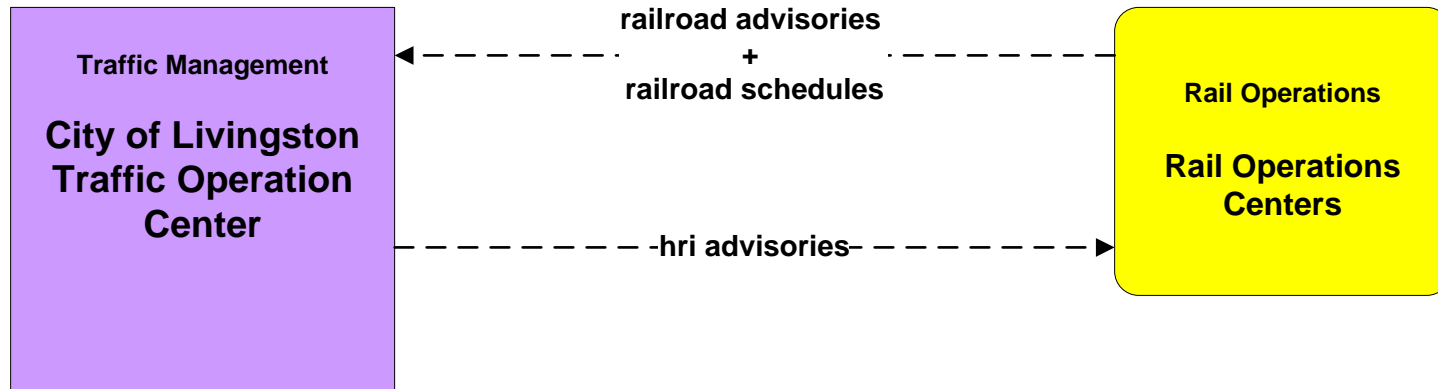
**existing flow**  
—————>

**user defined flow**  
~~~~~>

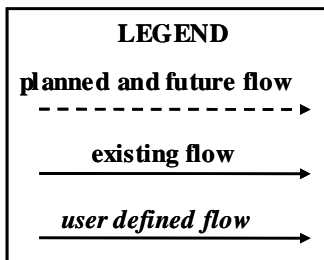
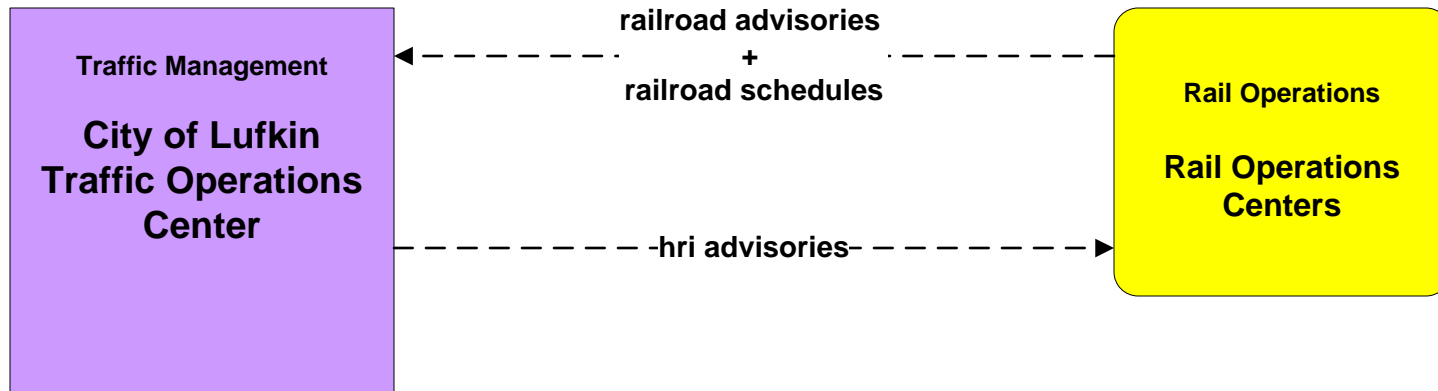
**ATMS15 - Railroad Operations Coordination  
TxDOT Lufkin District Traffic Management Center**



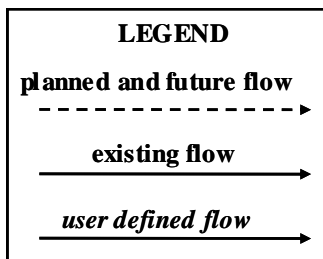
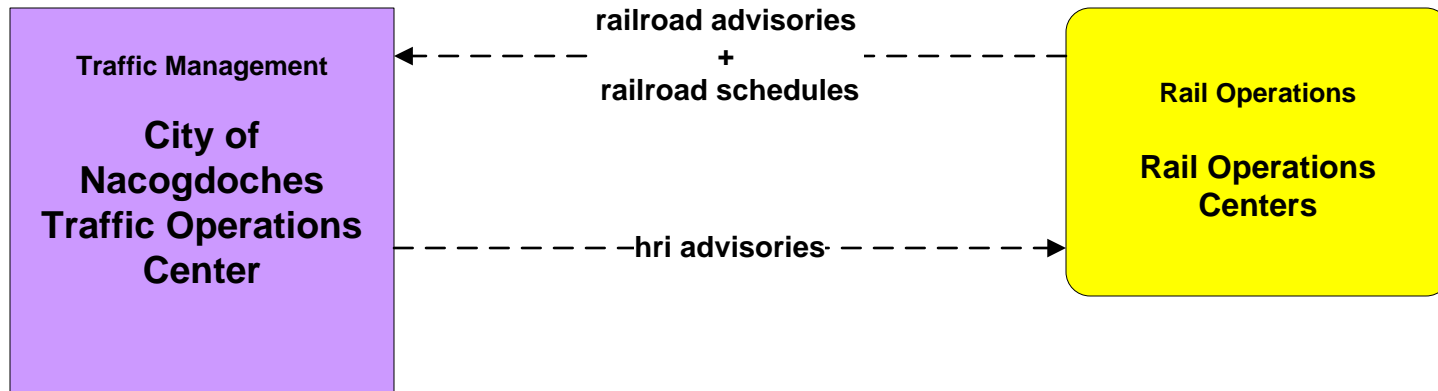
**ATMS15 - Railroad Operations Coordination  
City of Livingston Traffic Operations Center**



**ATMS15 - Railroad Operations Coordination  
City of Lufkin Traffic Operations Center**

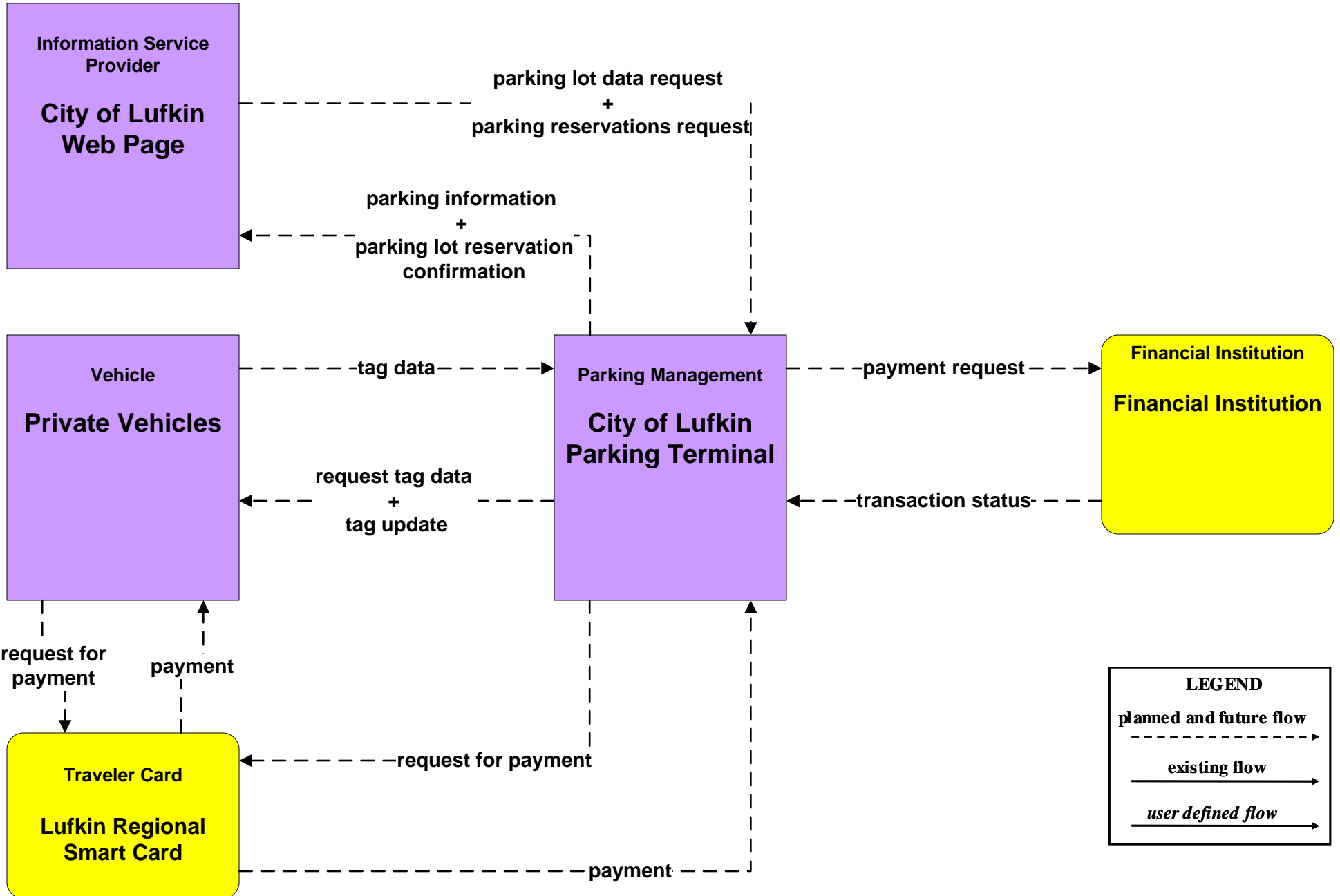


**ATMS15 - Railroad Operations Coordination  
City of Nacogdoches Traffic Operations Center**

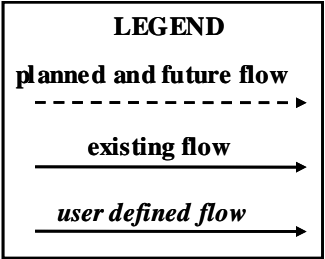
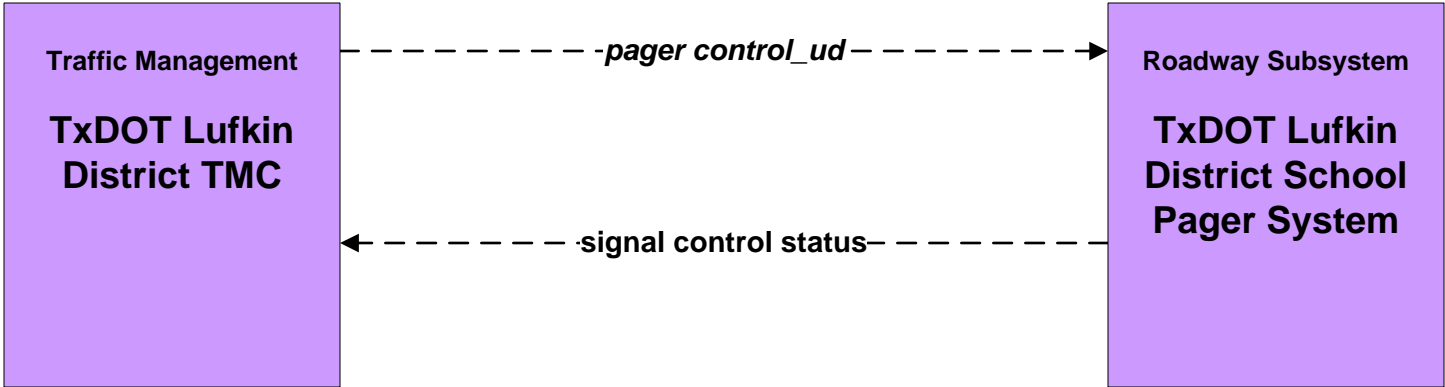




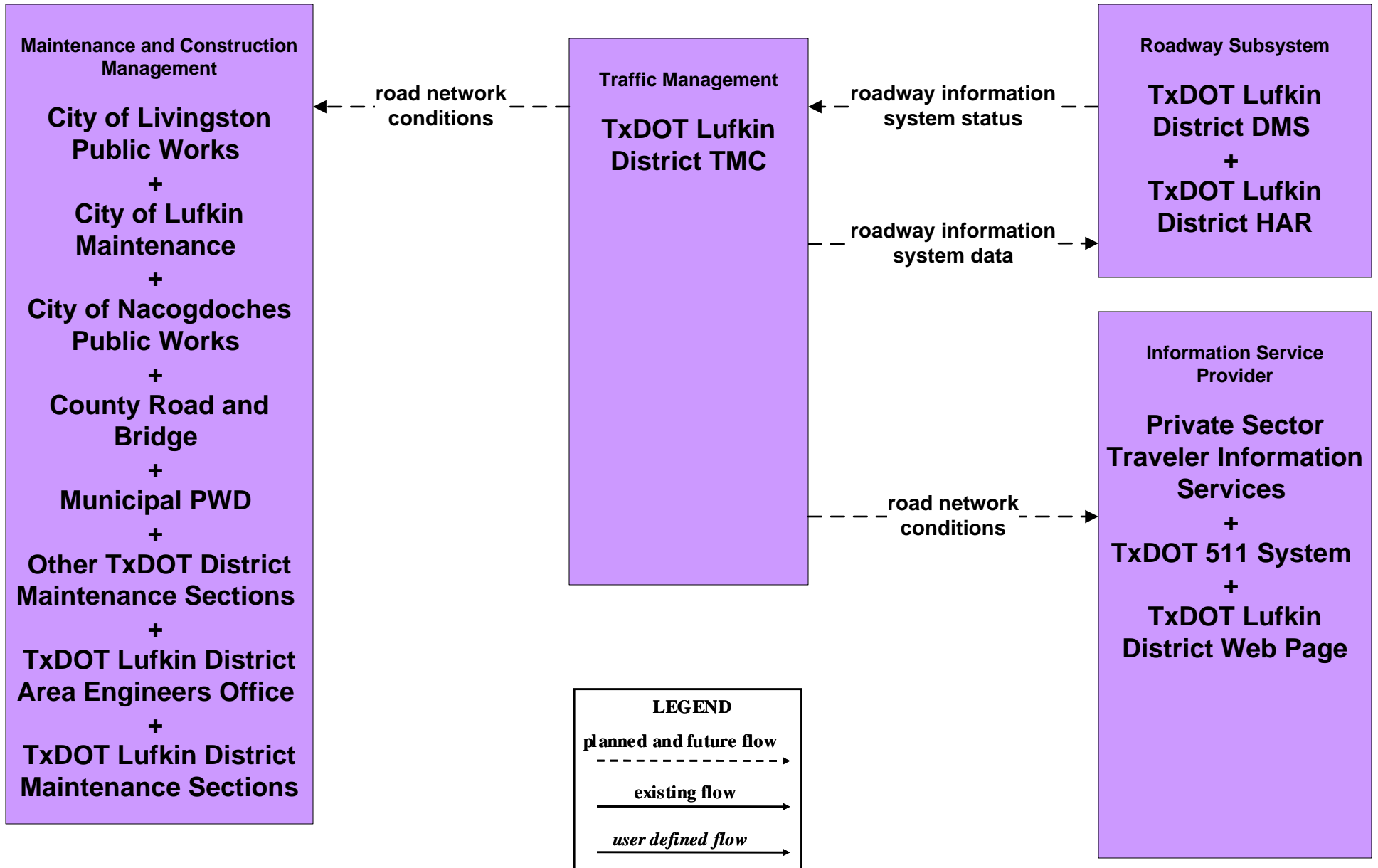
# ATMS16 - Parking Facility Management City of Lufkin



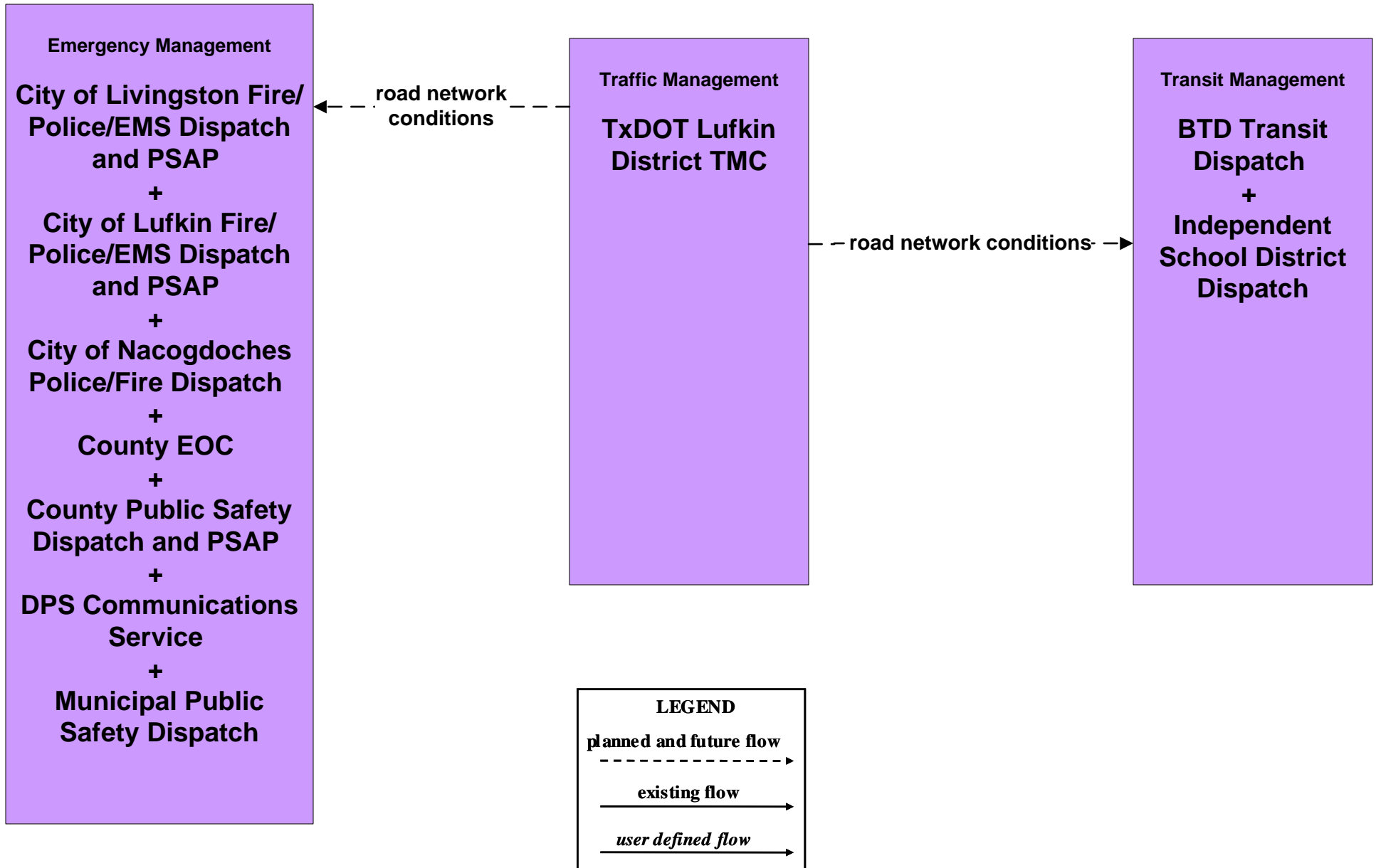
**ATMS19 - Speed Monitoring  
TxDOT Lufkin School Zone Pager System**



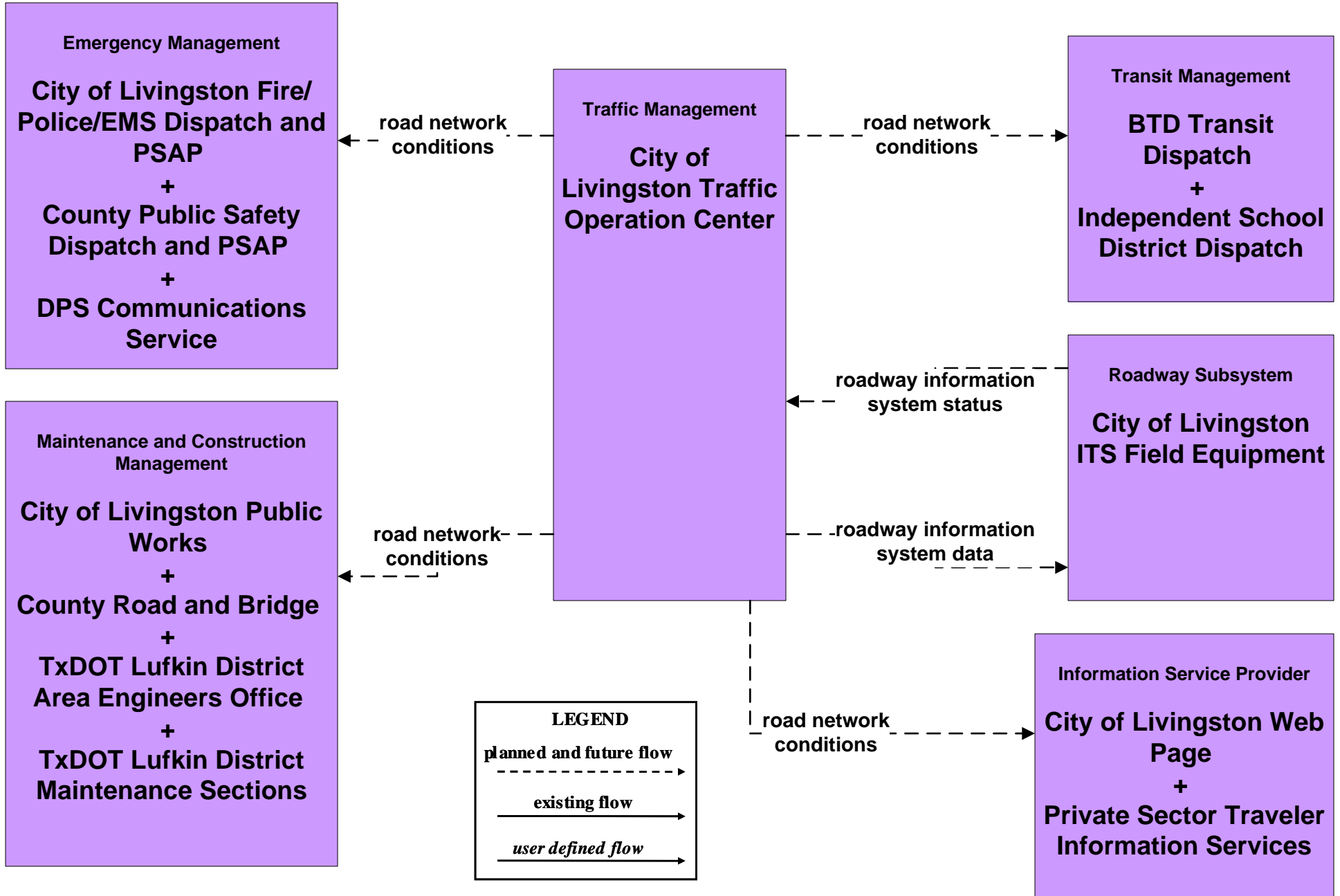
**ATMS21 - Roadway Closure Management  
 TxDOT Lufkin District Traffic Management Center (1 of 2)**



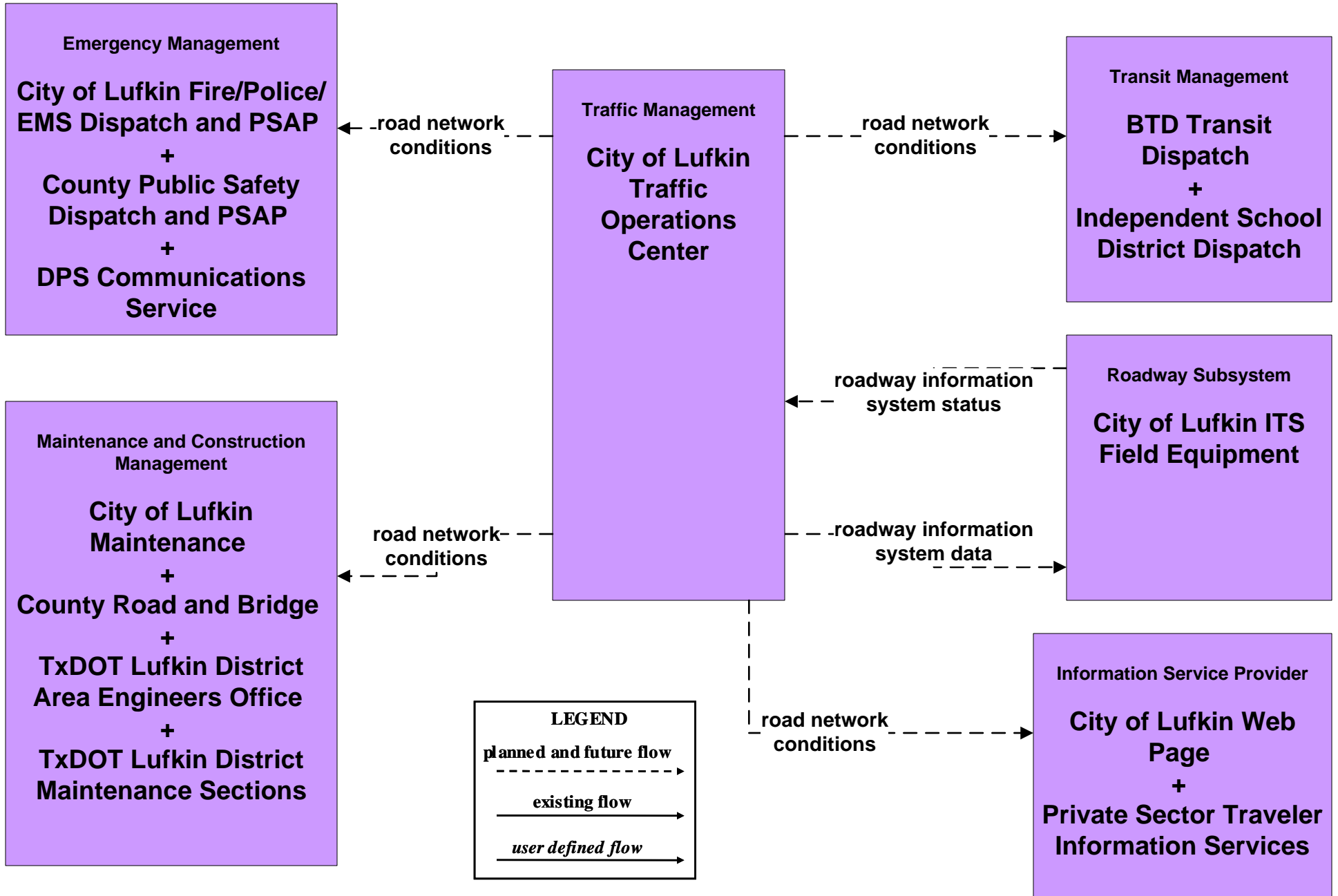
**ATMS21 - Roadway Closure Management  
TxDOT Lufkin District Traffic Management Center (2 of 2)**



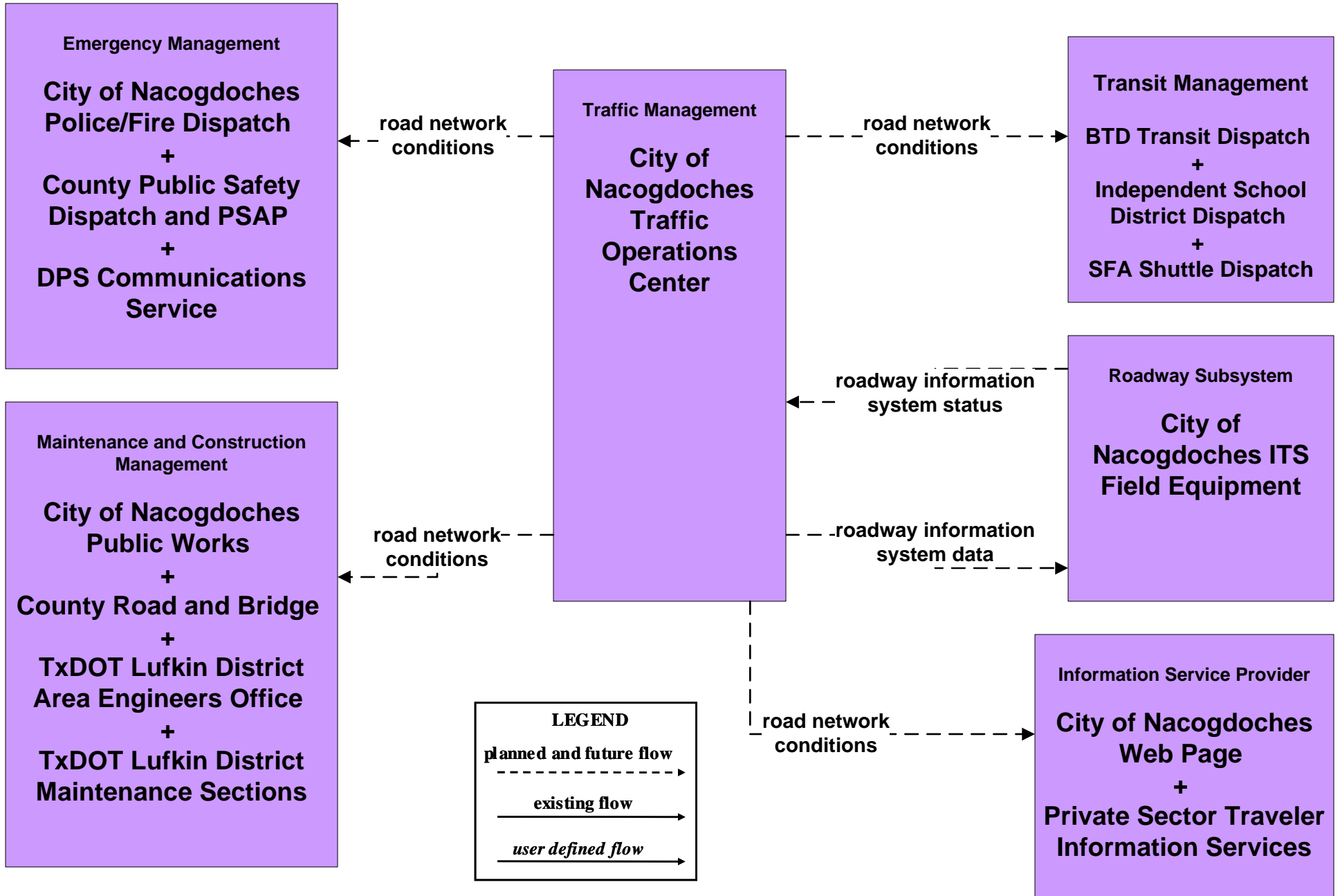
# ATMS21 - Roadway Closure Management City of Livingston



# ATMS21 - Roadway Closure Management City of Lufkin



**ATMS21 - Roadway Closure Management  
City of Nacogdoches**



# ATMS21 - Roadway Closure Management Municipalities

