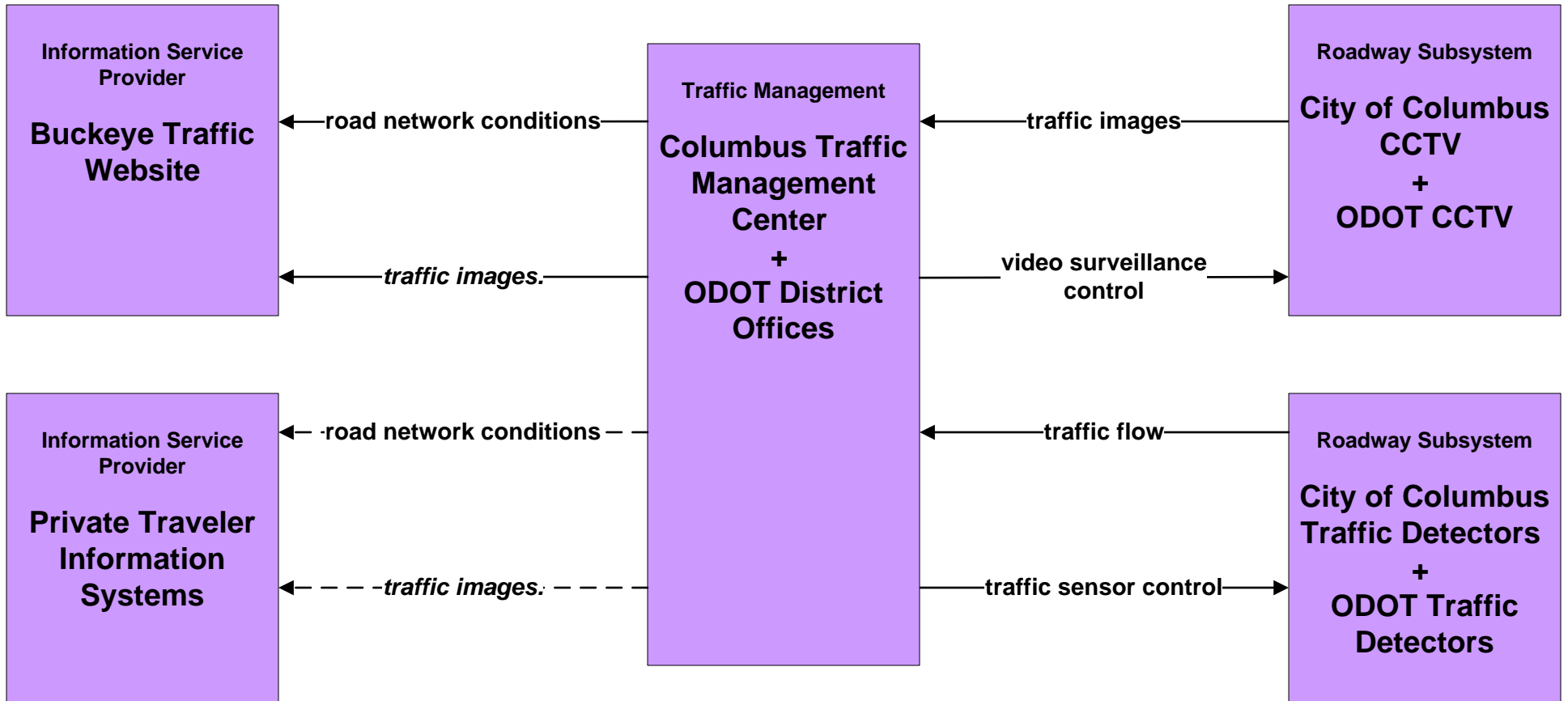


# **MORPC Regional ITS Architecture**

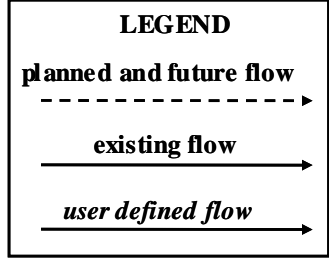
**Customized Market Package Diagrams**

**Advanced Traffic Management Systems  
(ATMS)**

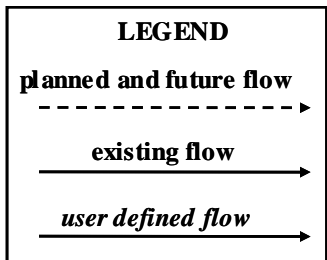
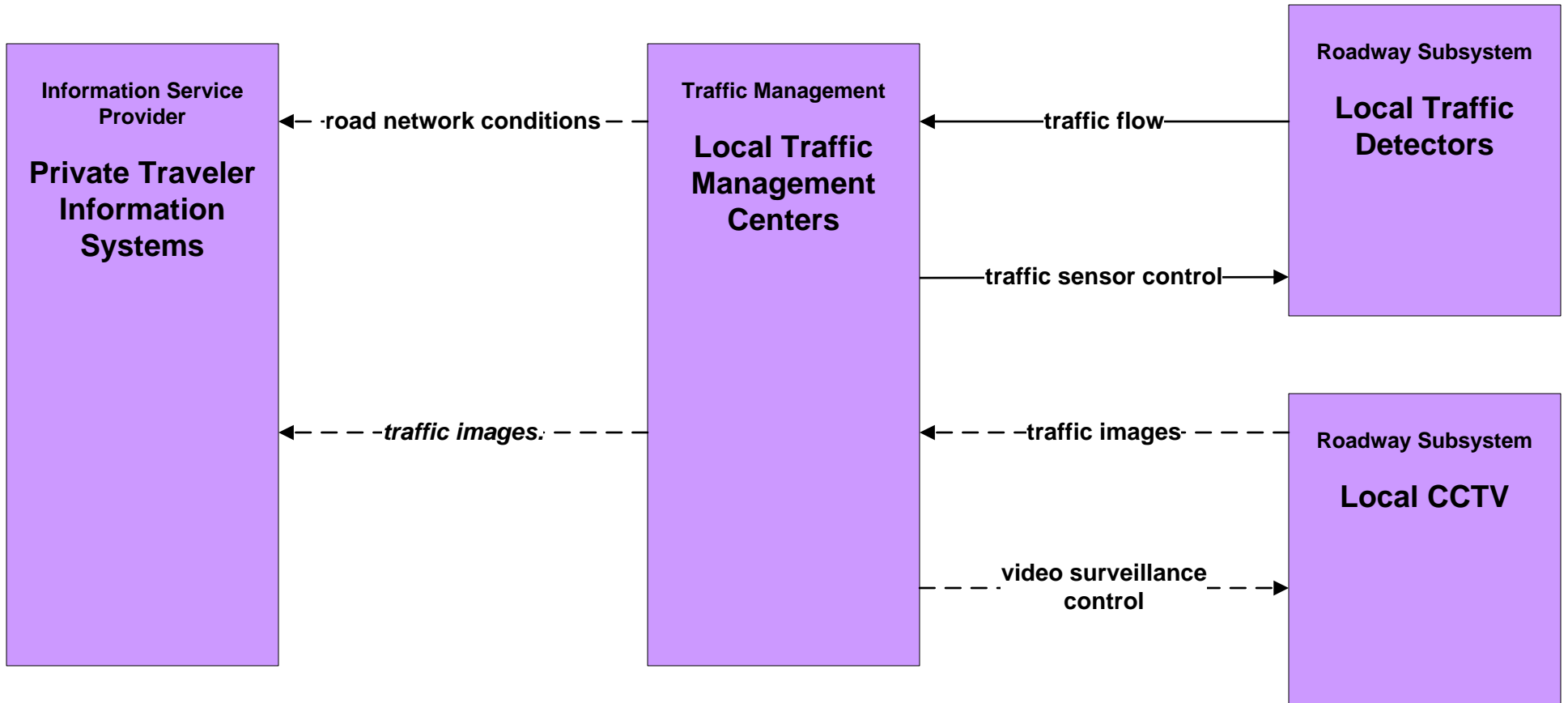
# ATMS01 - Network Surveillance City of Columbus / ODOT



*Private Traveler Information Systems includes the AAA website and Traffic.com.*

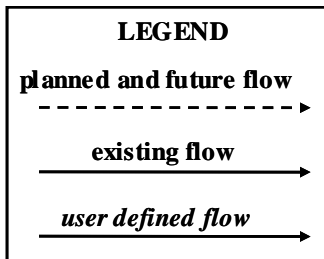
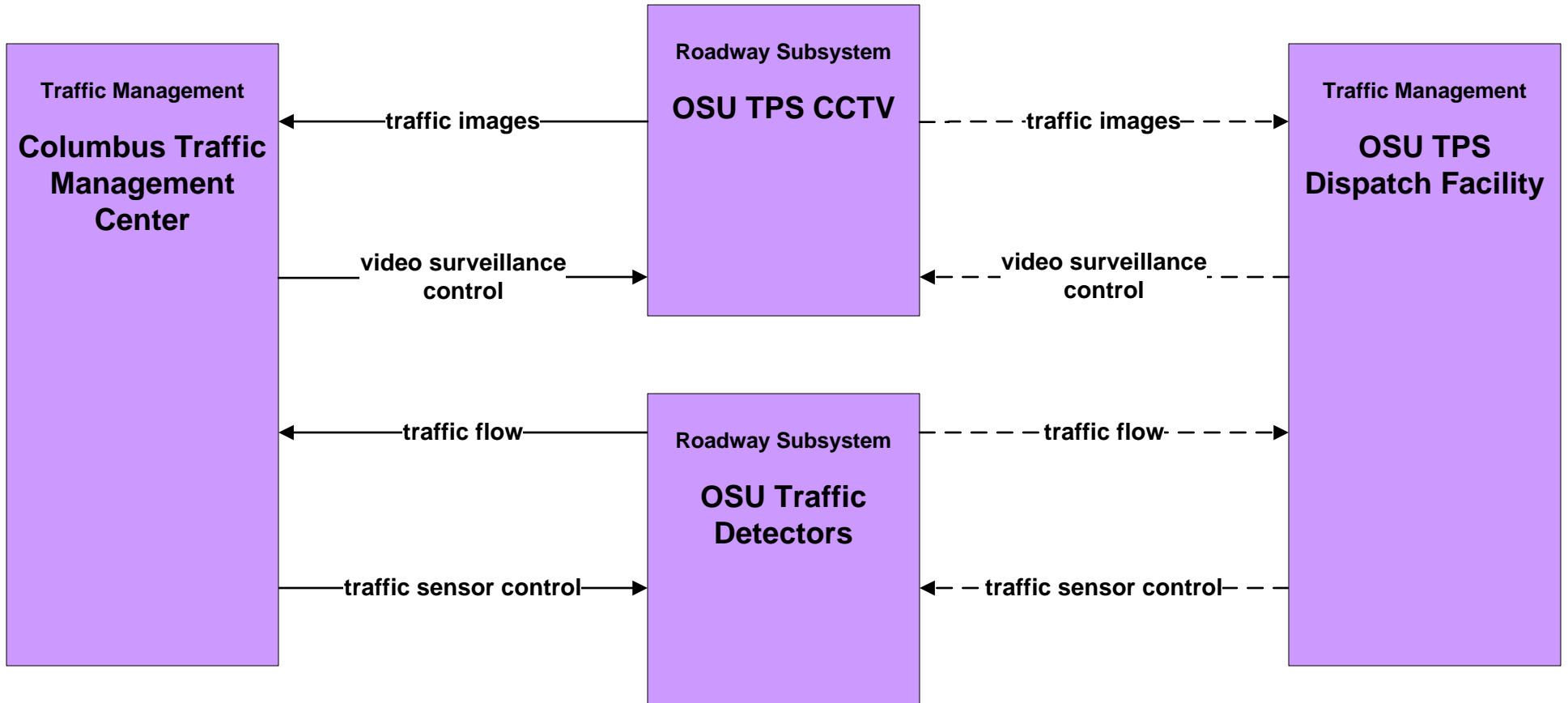


# ATMS01 - Network Surveillance Local Counties and Municipalities

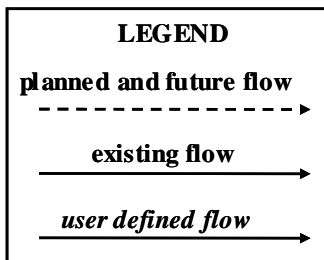
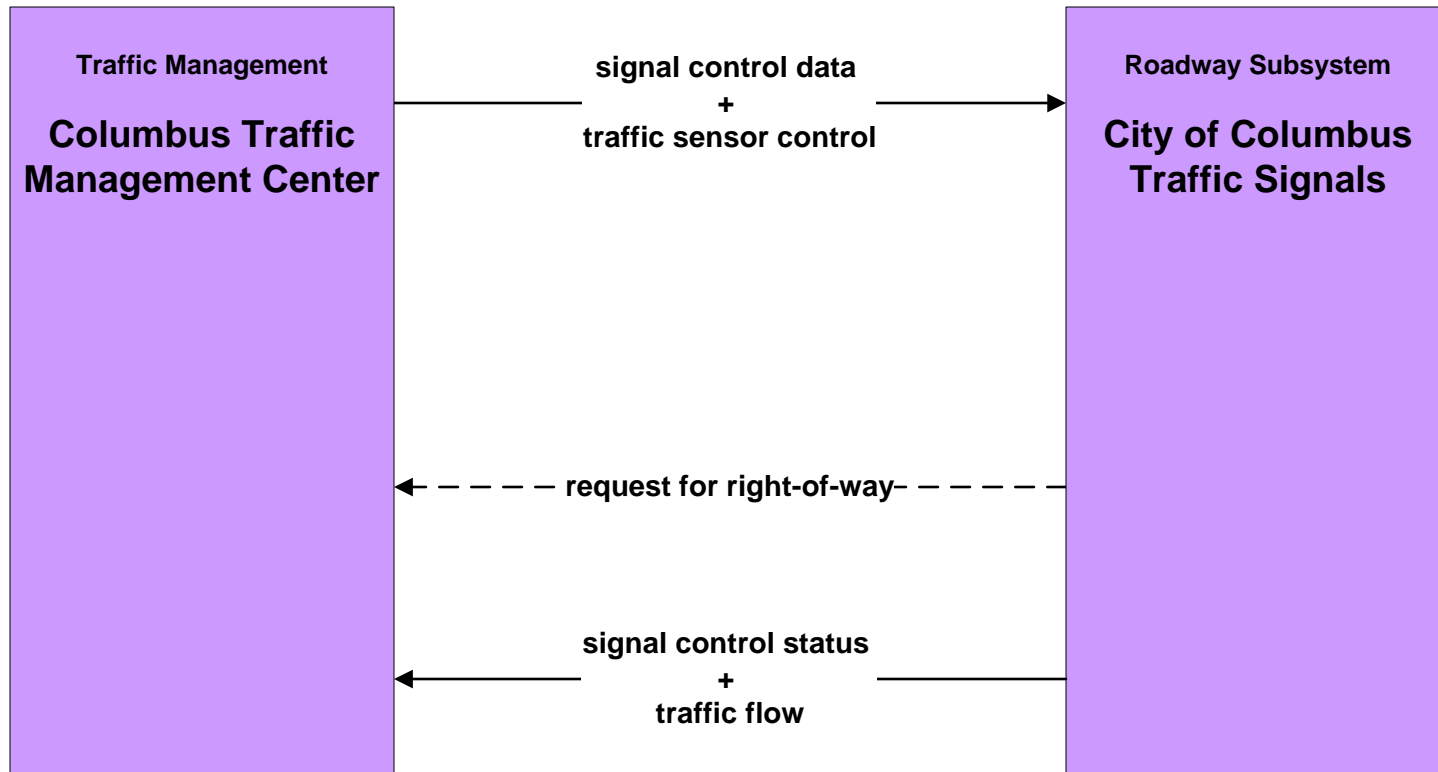


*The following municipalities and counties currently have CCTV as of March 2009: Franklin County EMA*

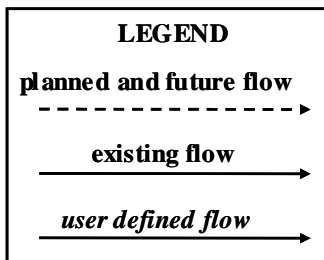
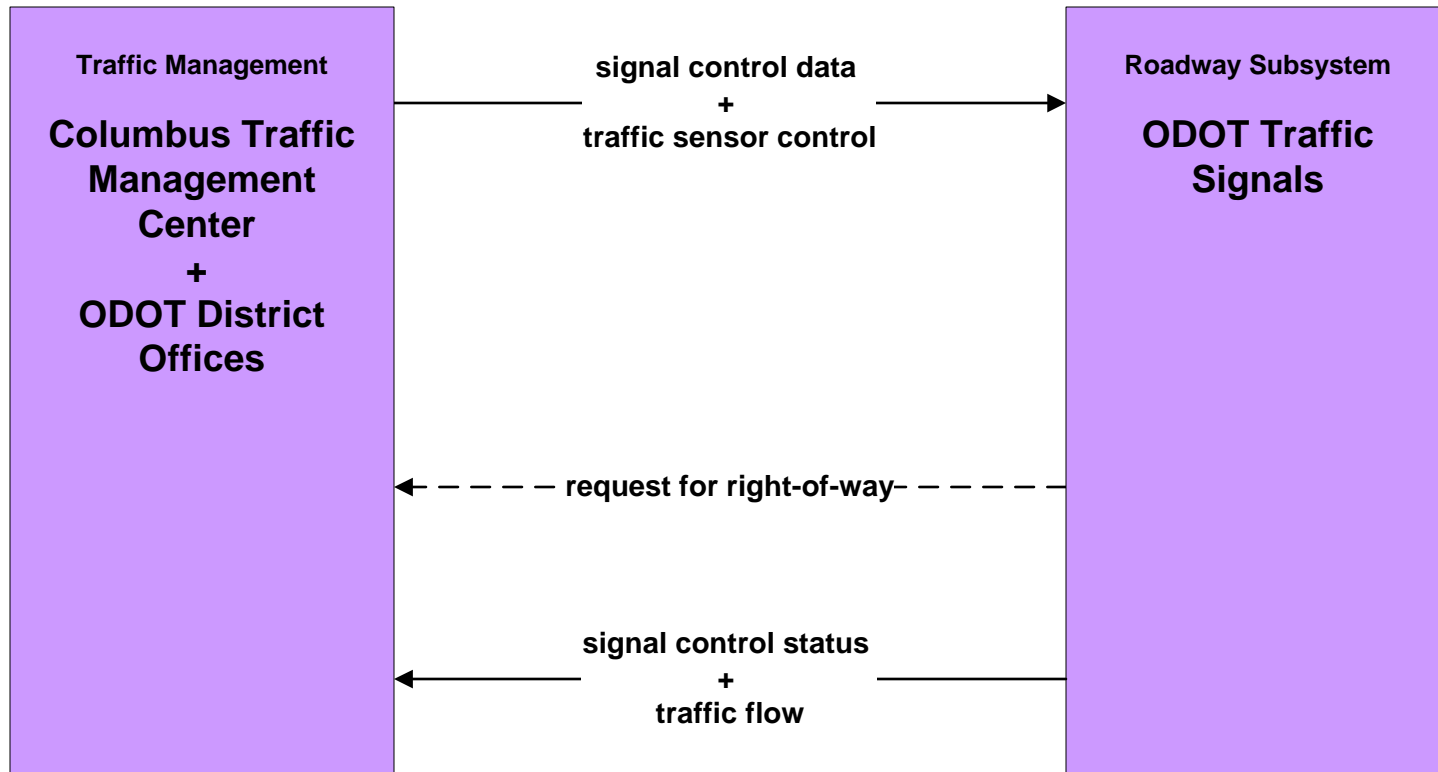
**ATMS01 - Network Surveillance**  
**Ohio State University**



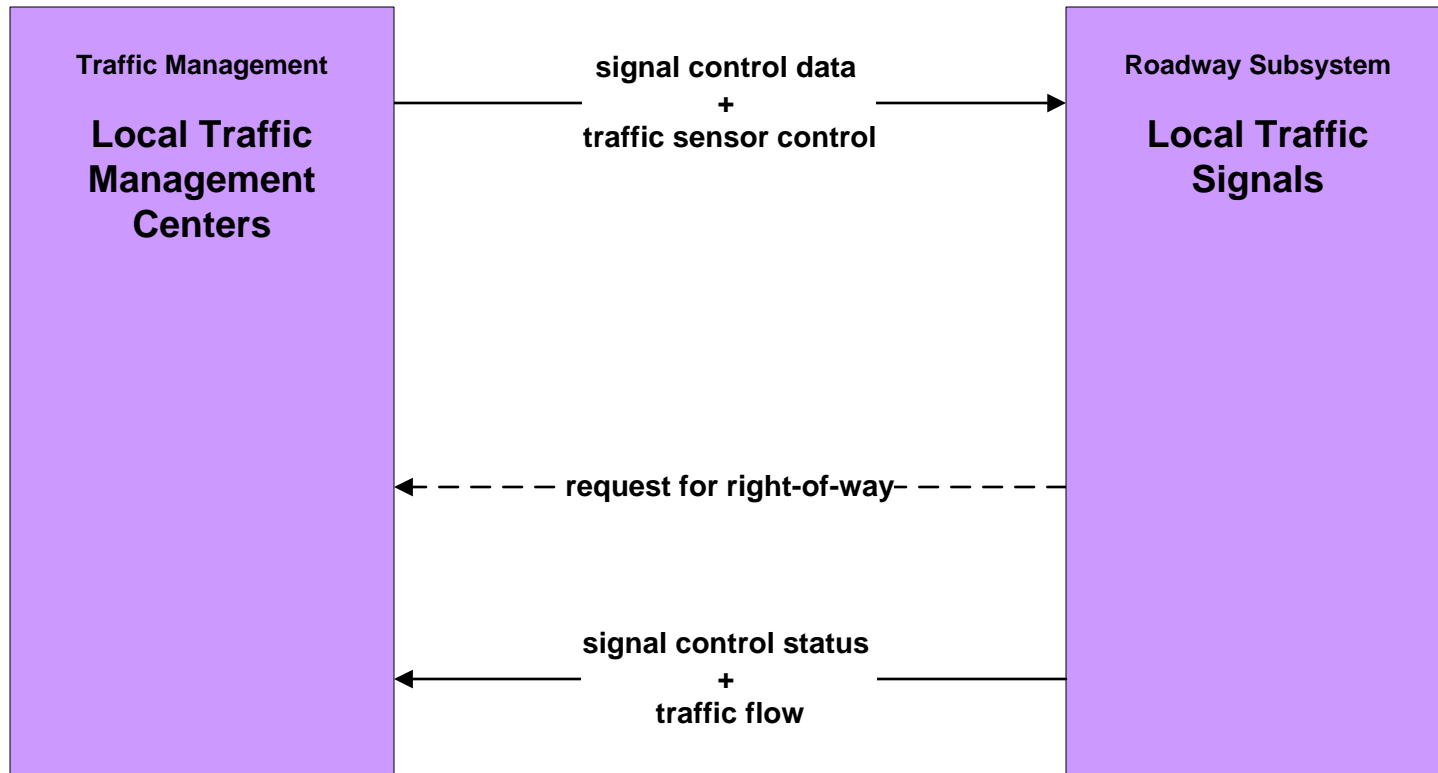
**ATMS03 - Surface Street Control  
City of Columbus**



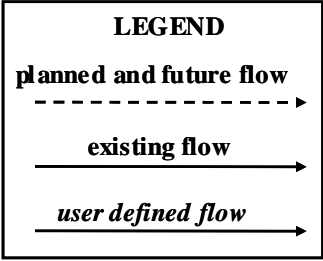
**ATMS03 - Surface Street Control  
ODOT**



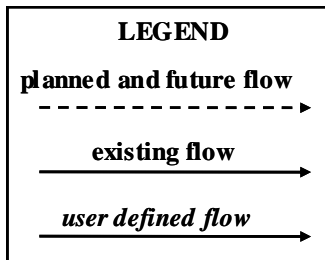
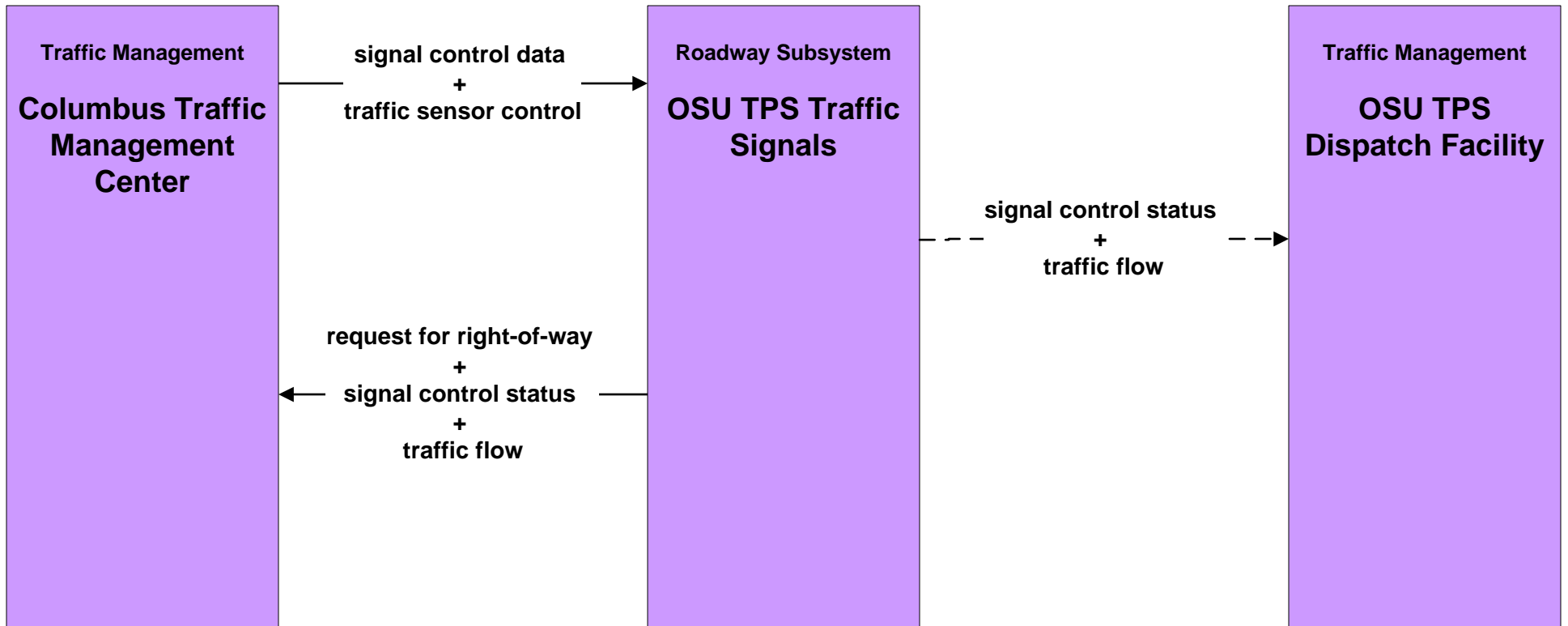
# ATMS03 - Surface Street Control Local Counties and Municipalities



*These flows are existing for the following cities and counties as of March 2009:  
Fairfield County, Franklin County, Canal Winchester, Gahanna, Hilliard, New Albany, Pickerington, and Upper Arlington.*

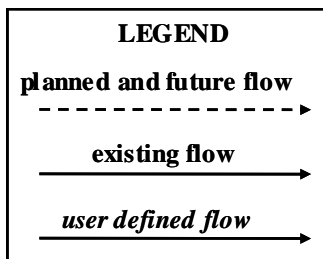
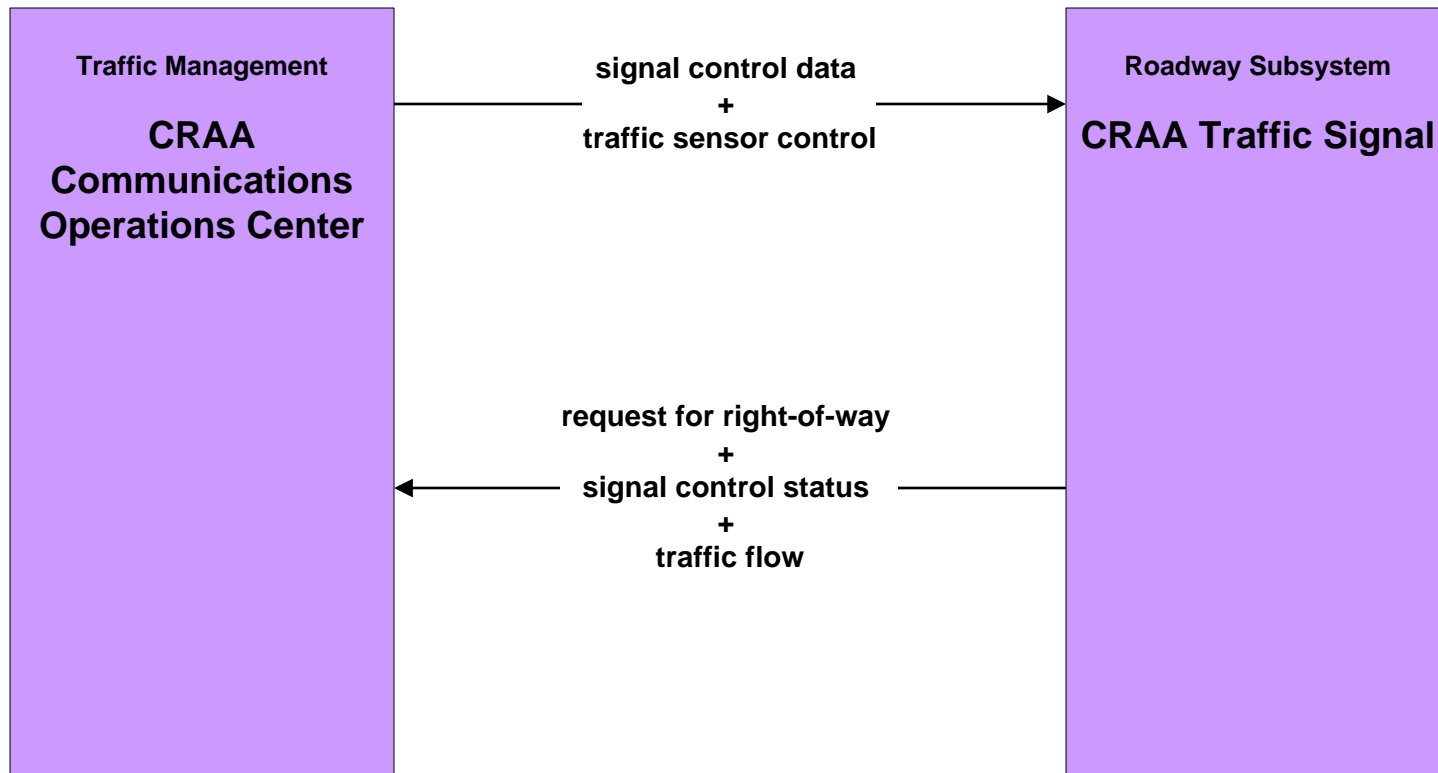


**ATMS03 - Surface Street Control**  
**Ohio State University**

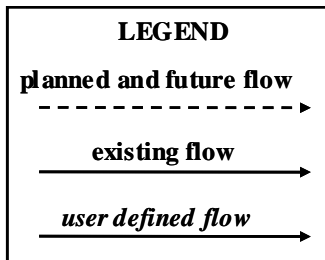
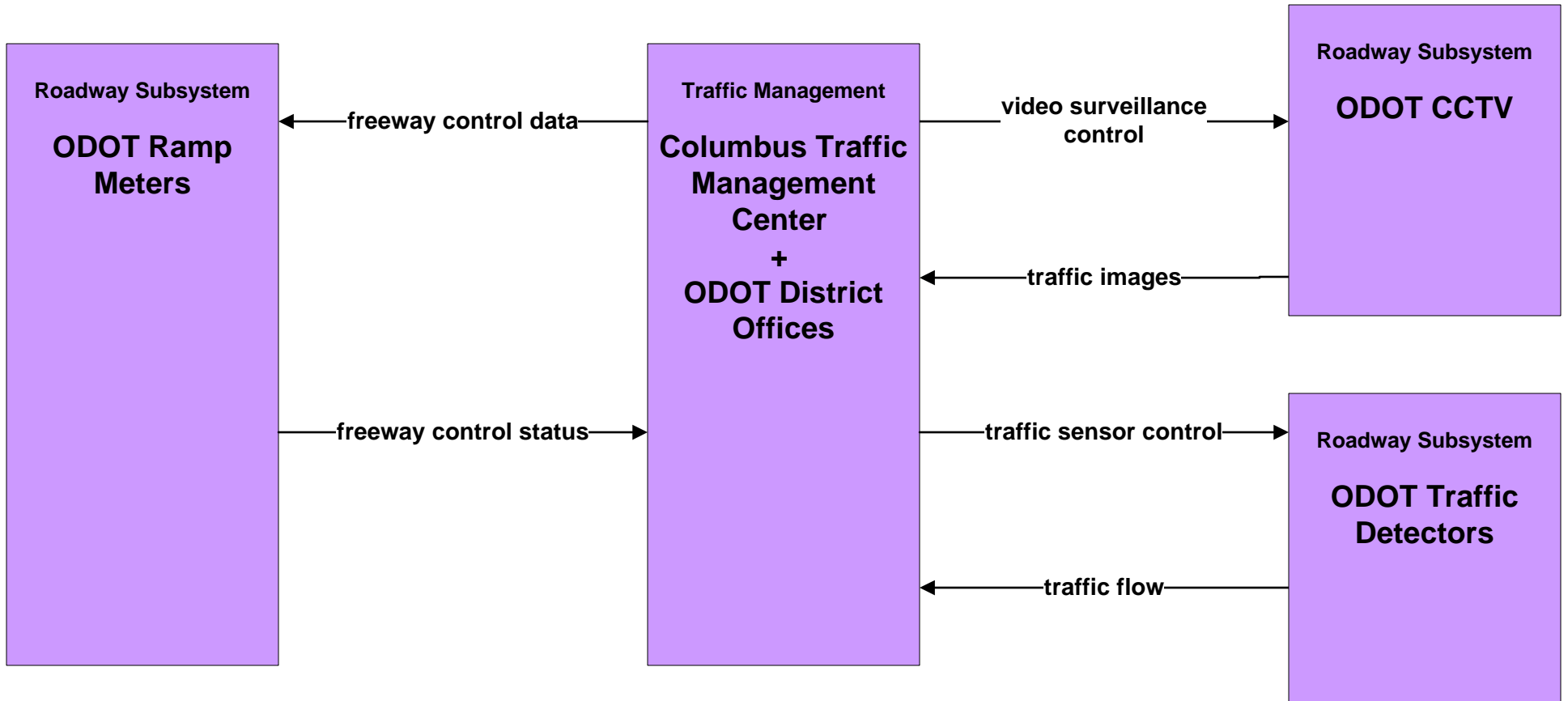




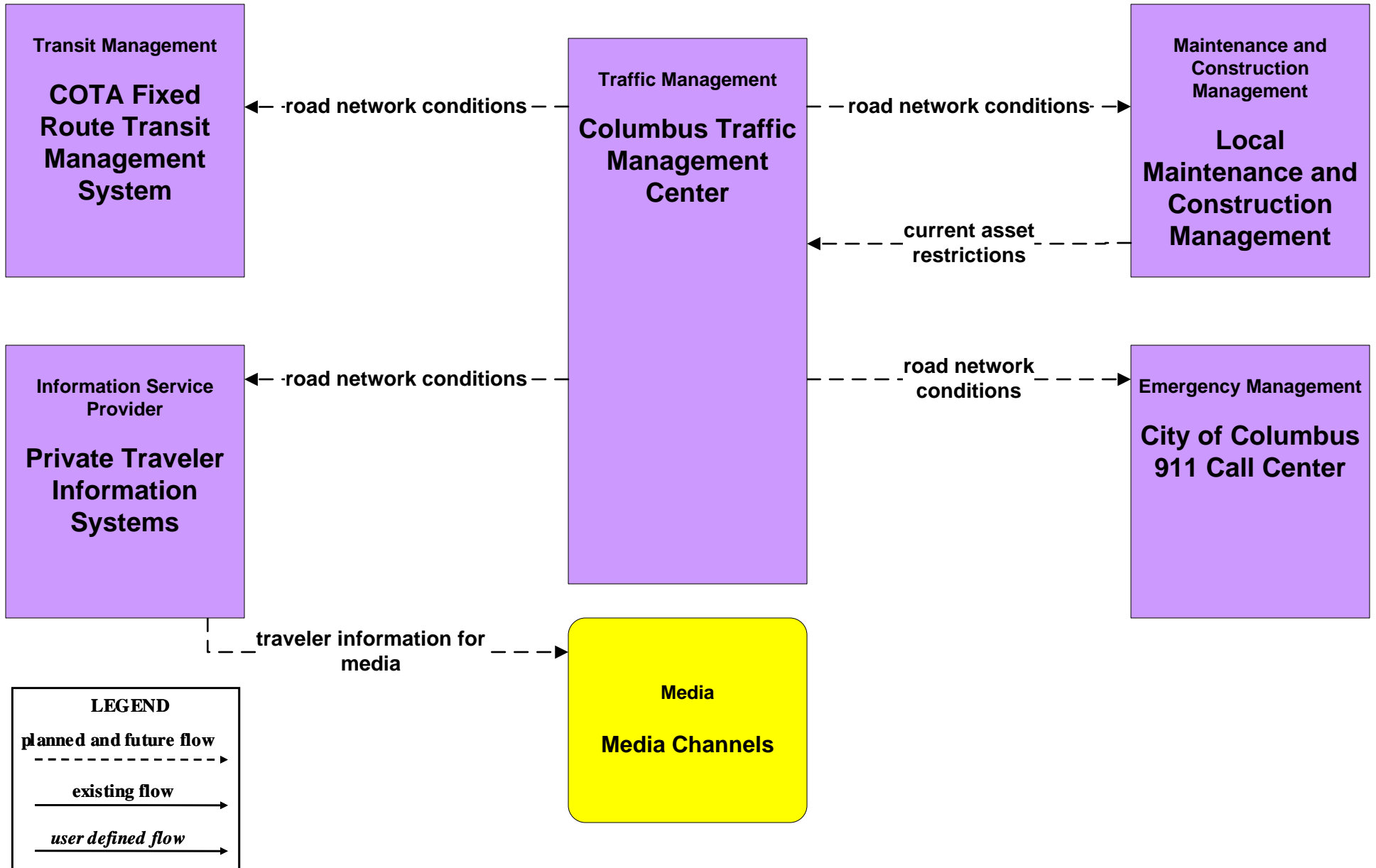
**ATMS03 - Surface Street Control**  
**Columbus Regional Airport Authority**



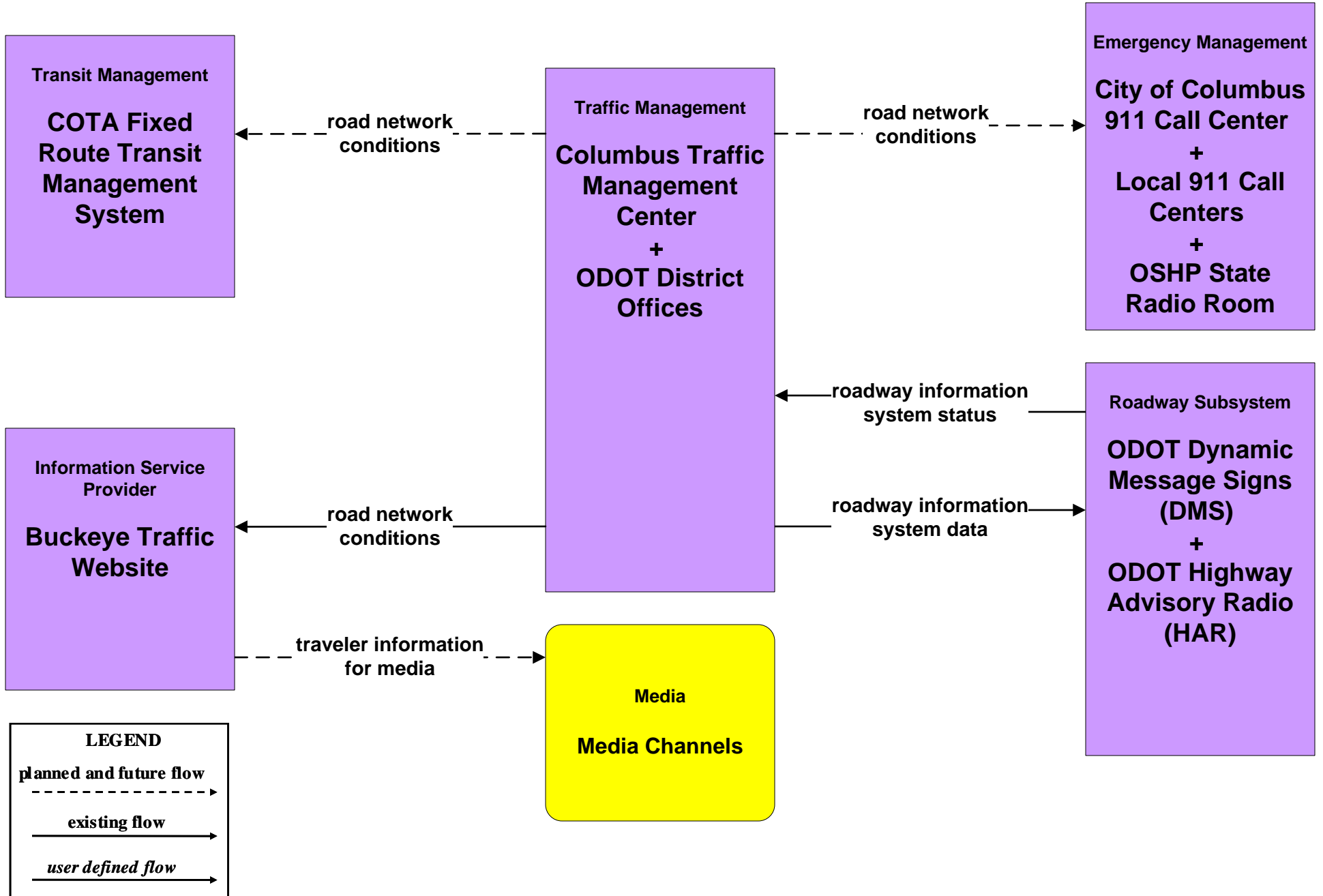
**ATMS04 - Freeway Control  
ODOT**



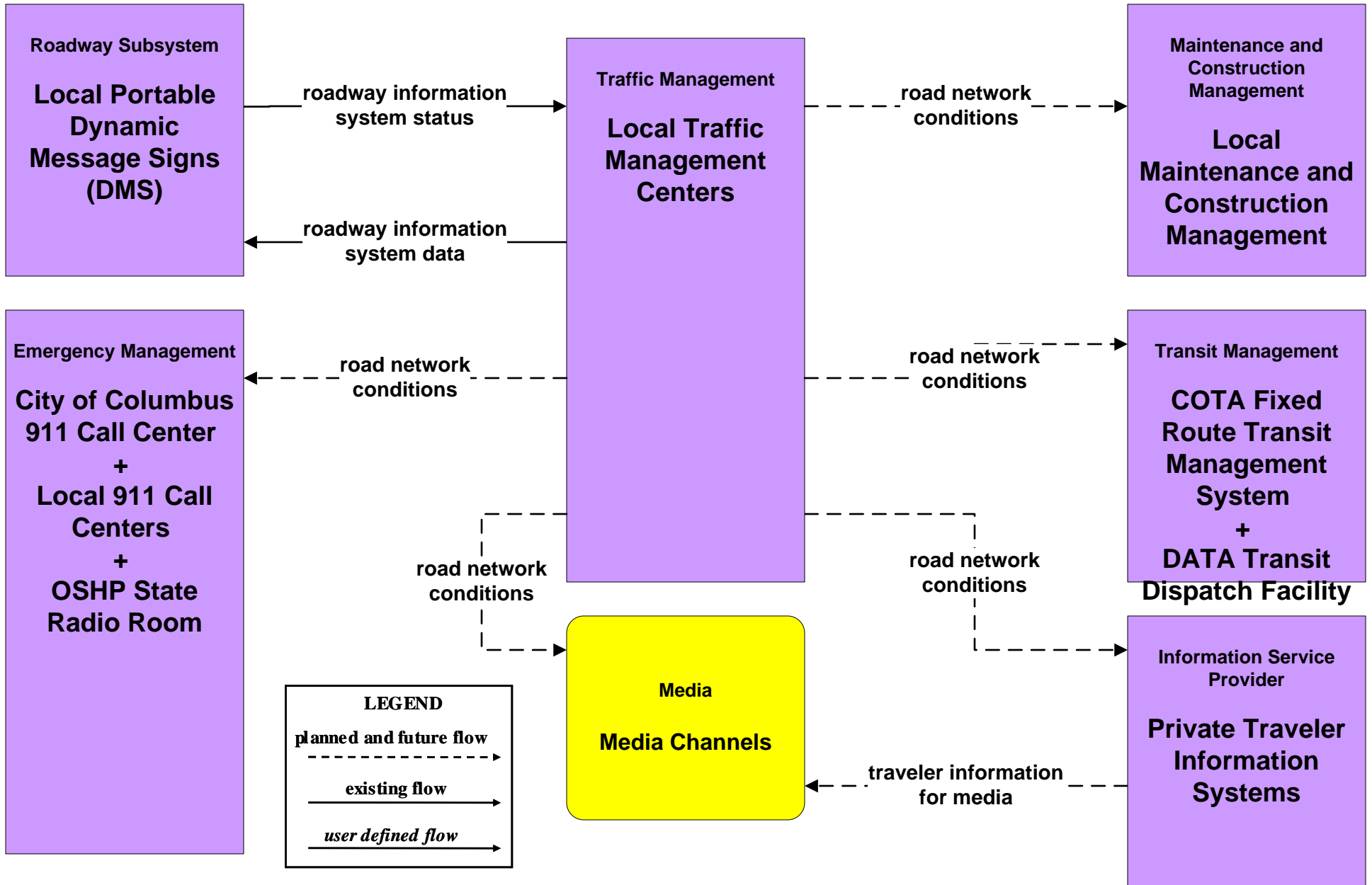
**ATMS06 - Traffic Information Dissemination  
City of Columbus**



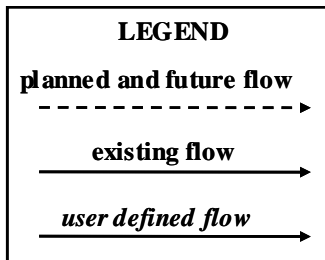
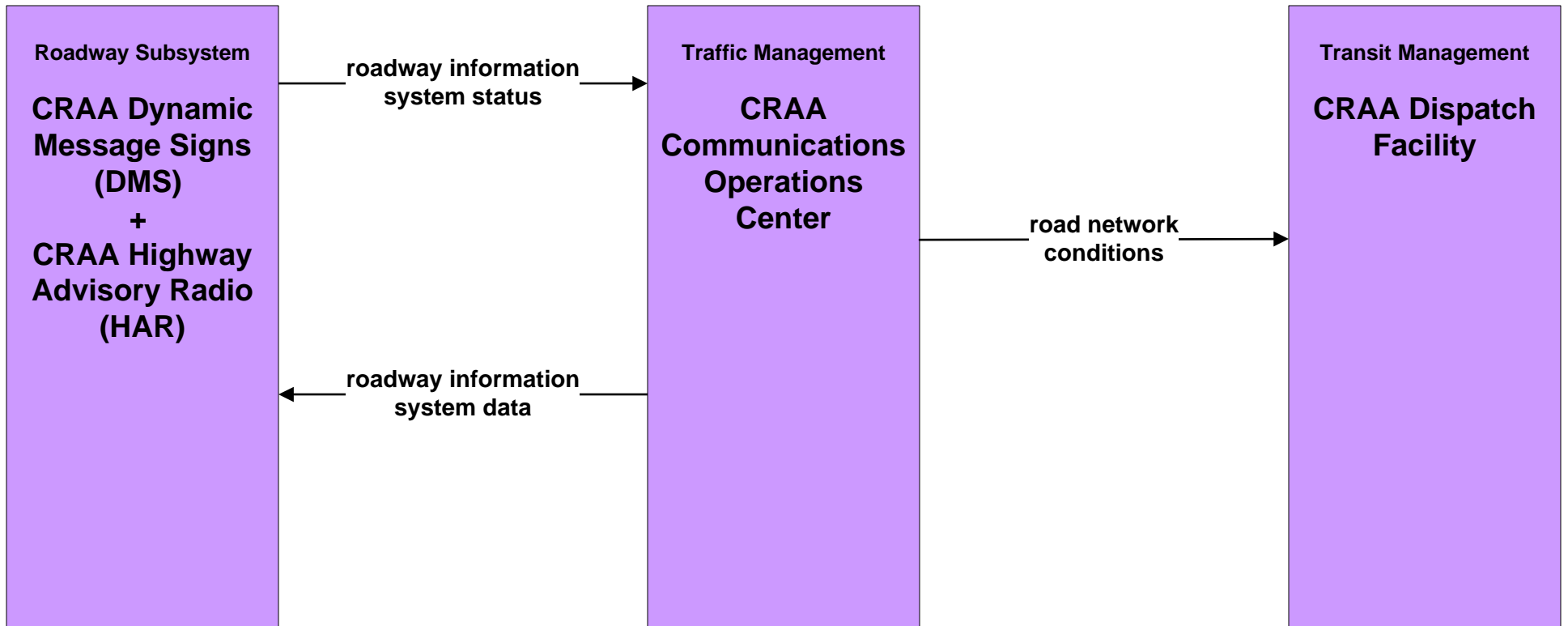
# ATMS06 - Traffic Information Dissemination ODOT



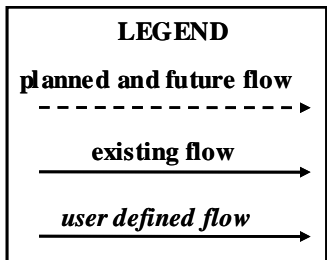
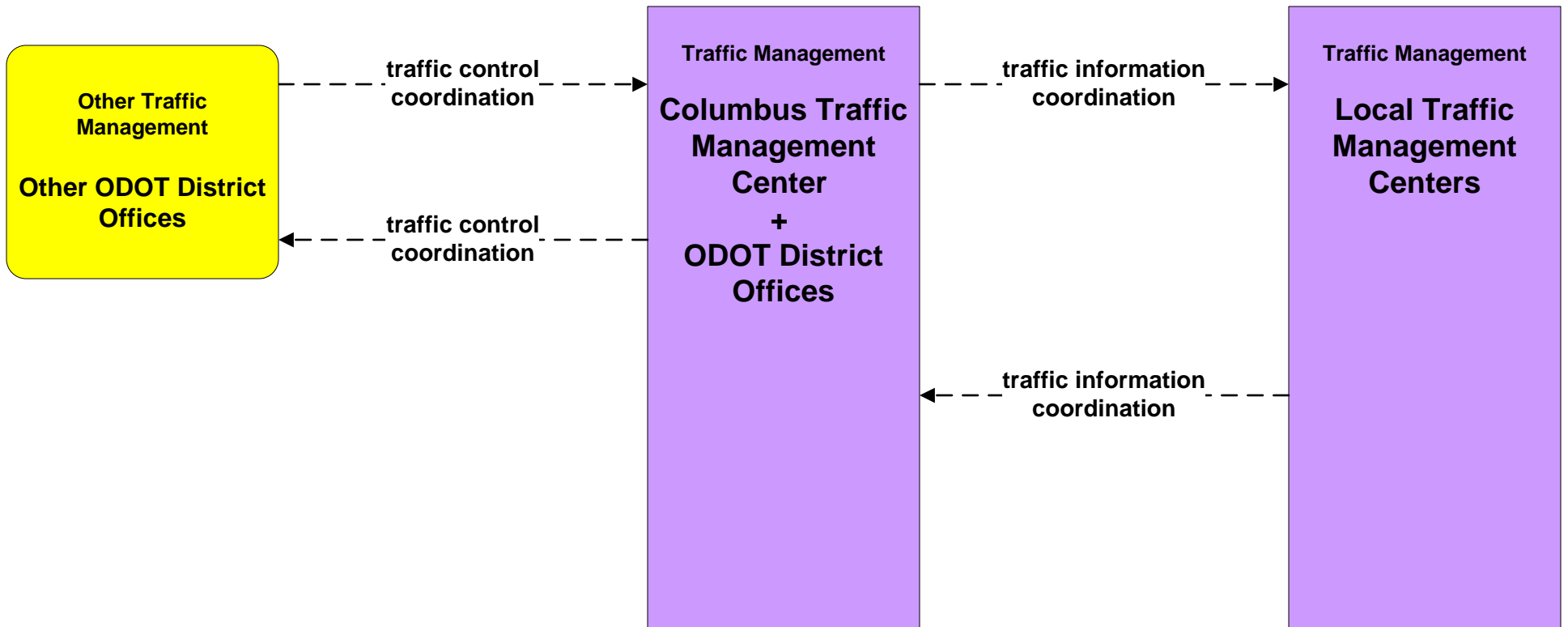
# ATMS06 - Traffic Information Dissemination Local Counties and Municipalities



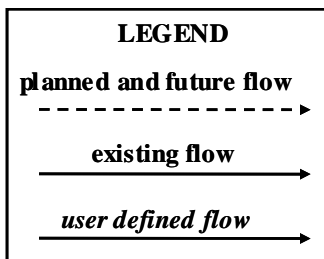
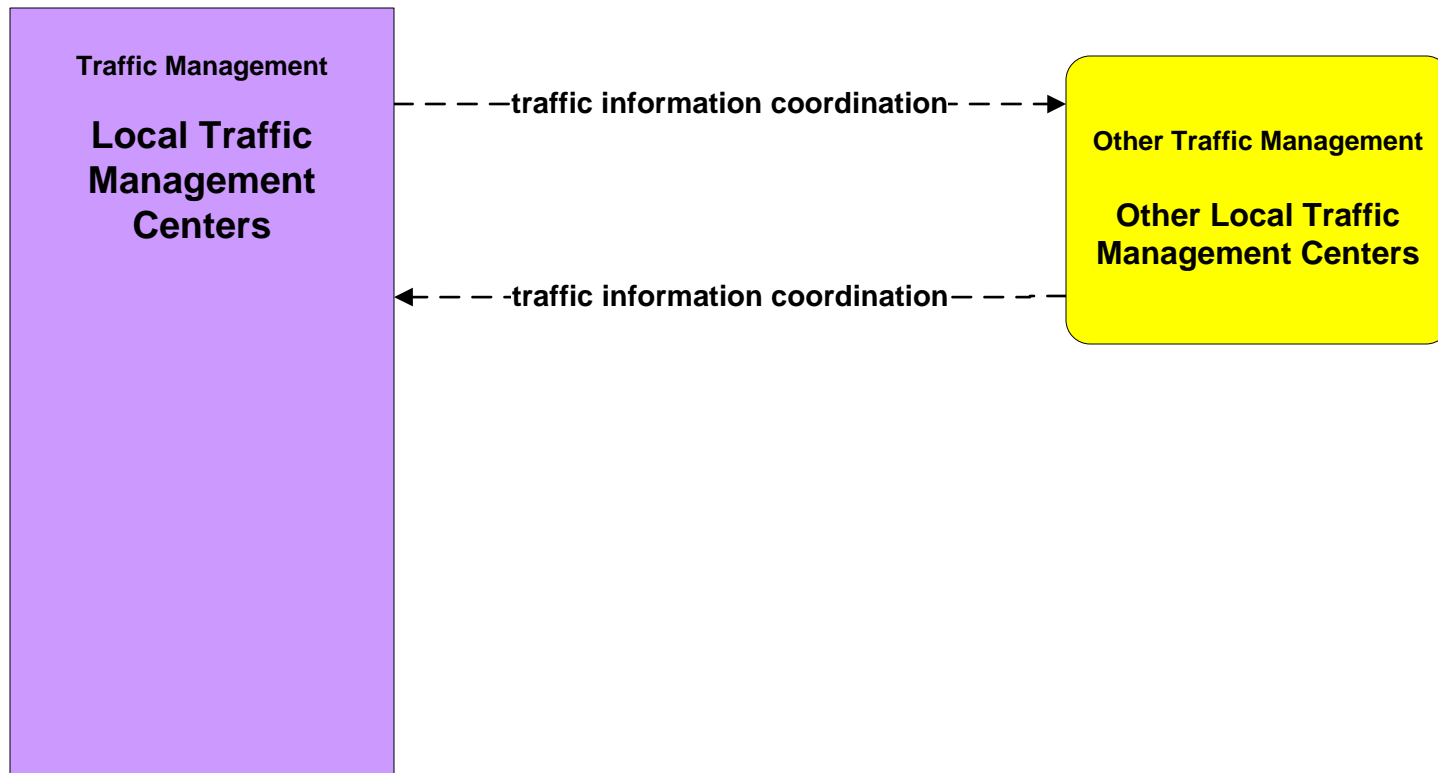
**ATMS06 - Traffic Information Dissemination  
Columbus Regional Airport Authority**



**ATMS07 - Regional Traffic Management  
City of Columbus / ODOT**



**ATMS07 - Regional Traffic Control  
Local Counties and Municipalities**





## **Incident Management Overview**

### *ATMS08 Covered*

*Emergency Management <-- --> Traffic Management*

*Emergency Management <-- --> Maintenance and Construction*

*Traffic Management <-- --> Maintenance and Construction*

*Maintenance and Construction <-- --> Maintenance and Construction*

*Event Plans and Weather <-- --> Traffic Management & Emergency  
Management (see MCs for M&C)*

### *ATMS06, 03, 04, etc. Covered*

*Traffic Management <-- --> Roadway*

### *ATMS07 Covered*

*Traffic Management <-- --> Traffic Management*

### *EM01 Covered*

*Emergency Management <-- --> Emergency Management*

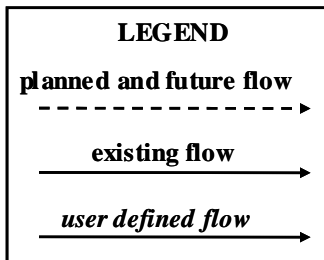
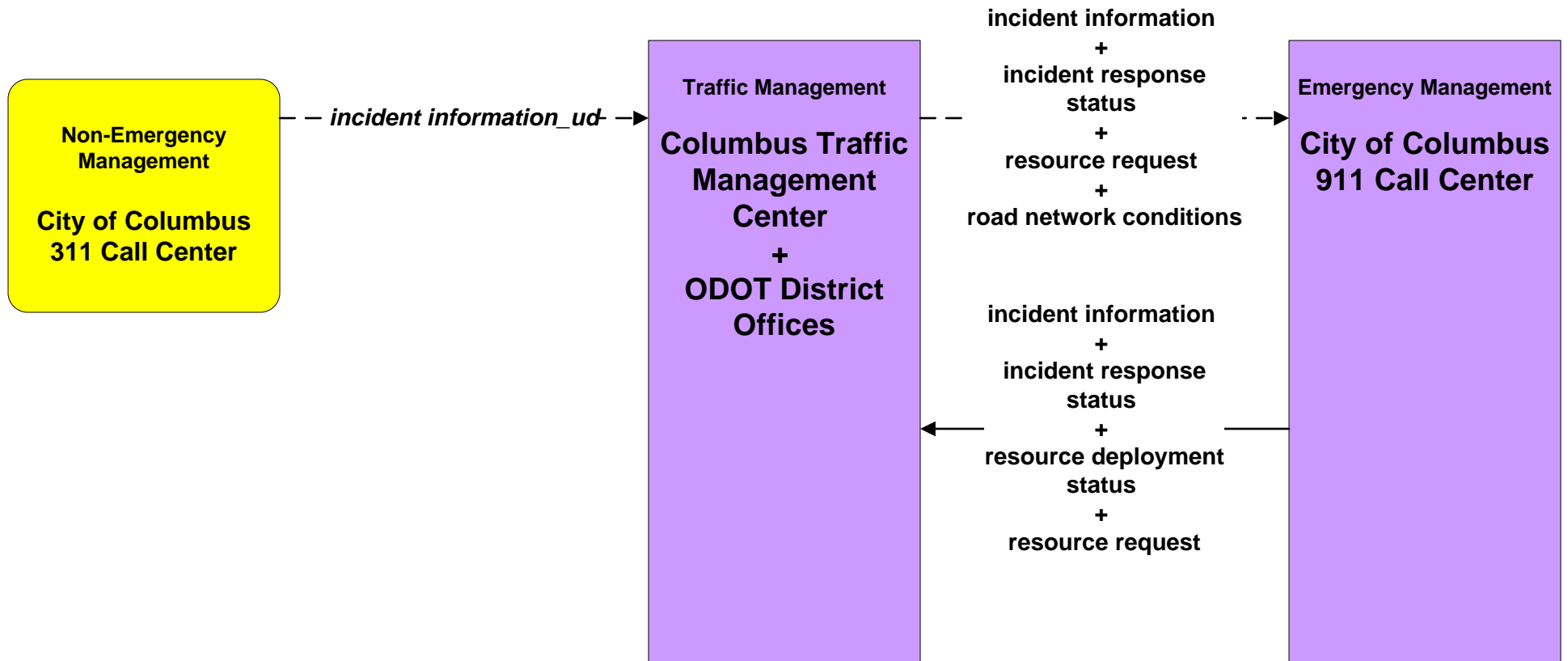
### *EM02 Covered*

*Emergency Vehicle Preemption*

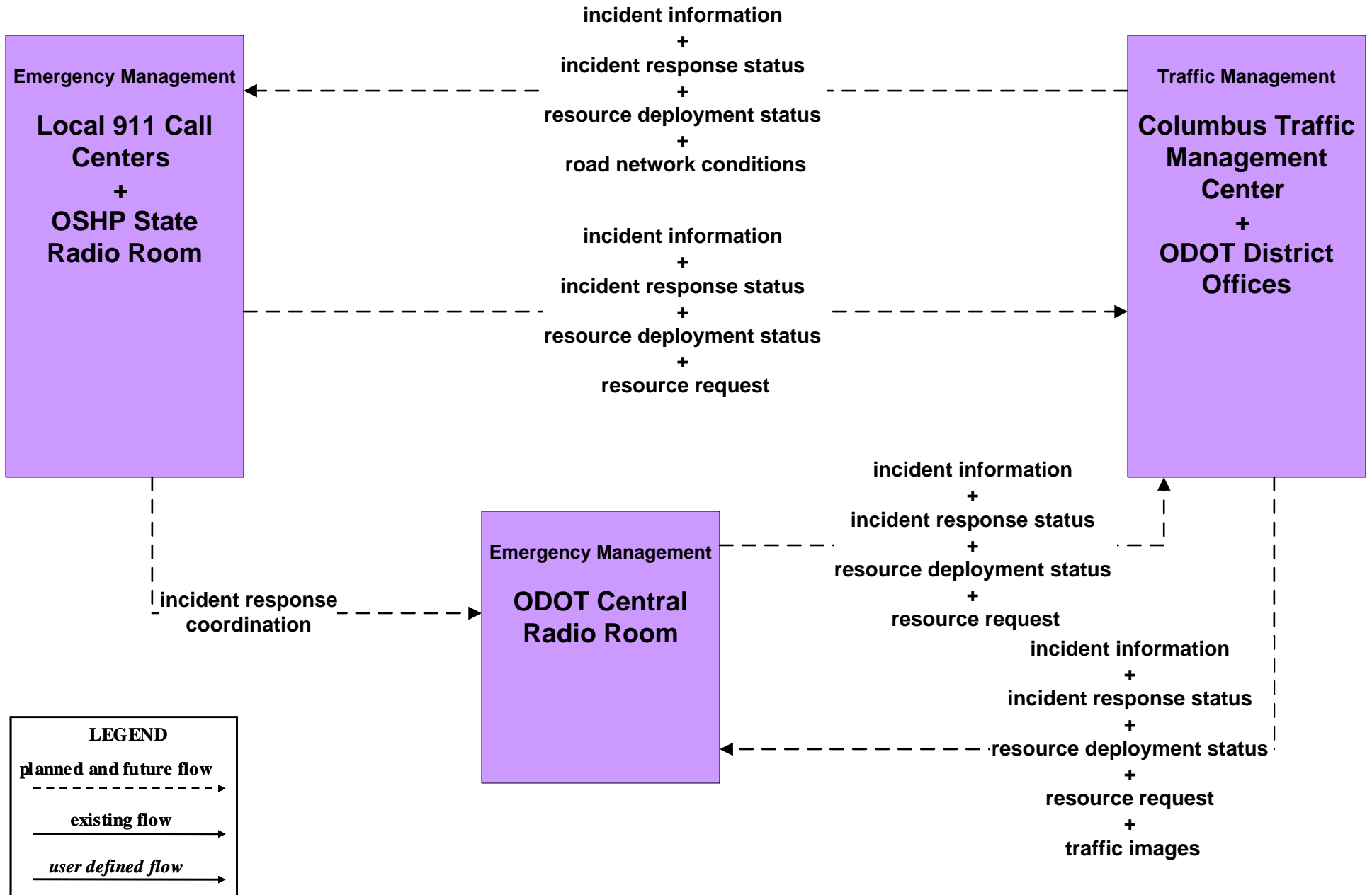
## **ATMS08 - Incident Management**

*Traffic Management <-- --> Emergency Management*

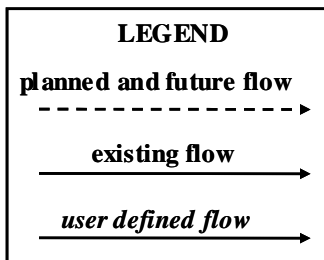
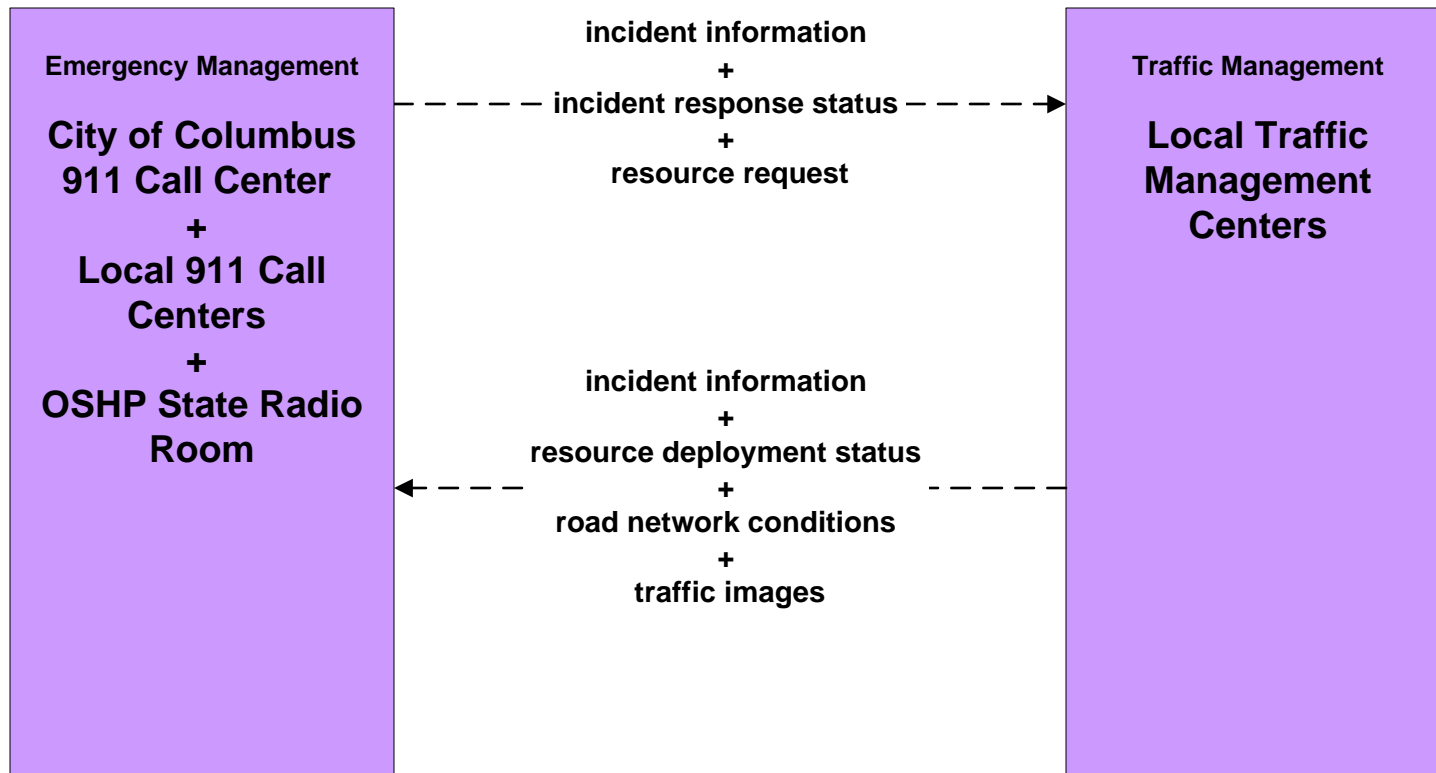
# ATMS08 - Incident Management City of Columbus / ODOT (TM to EM)



# ATMS08 - Incident Management ODOT (TM to EM)



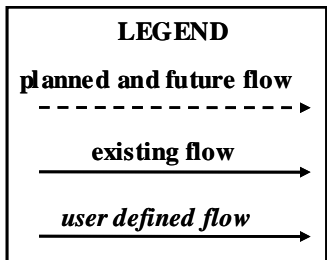
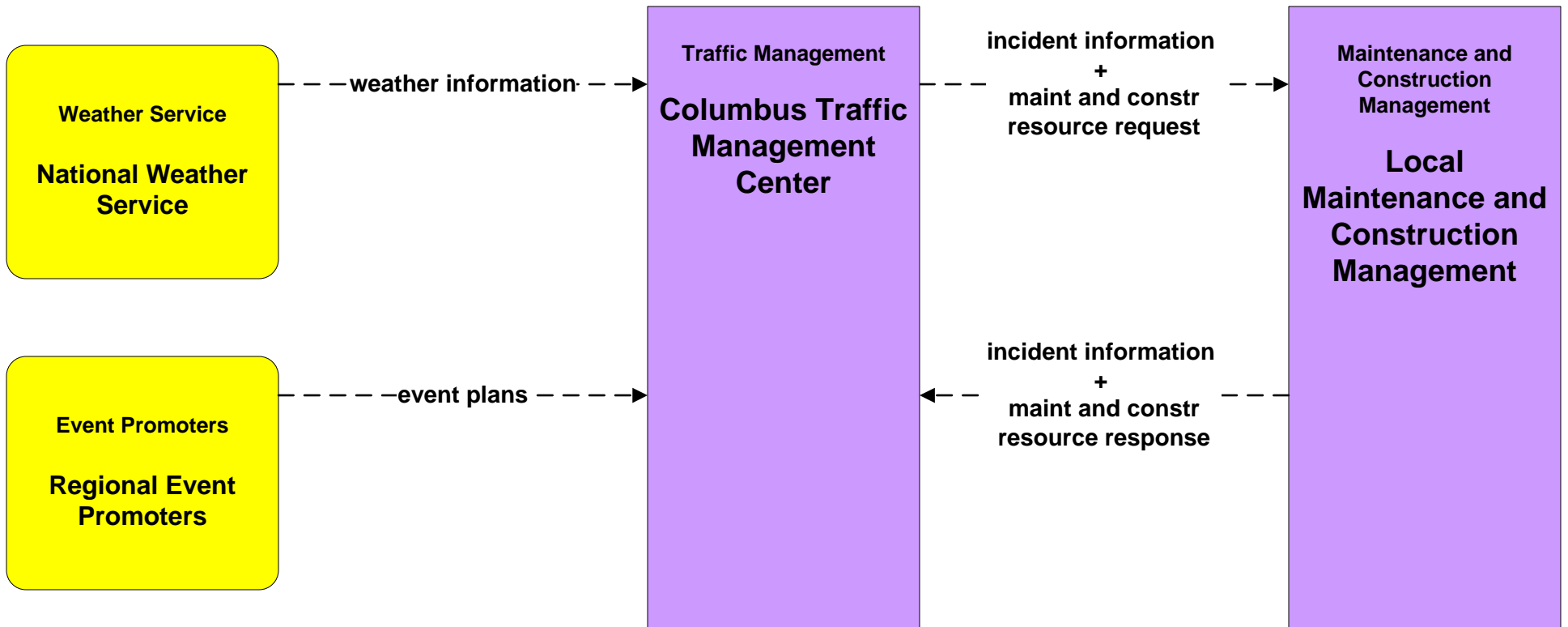
**ATMS08 - Incident Management  
Local Counties and Municipalities (TM to EM)**



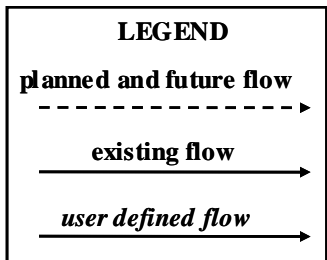
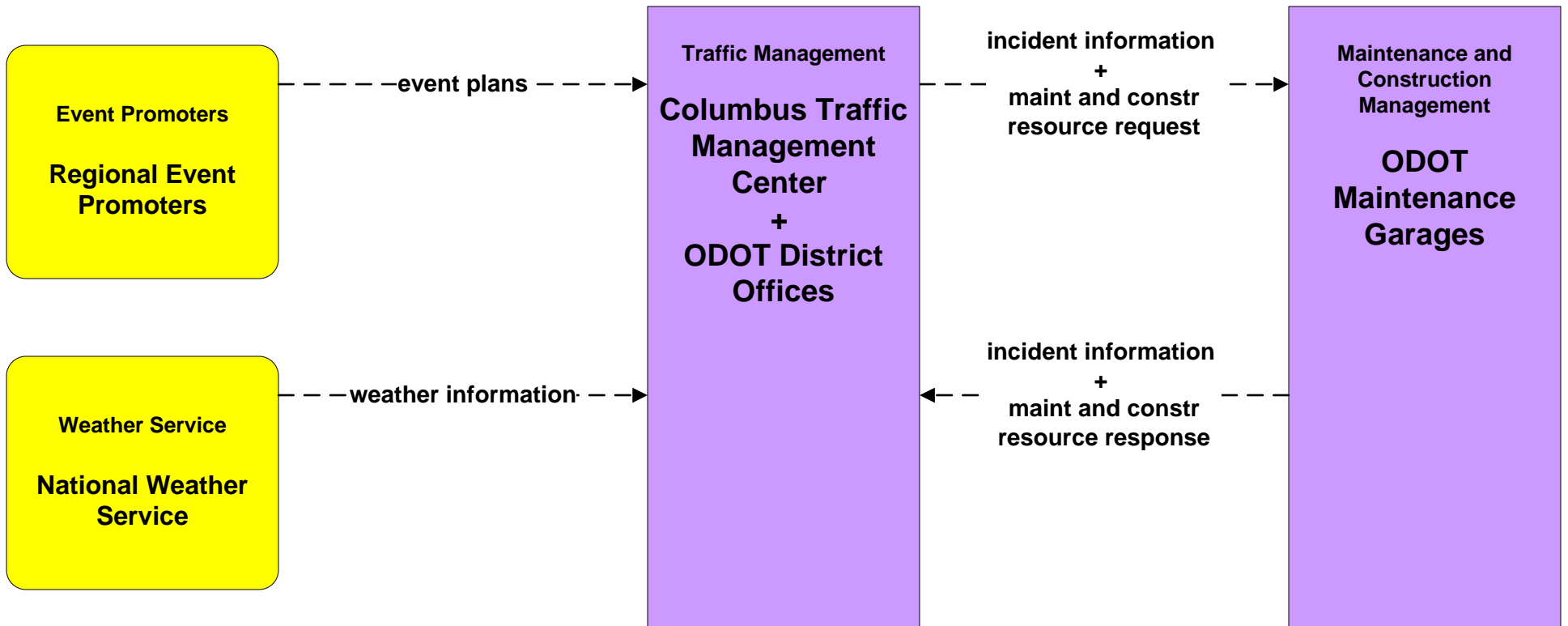
## **ATMS08 - Incident Management**

*Traffic Management <-- --> Maintenance and Construction Management*

**ATMS08 - Incident Management  
City of Columbus (TM to MCM)**

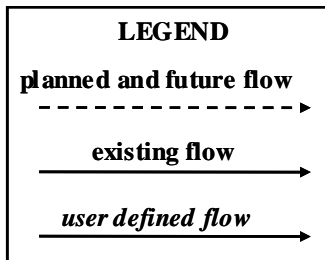
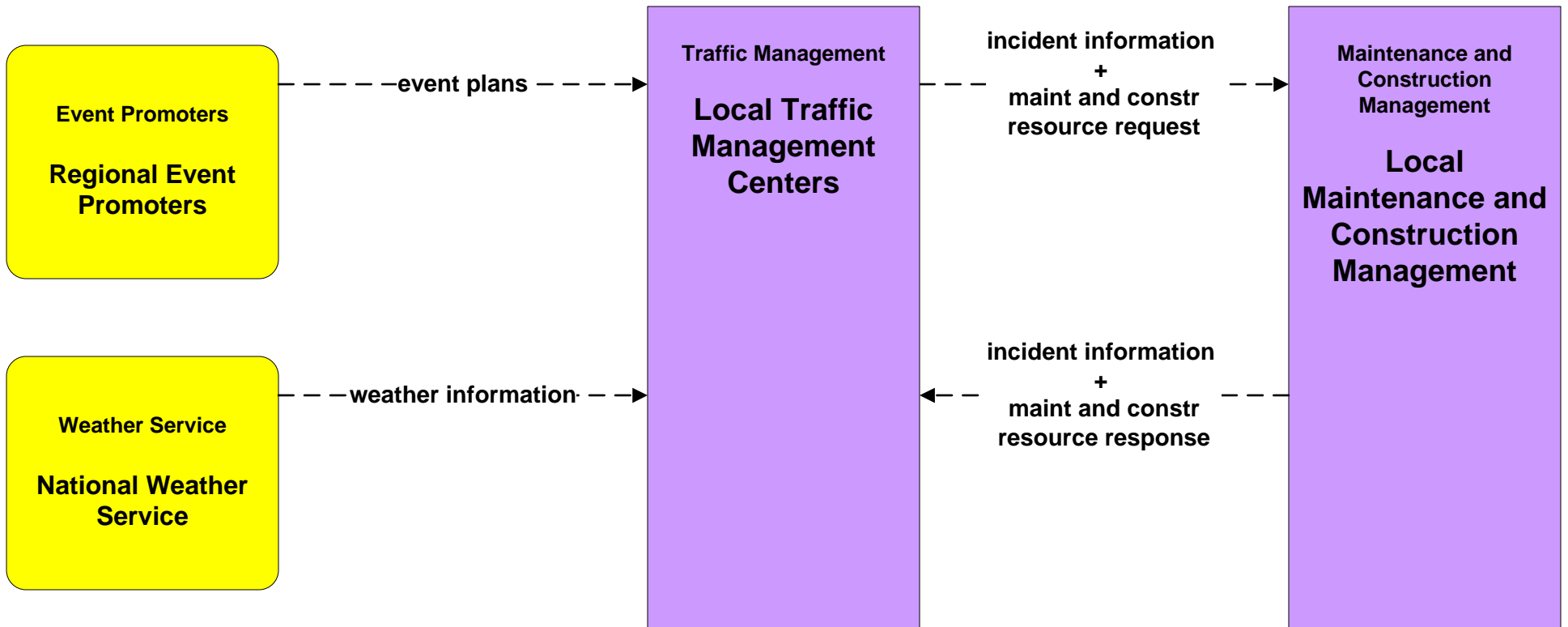


**ATMS08 - Incident Management  
ODOT (TM to MCM)**





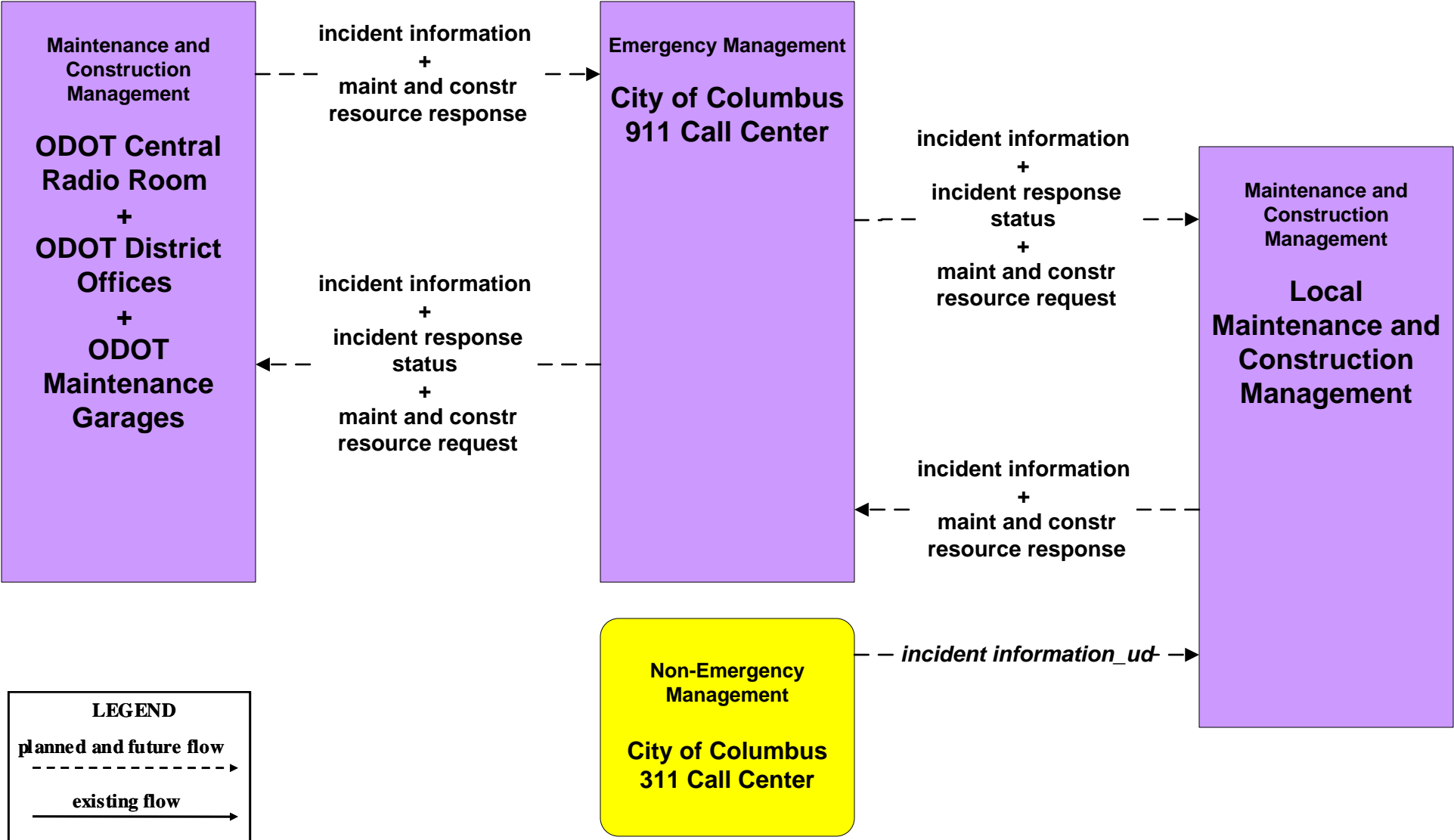
**ATMS08 - Incident Management  
Local Counties and Municipalities (TM to MCM)**



## **ATMS08 - Incident Management**

*Emergency Management <-- --> Maintenance and Construction Management*

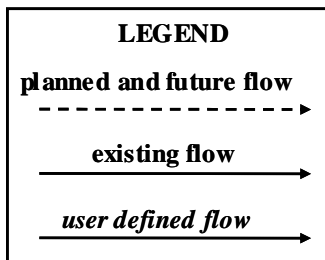
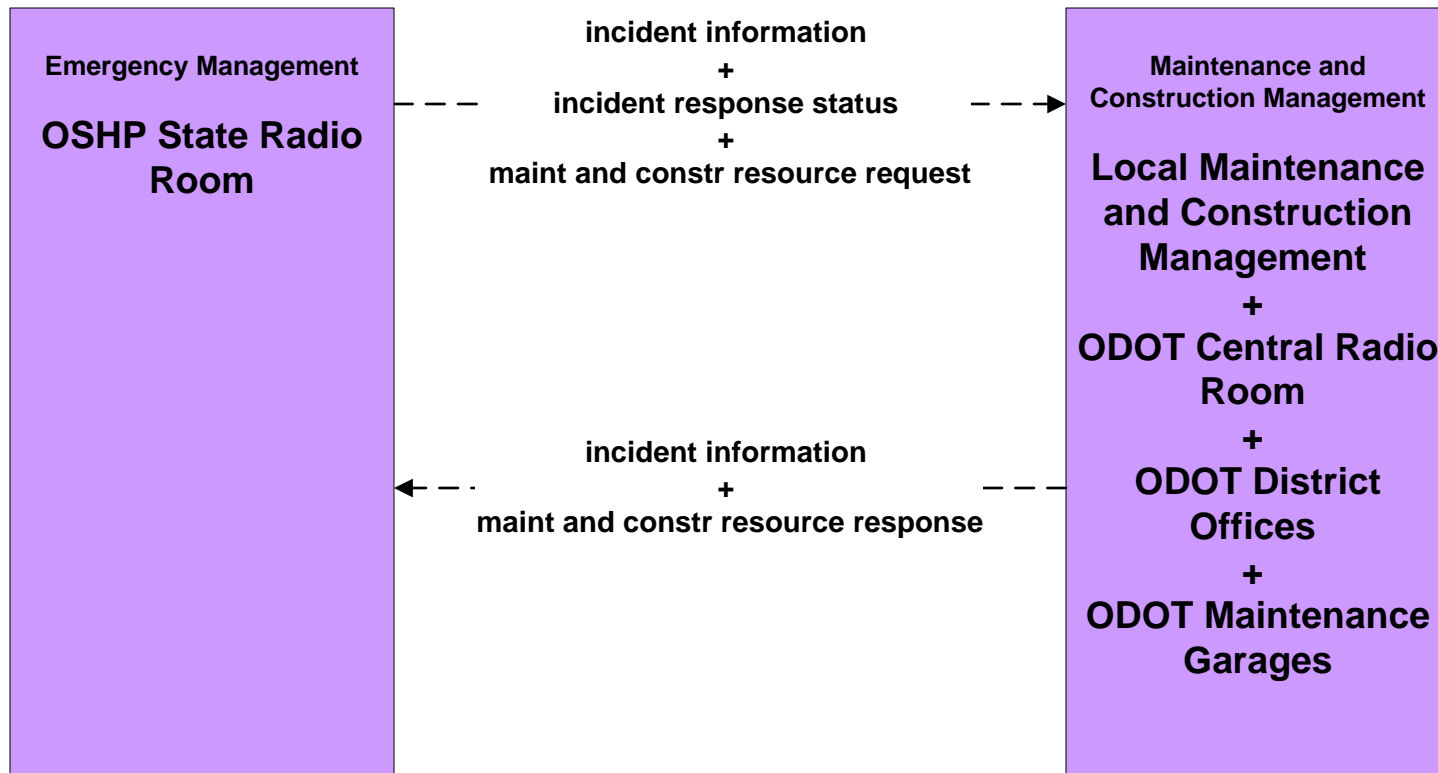
**ATMS08 - Incident Management  
City of Columbus 911 Call Center (EM to MCM)**



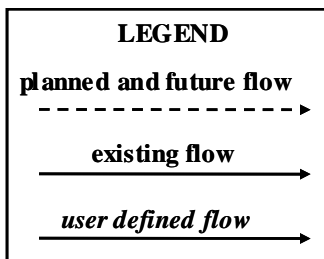
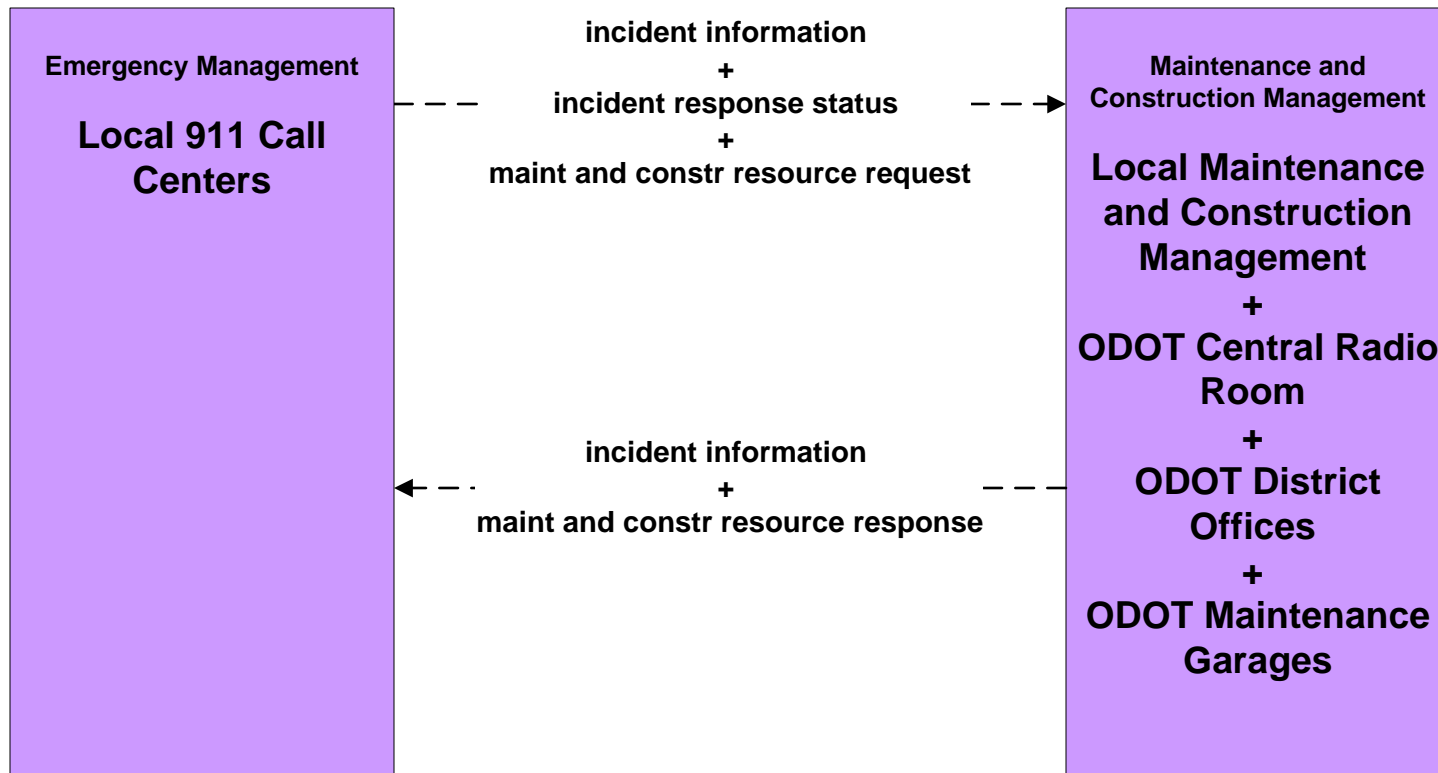
**LEGEND**

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

**ATMS08 - Incident Management  
Ohio State Highway Patrol (EM to MCM)**



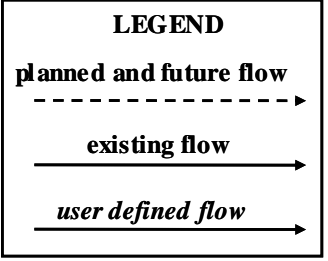
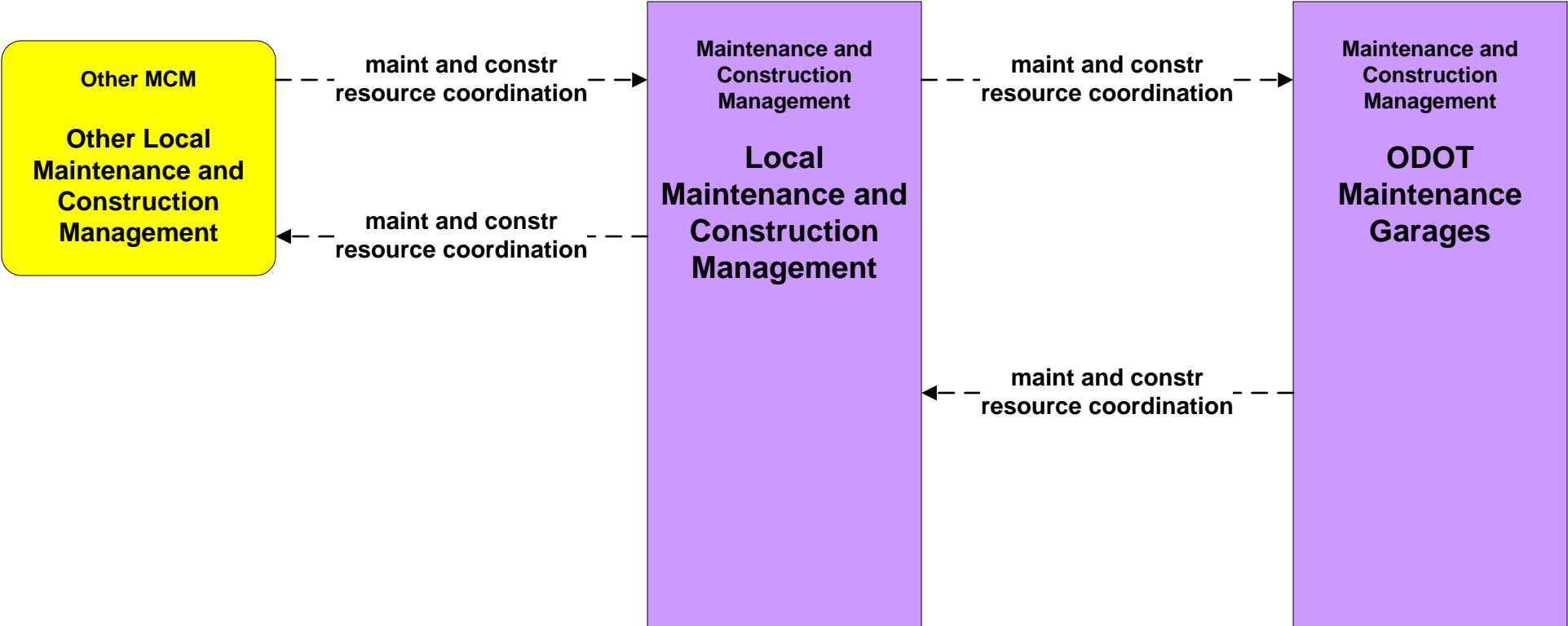
**ATMS08 - Incident Management**  
**Local County and Municipal 911 Call Centers (EM to MCM)**



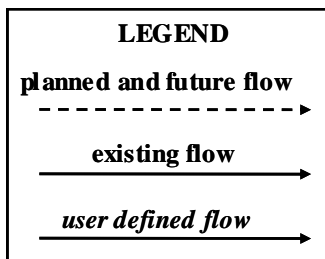
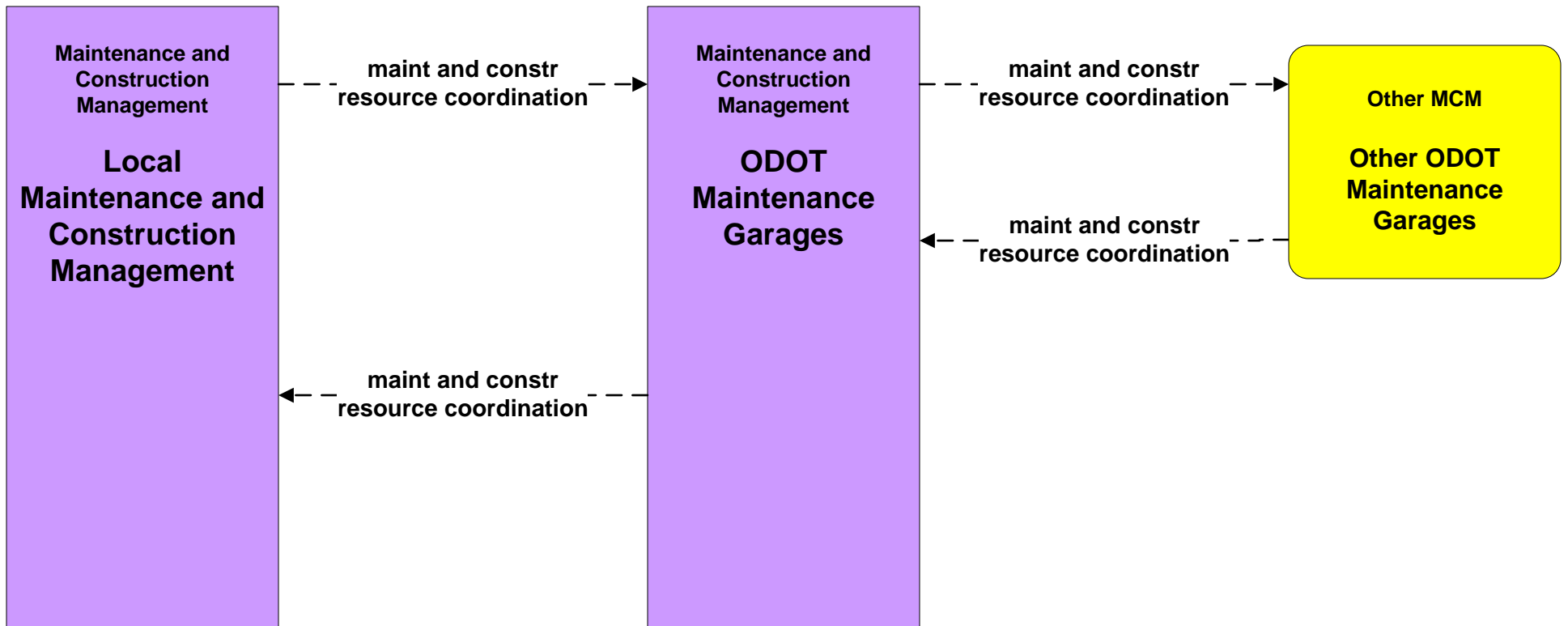
**ATMS08 - Incident Management**

*Maintenance and Construction Management <-- --> Maintenance and  
Construction Management*

**ATMS08 - Incident Management  
Local Counties and Municipalities (MCM to MCM)**



**ATMS08 - Incident Management  
ODOT (MCM to MCM)**

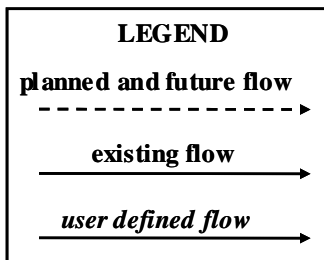
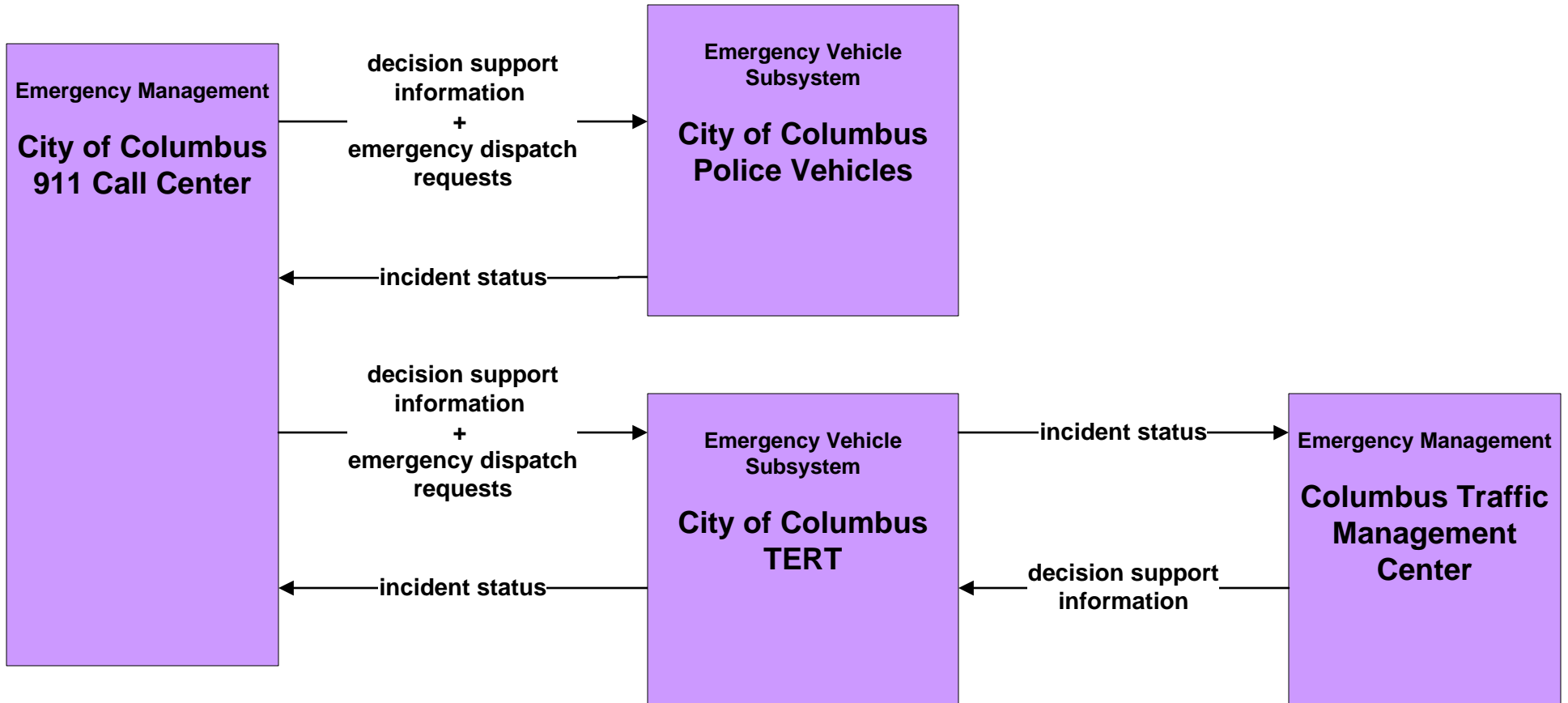




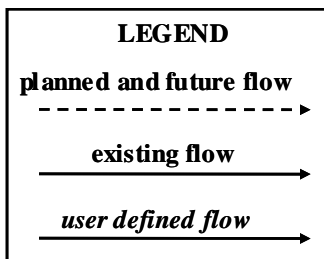
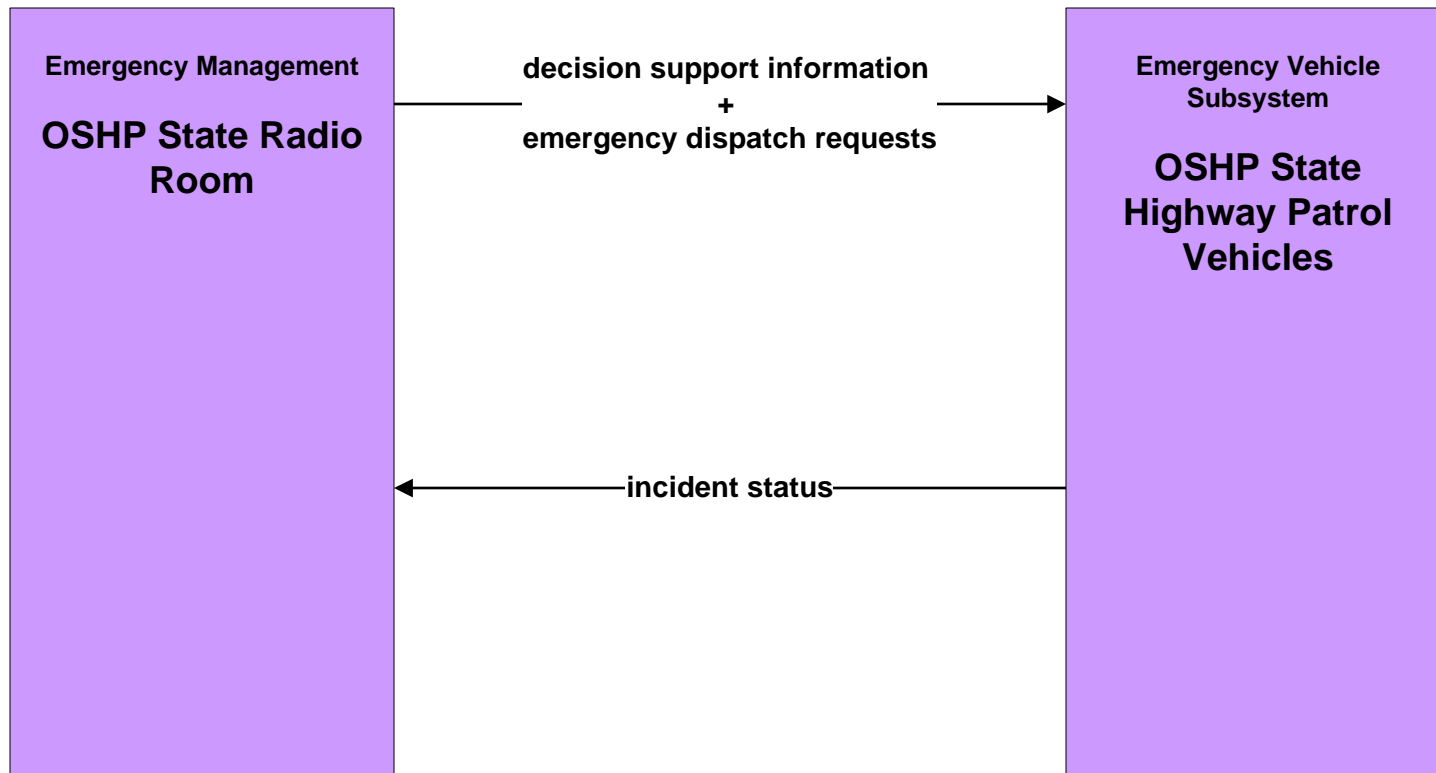
**ATMS08 - Incident Management**

*Emergency Management <-- --> Emergency Vehicles*

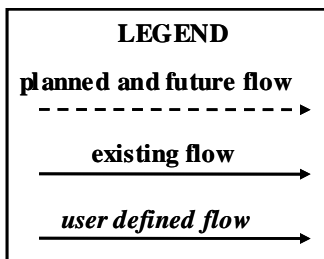
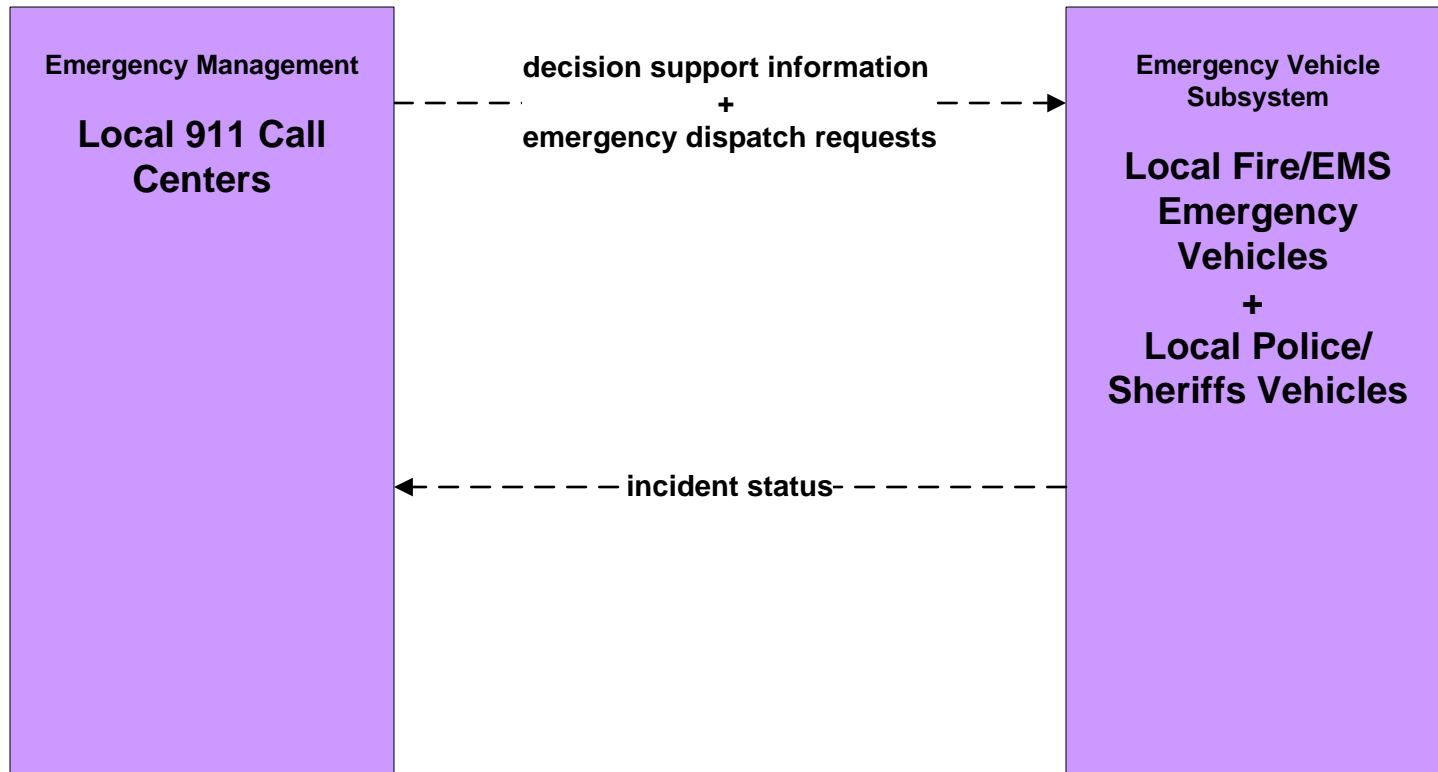
**ATMS08 - Incident Management**  
**City of Columbus 911 Call Center (EM to EVS)**



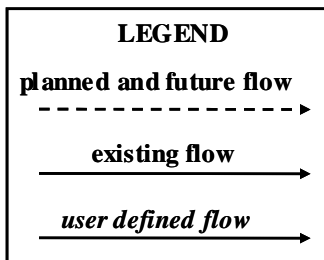
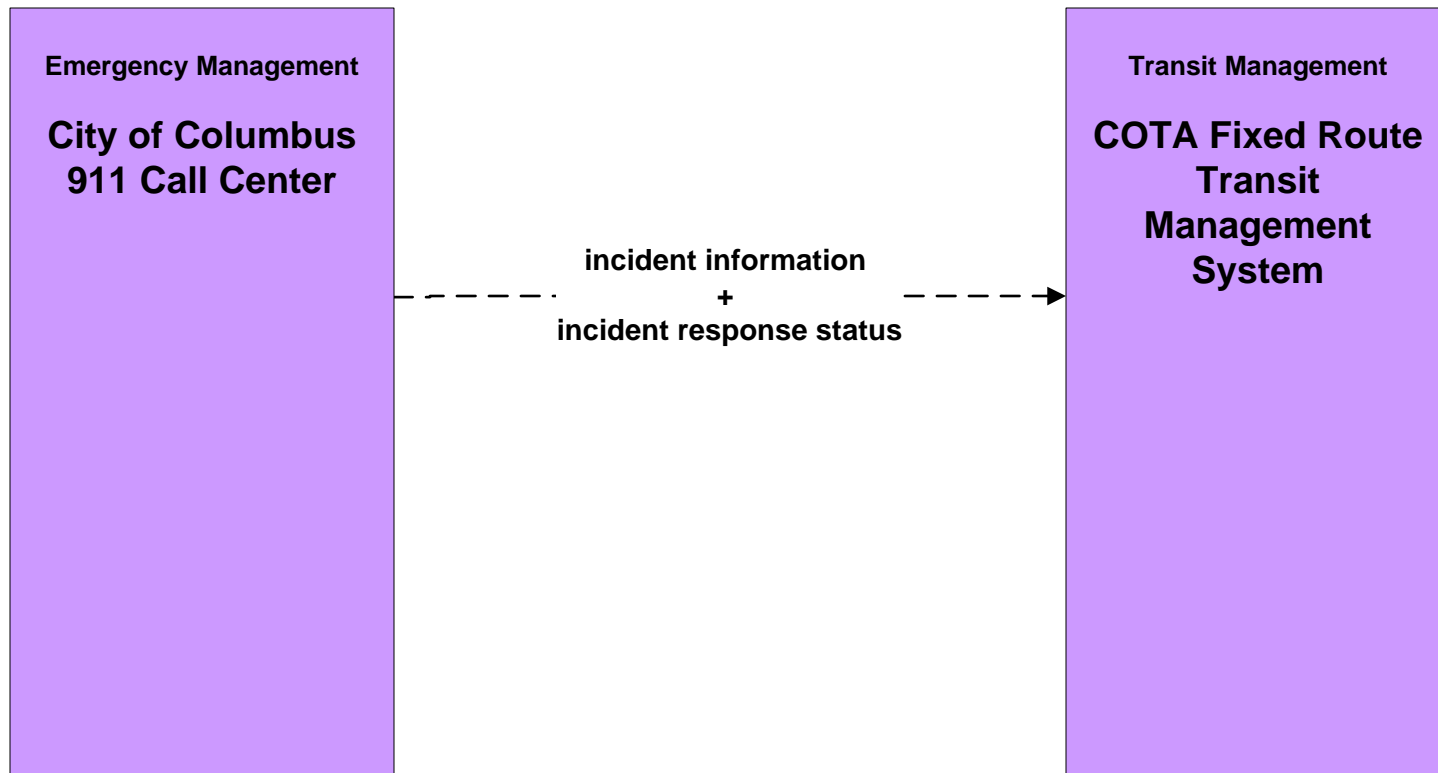
**ATMS08 - Incident Management  
Ohio State Highway Patrol (EM to EVS)**



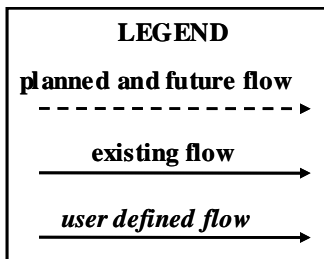
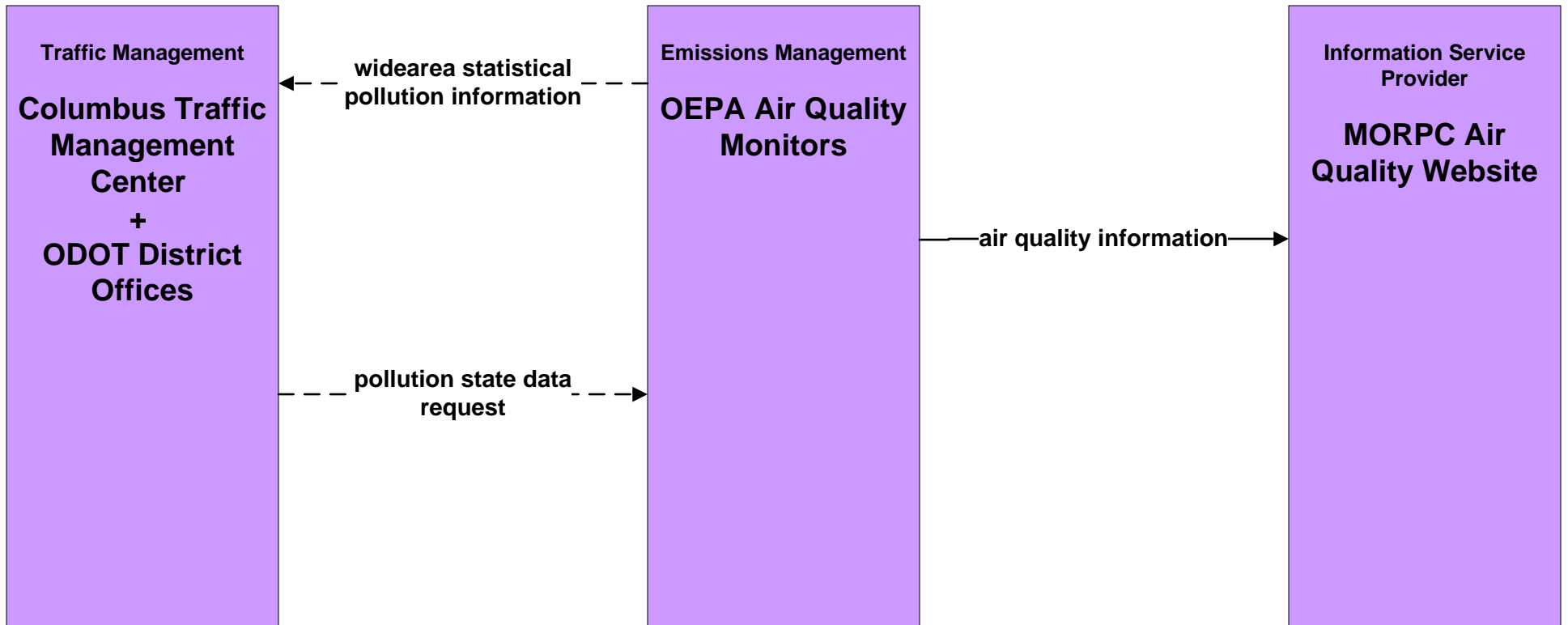
**ATMS08 - Incident Management  
Public Safety Dispatch (EM to EVS)**



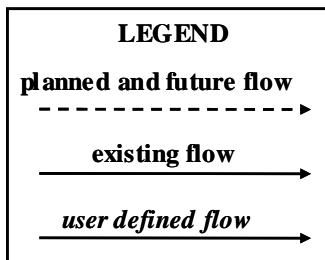
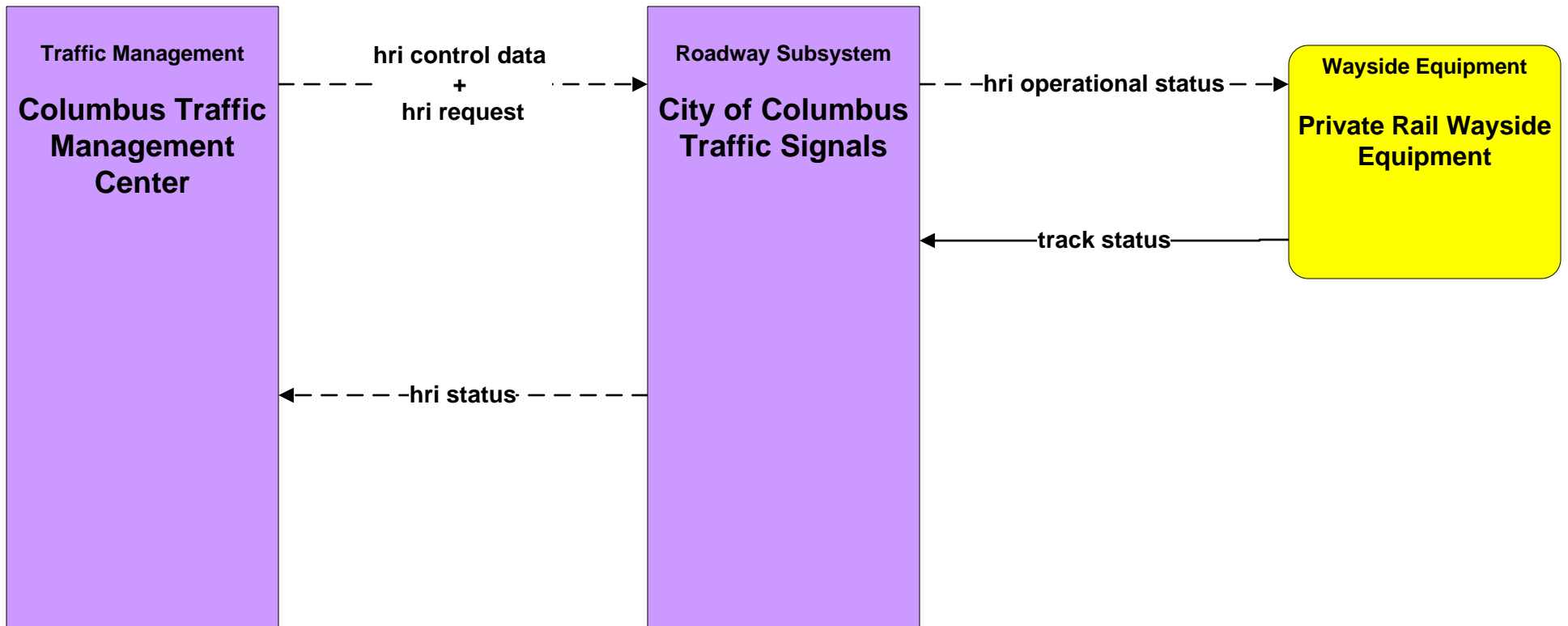
**ATMS08 - Incident Management  
COTA (TrM to EM)**



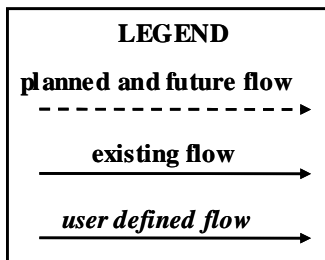
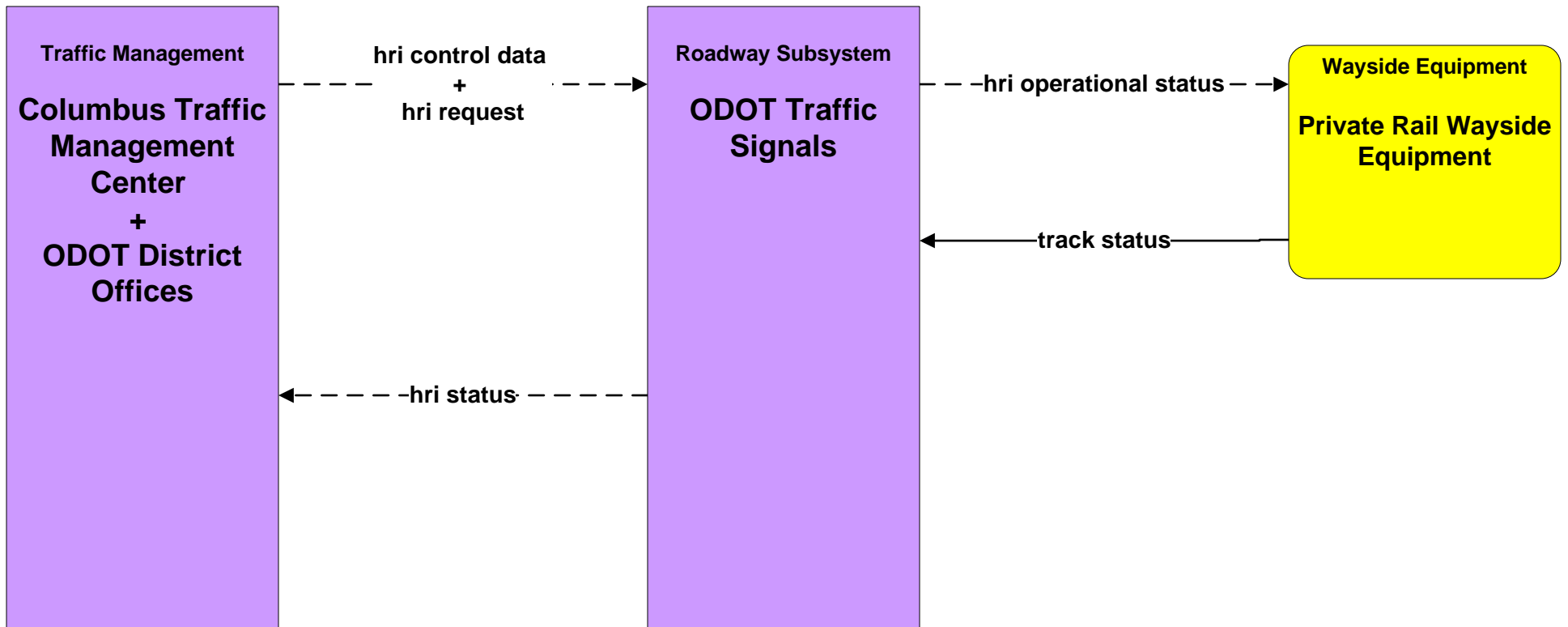
**ATMS11 - Emissions Monitoring and Management  
Ohio Environmental Protection Agency**



**ATMS13 - Standard Railroad Crossing  
City of Columbus**

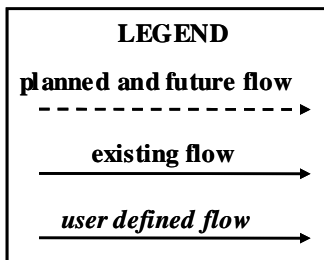
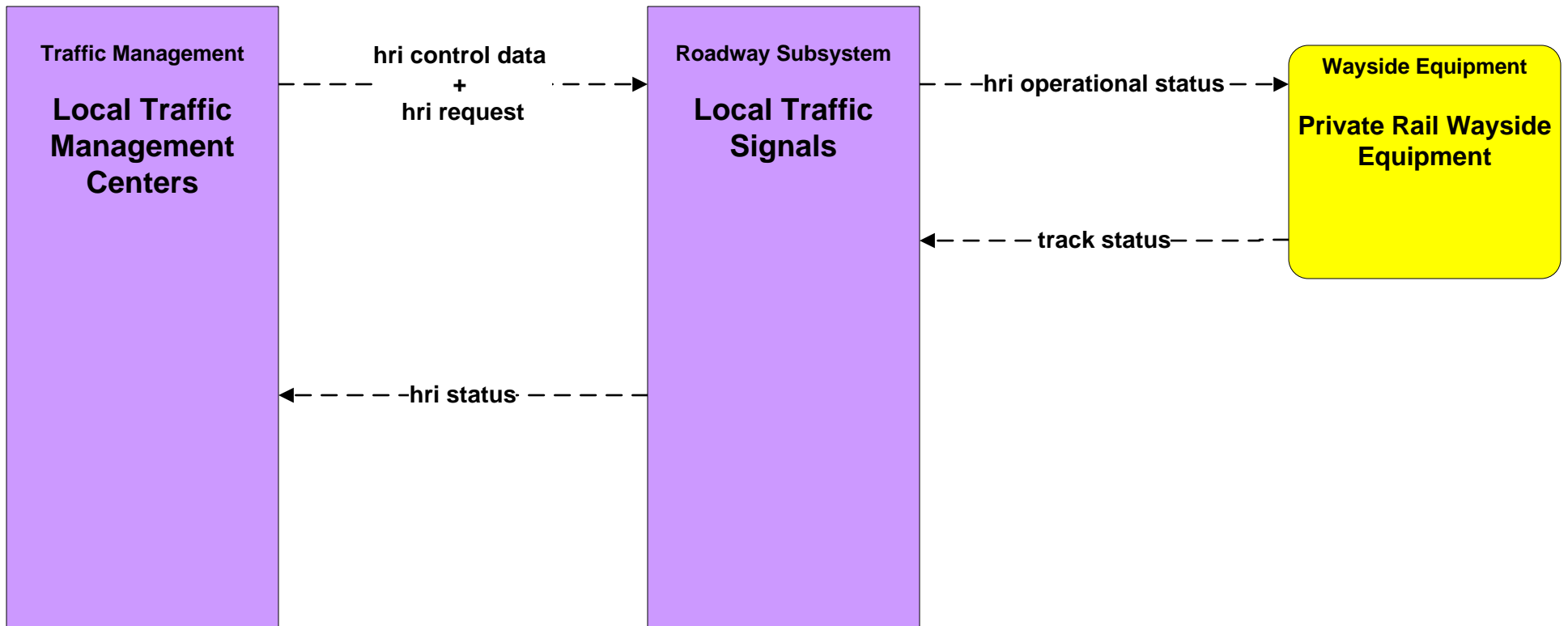


**ATMS13 - Standard Railroad Crossing  
ODOT**

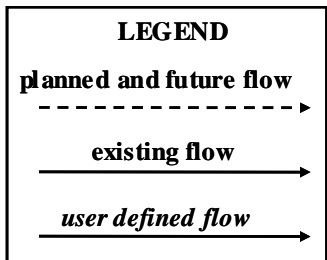
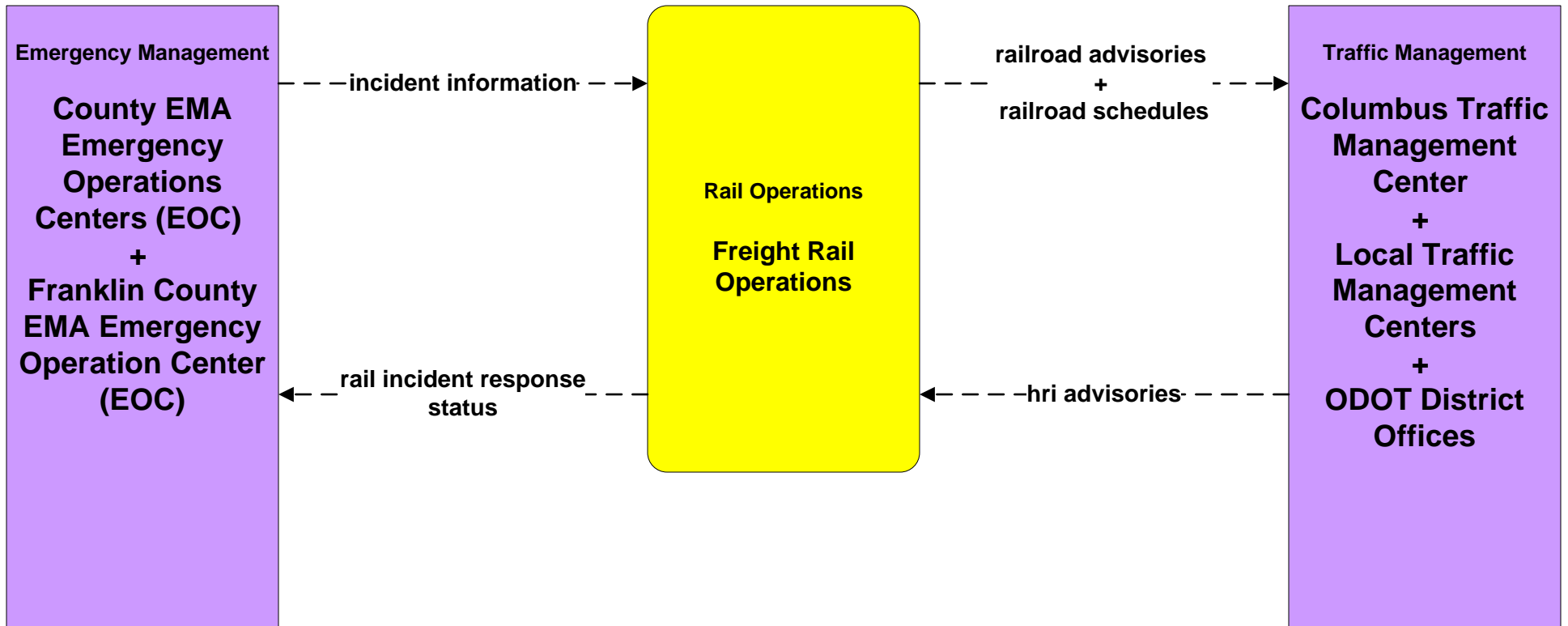




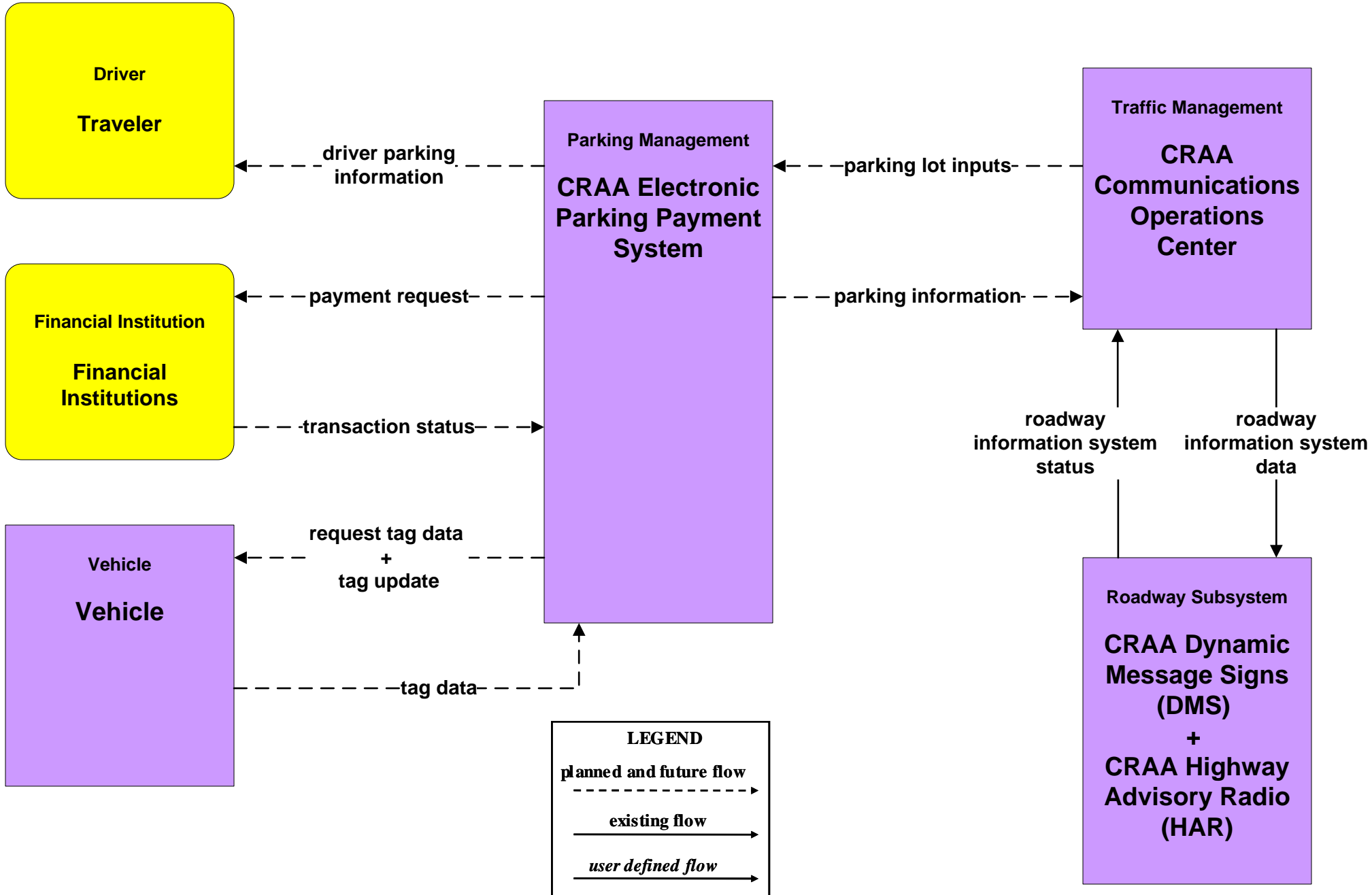
# ATMS13 - Standard Railroad Crossing Local Counties and Municipalities



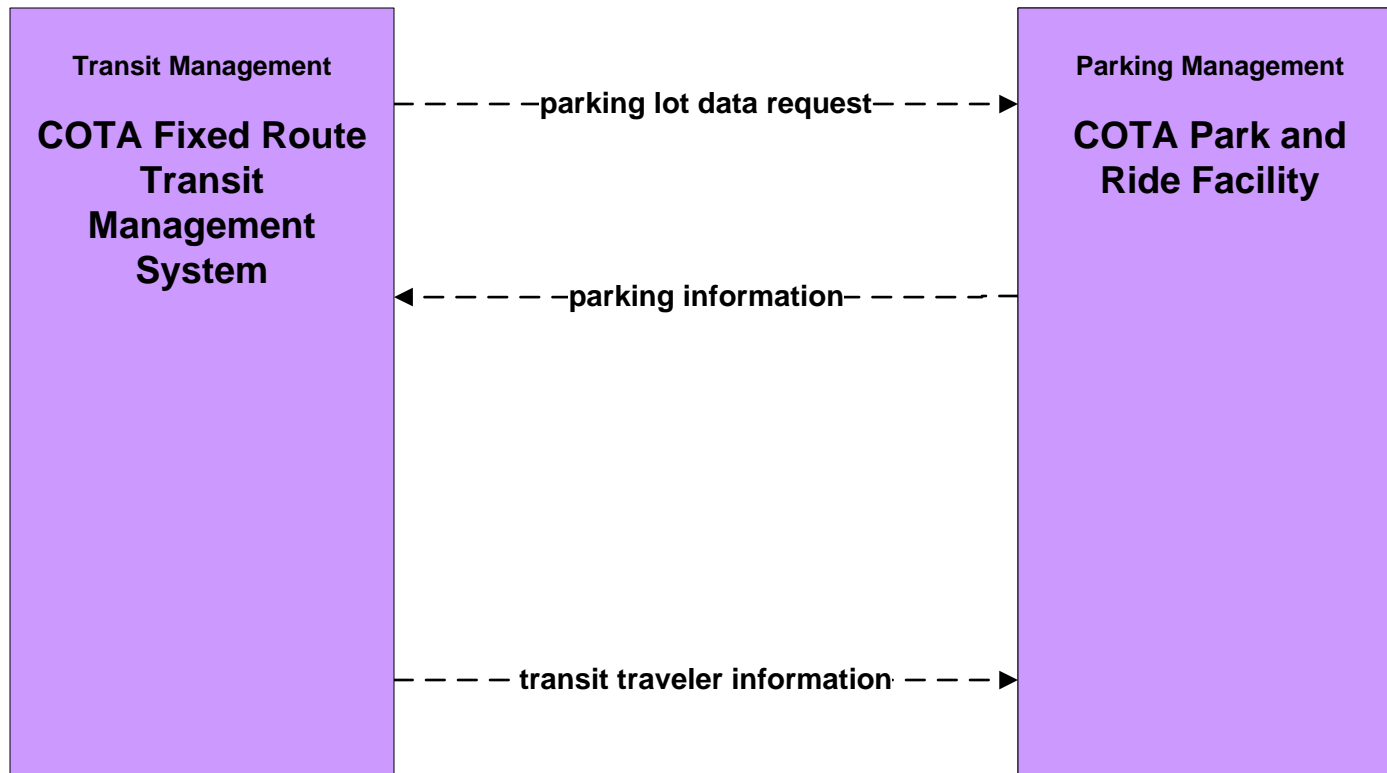
**ATMS15 - Railroad Operations Coordination  
State of Ohio**



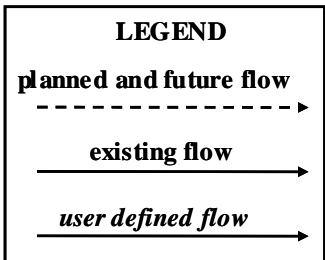
**ATMS16 - Parking Facility Management  
Columbus Regional Airport Authority**



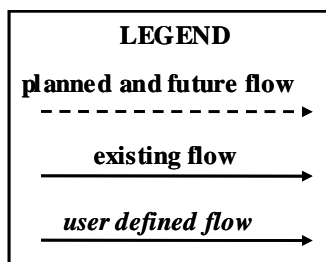
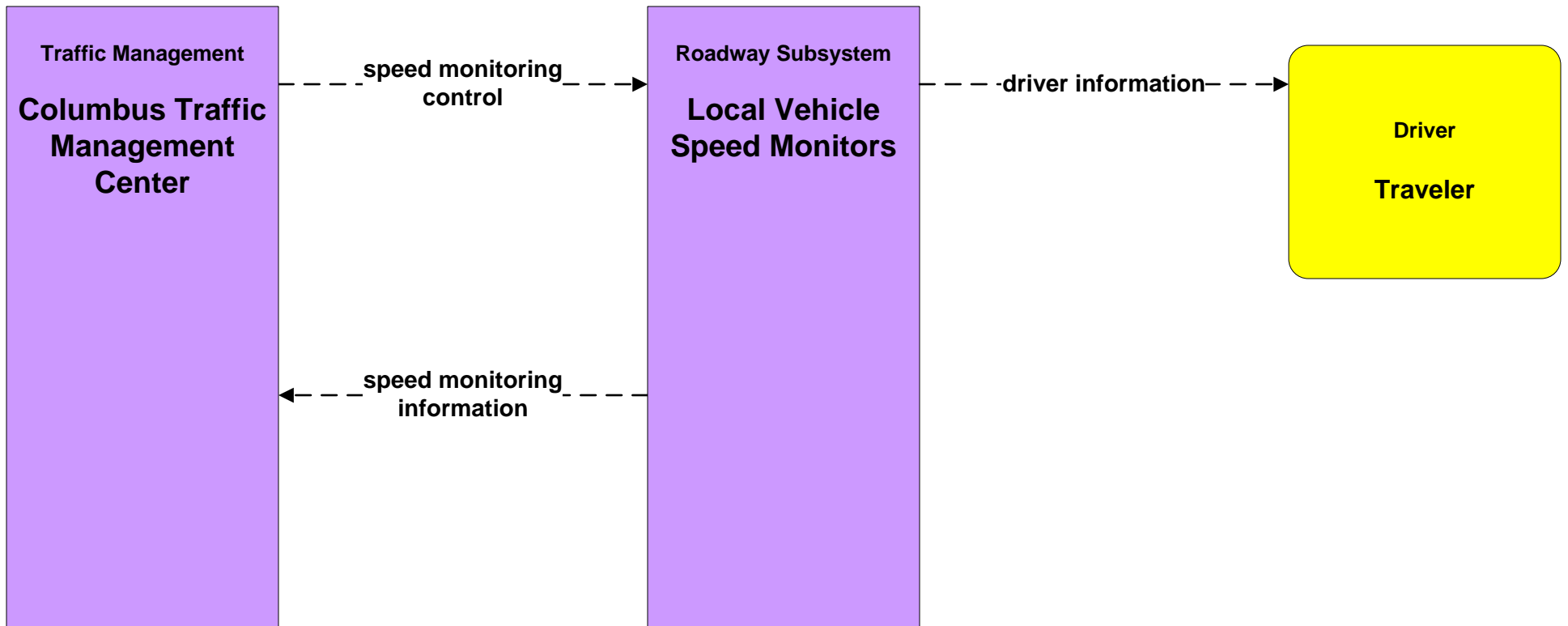
# ATMS17 - Regional Parking Management COTA Park and Ride Facilities



*Transit traveler information is sent to passenger information systems at the park and ride facility, such as dynamic message signs.*



# ATMS19 - Speed Monitoring City of Columbus



**ATMS19 - Speed Monitoring  
Local Counties and Municipalities**

