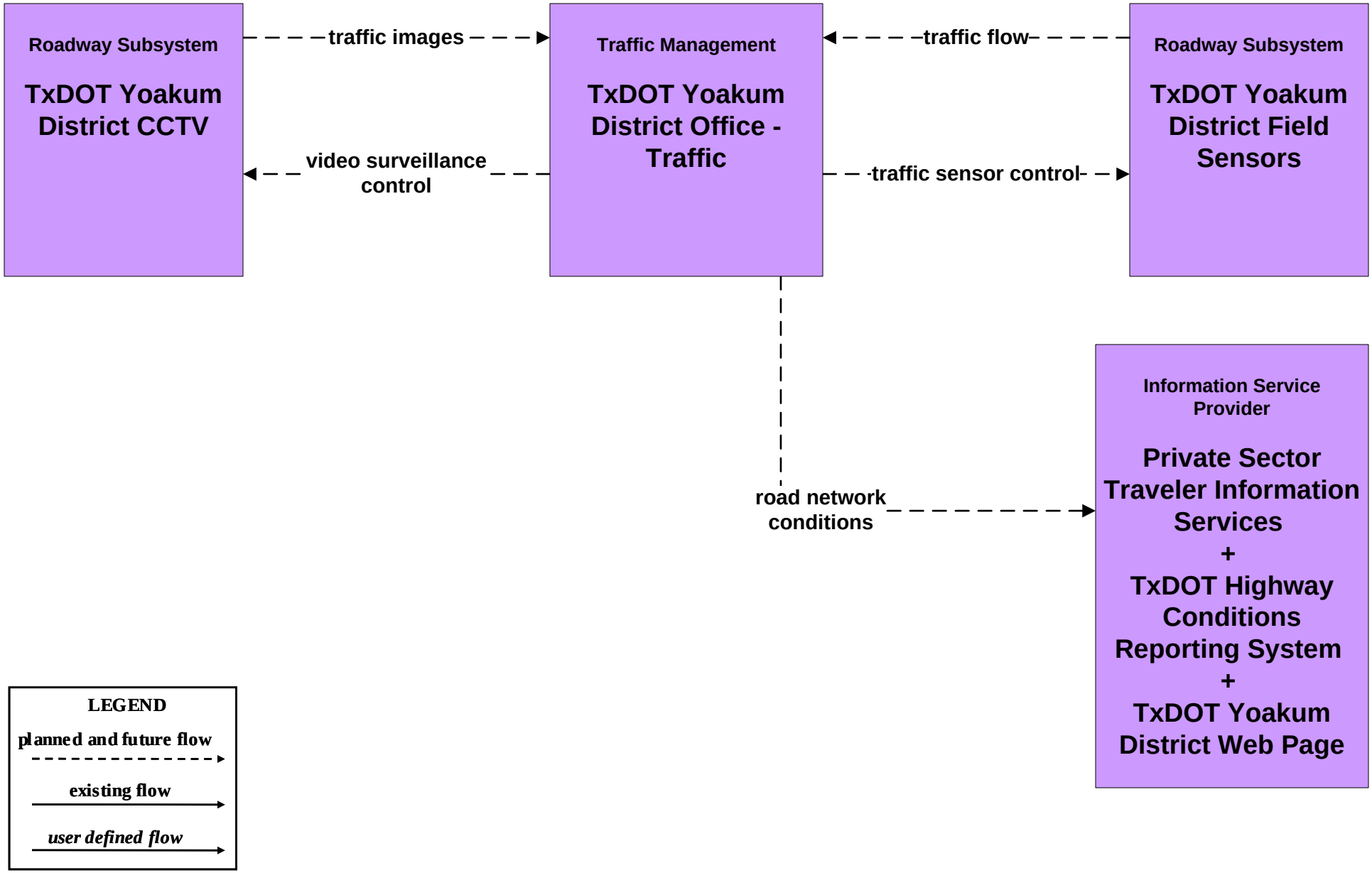
# Yoakum Regional ITS Architecture

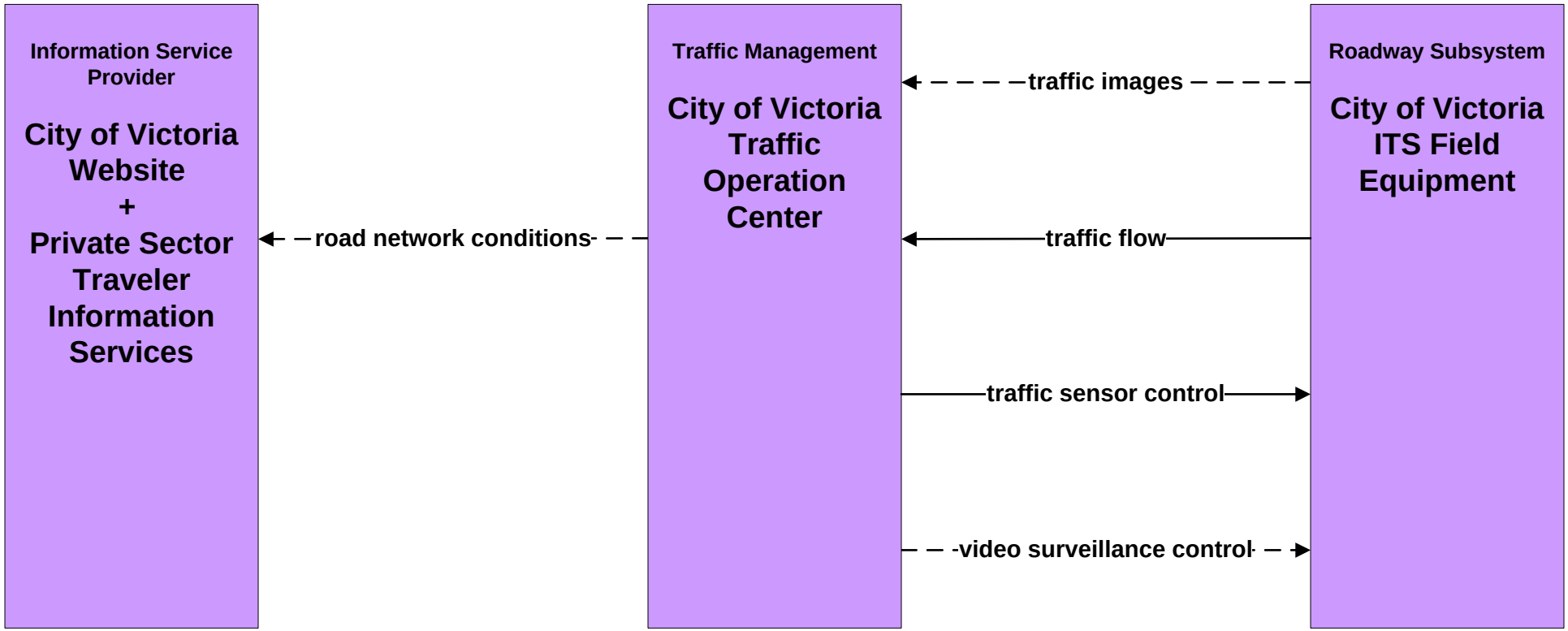
# Customized Market Package Diagrams

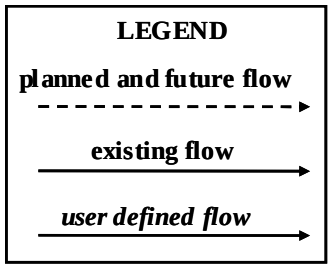
# Advanced Traffic Management Systems (ATMS)

# ATMS01 - Network Surveillance
# TxDOT Yoakum District Office - Traffic

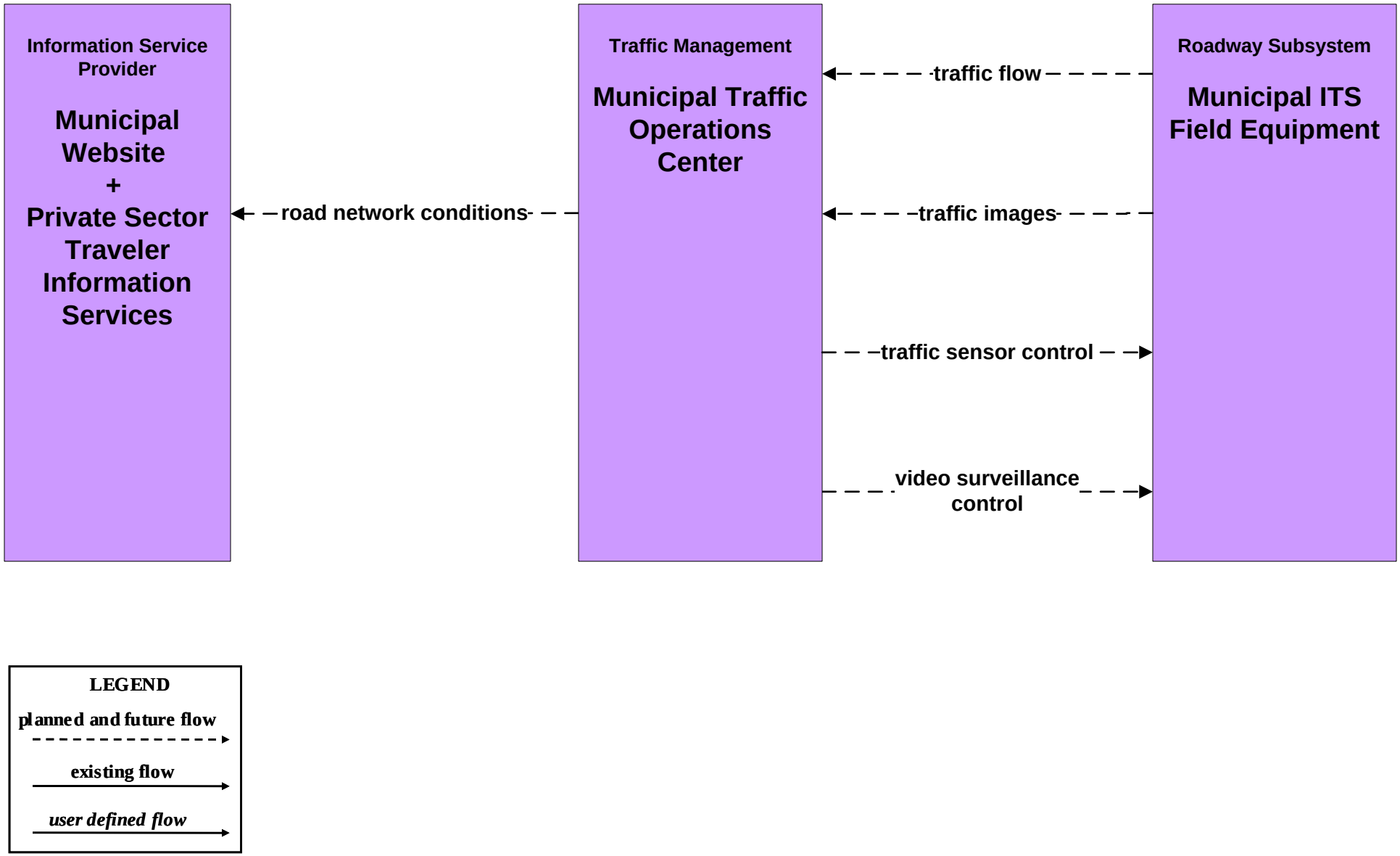


# ATMS01 - Network Surveillance
# City of Victoria Traffic Operations Center

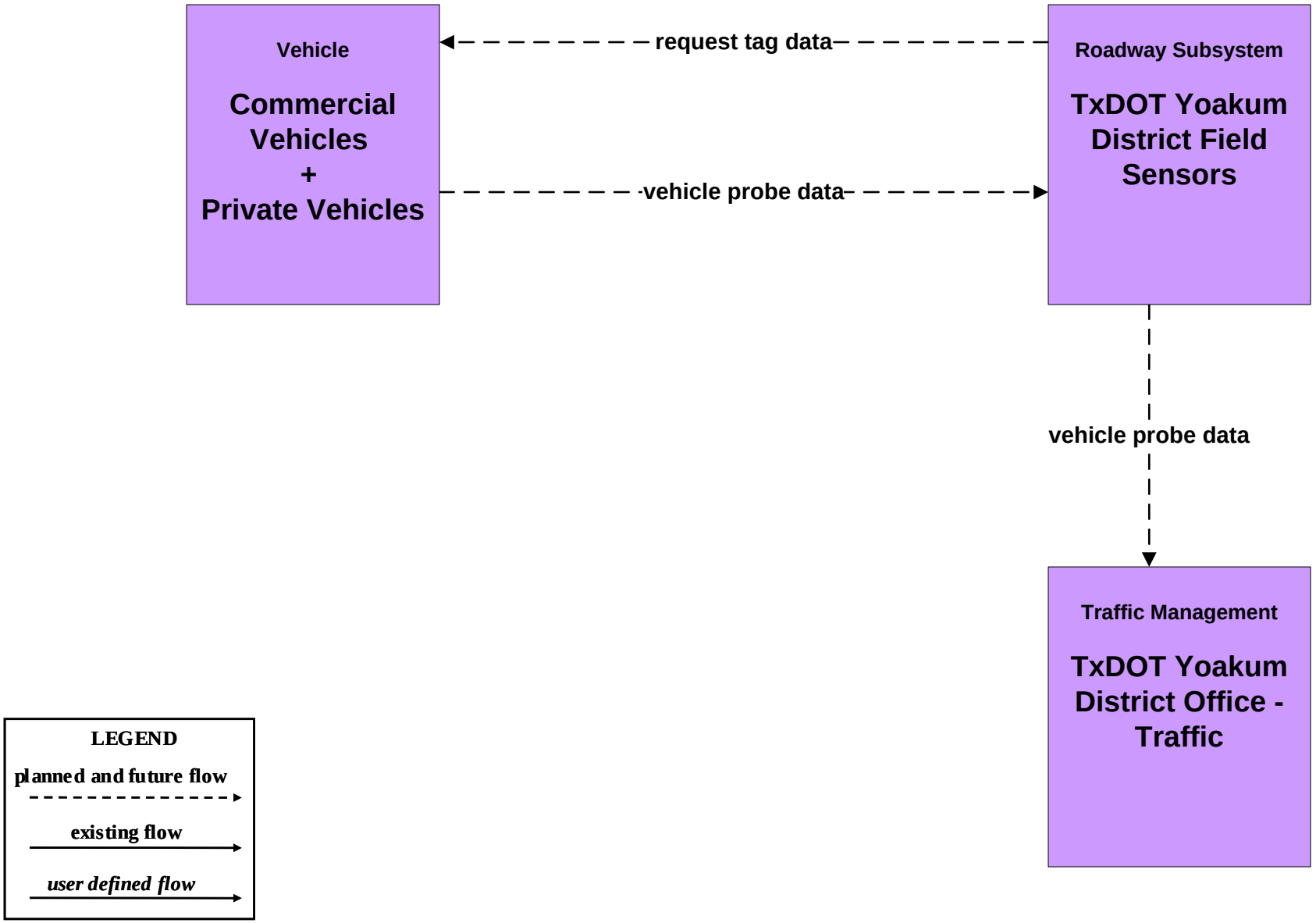


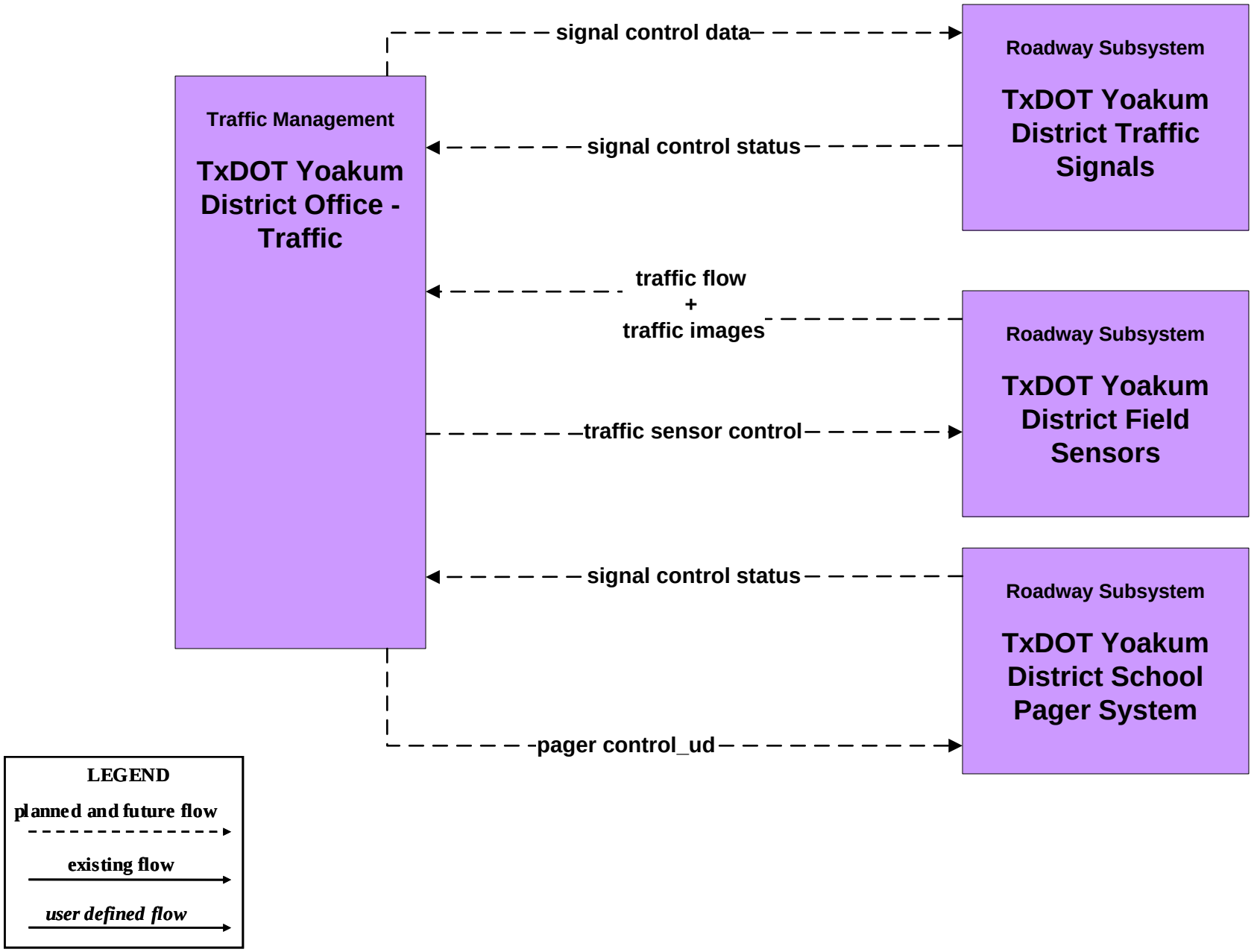
# ATMS01 - Network Surveillance
# Municipal Traffic Operations Center



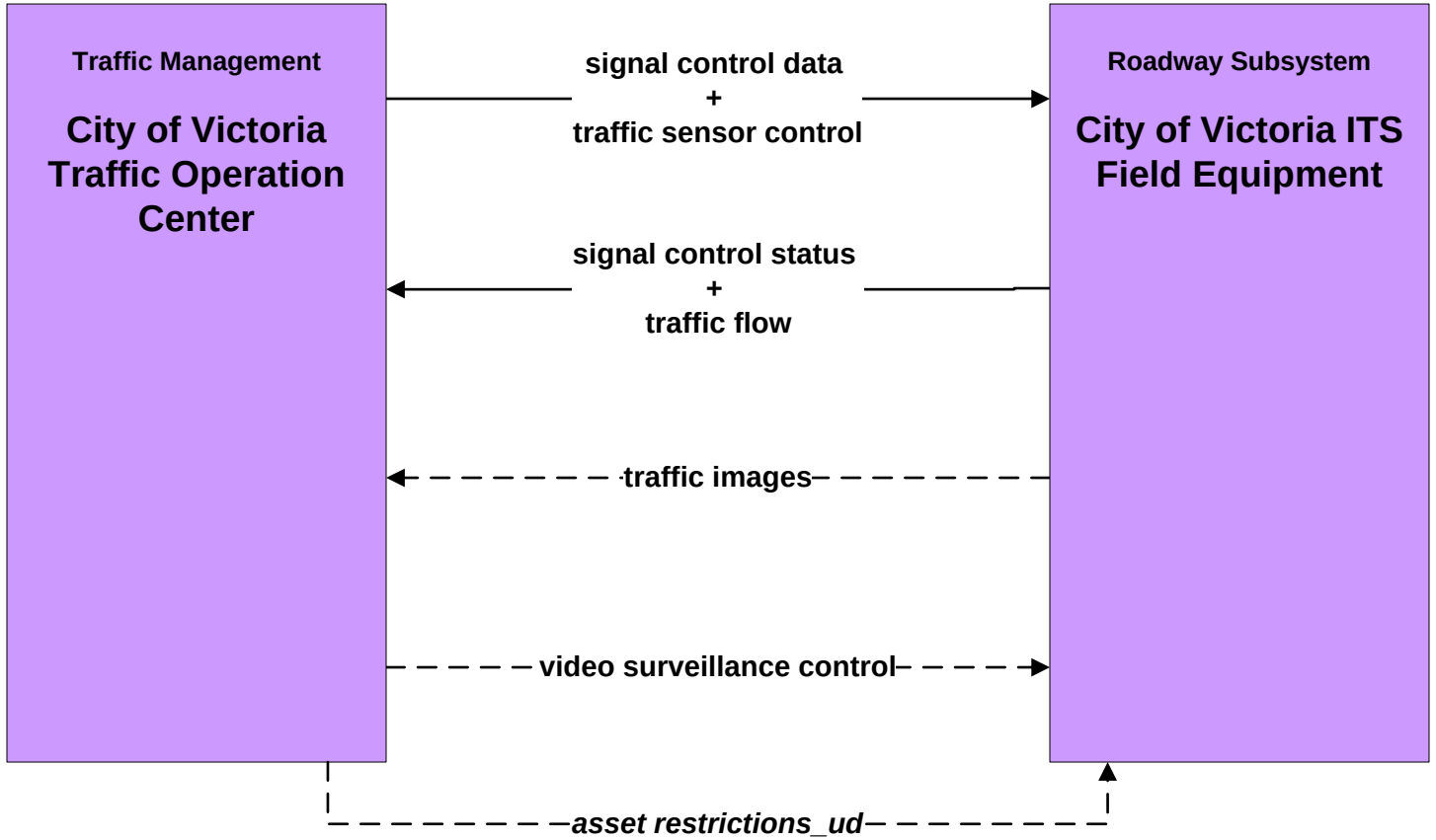
# ATMS02 - Probe Surveillance
# TxDOT Yoakum District – Traffic

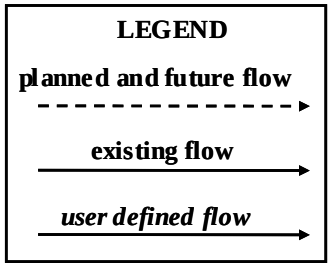


# ATMS03 - Surface Street Control
# TxDOT Yoakum District – Traffic

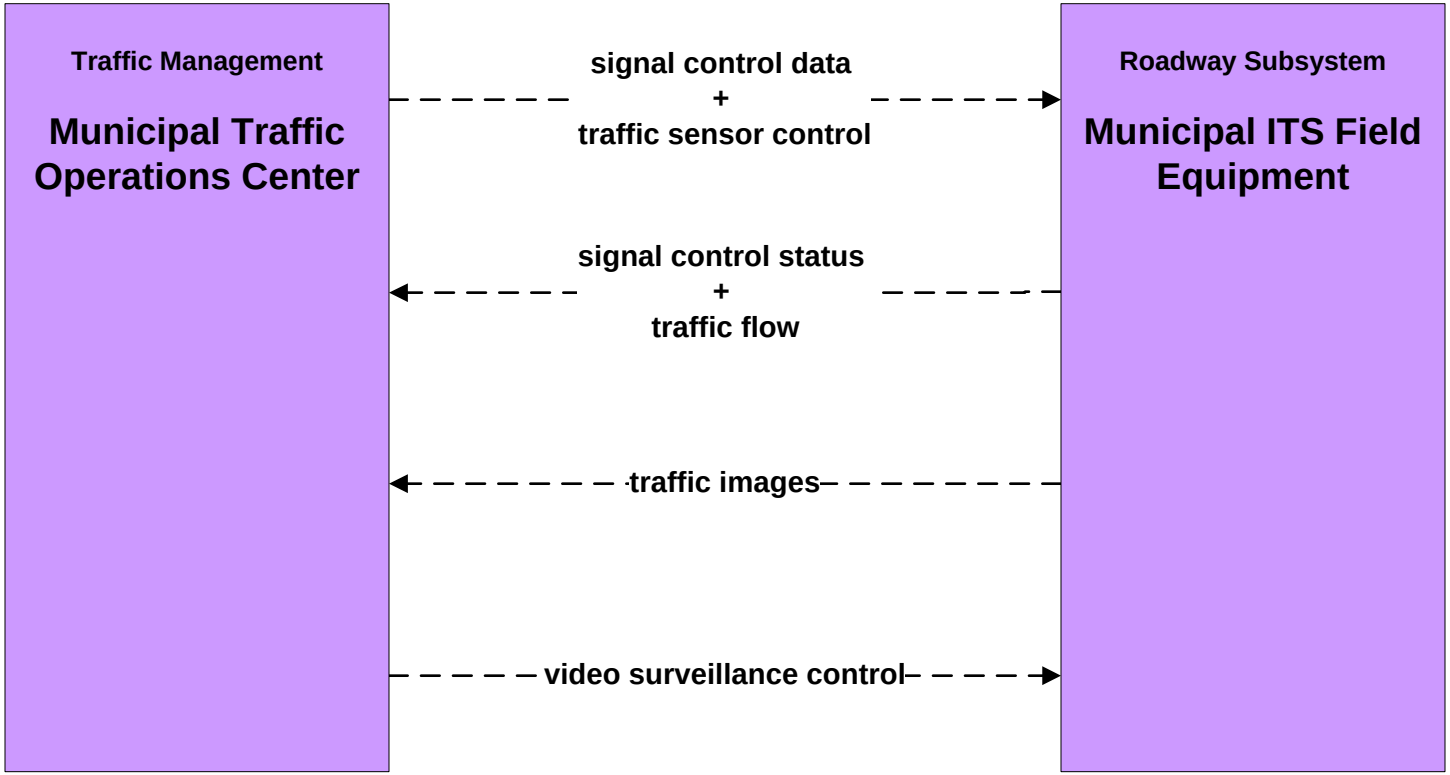


# ATMS03 - Surface Street Control
# City of Victoria Traffic Operations Center



# ATMS03 - Surface Street Control
# Municipal Traffic Operations Center



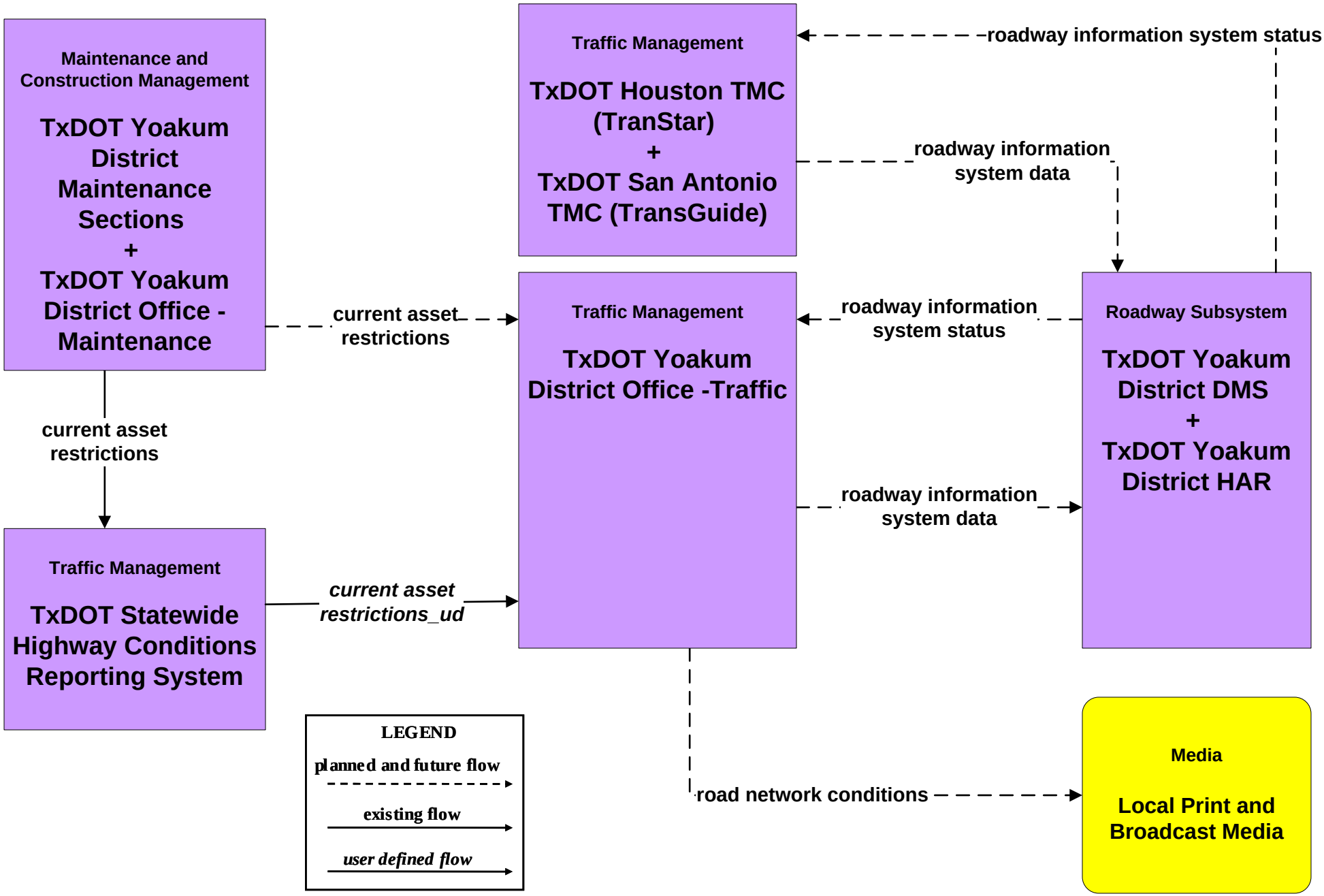

**LEGEND**

planned and future flow

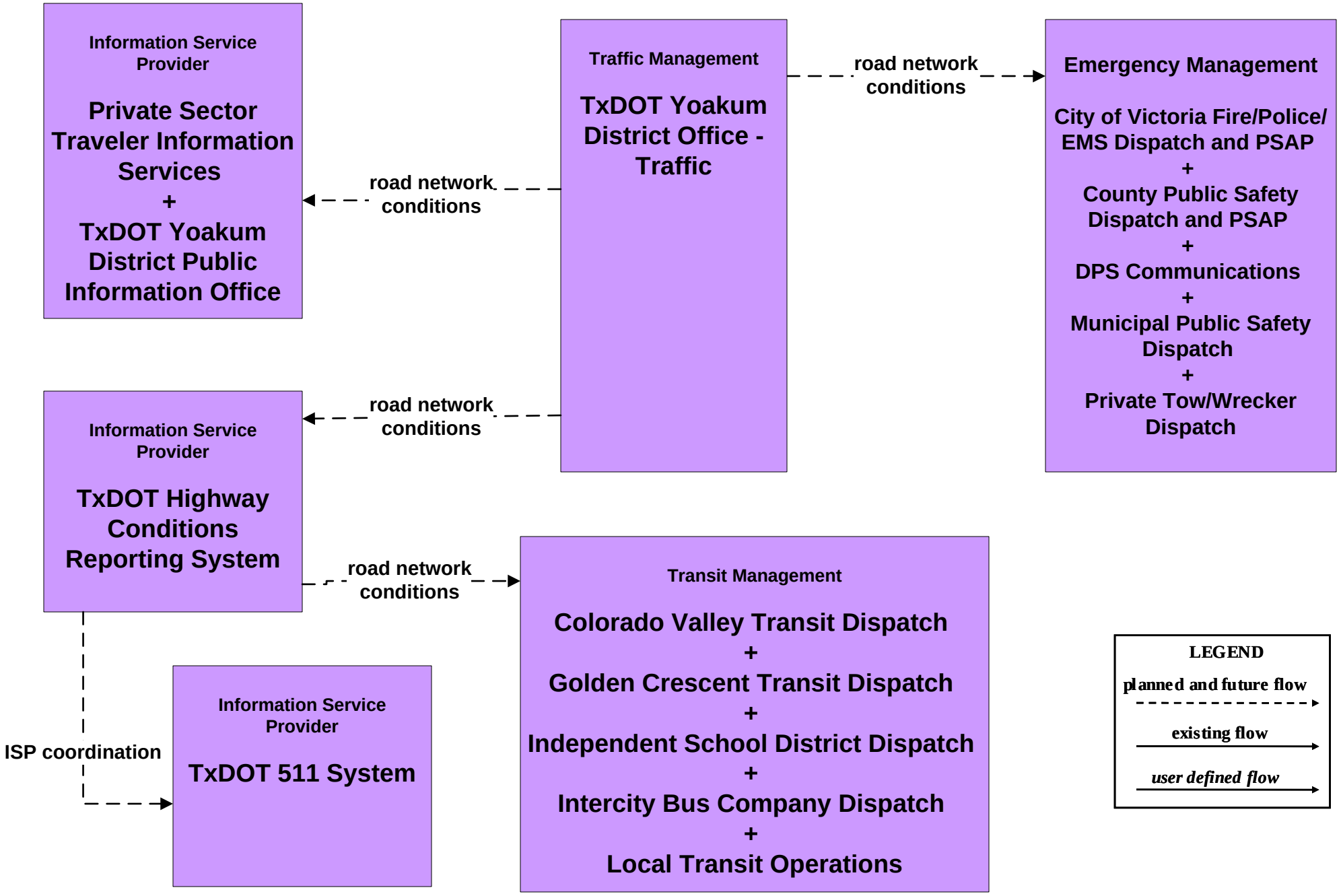
existing flow

*user defined flow*

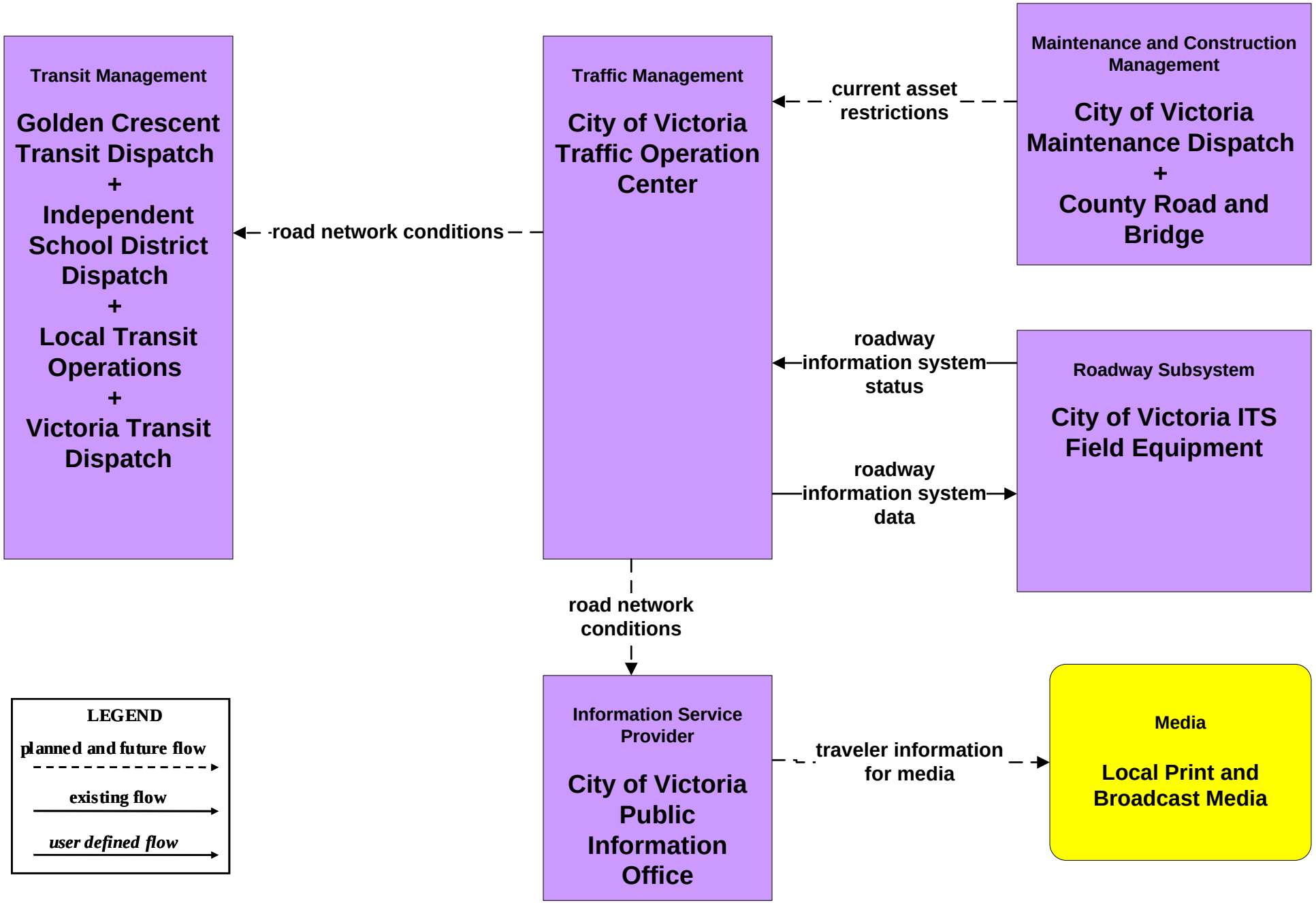
# ATMS06 - Traffic Information Dissemination
# TxDOT Yoakum District – Traffic



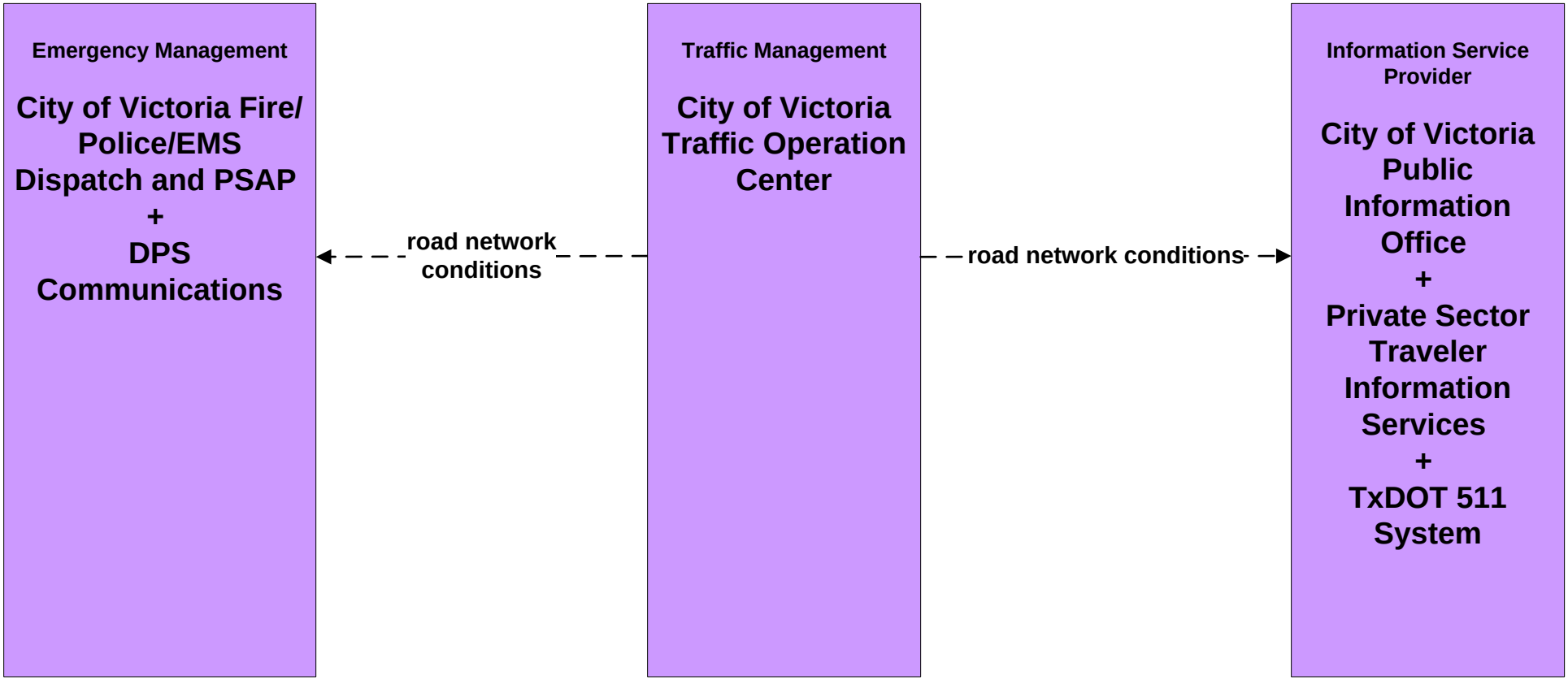
# ATMS06 - Traffic Information Dissemination
# TxDOT Yoakum District Office - Traffic (TM to EM / ISP)

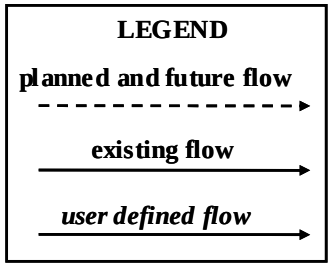


# ATMS06 - Traffic Information Dissemination
# City of Victoria Traffic Operations Center (1 of 2)

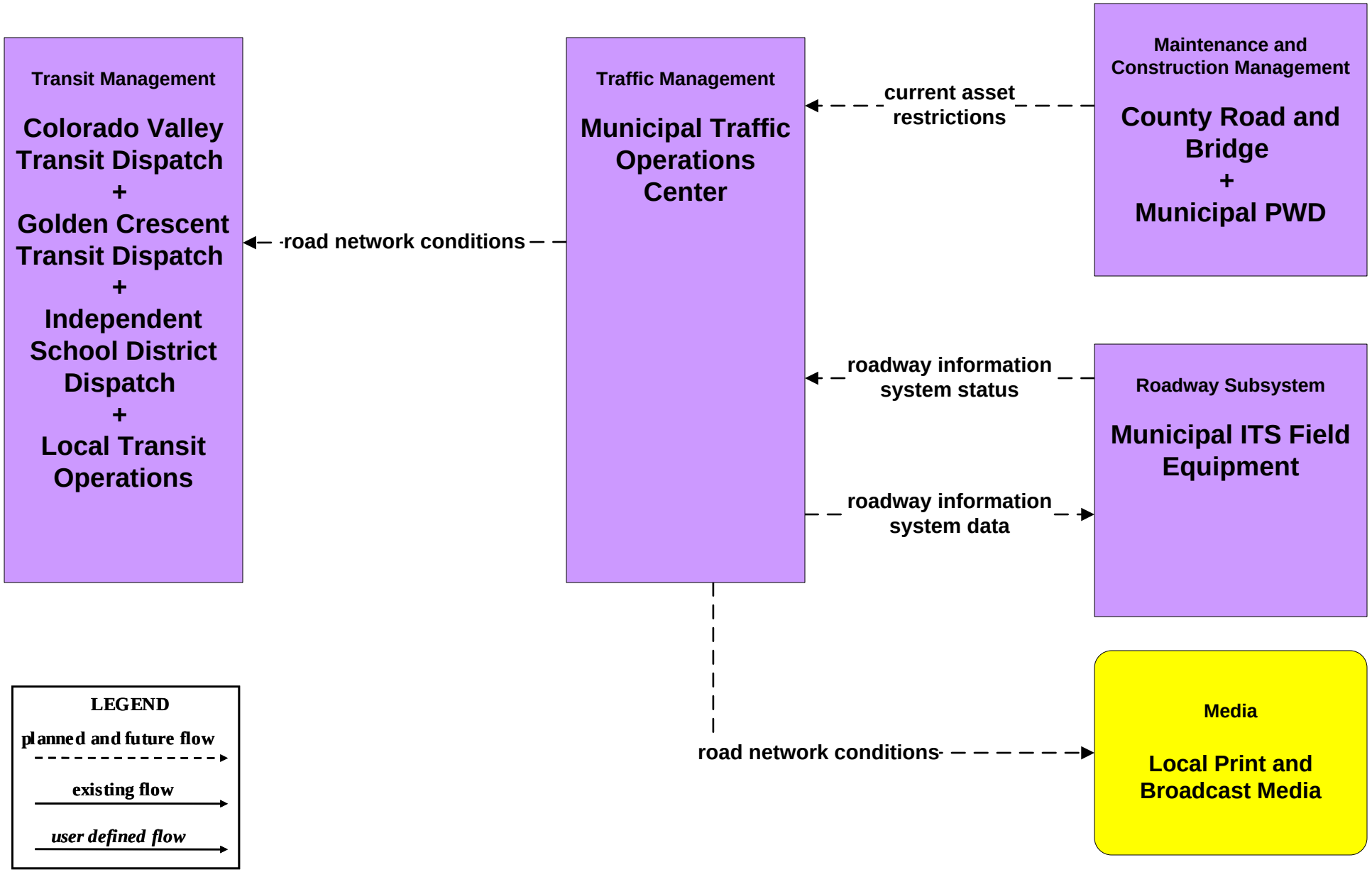


# ATMS06 - Traffic Information Dissemination
# City of Victoria Traffic Operations Center (2 of 2)

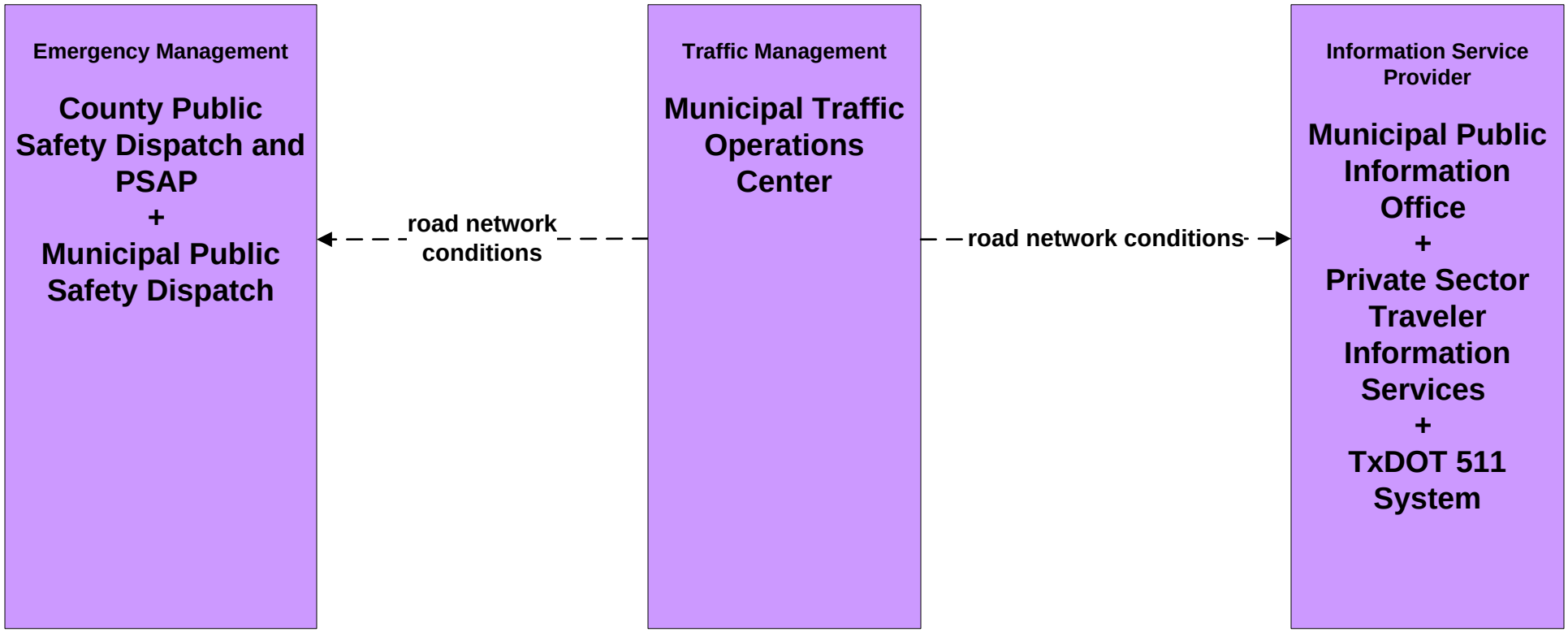


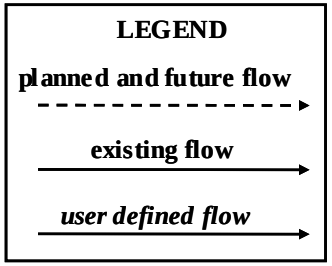



# ATMS06 - Traffic Information Dissemination
# Municipal Traffic Operations Center (1 of 2)

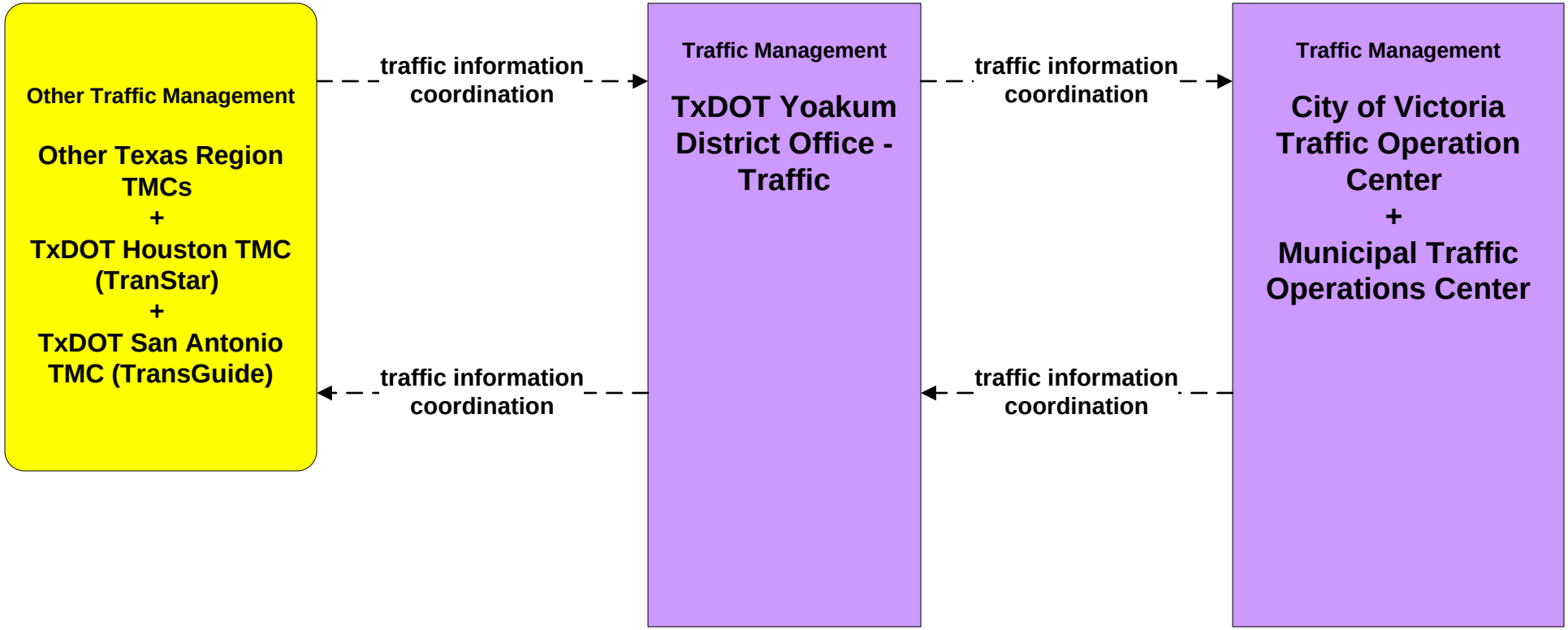


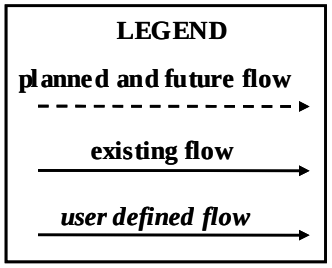
# ATMS06 - Traffic Information Dissemination
# Municipal Traffic Operations Center (2 of 2)



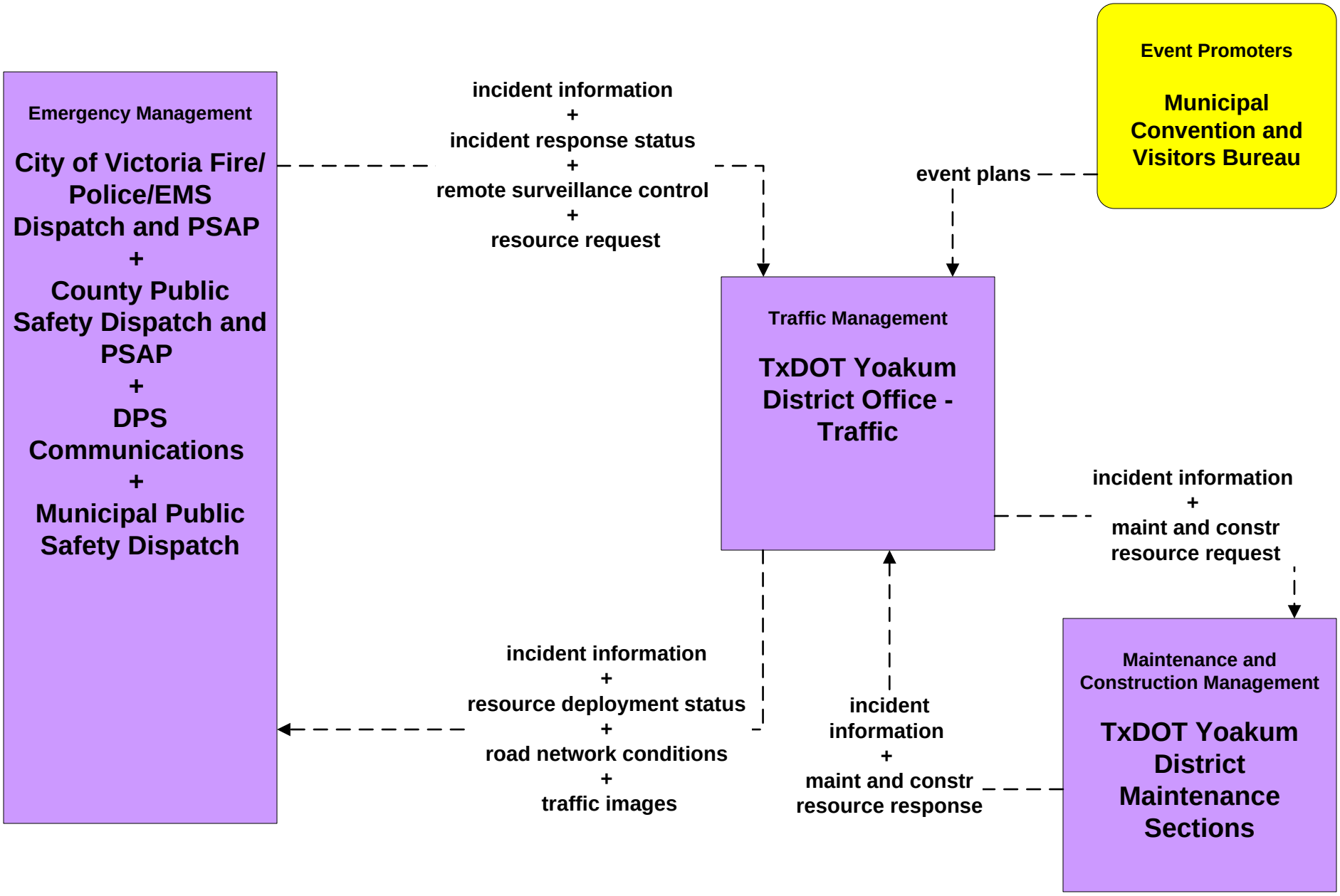



# ATMS07 - Regional Traffic Control
# TxDOT Yoakum District Office – Traffic

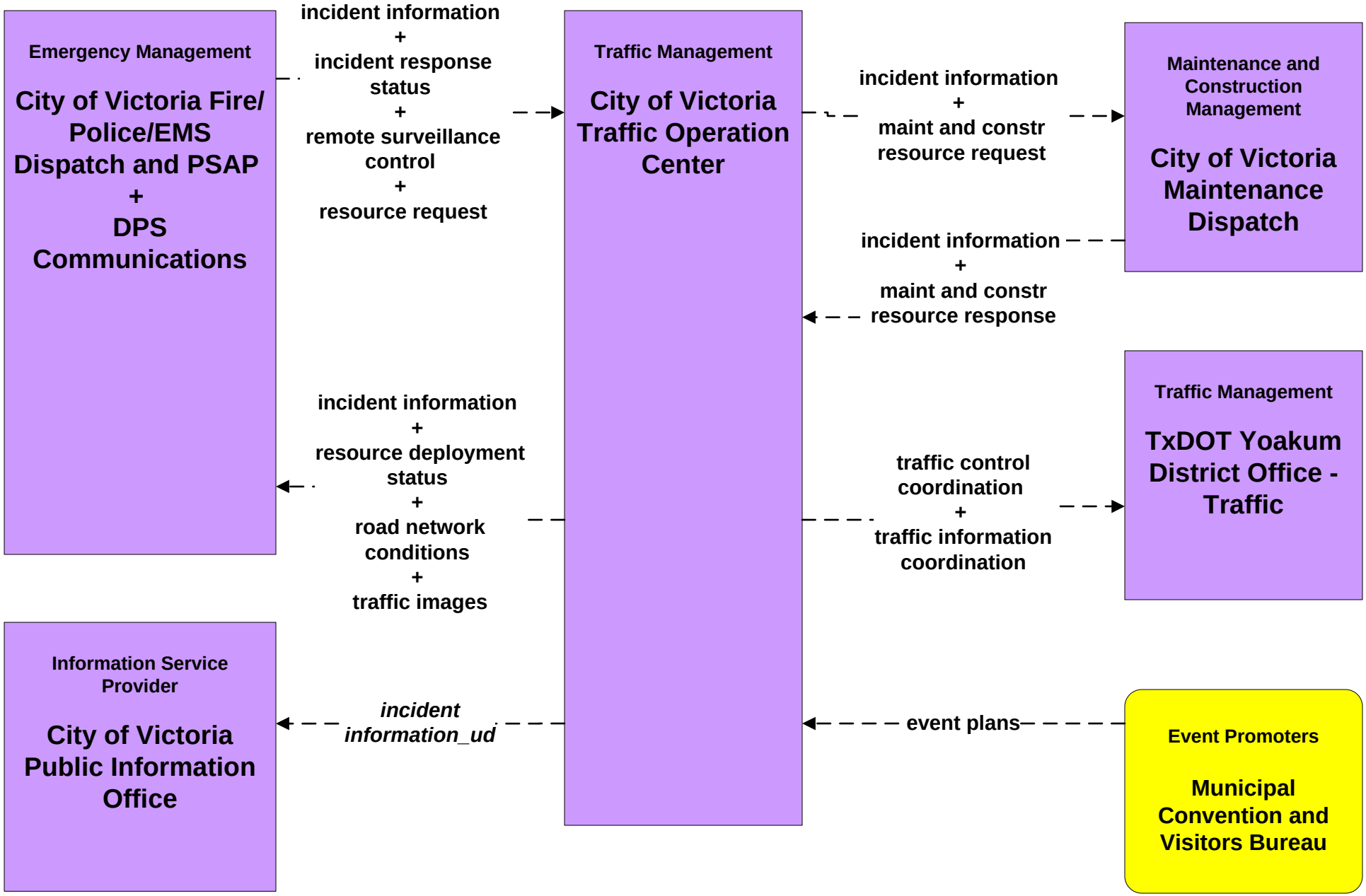


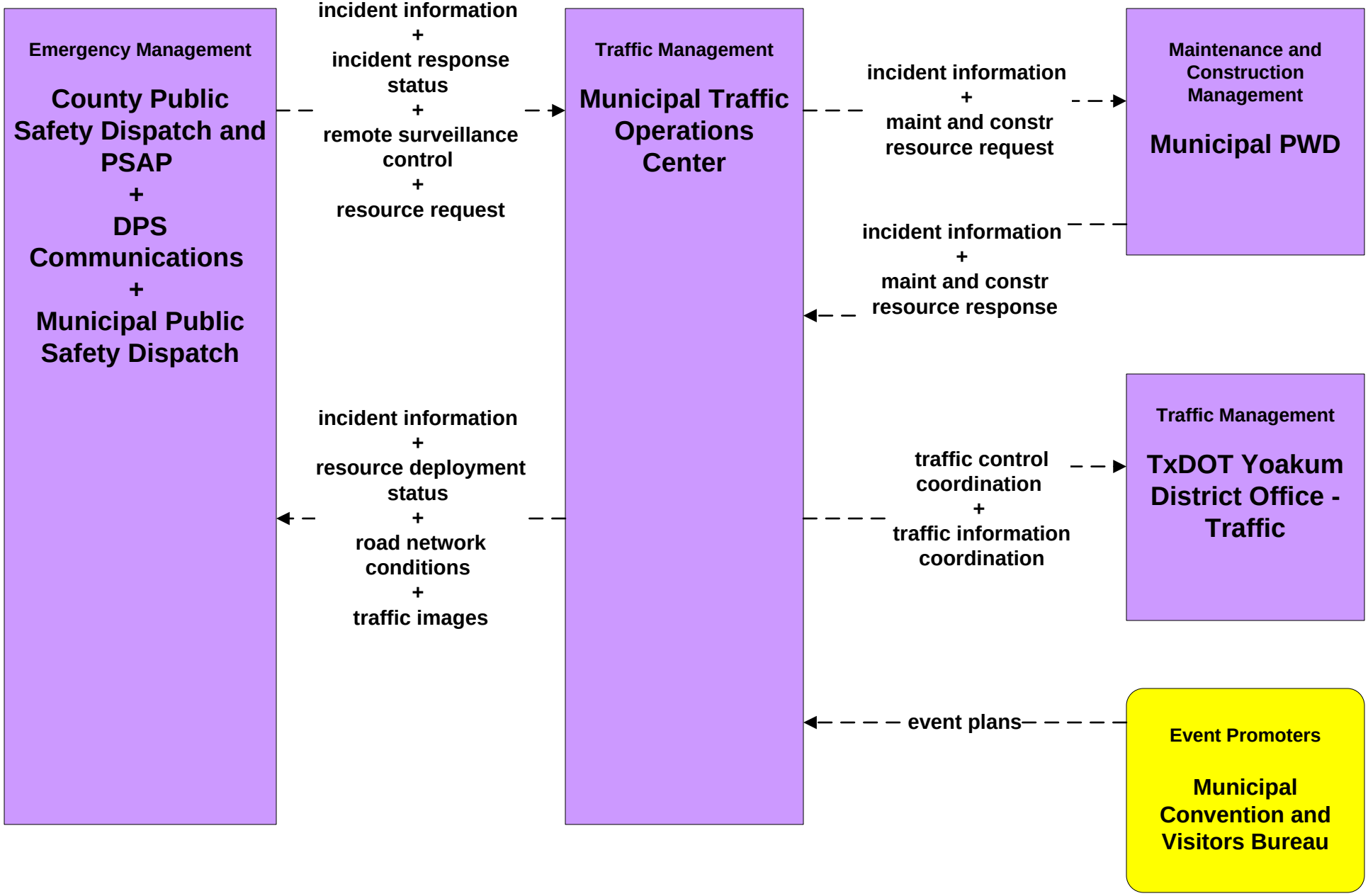
# ATMS08 - Incident Management
# TxDOT Yoakum District Office - Traffic (TM to EM / MCM)



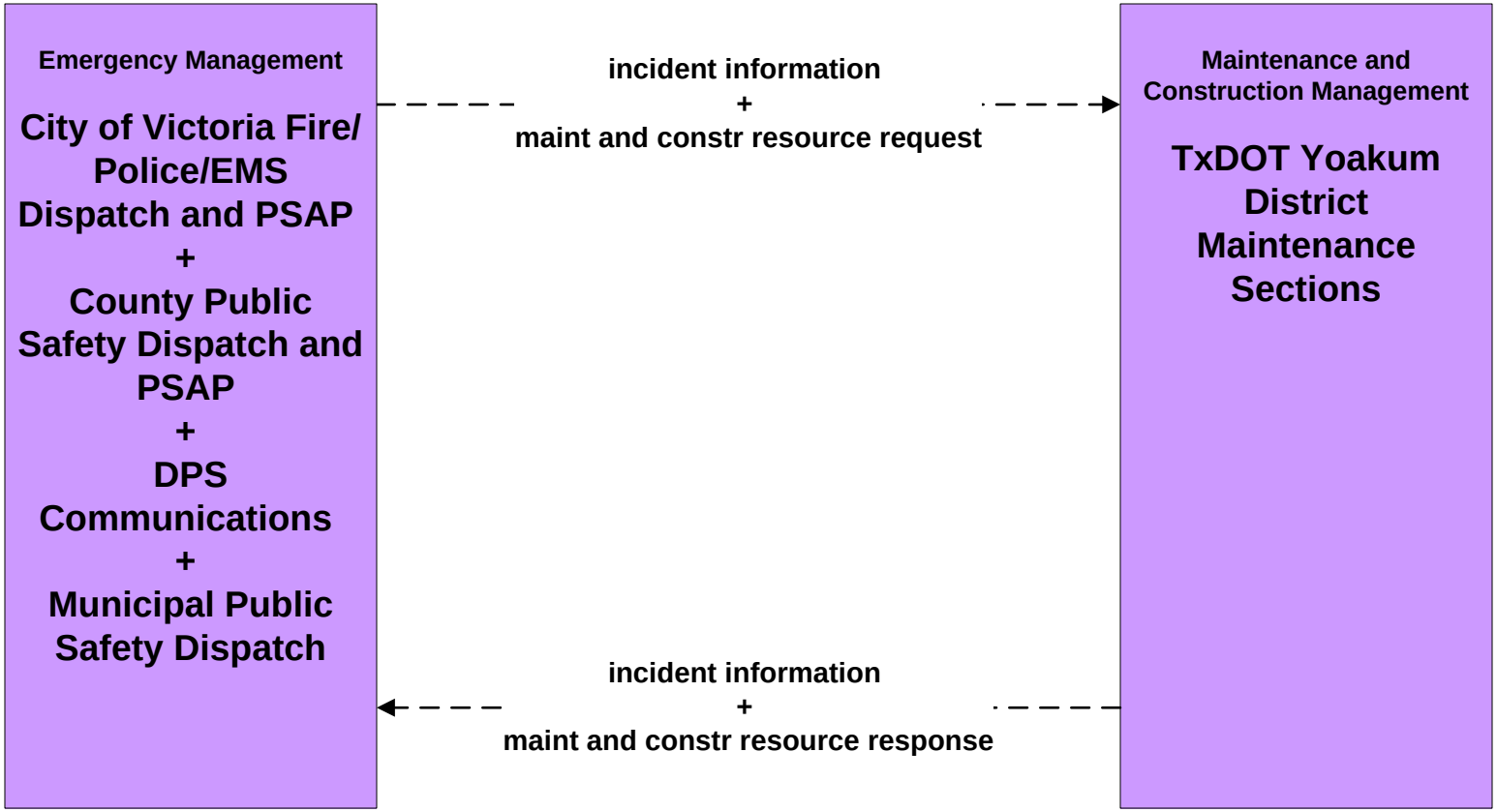
# ATMS08 - Incident Management
# City of Victoria Traffic Operation Center (TM to EM / MCM)

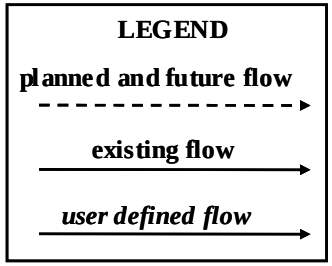


# ATMS08 - Incident Management
# Municipal Traffic Operations Centers (TM to EM / MCM)

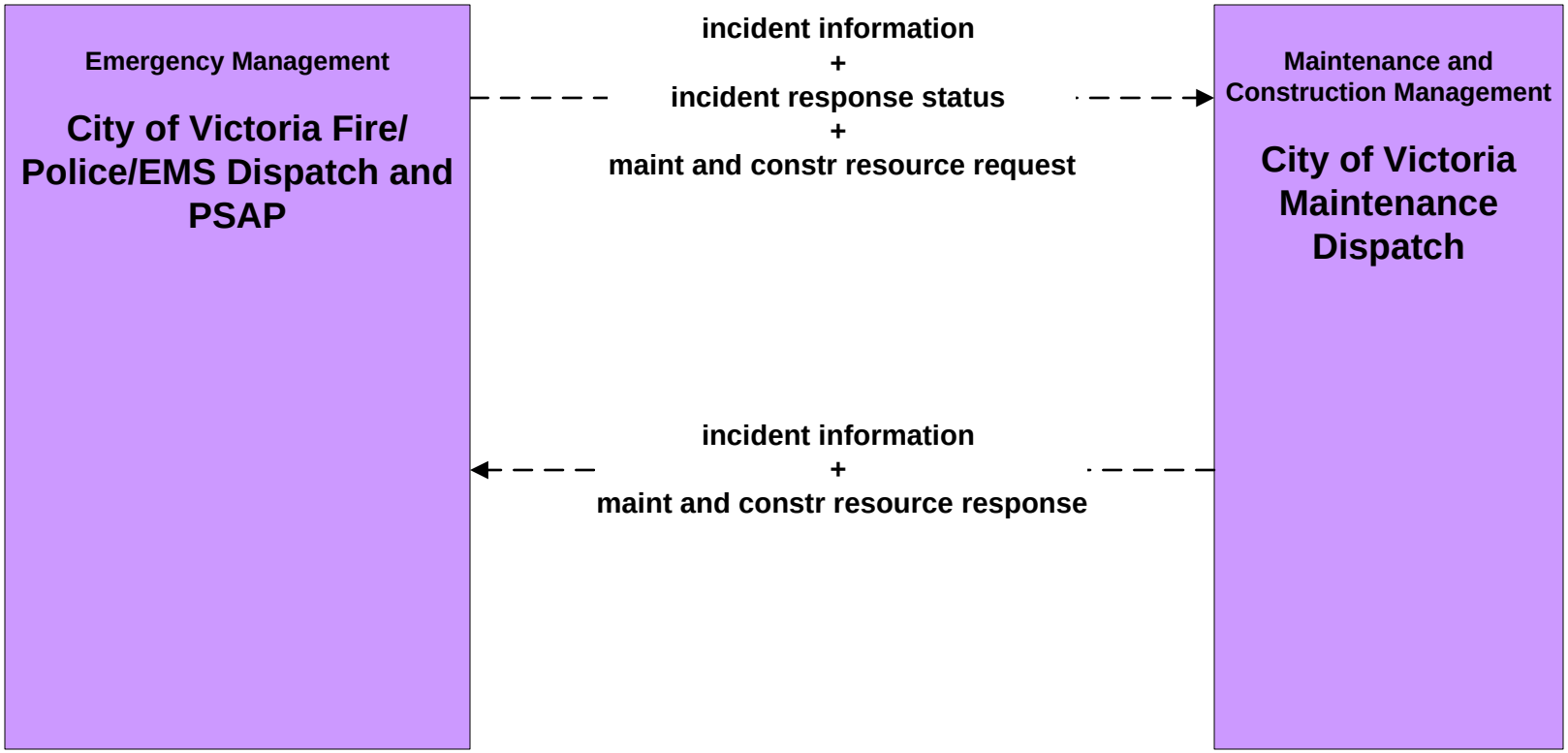


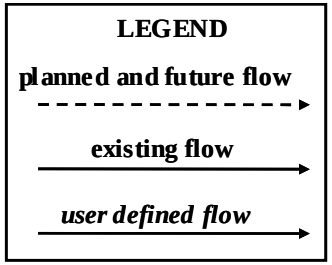
# ATMS08 - Incident Management
# TxDOT Yoakum District Maintenance Sections (MCM to EM)



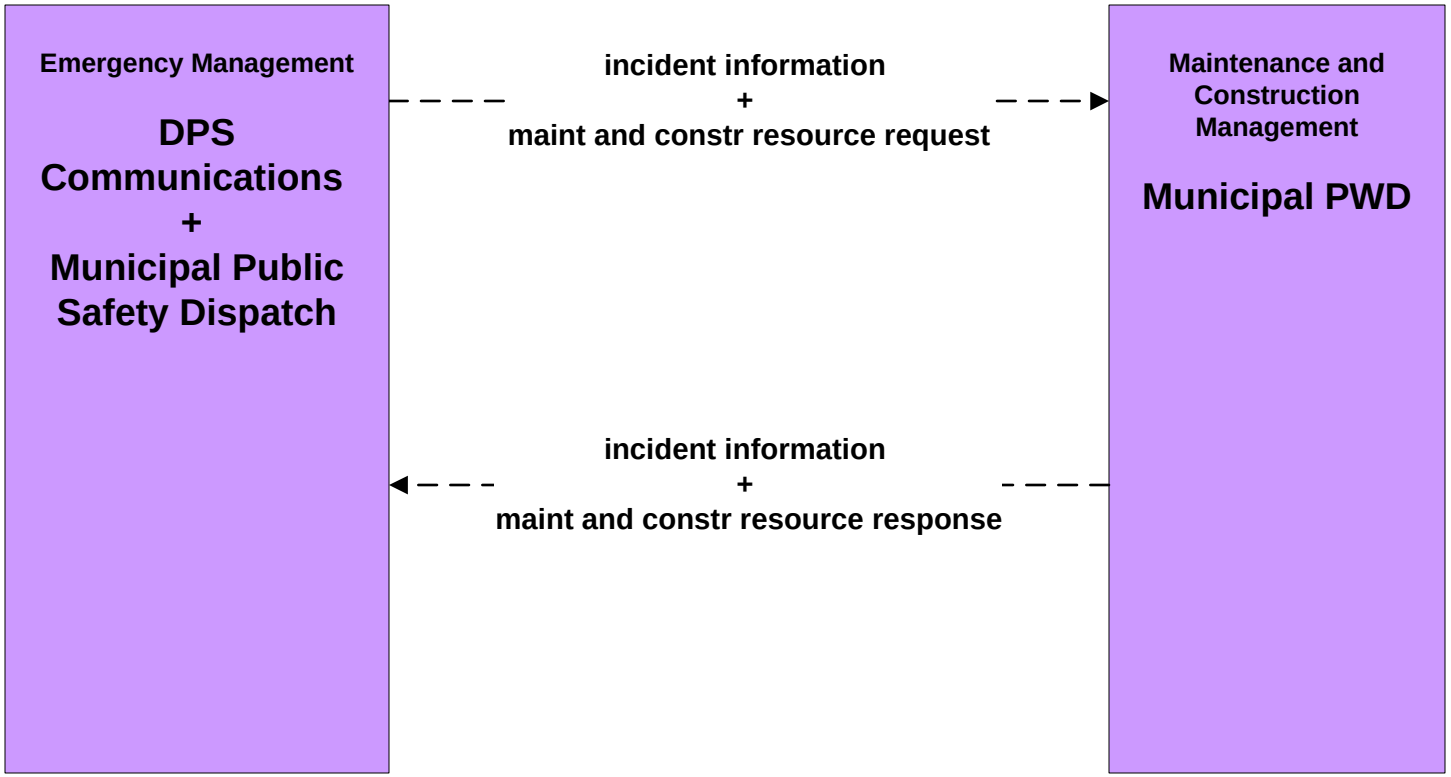



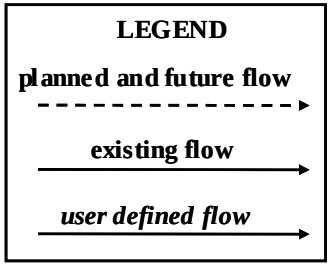
# ATMS08 - Incident Management
# City of Victoria Maintenance Dispatch (MCM to EM)



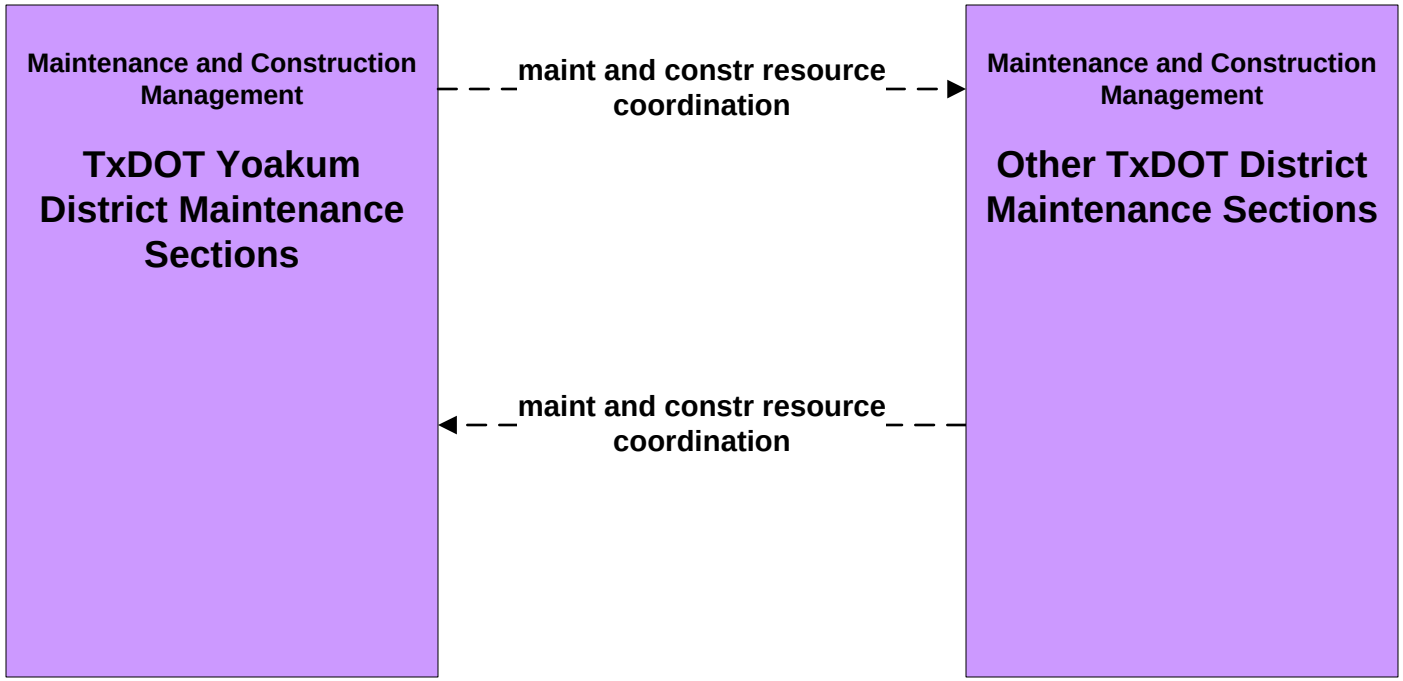



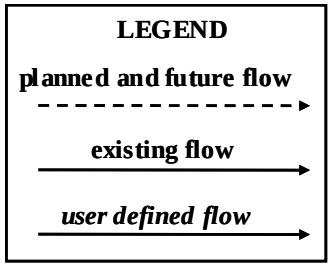
# ATMS08 - Incident Management
# Municipal PWD (MCM to EM)



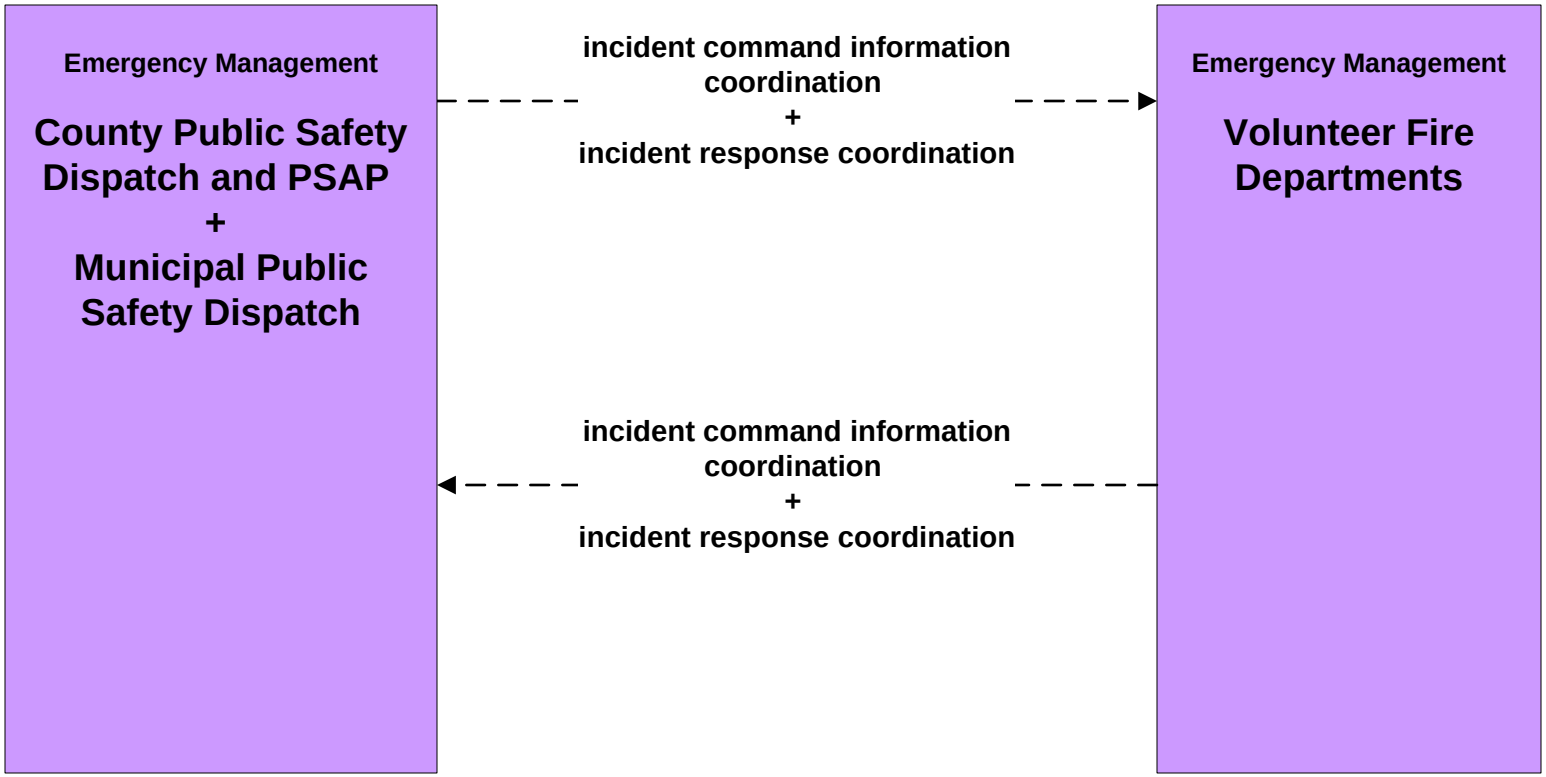



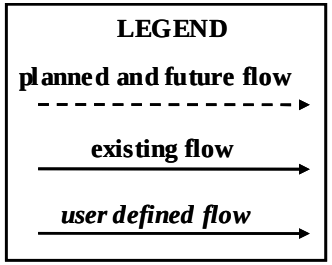
# ATMS08 - Incident Management
# TxDOT Yoakum District Maintenance Sections (MCM to Other MCM)



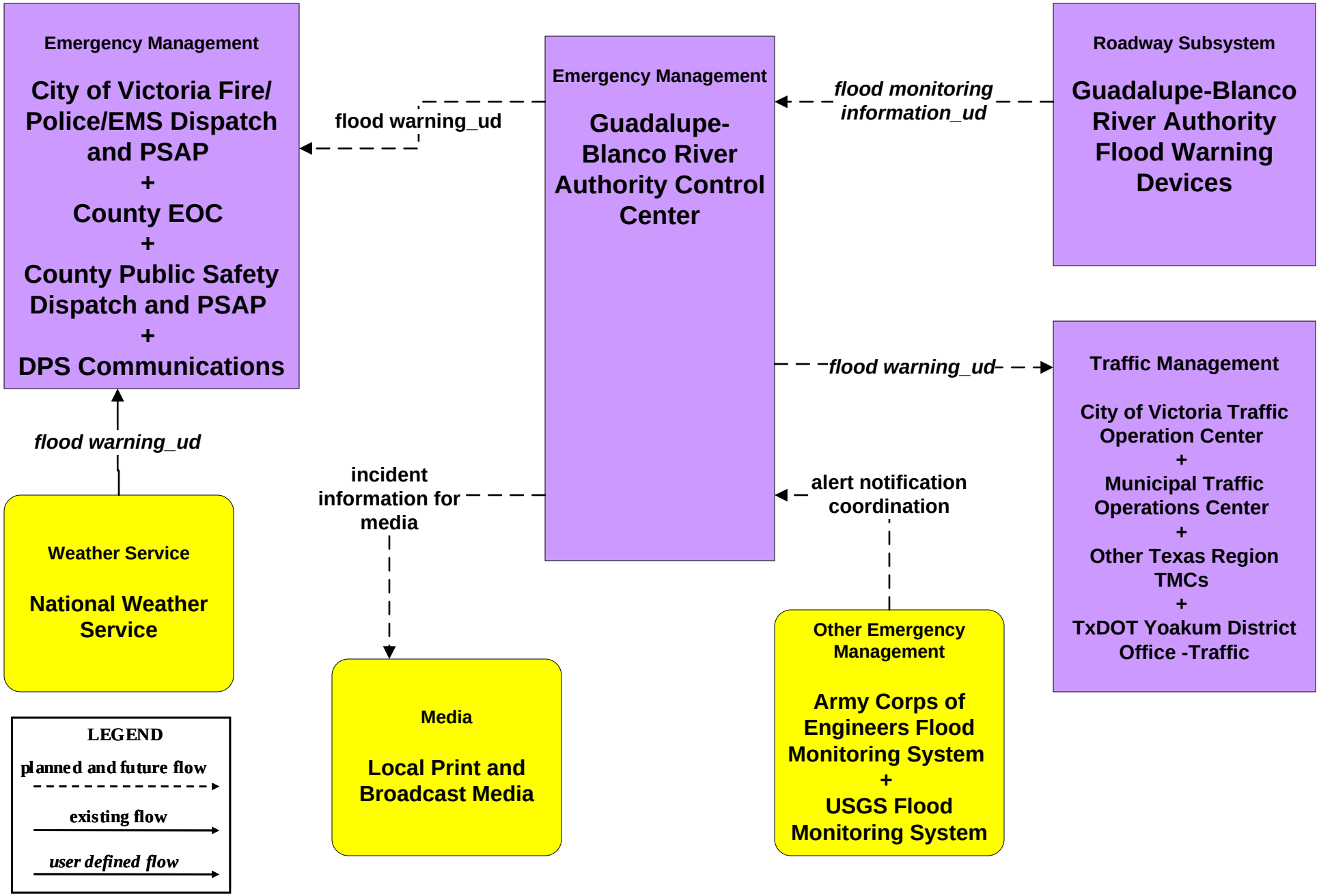



# ATMS08 - Incident Management
# Volunteer Fire Departments

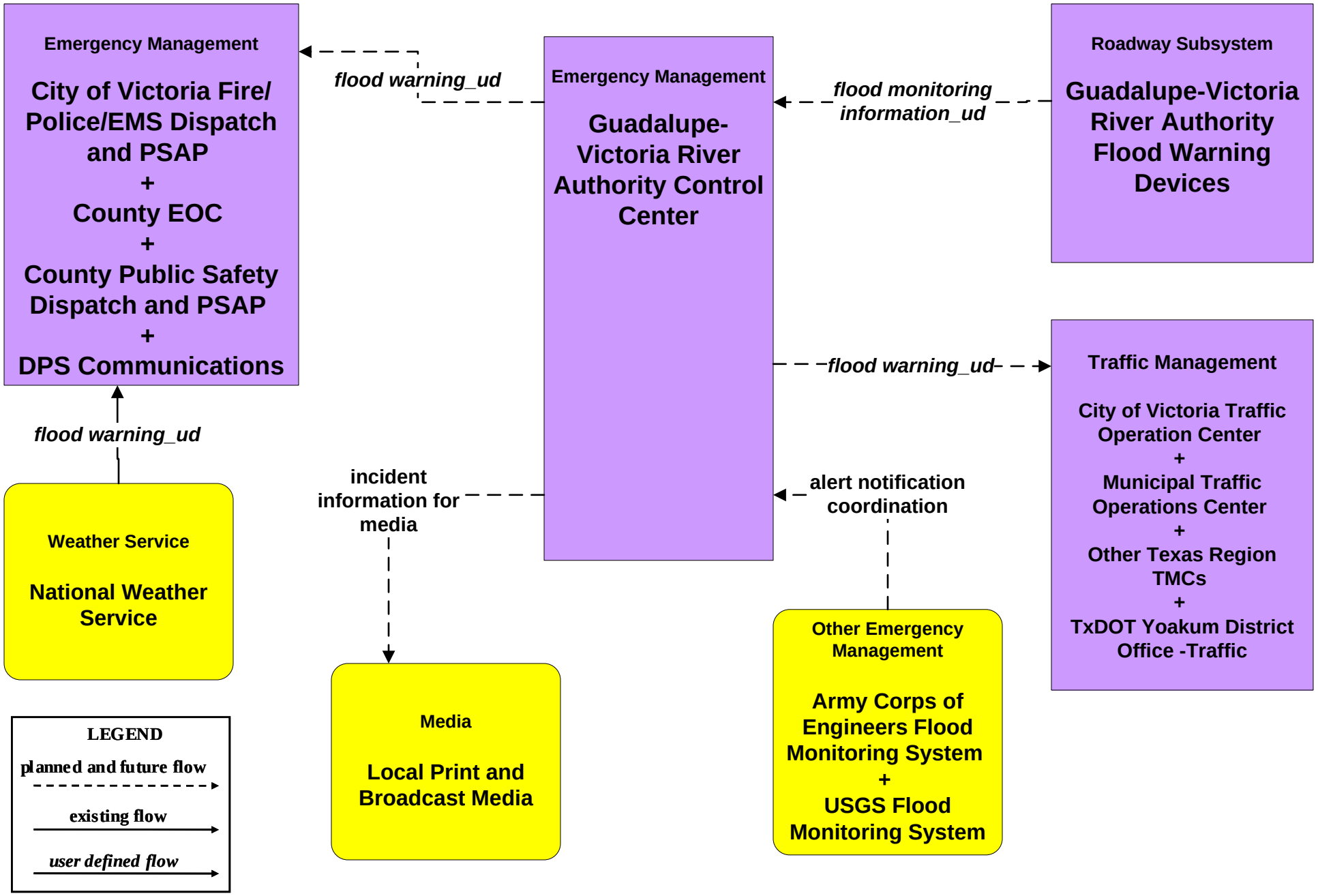


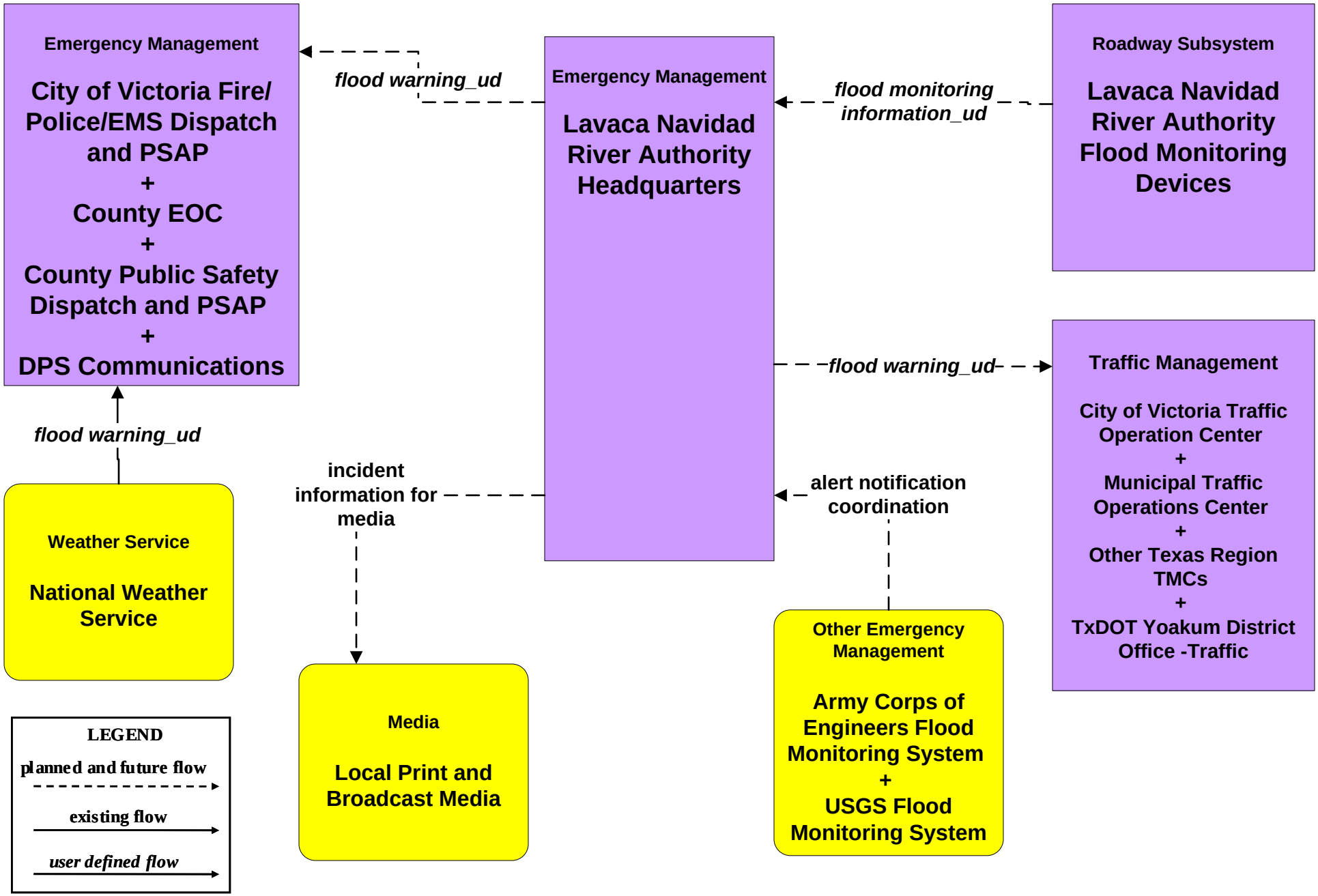
# ATMS08 - Incident Management
# Flood Monitoring – Guadalupe-Blanco River Authority



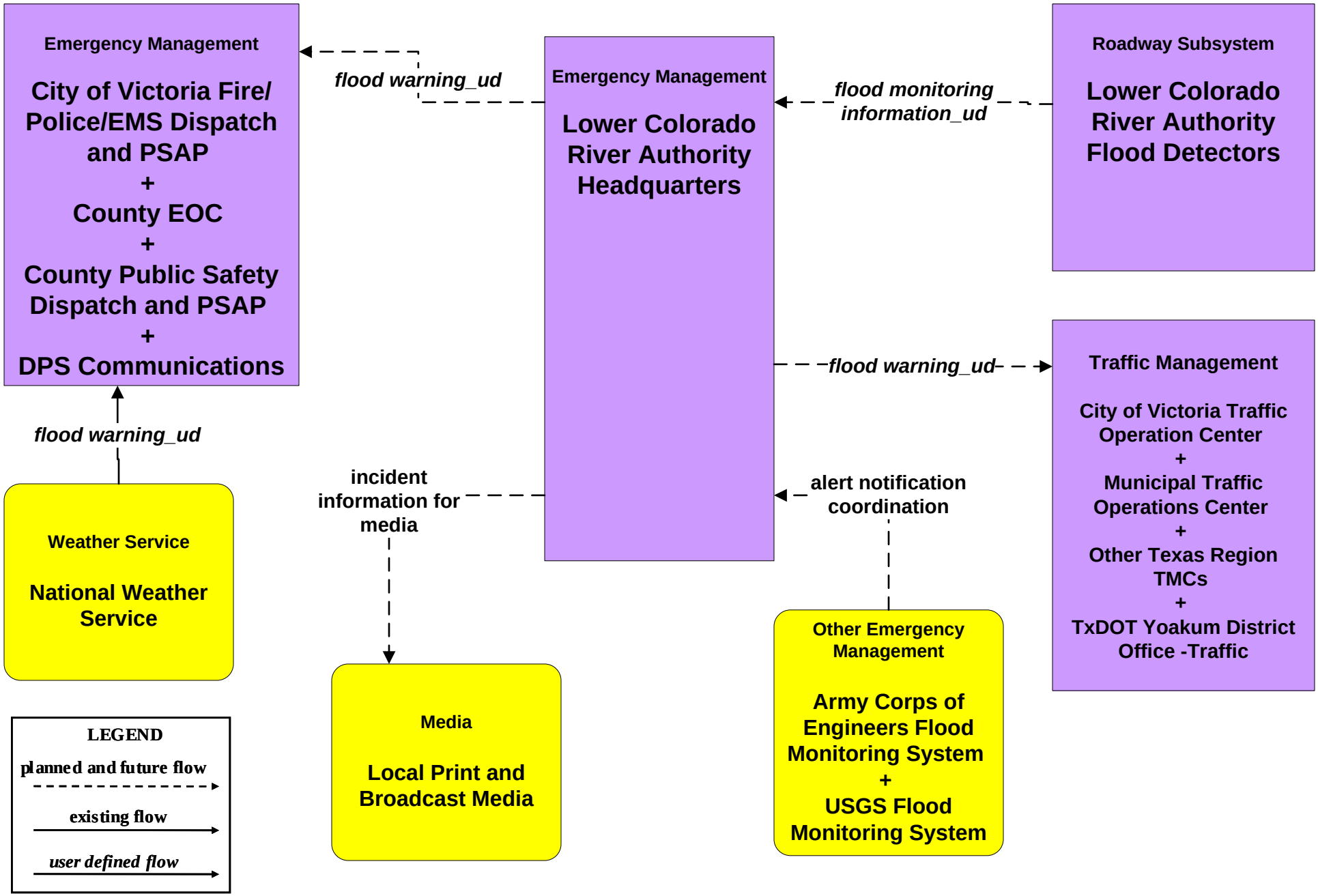
# ATMS08 - Incident Management
# Flood Monitoring – Guadalupe-Victoria River Authority



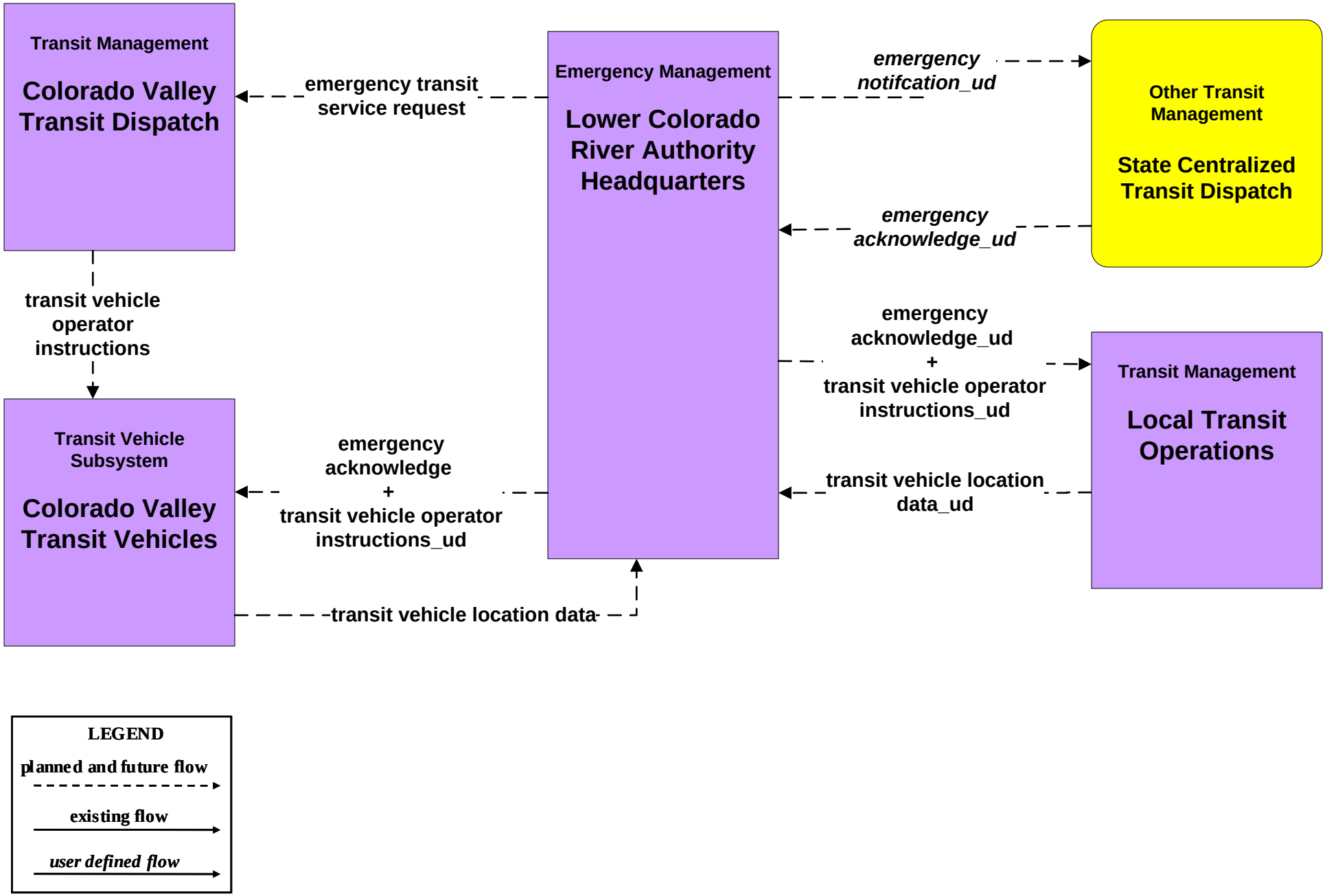
# ATMS08 - Incident Management
# Flood Monitoring - Lavaca Navidad River Authority



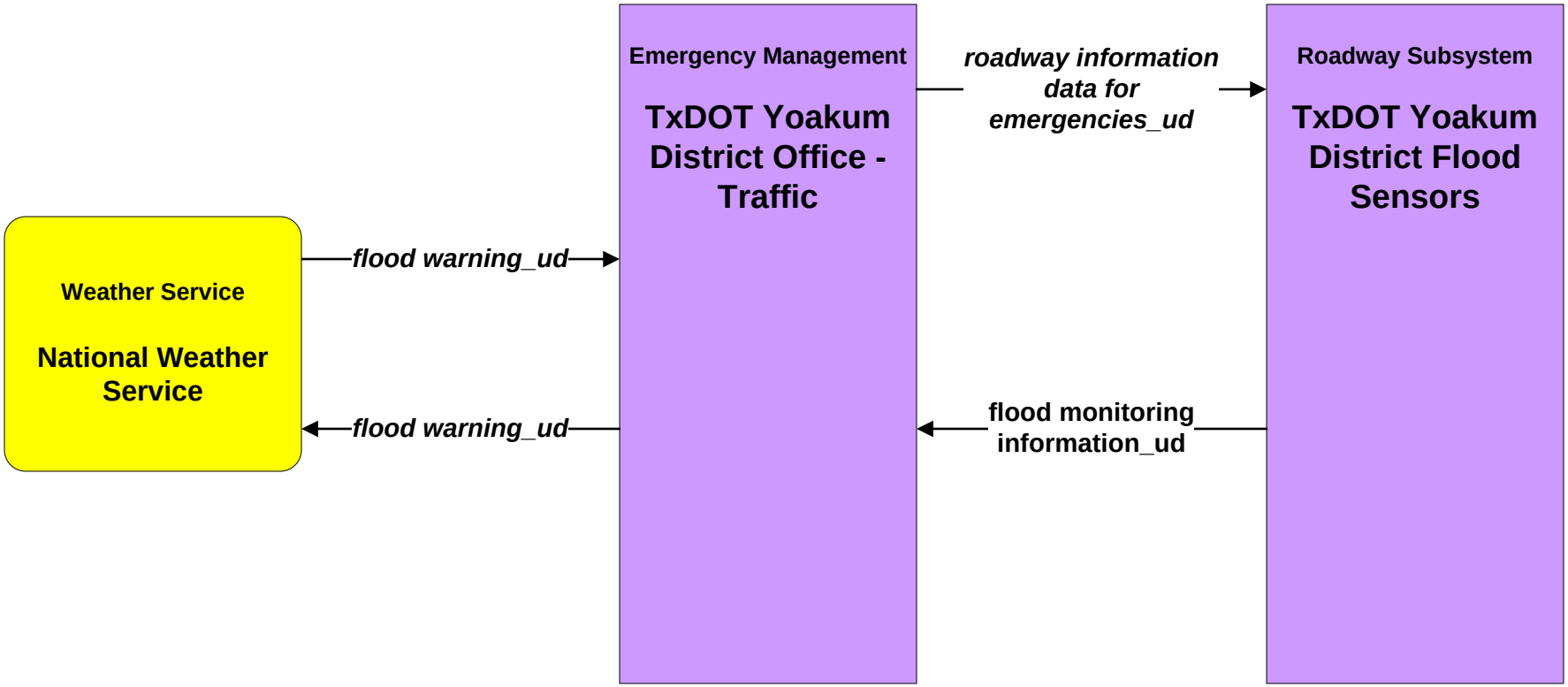
# ATMS08 - Incident Management
# Flood Monitoring – Lower Colorado River Authority (1 of 2)

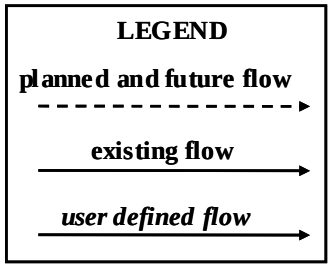


# ATMS08 - Incident Management
# Flood Monitoring – Lower Colorado River Authority (2 of 2)

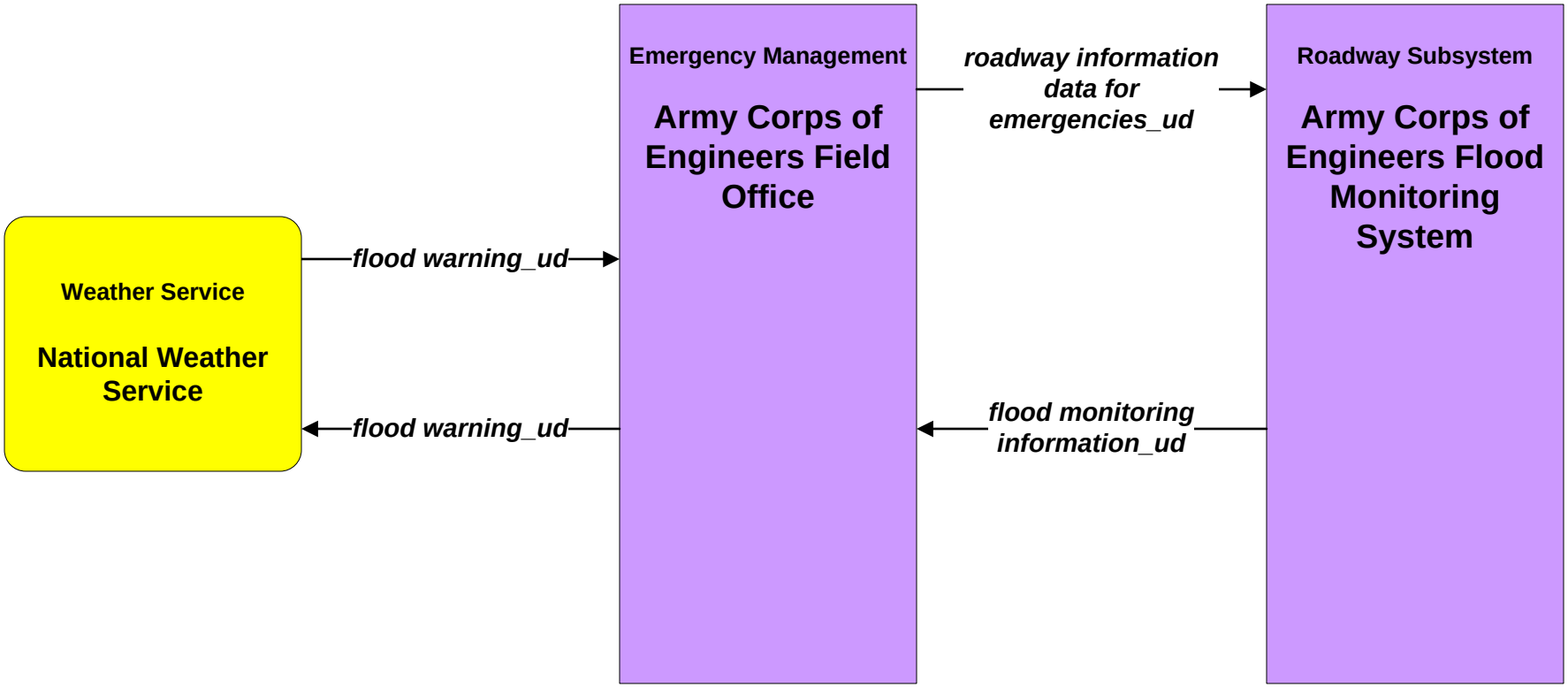


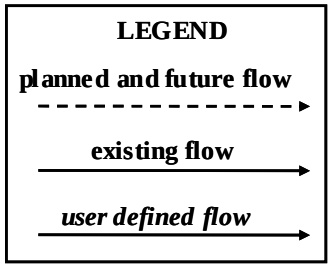
# ATMS08 - Incident Management
# Flood Monitoring – TxDOT Yoakum



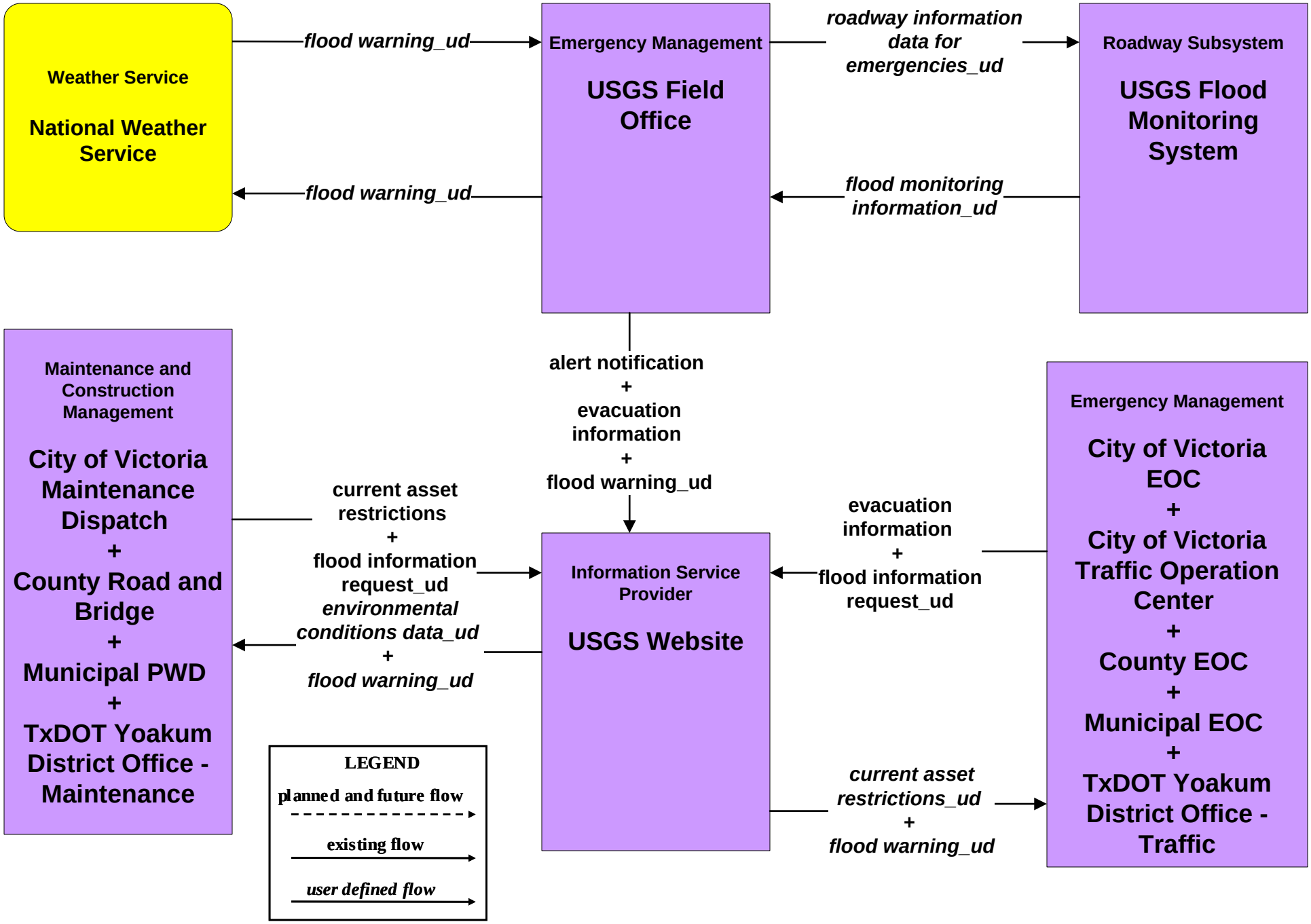



# ATMS08 - Incident Management
# Flood Monitoring – Army Corps of Engineers

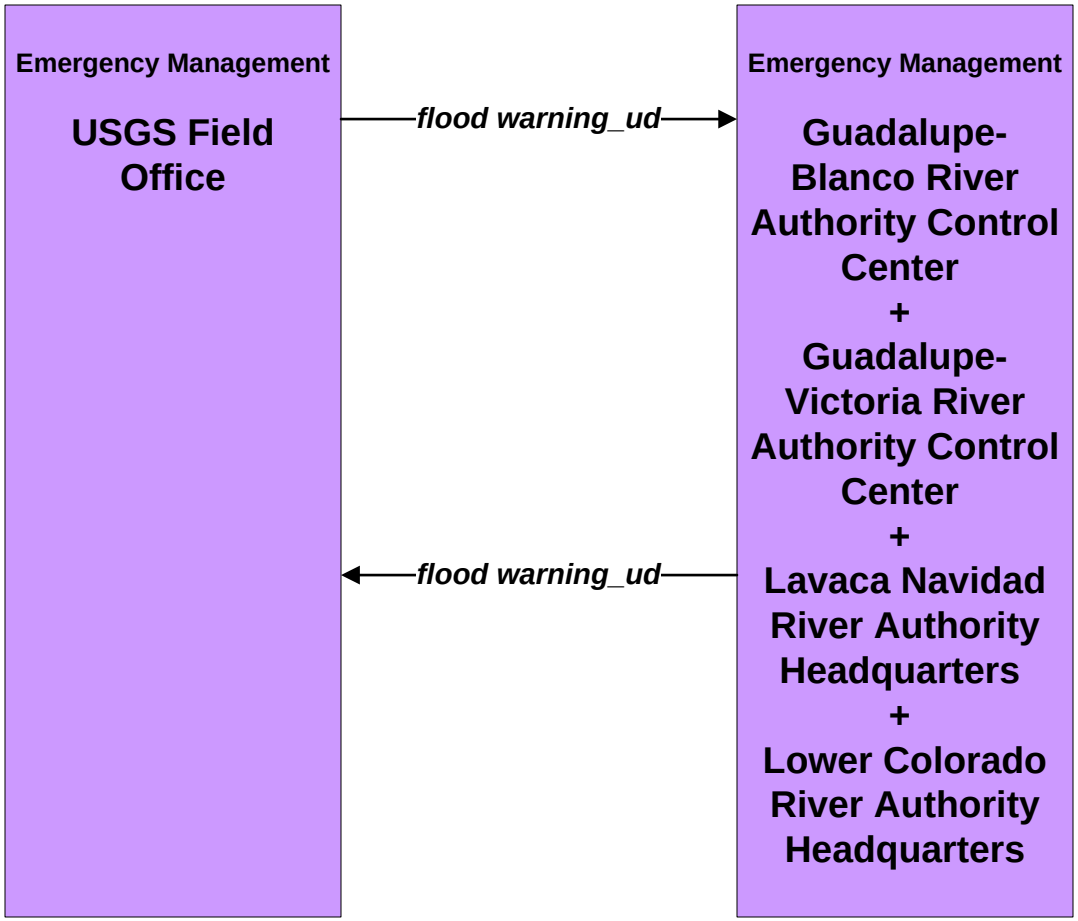


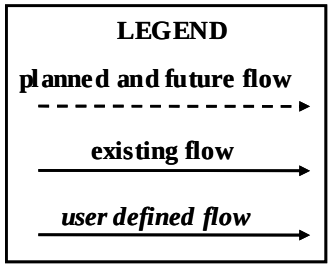



# ATMS08 - Incident Management
# Flood Monitoring – USGS

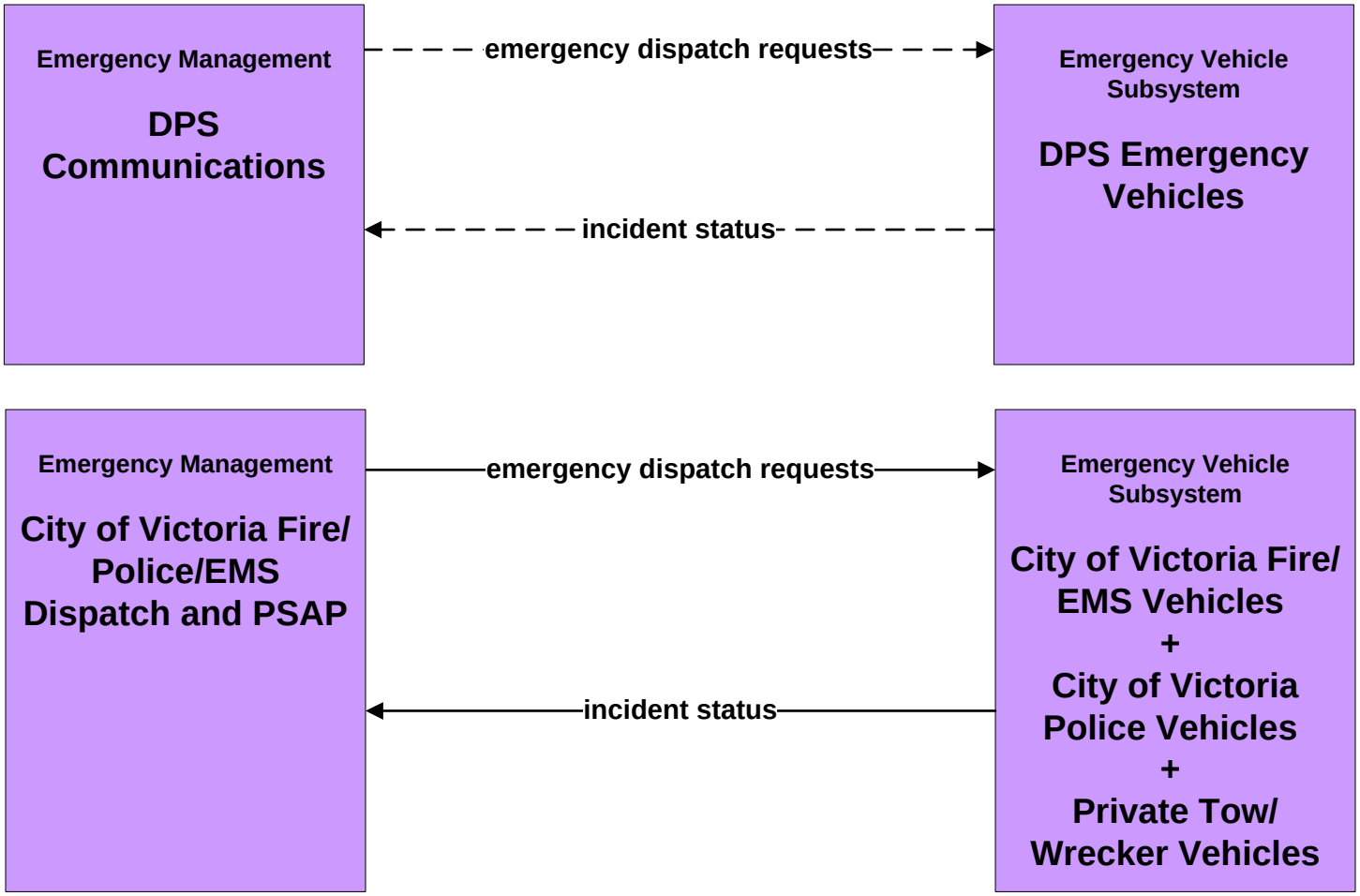


# ATMS08 - Incident Management
# Flood Monitoring – Coordination



# ATMS08 - Incident Management
# (EM to EVS)



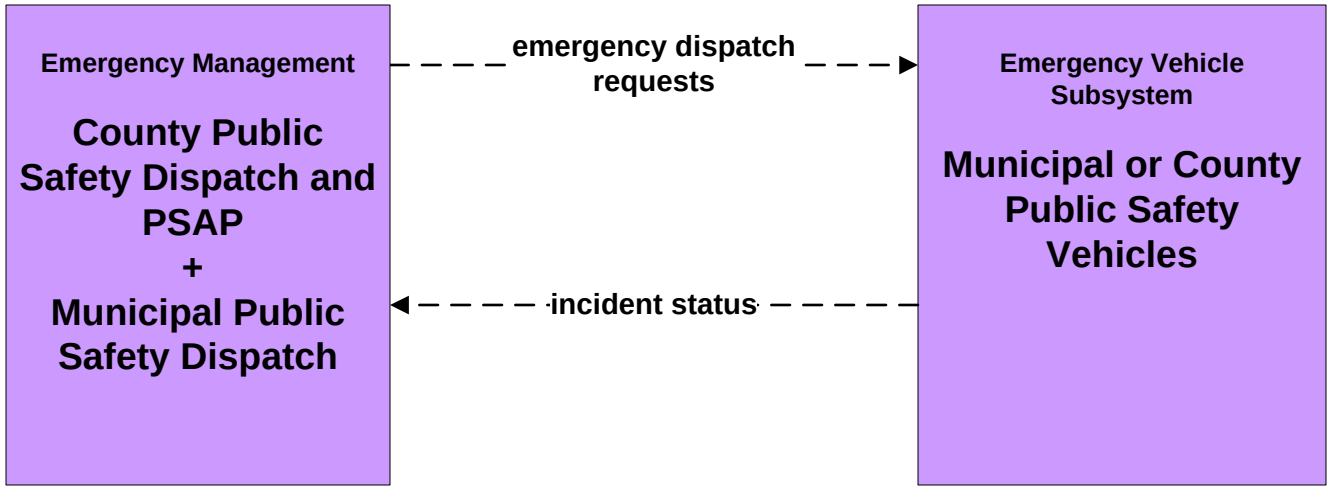

**LEGEND**

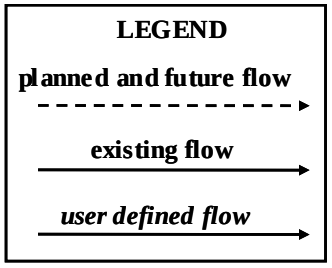
planned and future flow

existing flow

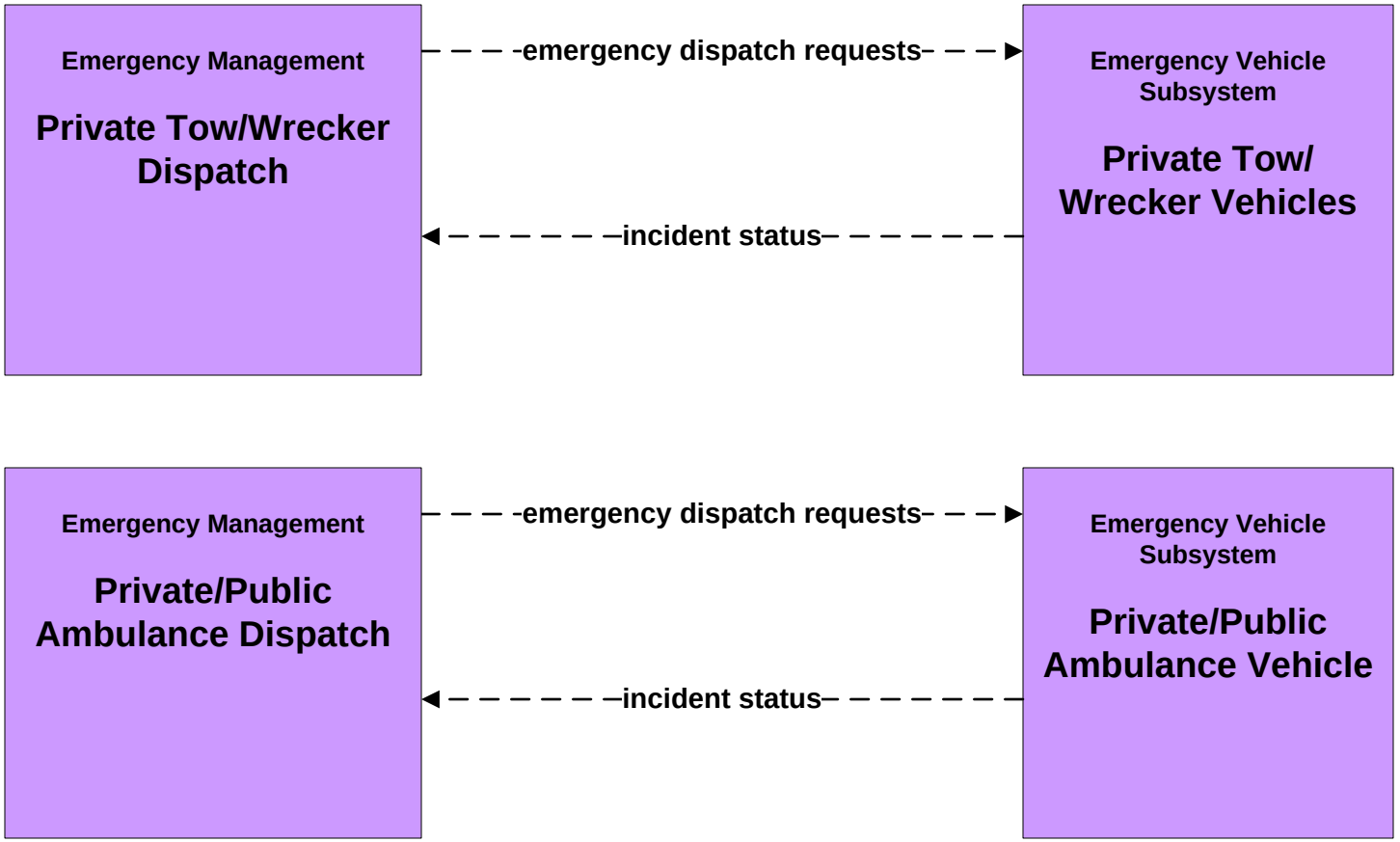
*user defined flow*

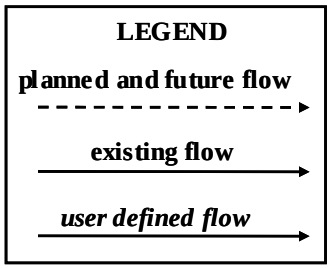
# ATMS08 - Incident Management
# (EM to EVS)



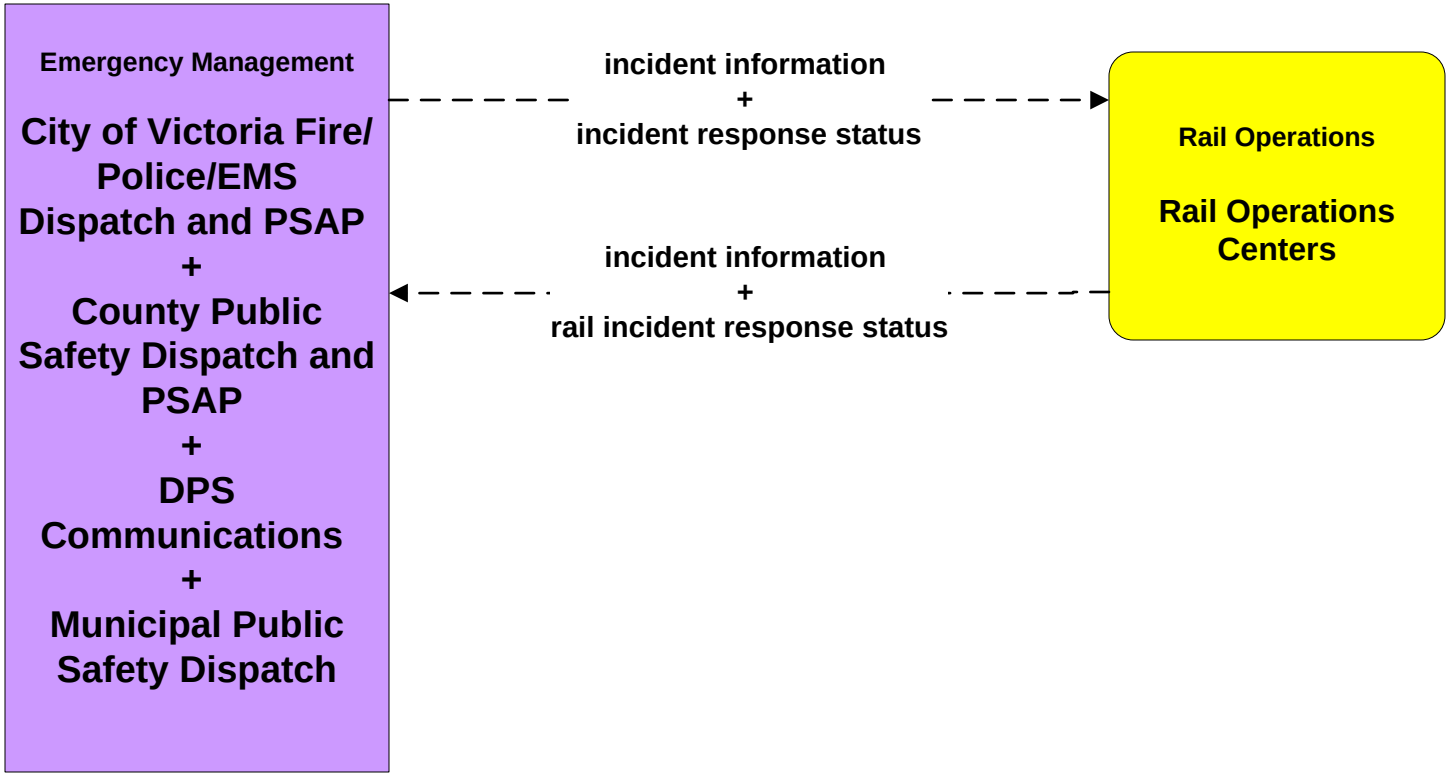



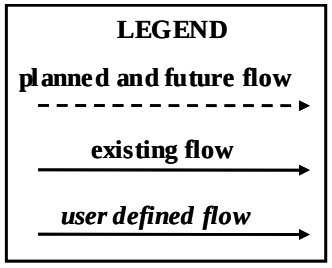
# ATMS08 - Incident Management
# (EM to EVS)



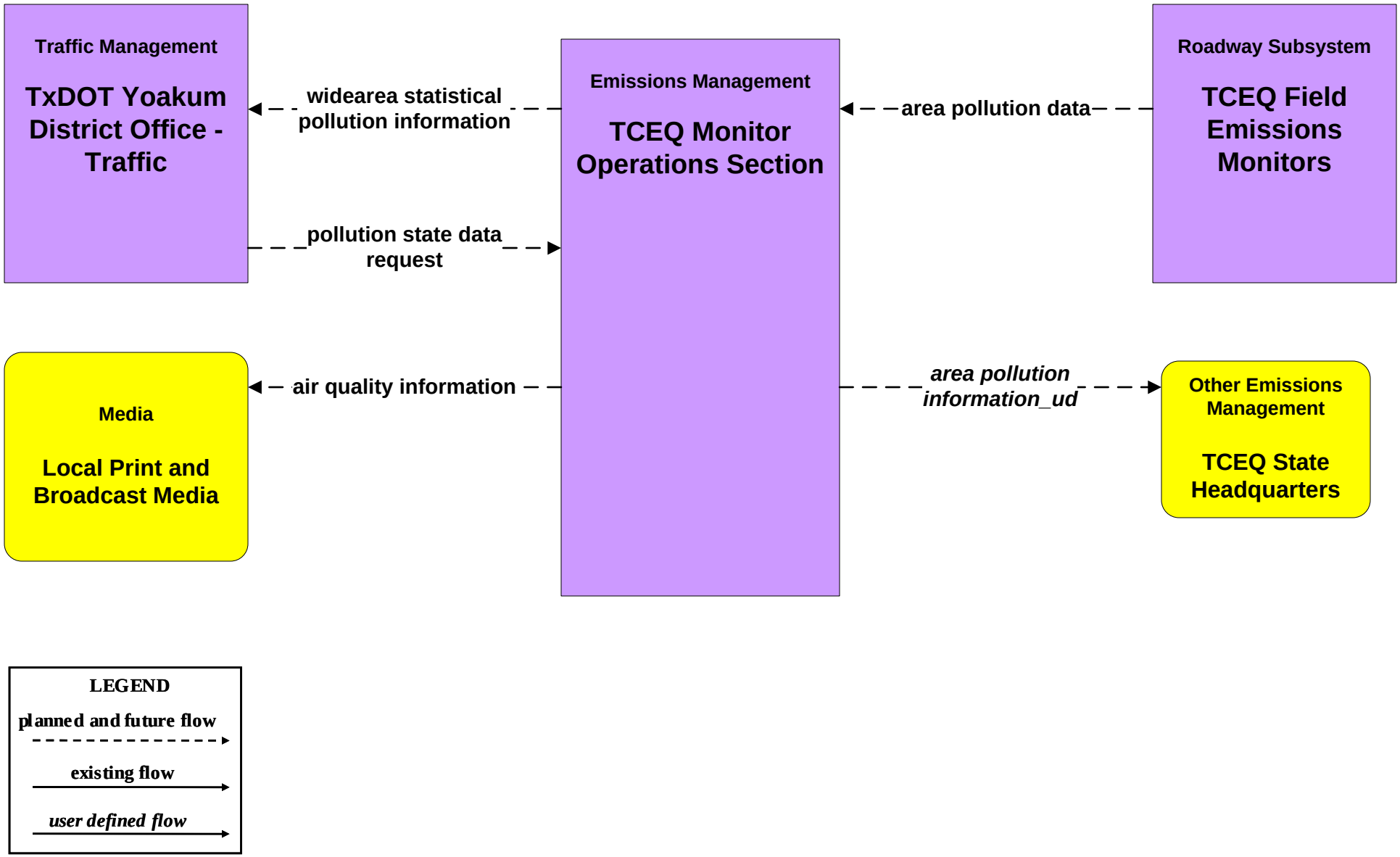



# ATMS08 - Incident Management
# Rail Operations Coordination

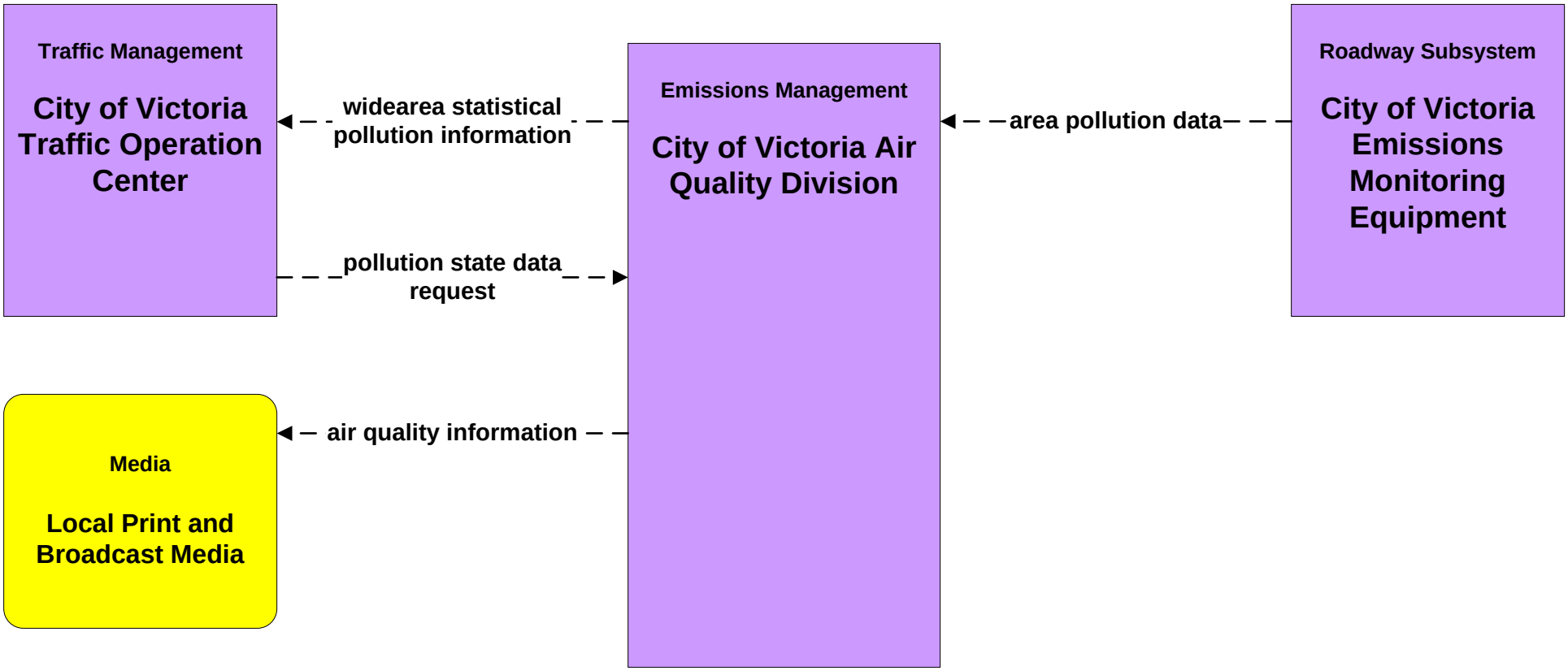


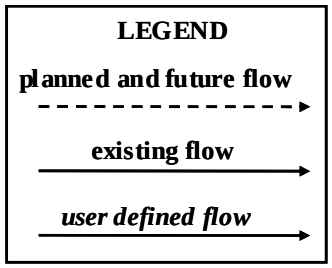



# ATMS11 - Emissions Monitoring and Management
# TCEQ

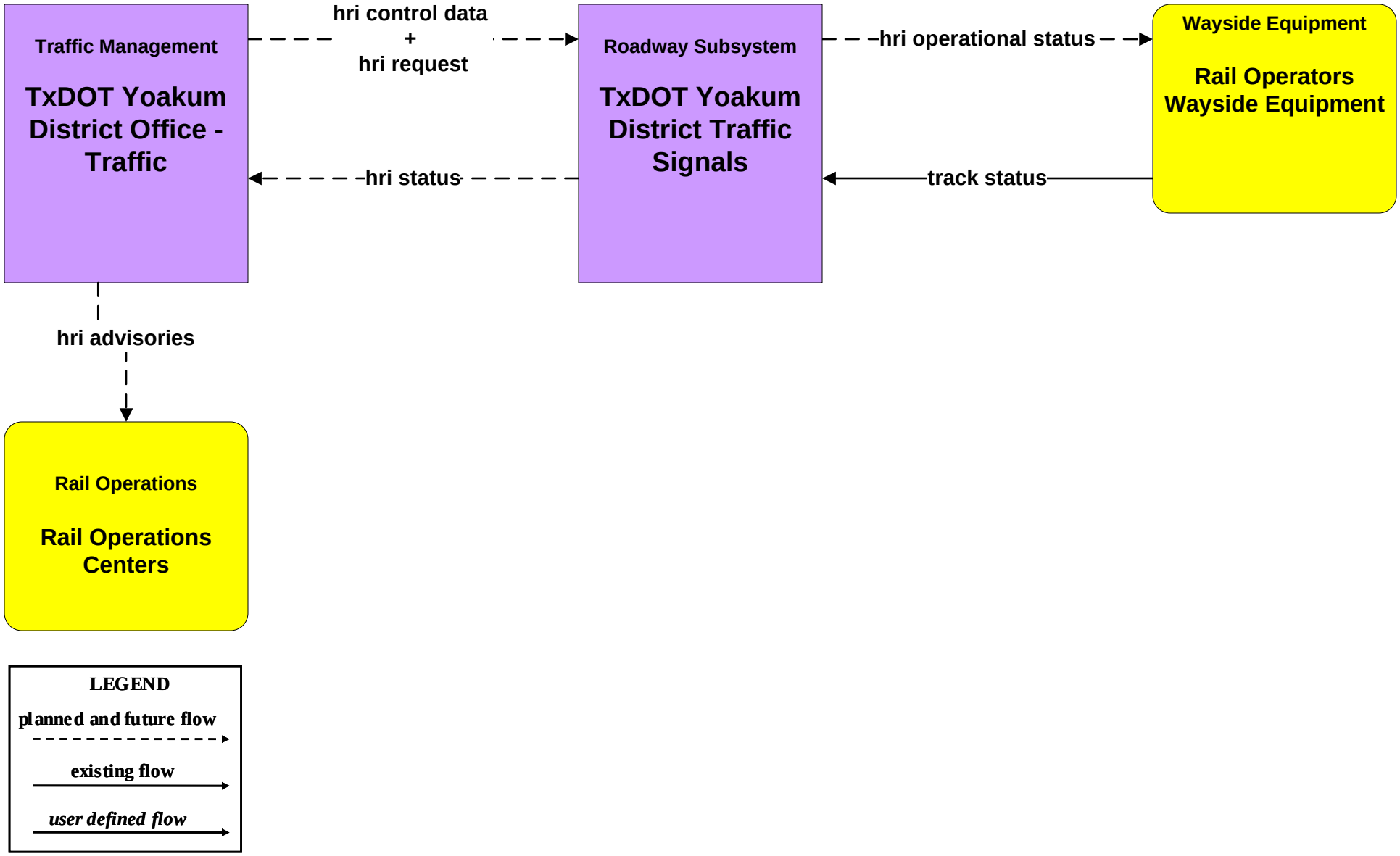


# ATMS11 - Emissions Monitoring and Management
# City of Victoria

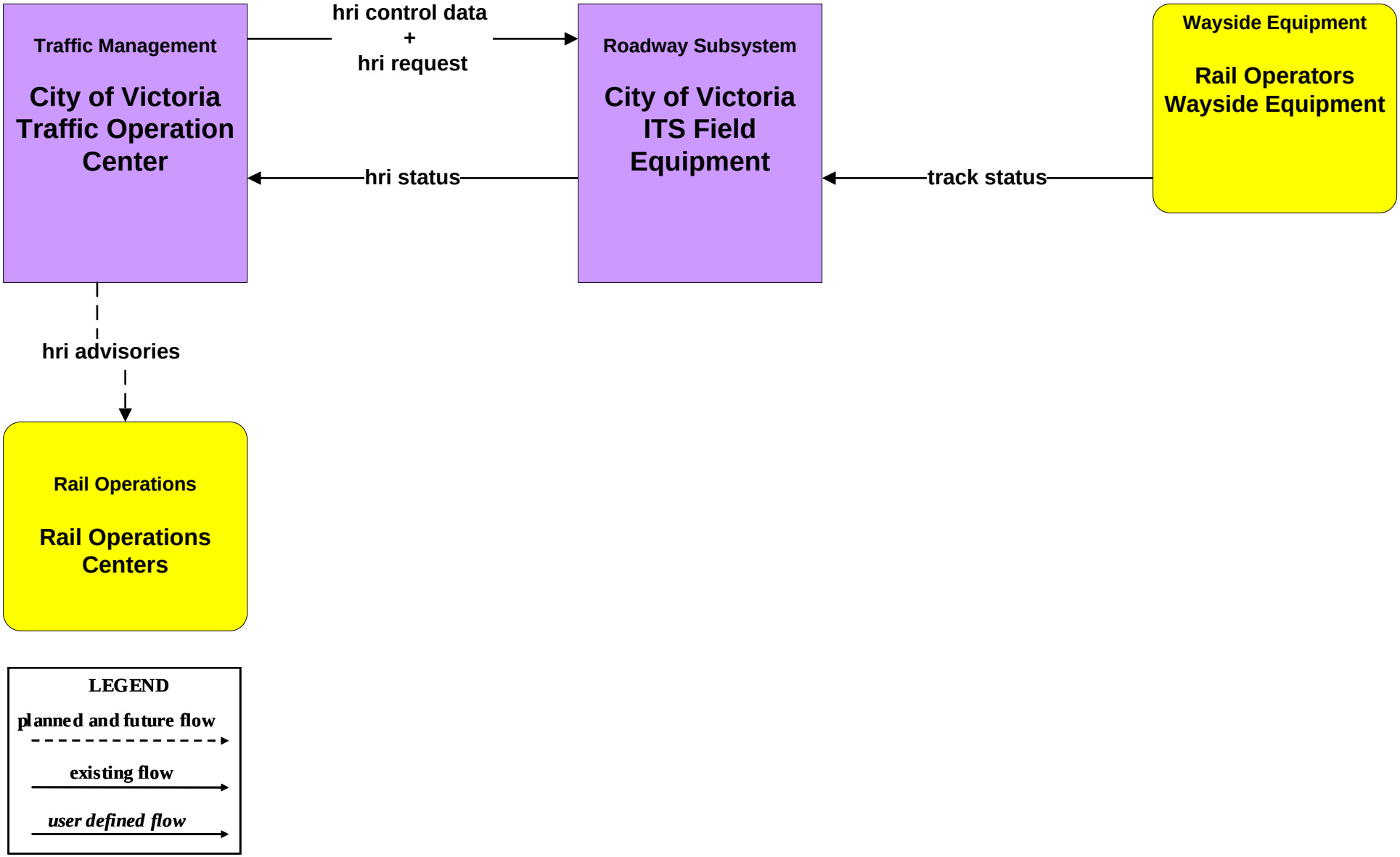


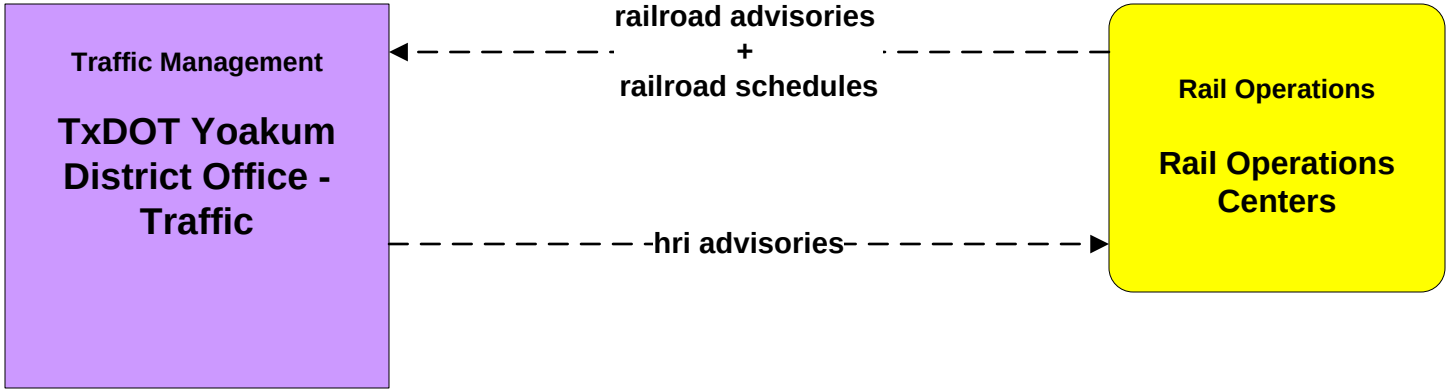
# ATMS13 - Standard Railroad Crossing
# TxDOT Yoakum District Traffic Management Center

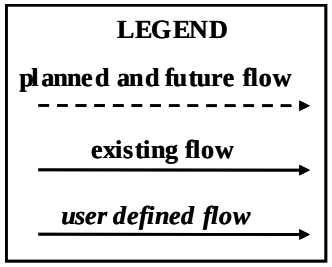


# ATMS13 - Standard Railroad Crossing
# City of Victoria Traffic Operations Center

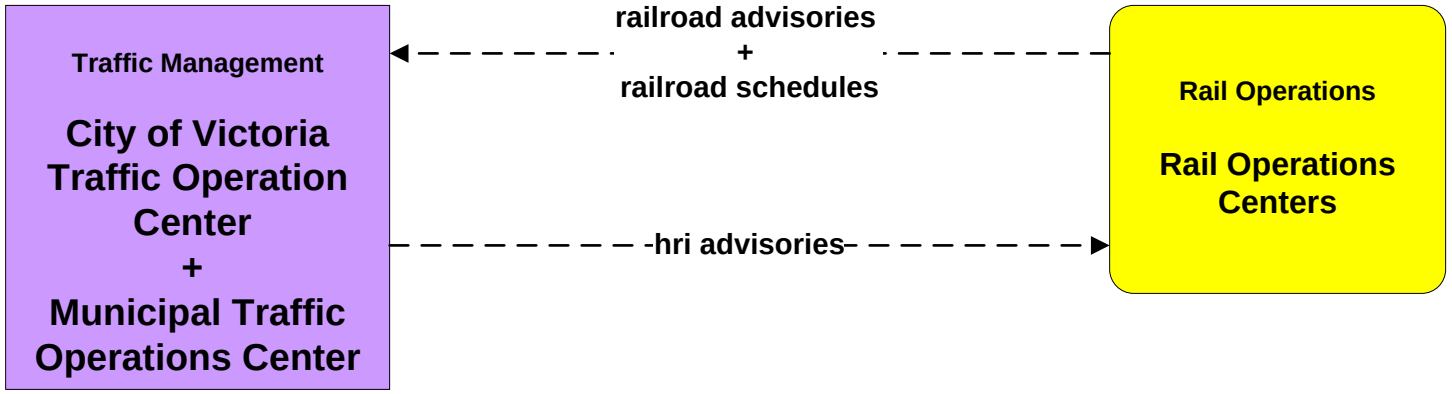


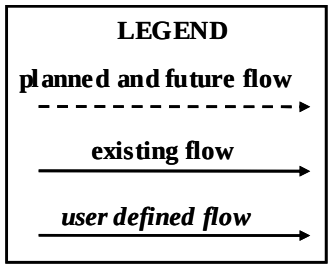
# ATMS15 - Railroad Operations Coordination
# TxDOT Yoakum District Traffic Management Center



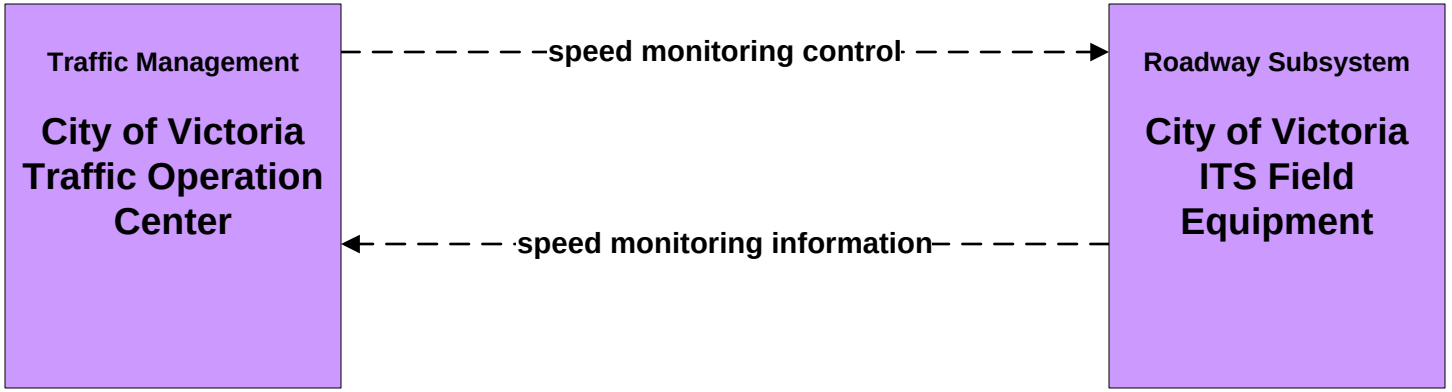



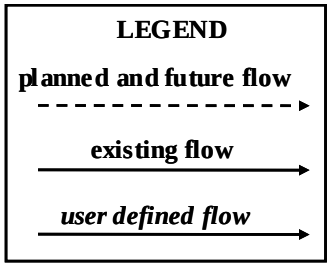
# ATMS15 - Railroad Operations Coordination
# Municipal/ City of Victoria Traffic Operations Center



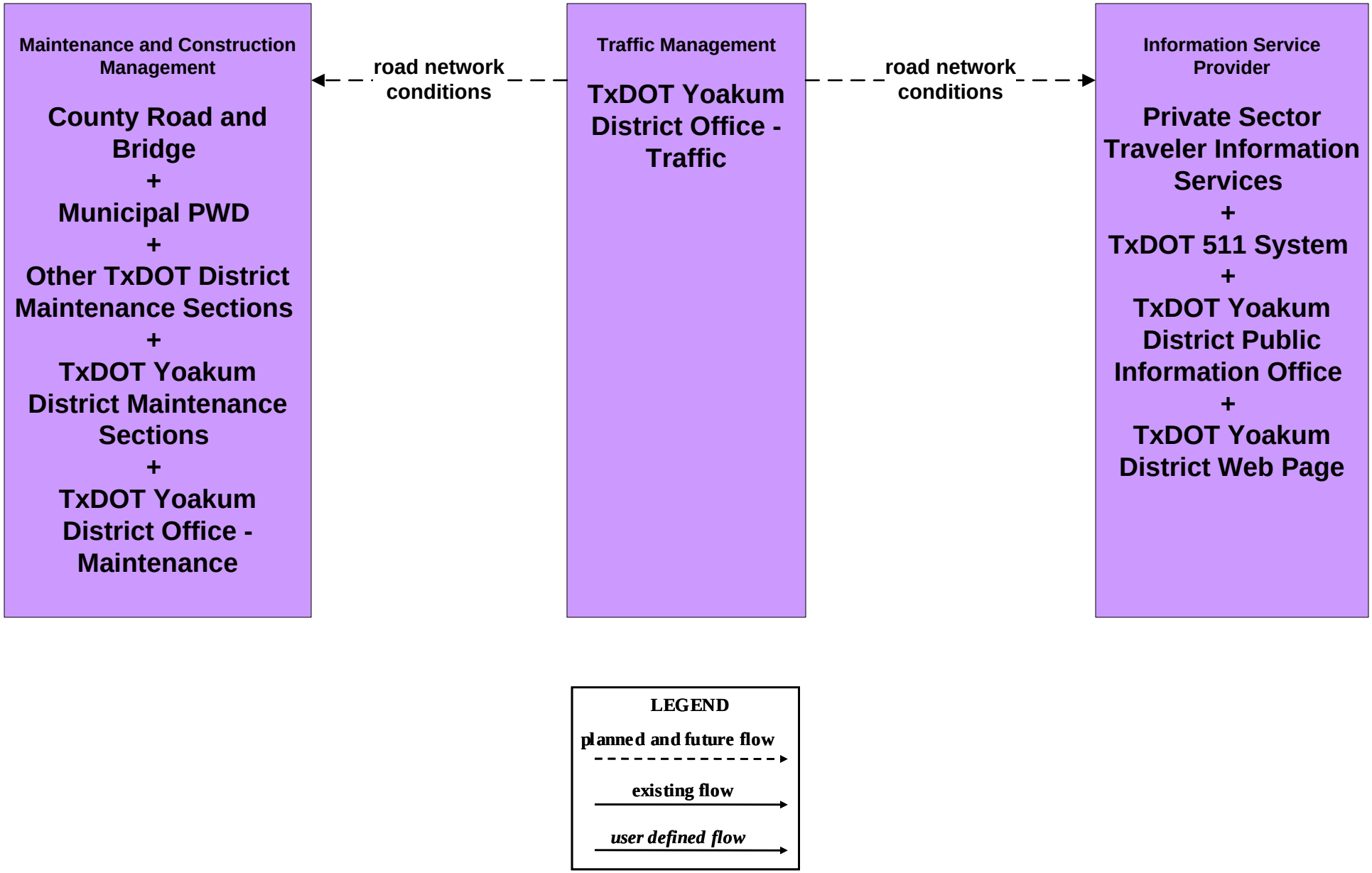



# ATMS19 - Speed Monitoring
# City of Victoria

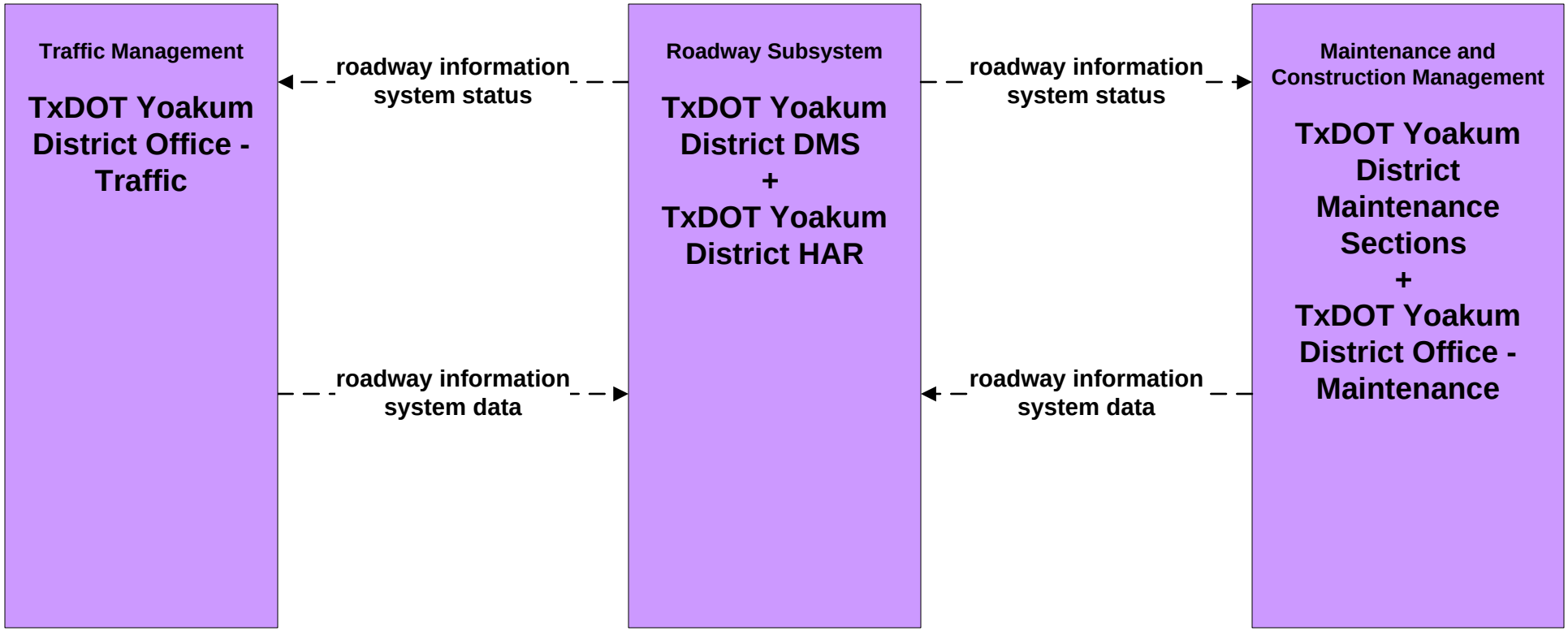


# ATMS21 - Roadway Closure Management
# TxDOT Yoakum District Traffic Management Center (1 of 3)



# ATMS21 - Roadway Closure Management
# TxDOT Yoakum District Traffic Management Center (2 of 3)




*TxDOT Maintenance sections post to HCRS if road closure is projected to br over 4 hours for scheduled maintenance activities.*

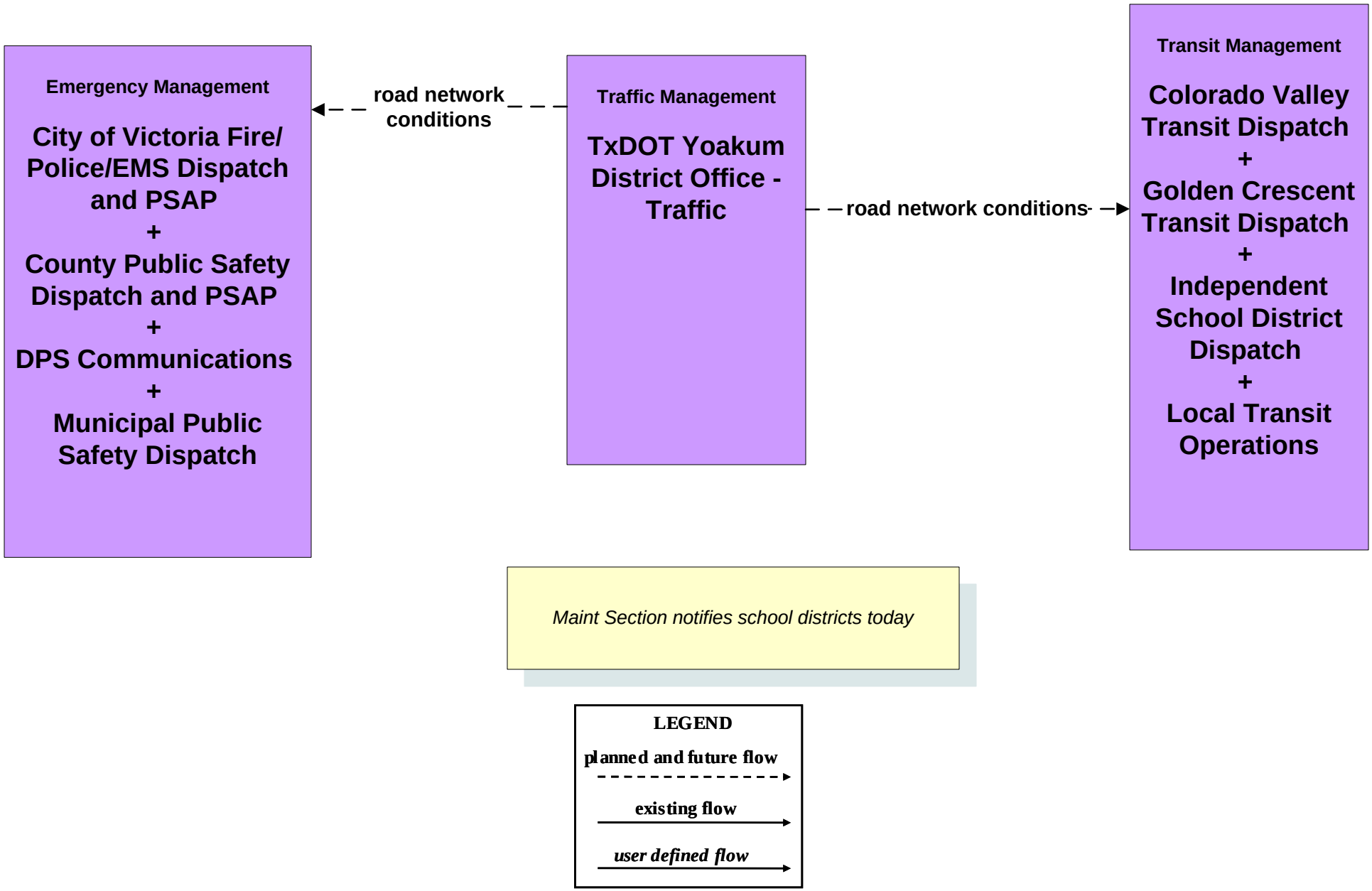
**LEGEND**

**planned and future flow**

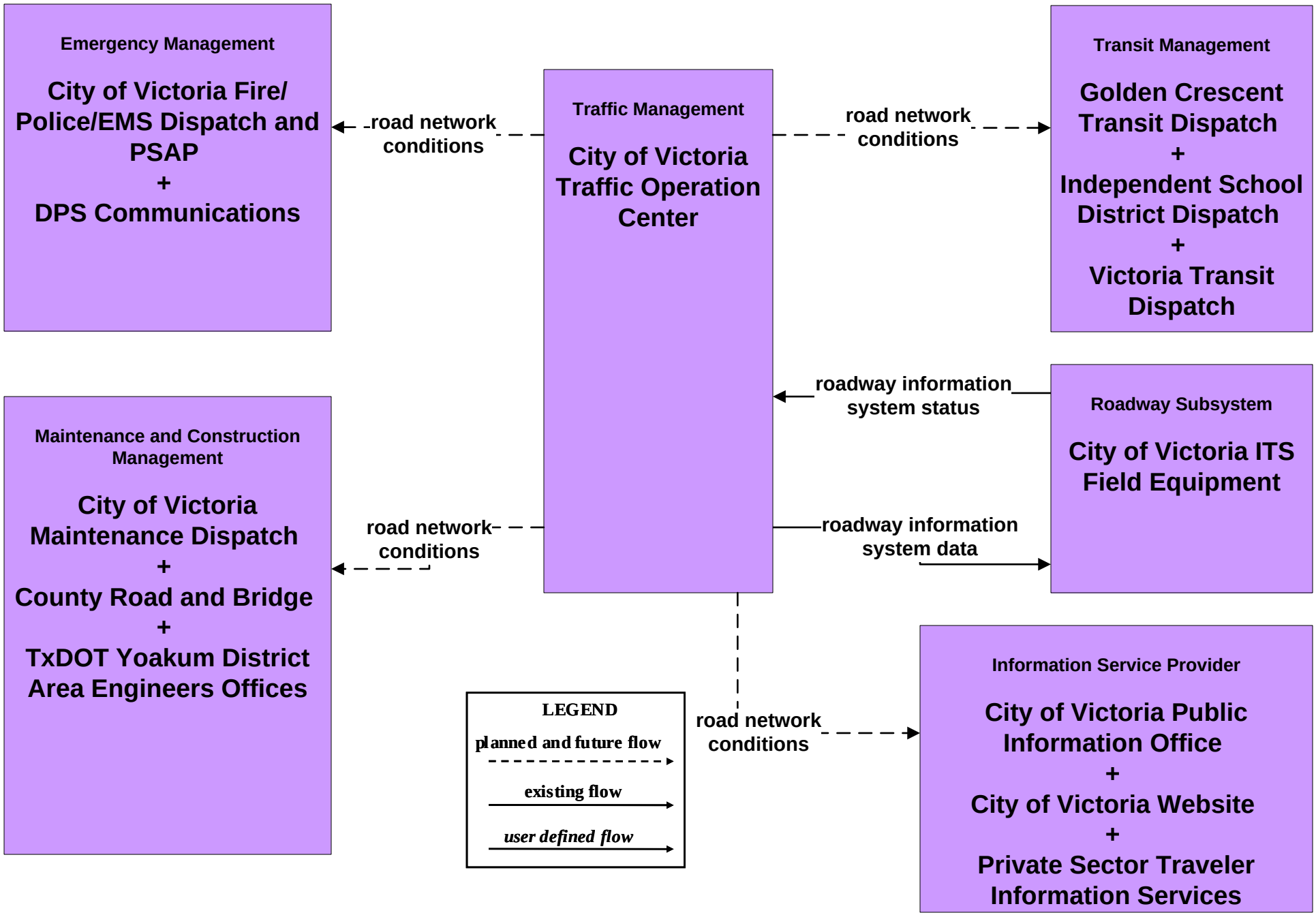
**existing flow**

***user defined flow***

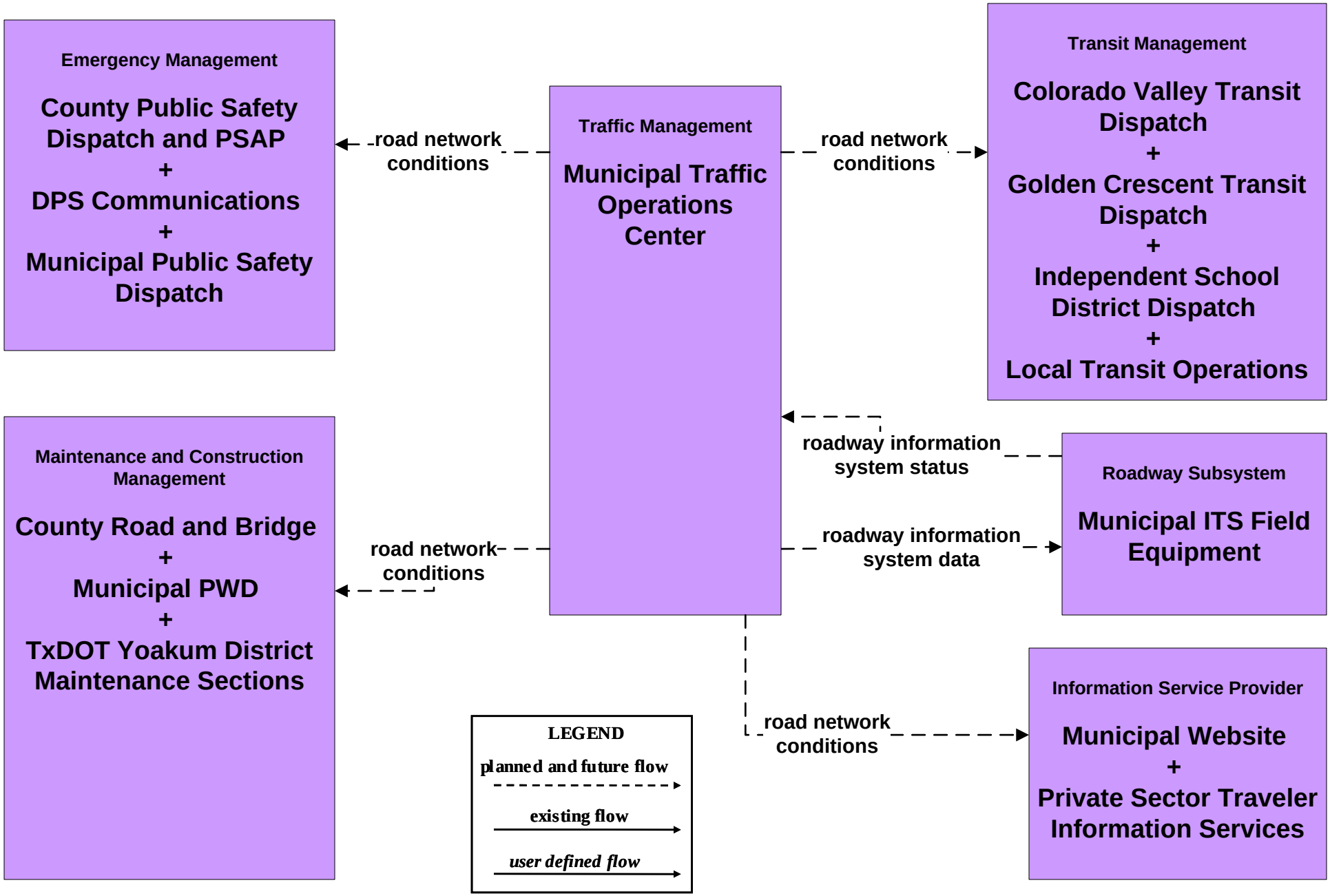
# ATMS21 - Roadway Closure Management
# TxDOT Yoakum District Traffic Management Center (3 of 3)



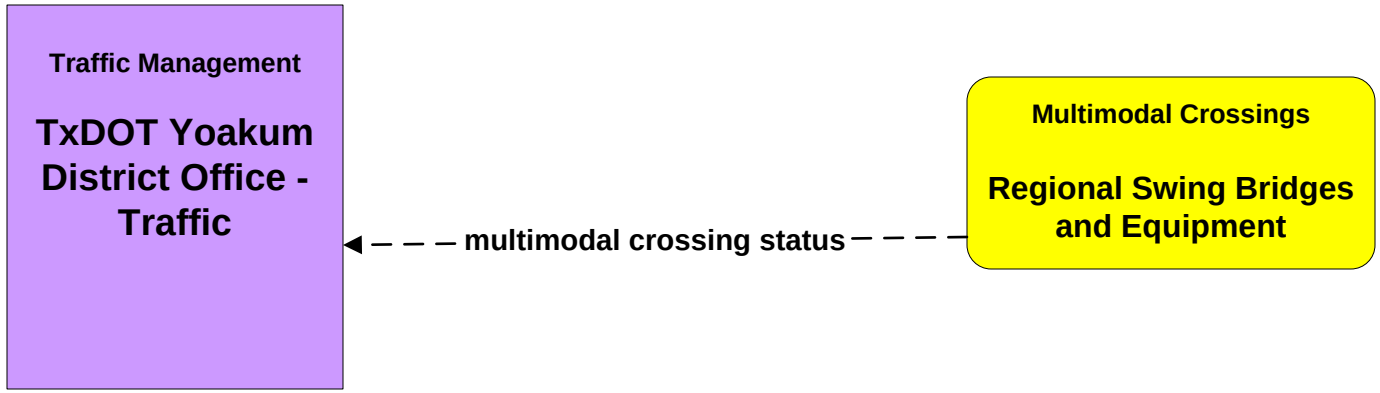
# ATMS21 - Roadway Closure Management
# City of Victoria

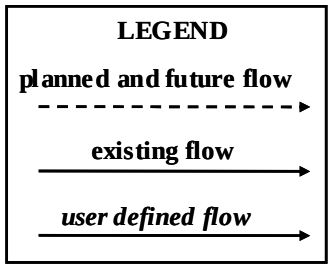


# ATMS21 - Roadway Closure Management
# Municipality Traffic Operations Centers



# ATM20 – Drawbridge Management
# TxDOT




*Is there ITS equipment such as CCTV, or DMS currently on the bridges, or planned?*