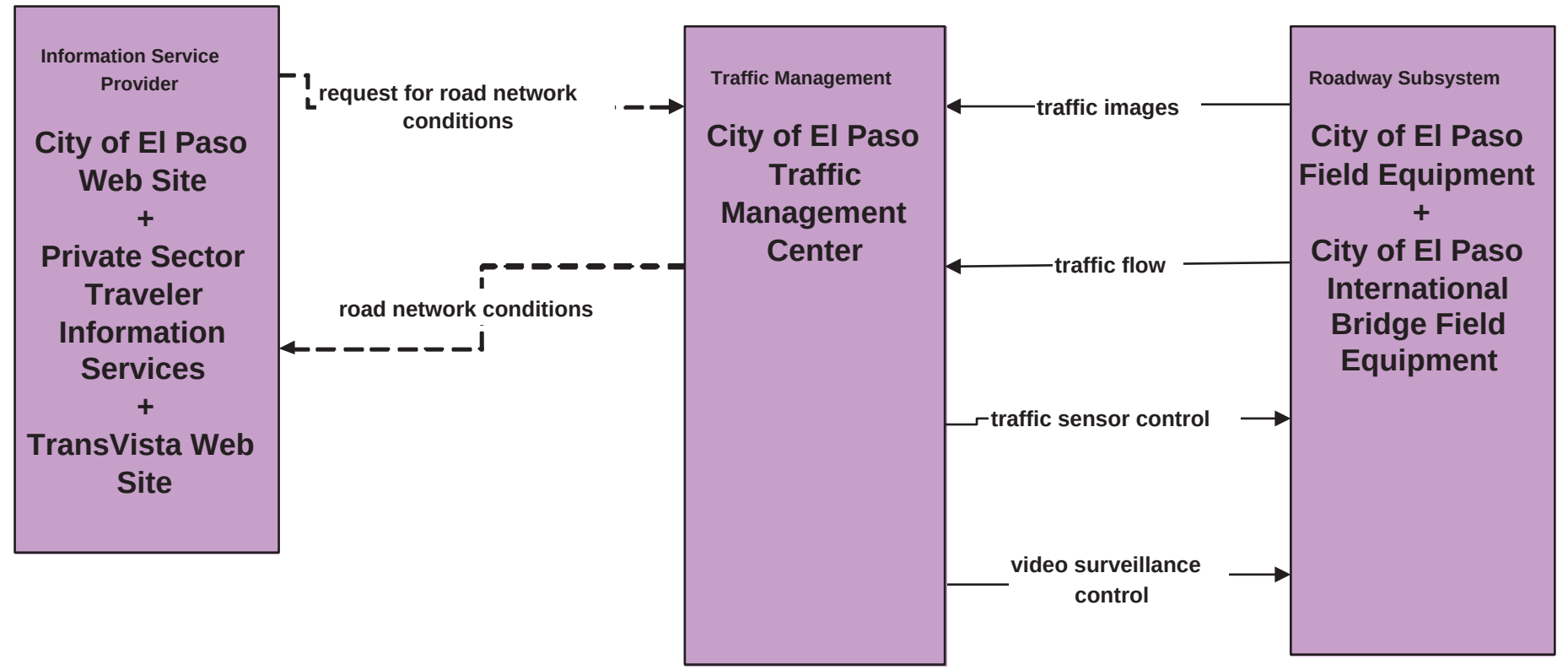
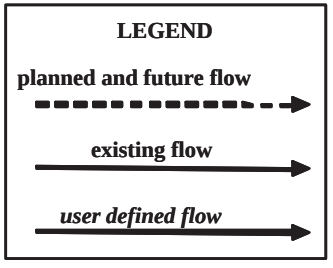
El Paso Regional ITS Architecture

Customized Market Package Diagrams

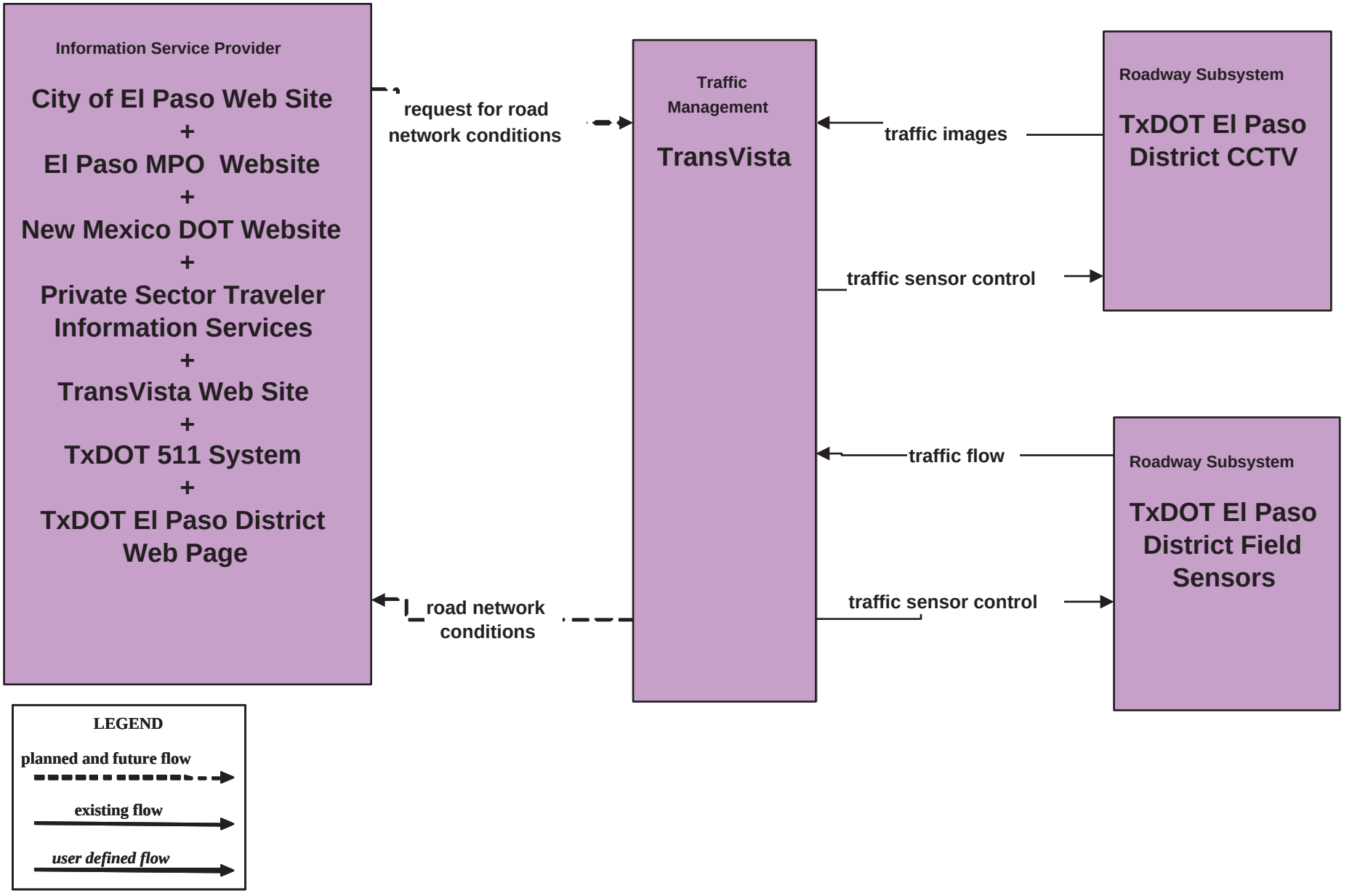
Advanced Traffic Management Systems (ATMS)

ATMS01 - Network Surveillance
City of El Paso Traffic Management Center

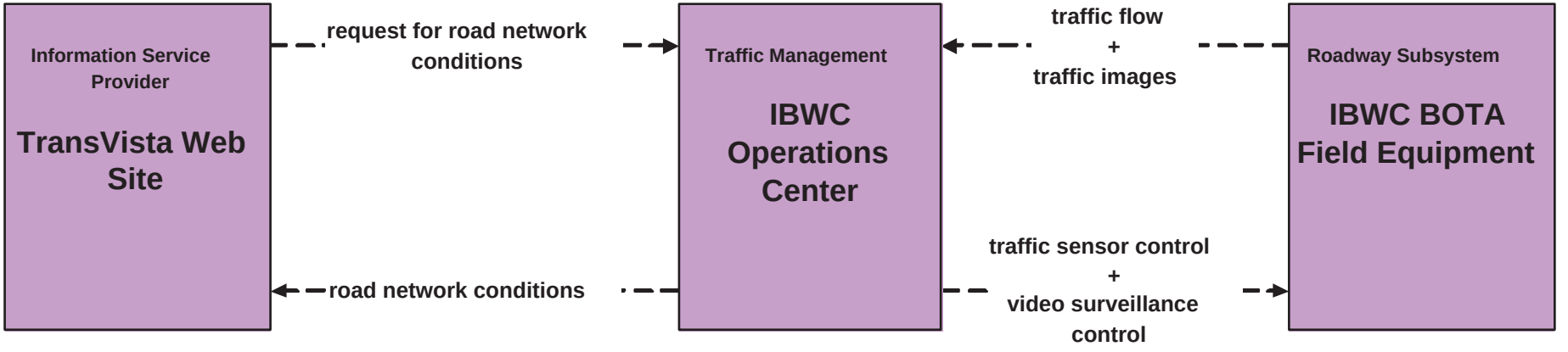


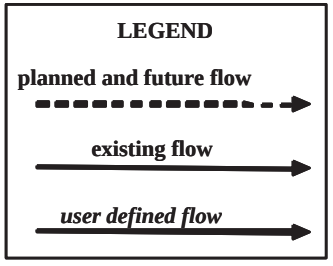


ATMS01 - Network Surveillance
TransVista

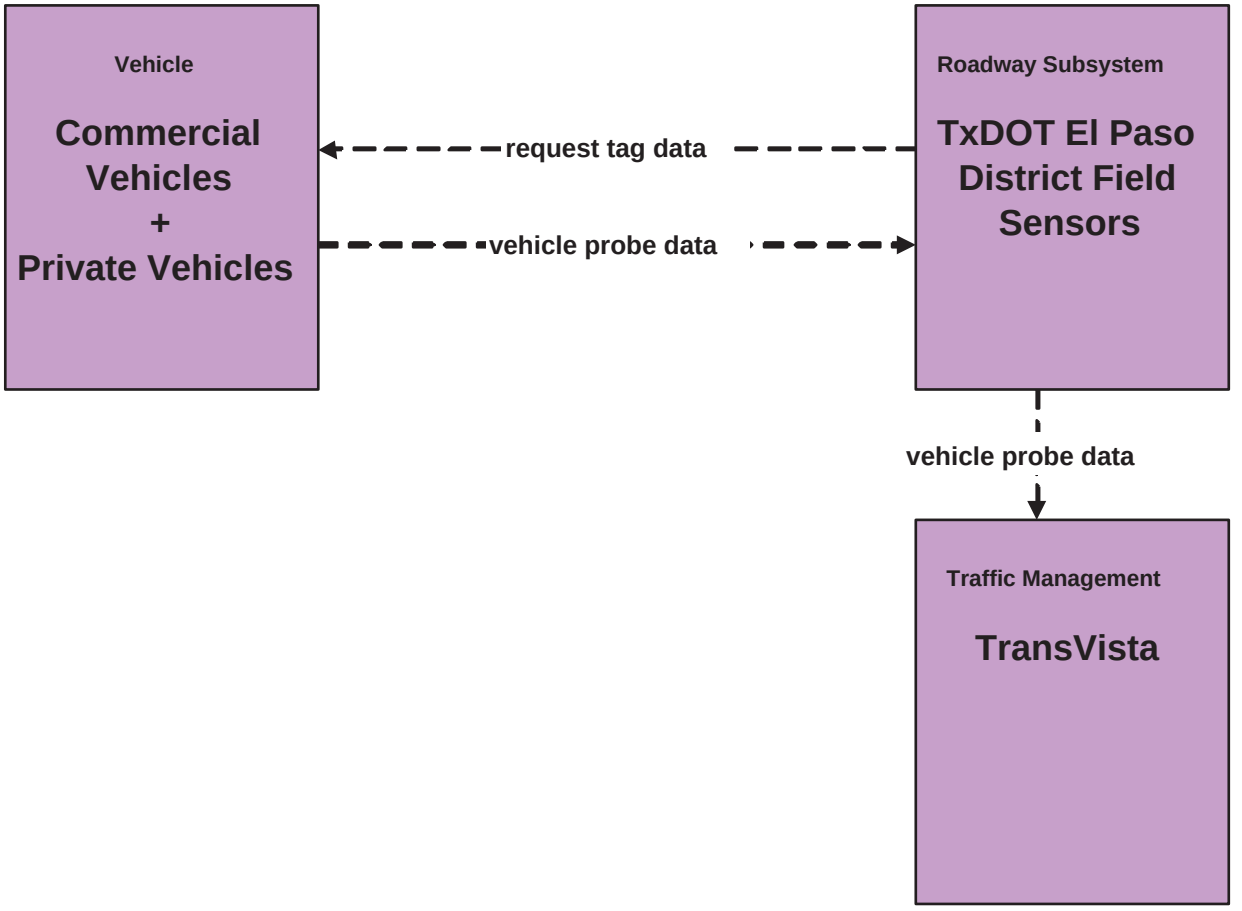


ATMS01 - Network Surveillance
IBWC Operations Center





ATMS02 - Probe Surveillance
TxDOT El Paso District



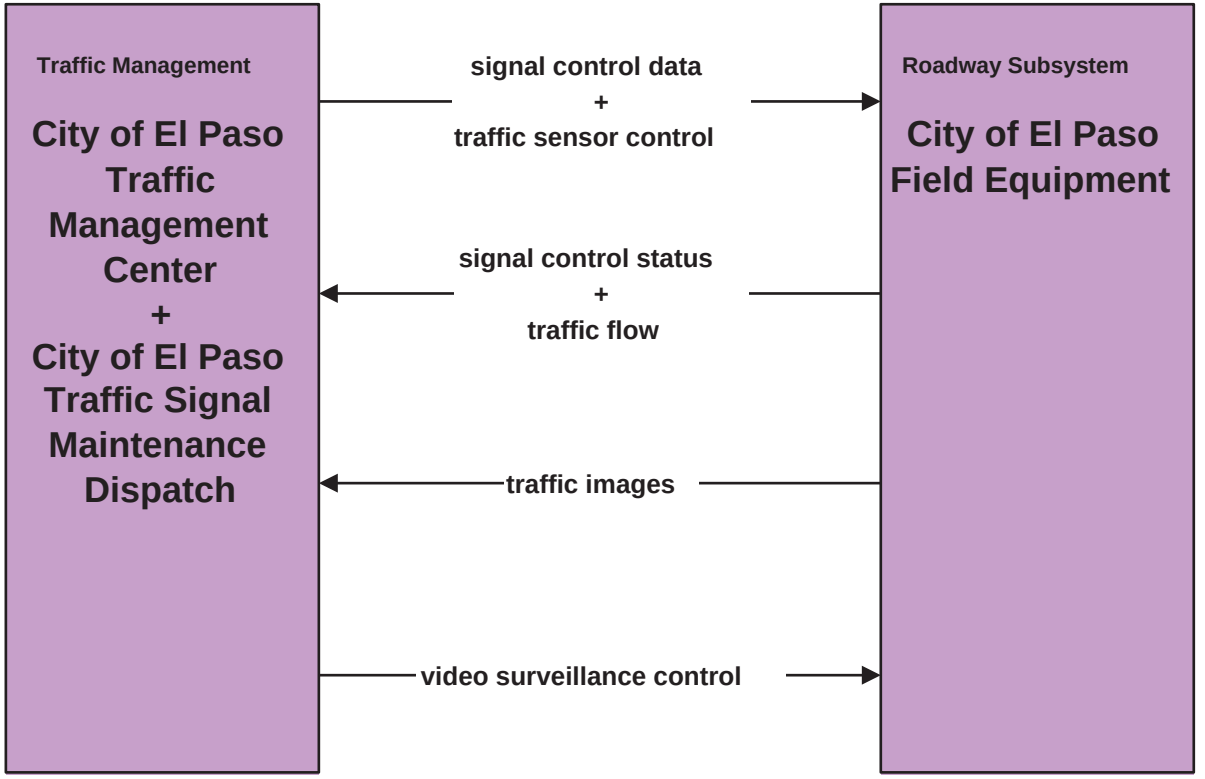
LEGEND

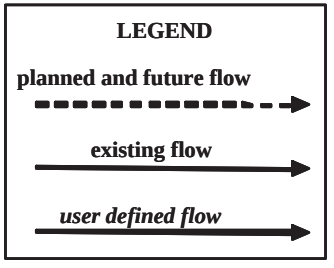
planned and future flow

existing flow

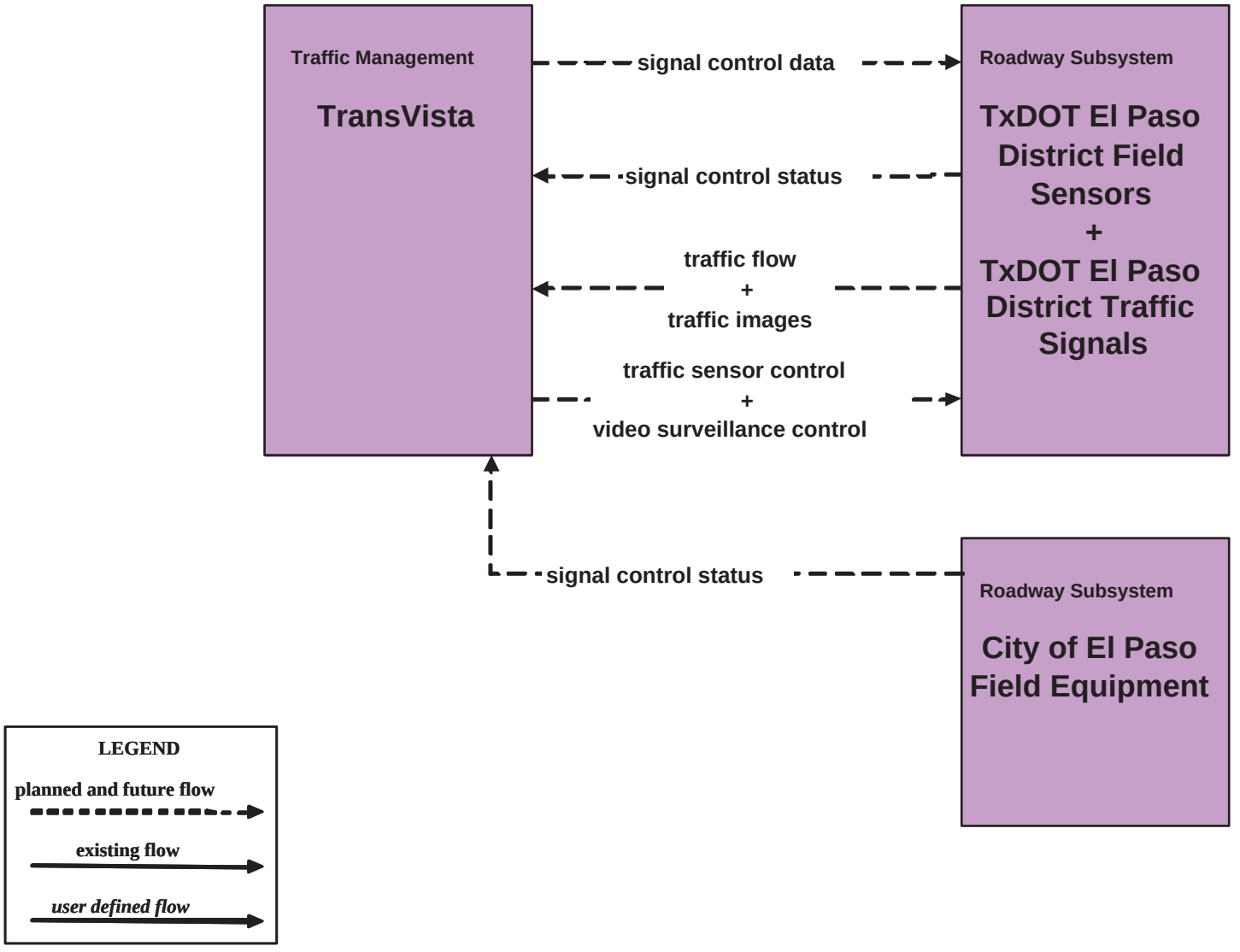
user defined flow

ATMS 03 - Surface Street Control
City of El Paso Traffic Management Center

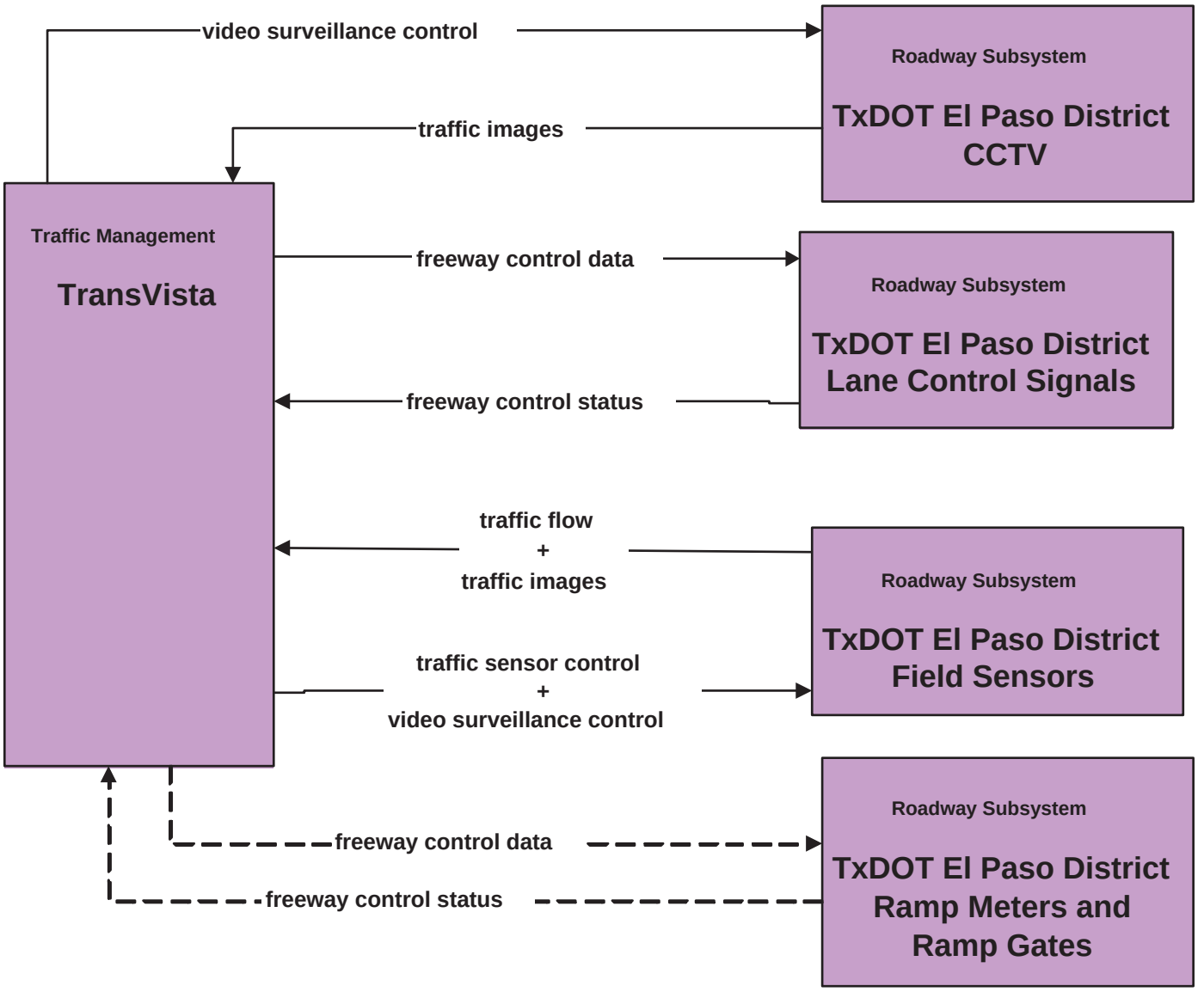




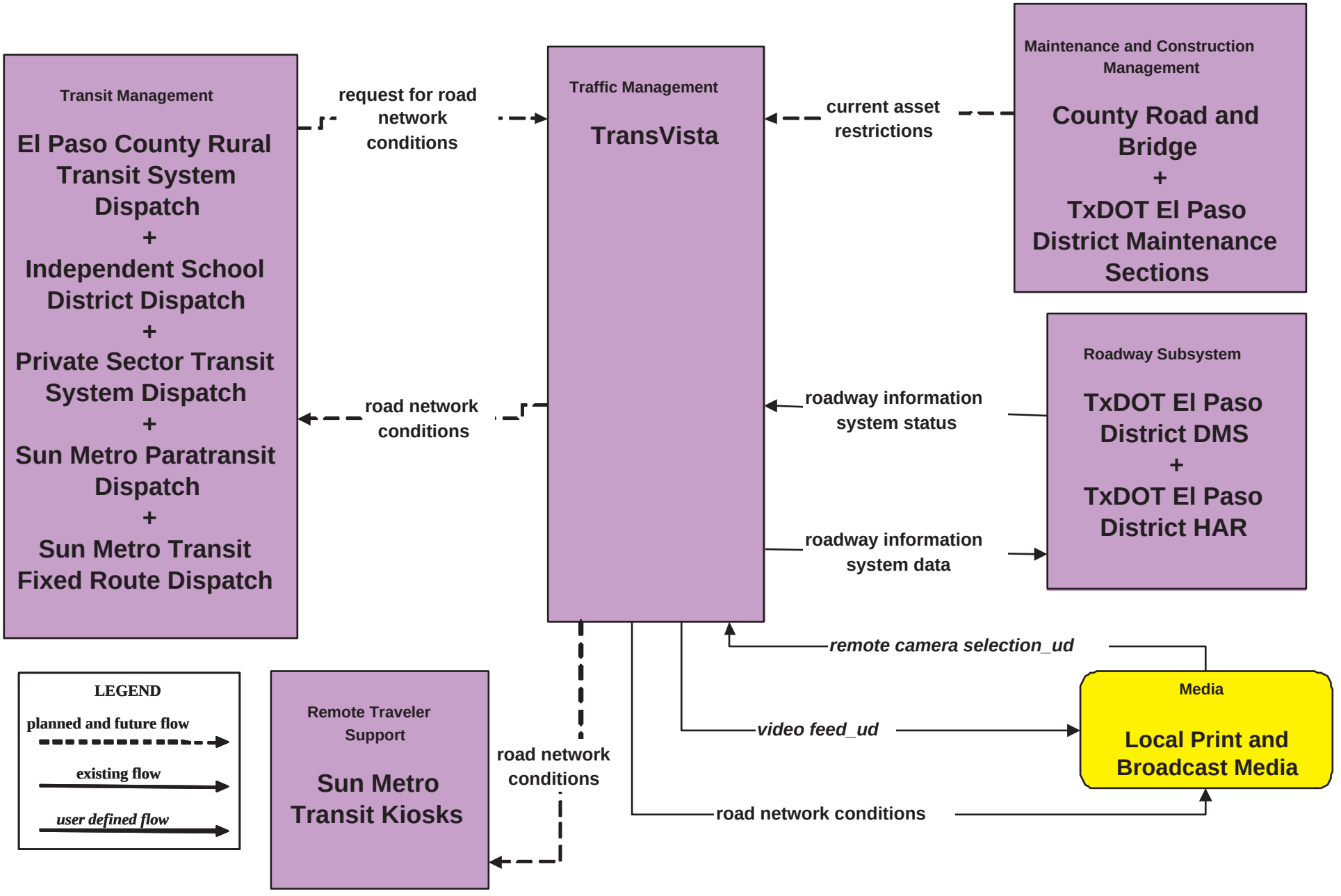
ATMS 03 - Surface Street Control
TransVista



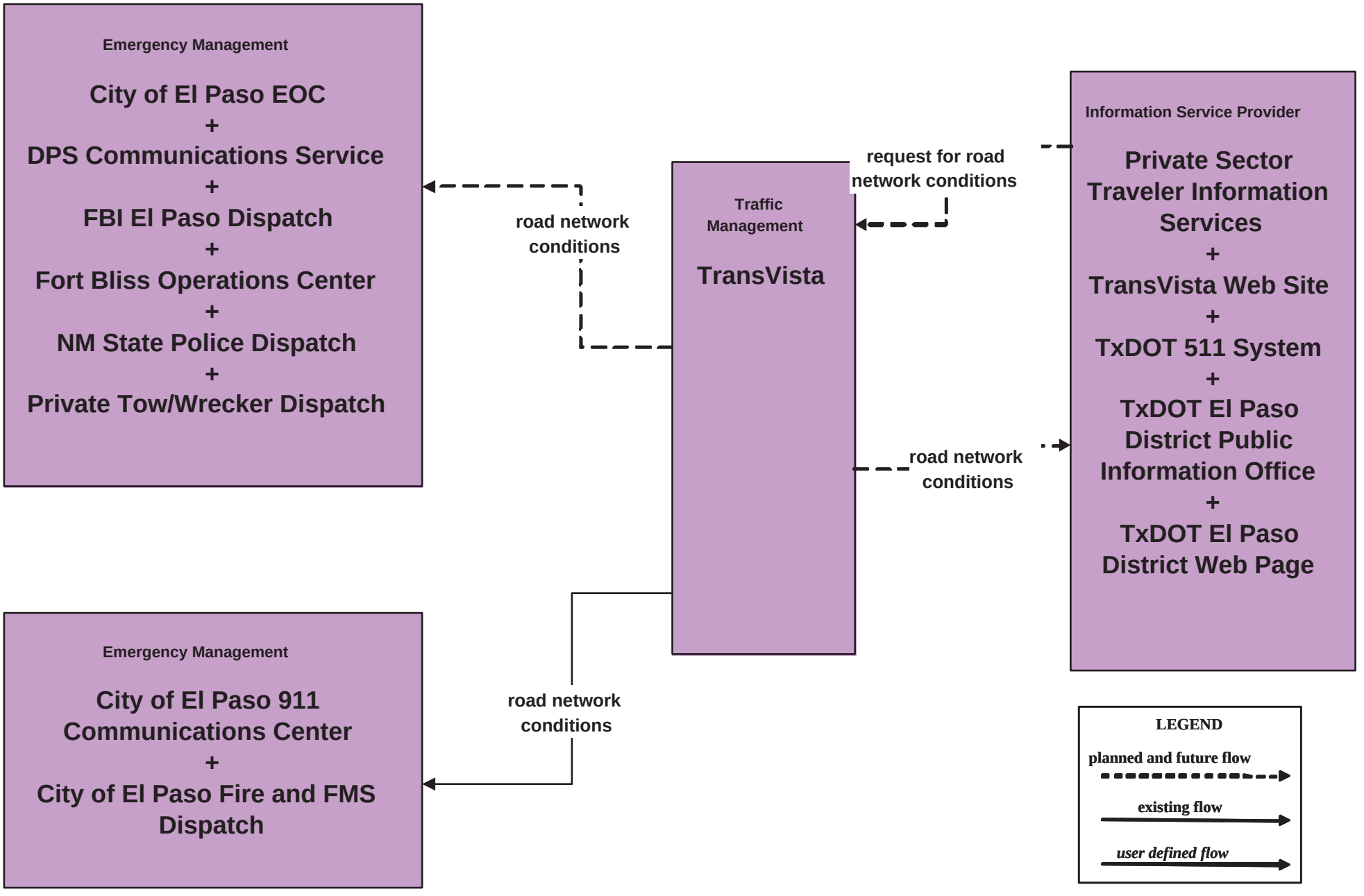
ATMS 04 - Freeway Control
TransVista



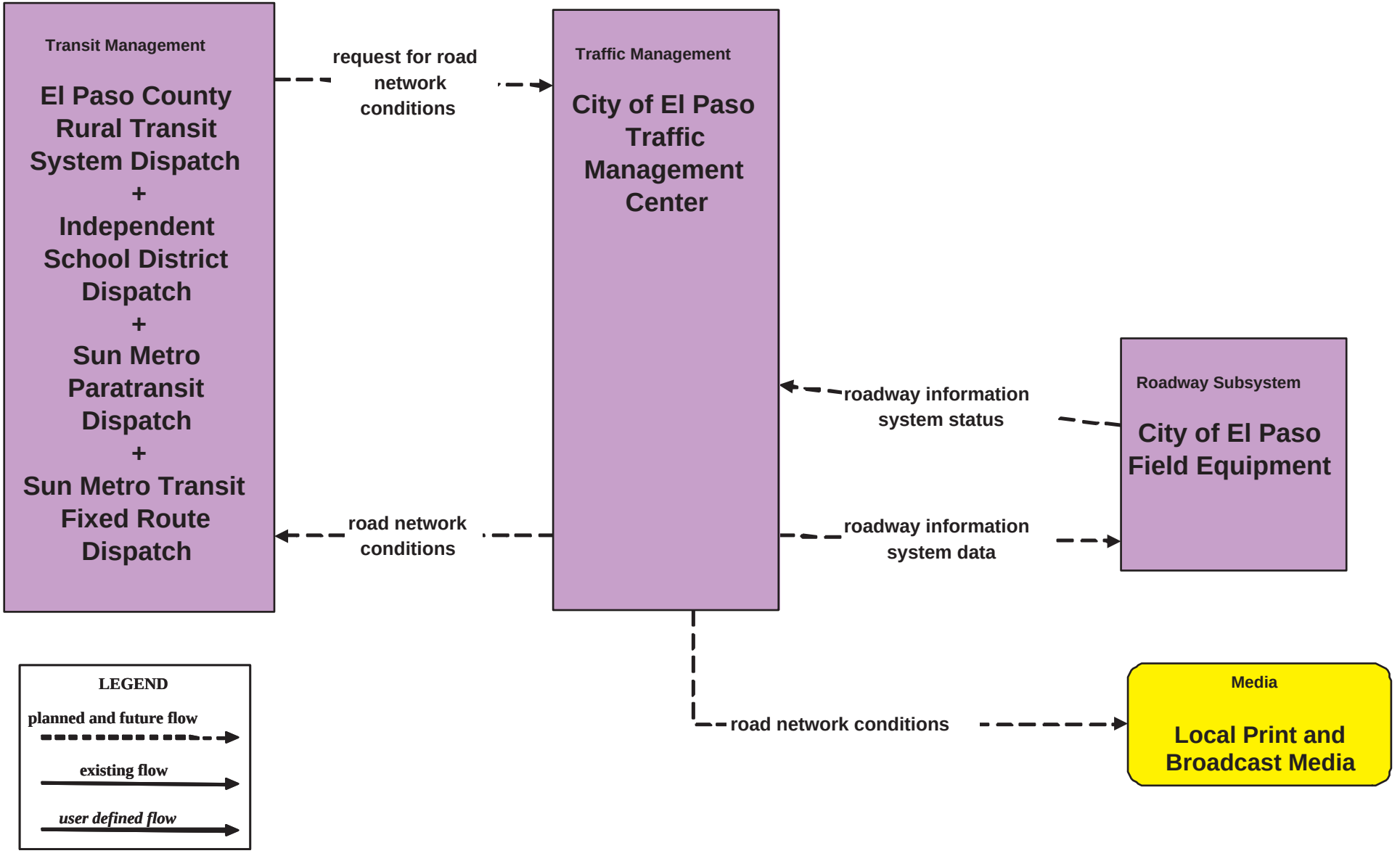
ATMS06 - Traffic Information Dissemination
TransVista



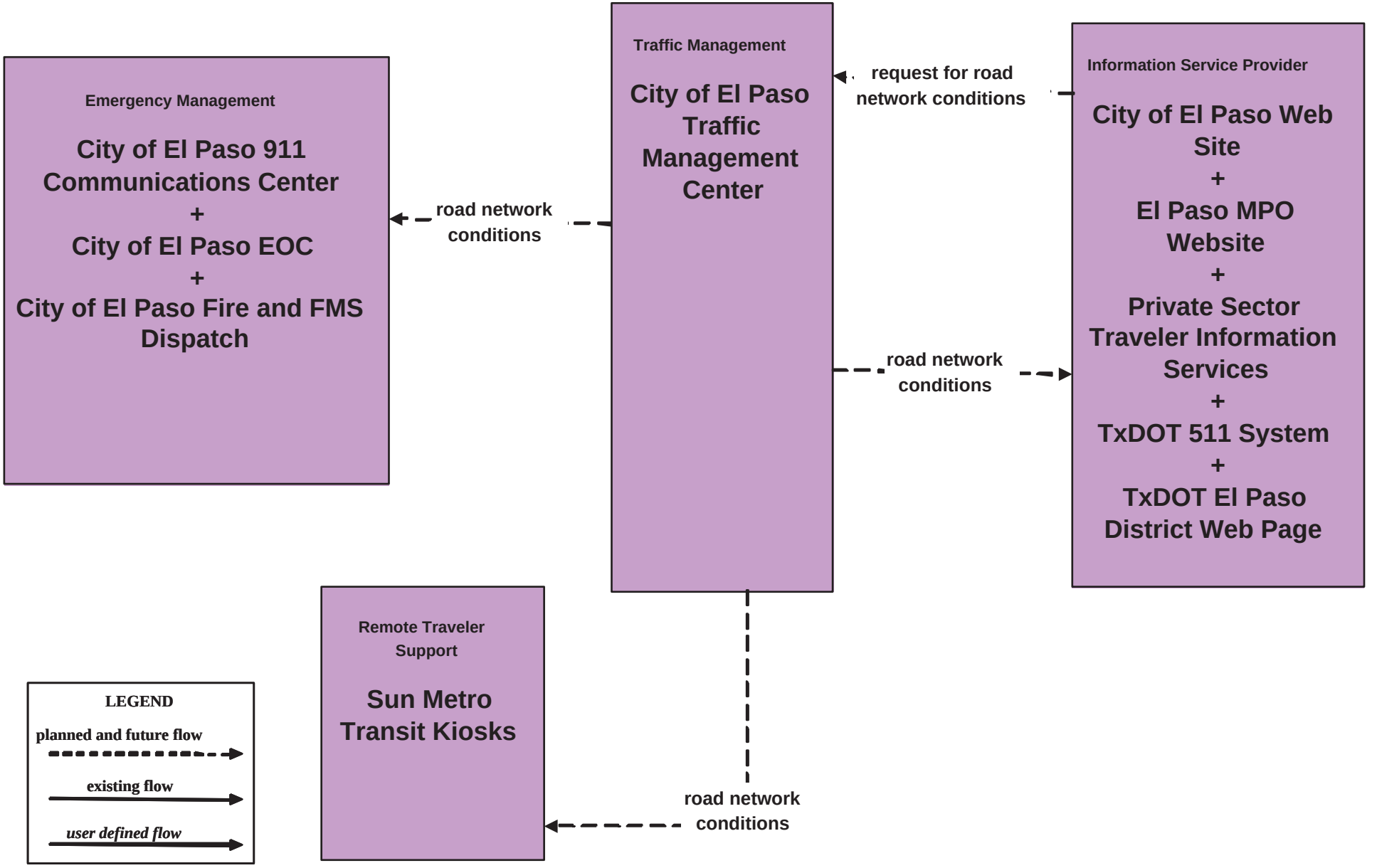
ATMS06 - Traffic Information Dissemination
TransVista (TM to EM / ISP)



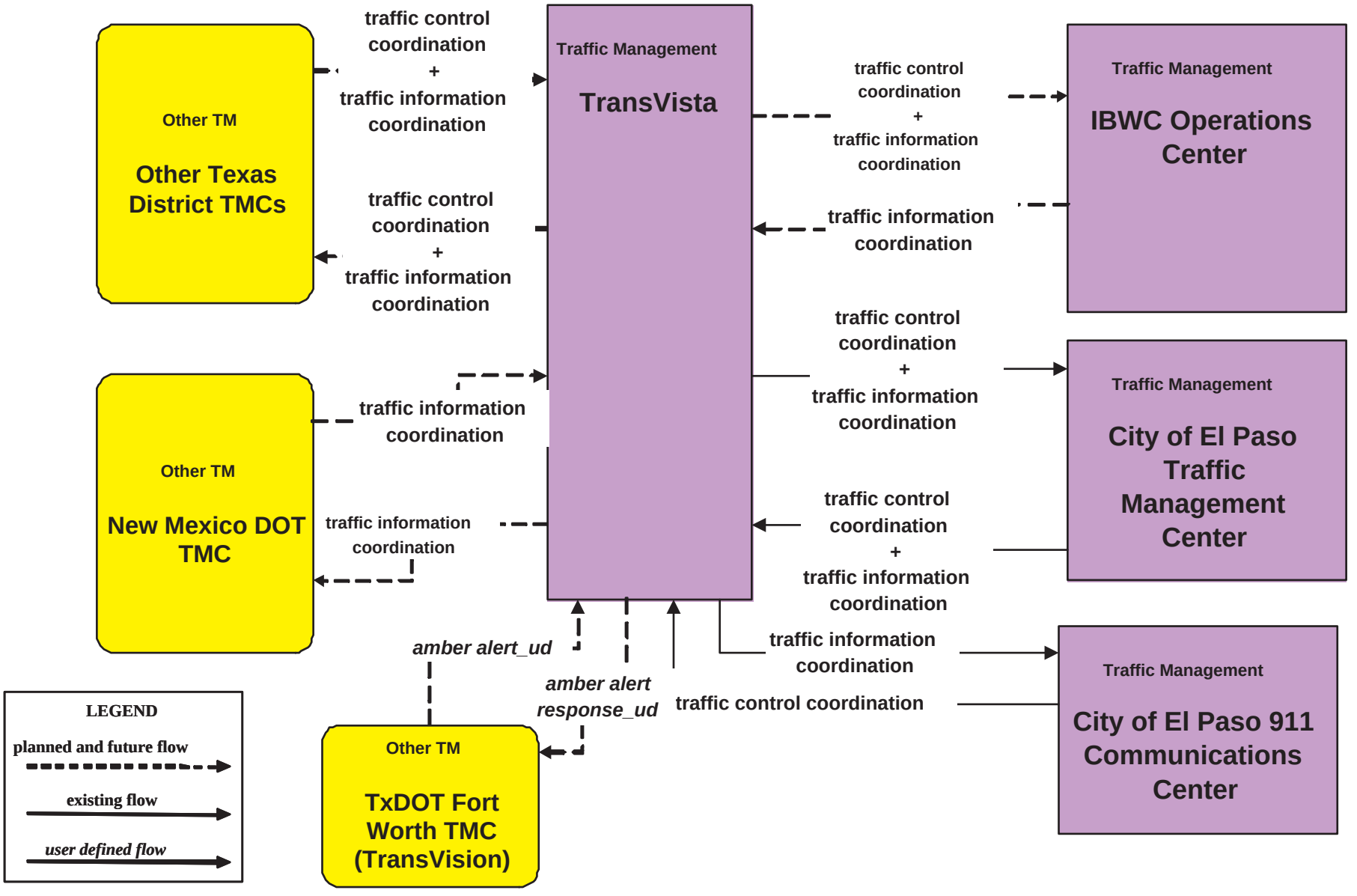
ATMS06 - Traffic Information Dissemination
City of El Paso Traffic Management Center



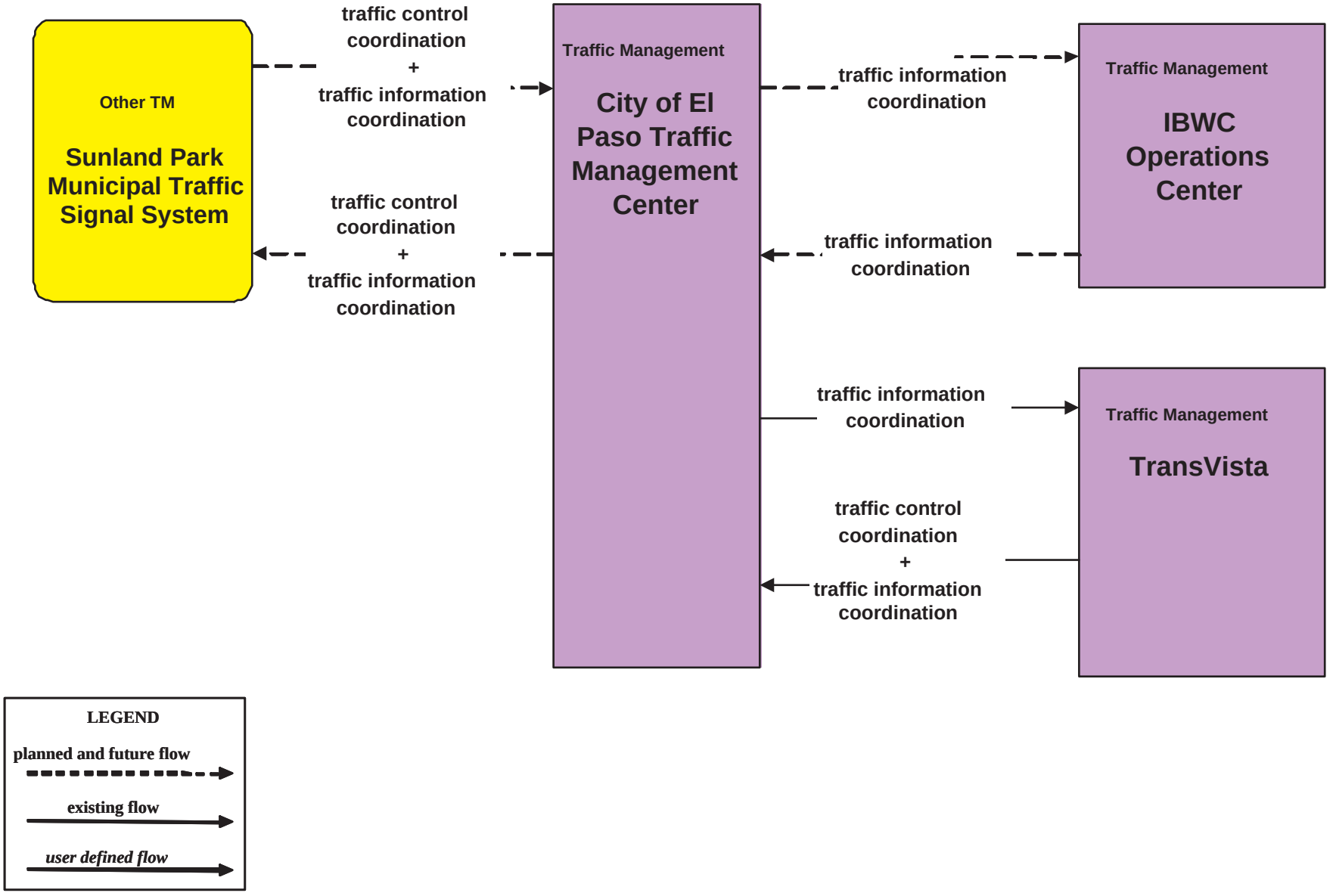
ATMS06 - Traffic Information Dissemination
City of El Paso Traffic Management Center (TM to EM / ISP)



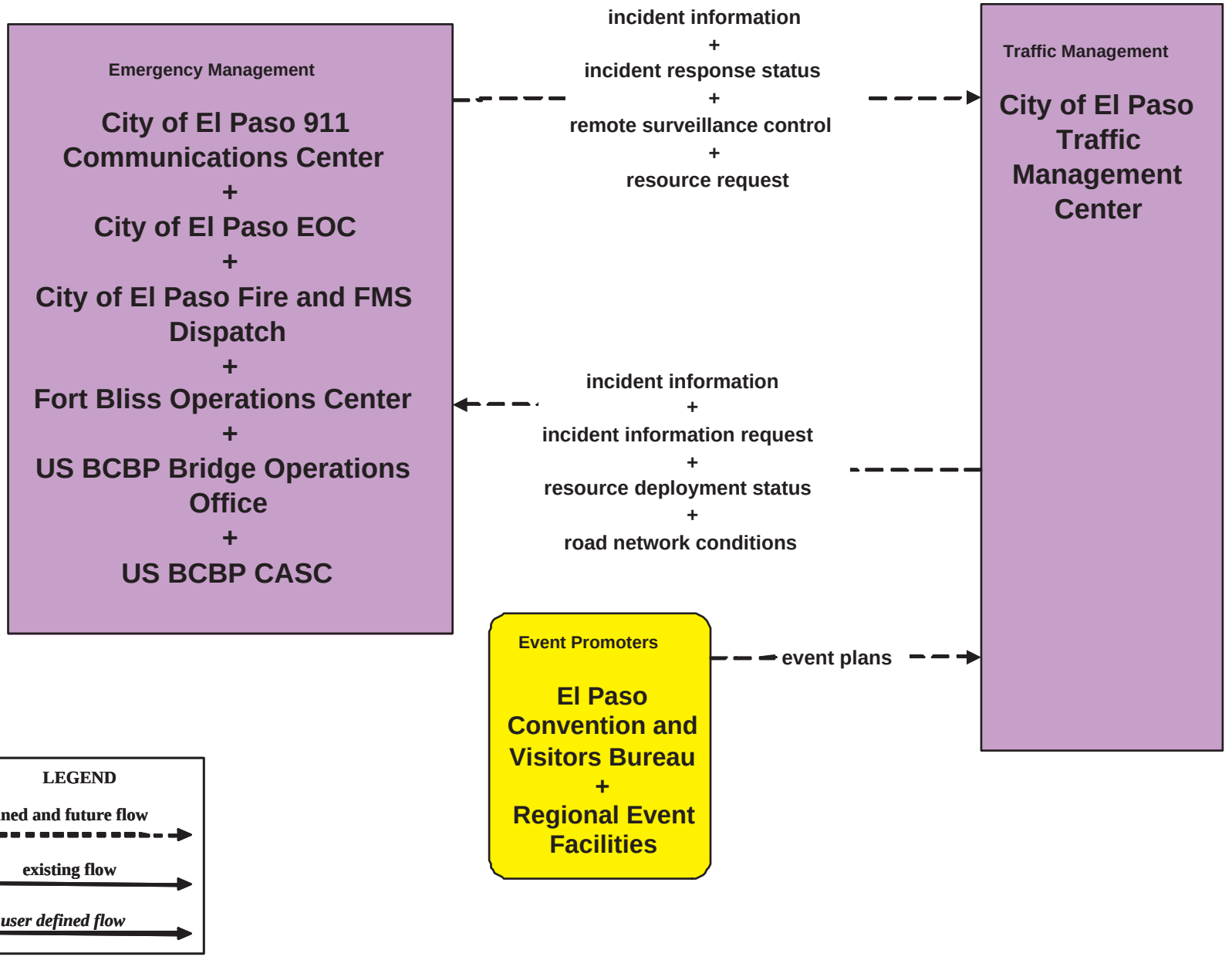
ATMS0 7 - Regional Traffic Information
TransVista



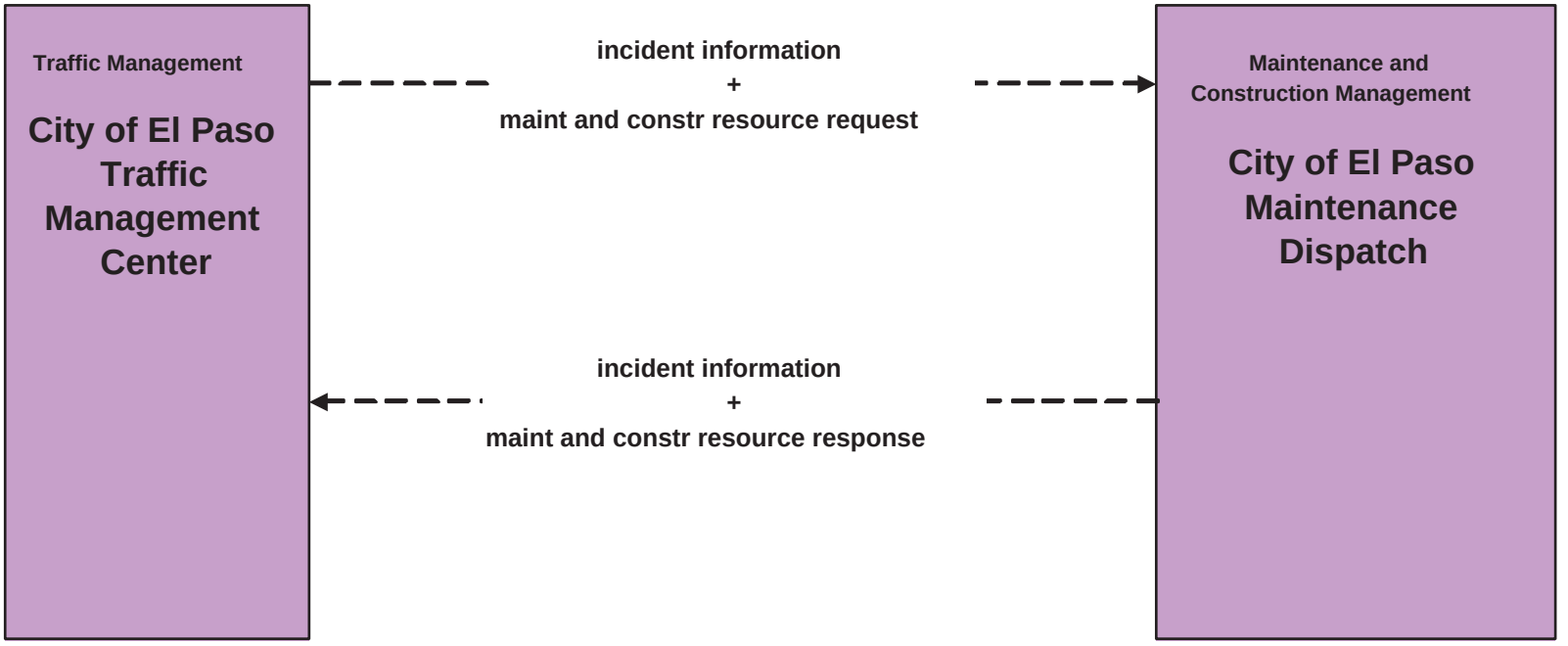
ATMS07 - Regional Traffic Information
City of El Paso Traffic Management Center

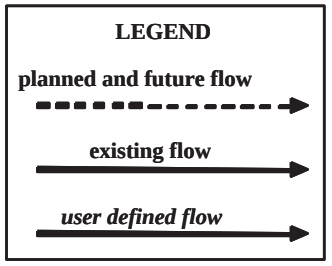


ATMS 08 - Incident Management
City of El Paso Traffic Management Center (TM to EM)

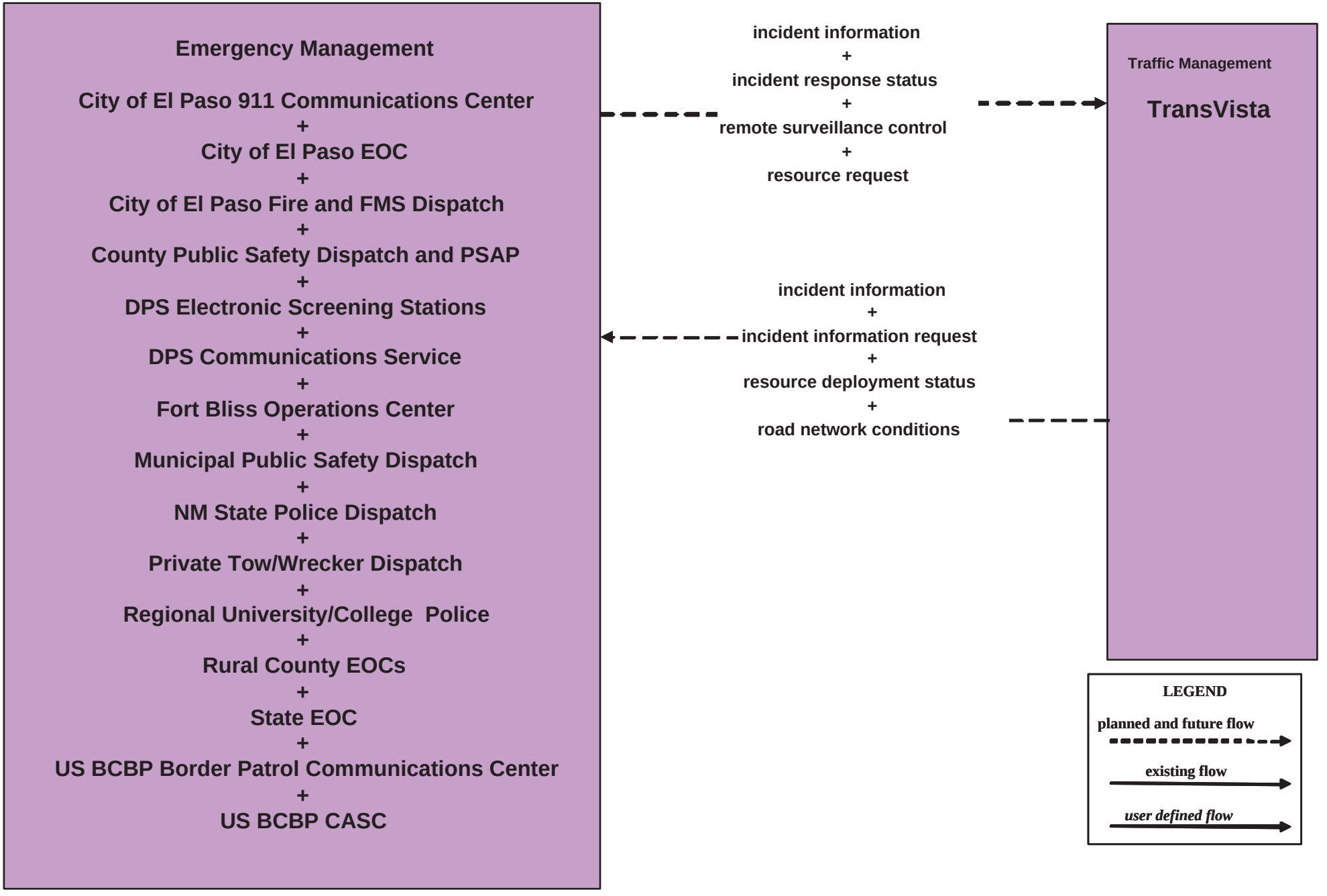


ATMS 08 - Incident Management
City of El Paso Traffic Management Center (TM to MCM)

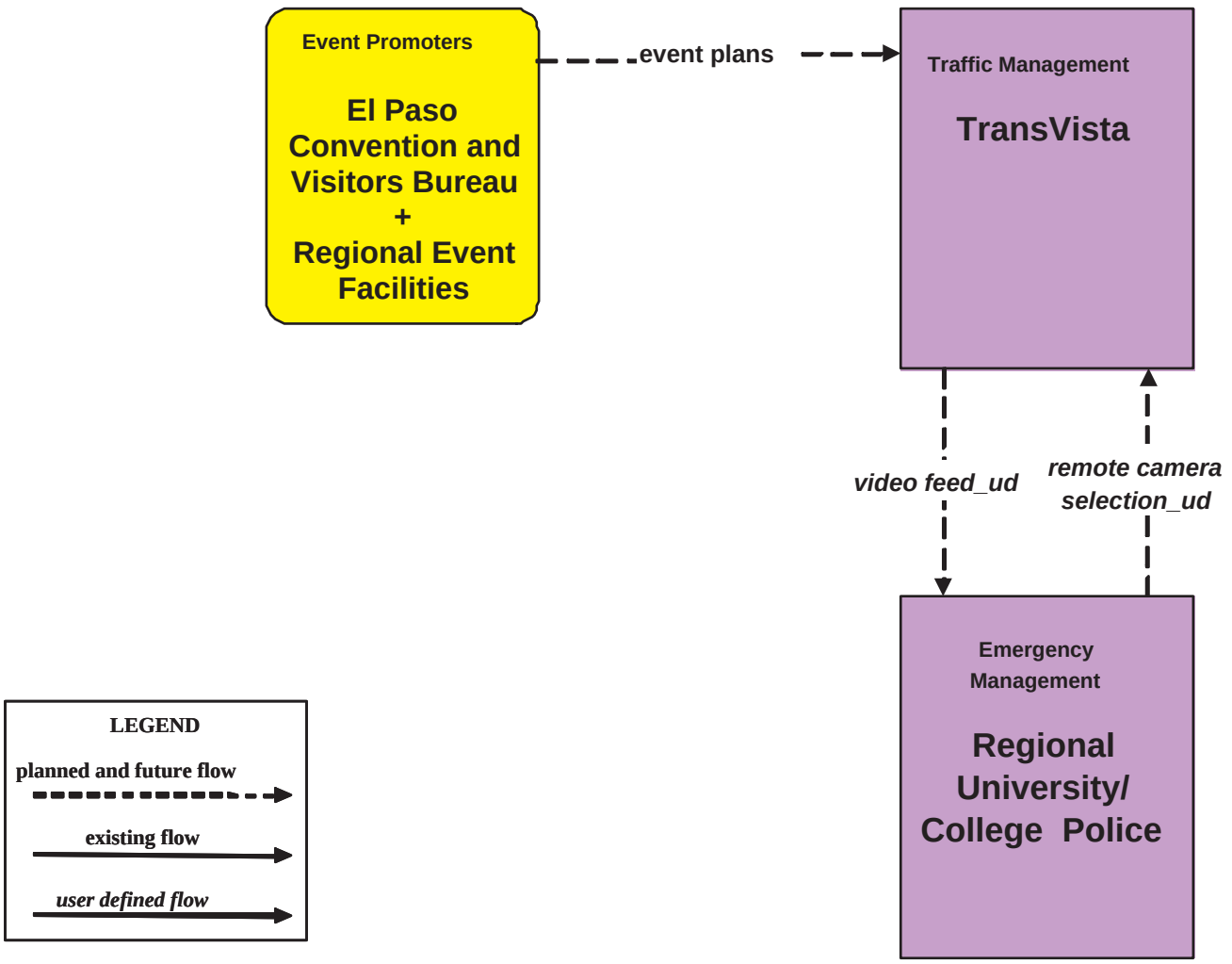




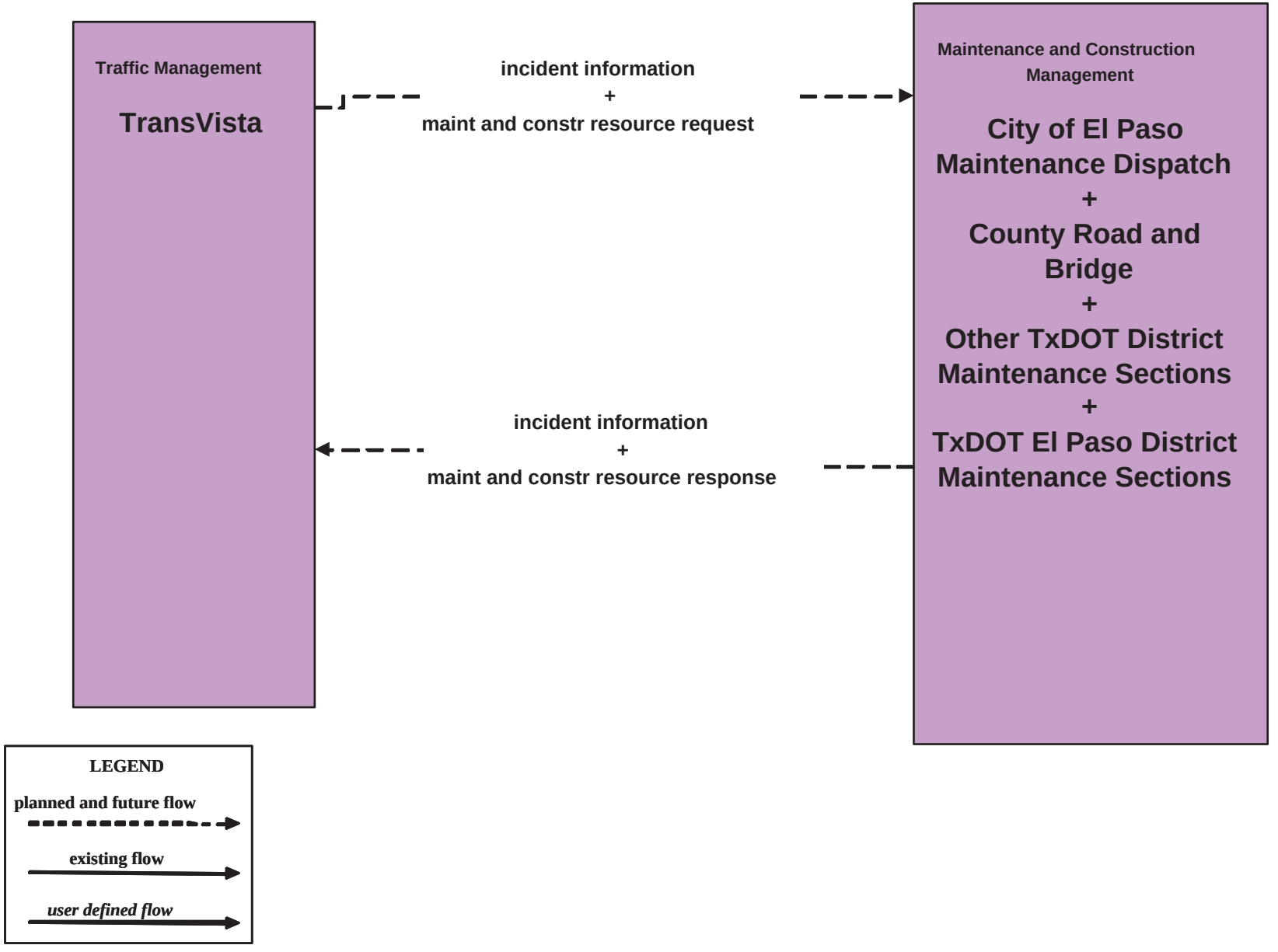
ATMS 08 - Incident Management
TransVista (TM to EM)



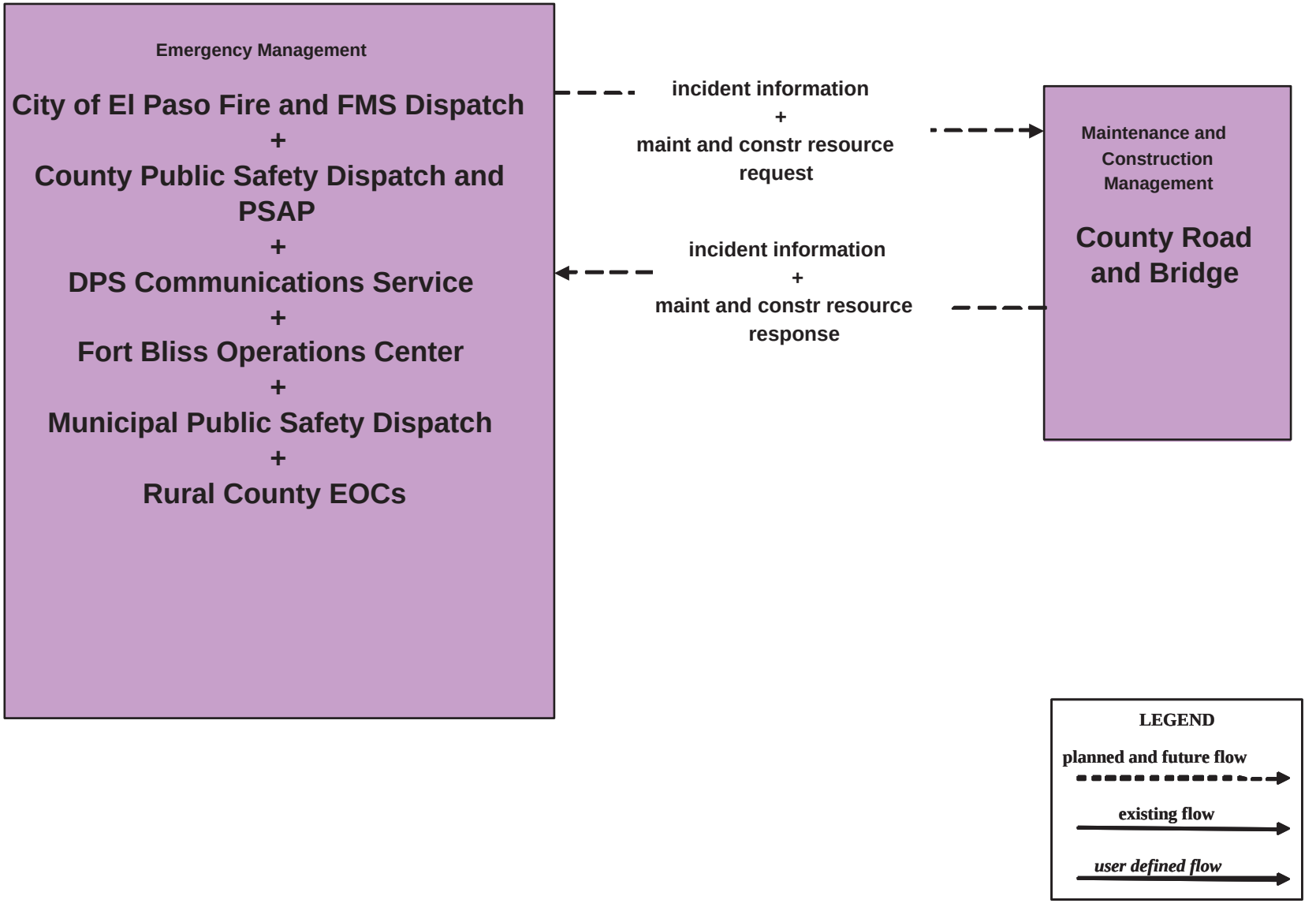
ATMS 08 - Incident Management
TransVista (TM to EM)



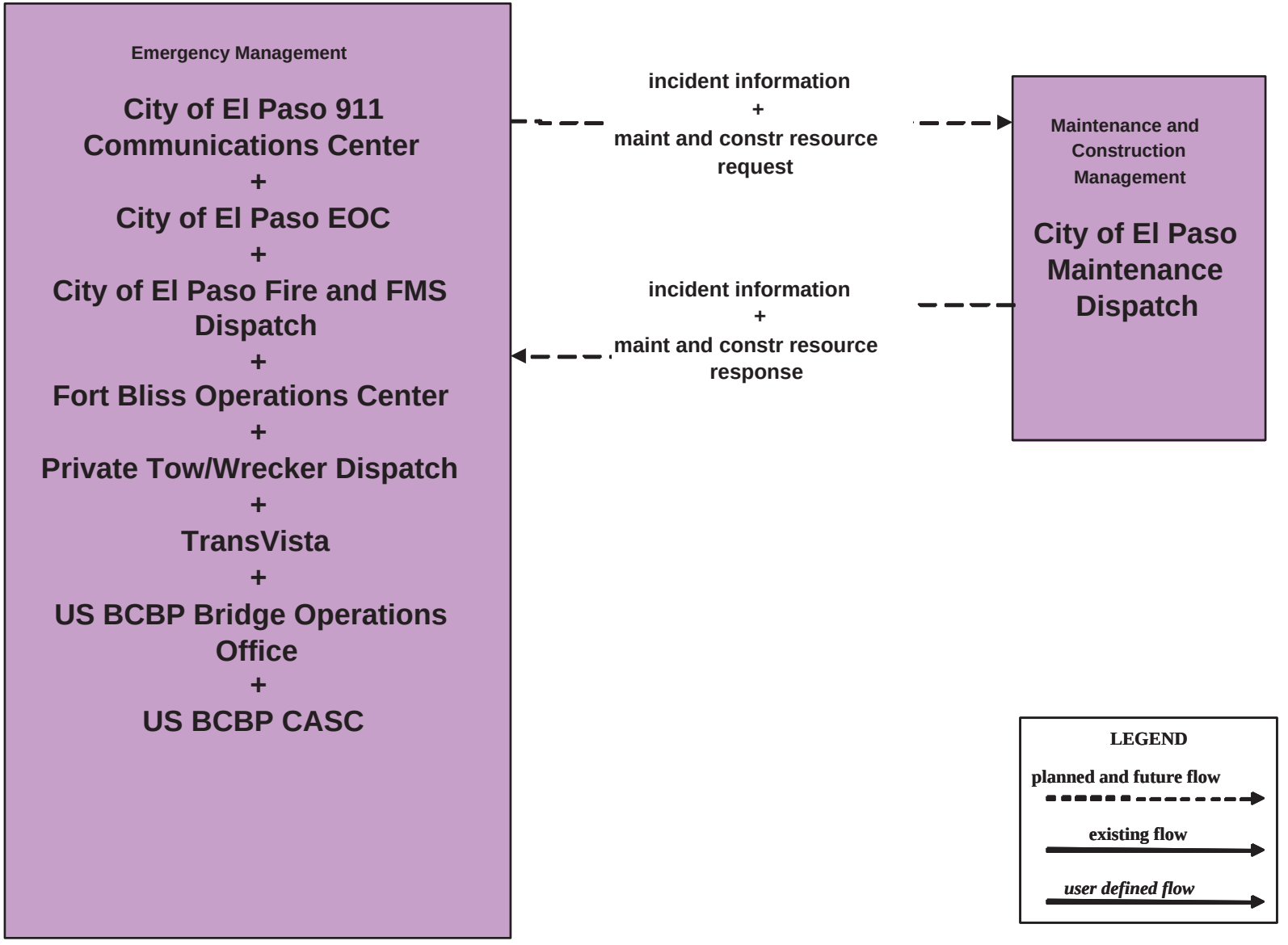
ATMS 08 - Incident Management
TransVista (TM to MCM)



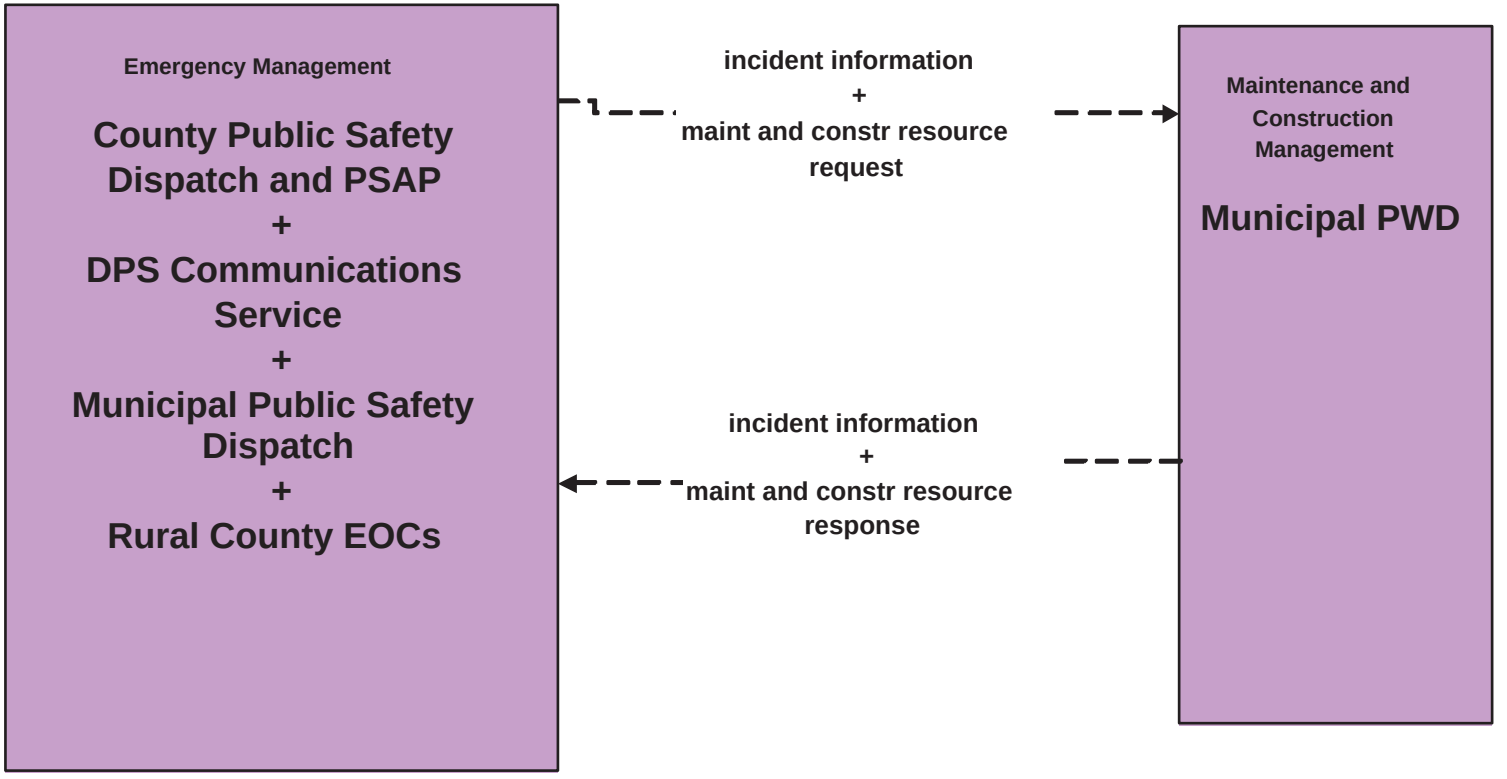
ATMS 08 - Incident Management
County Road and Bridge (MCM to EM)



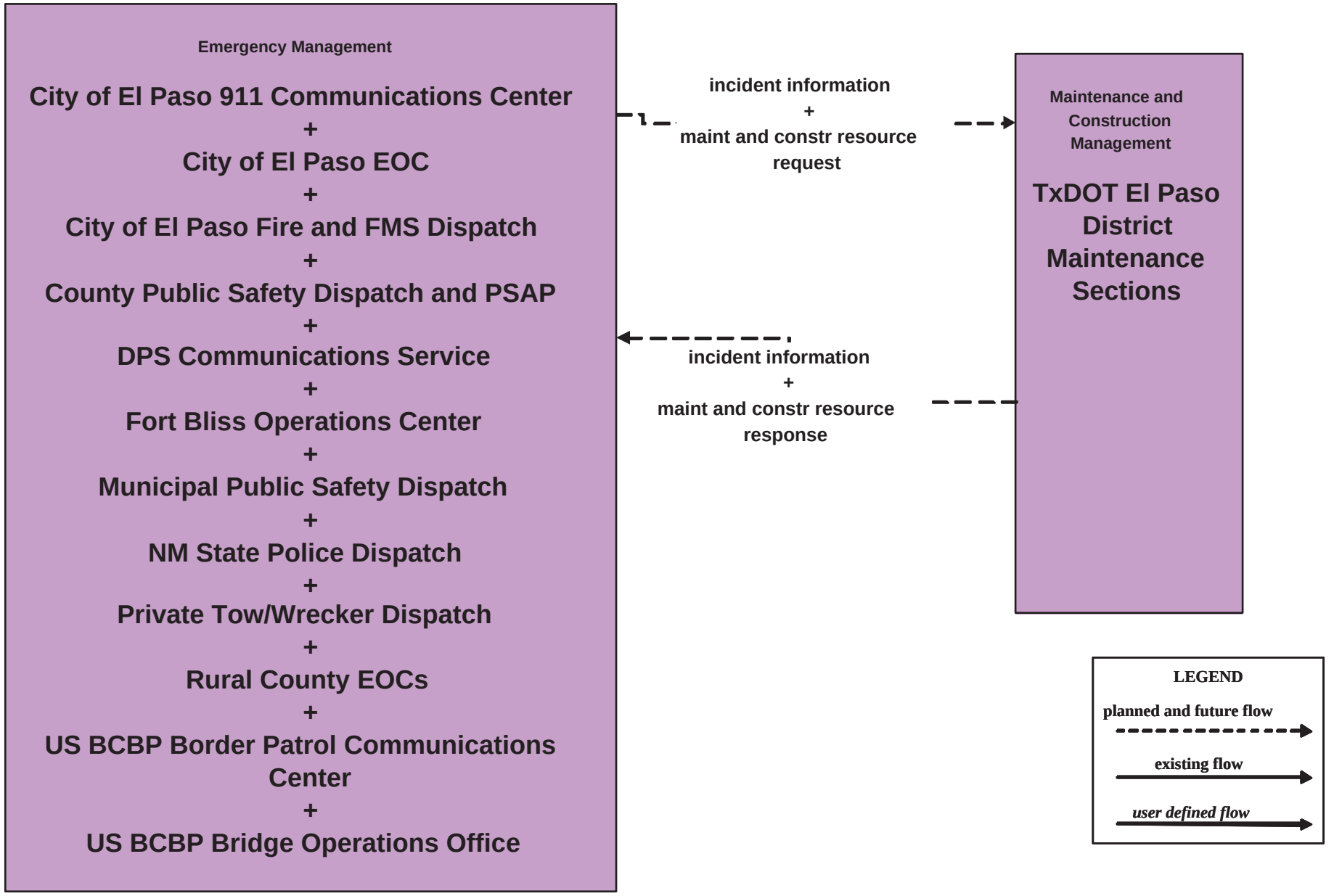
ATMS 08 - Incident Management
City of El Paso Maintenance (MCM to EM)



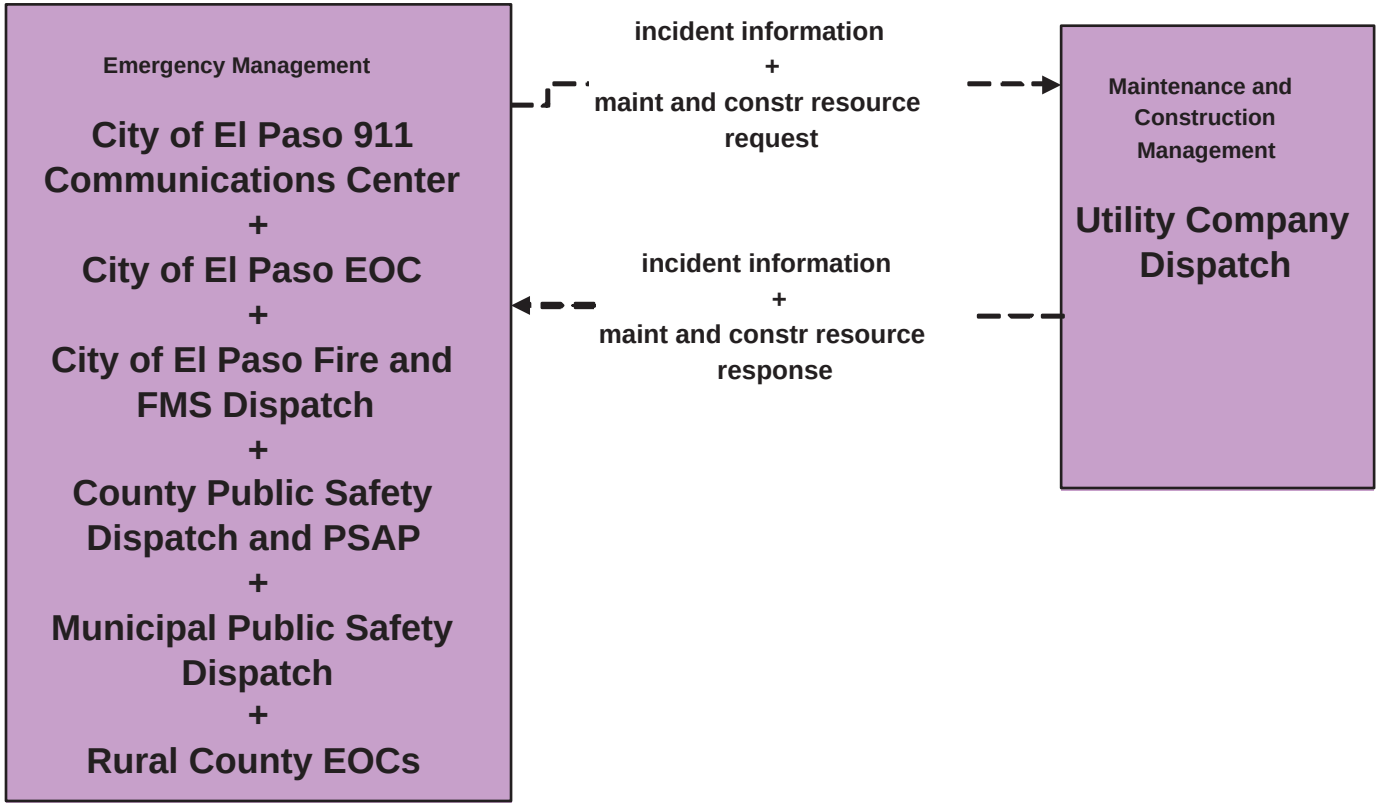
ATMS 08 - Incident Management
Municipal PWD (MCM to EM)



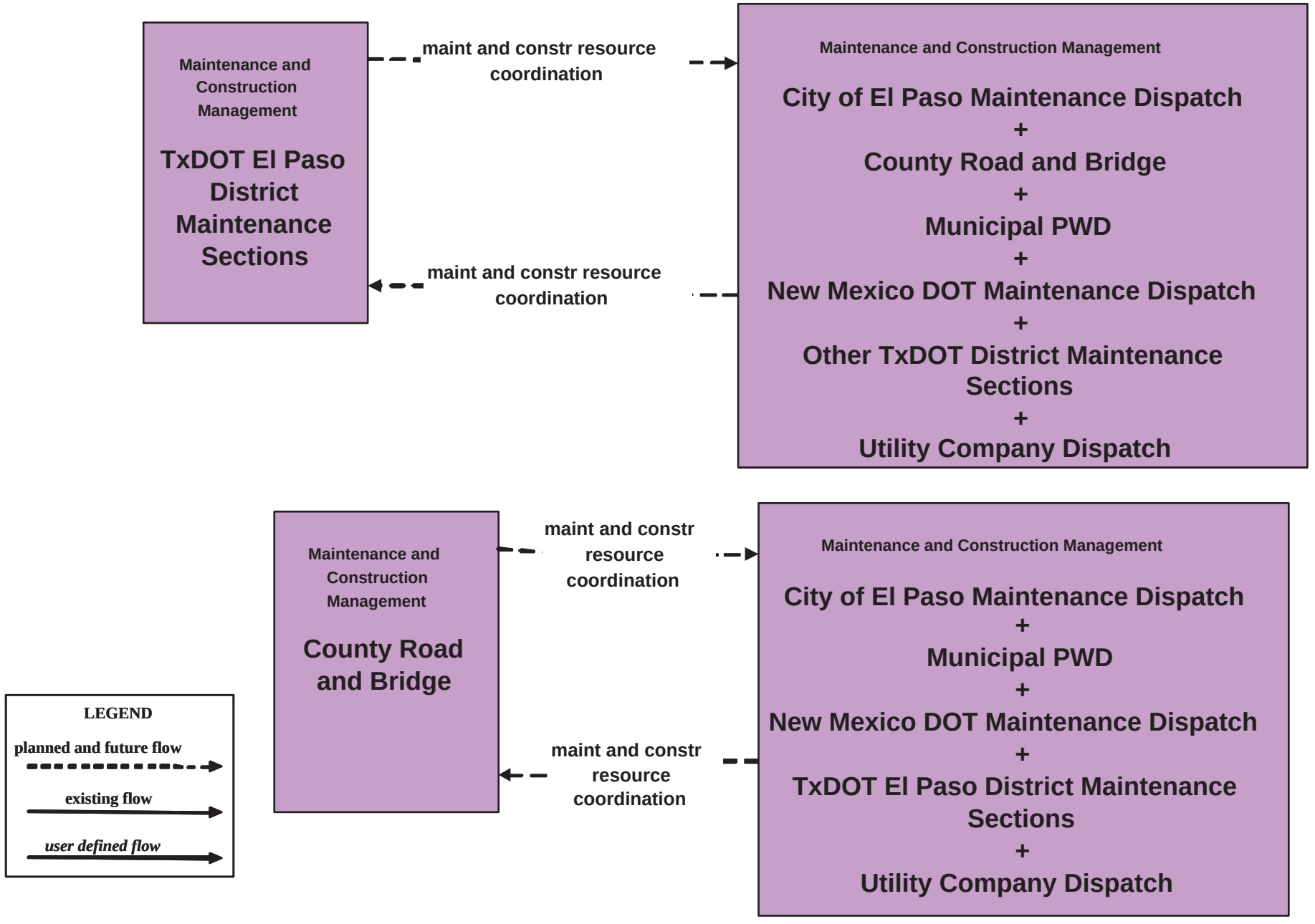
ATMS 08 - Incident Management
TxDOT El Paso District Maintenance Sections (MCM to EM)



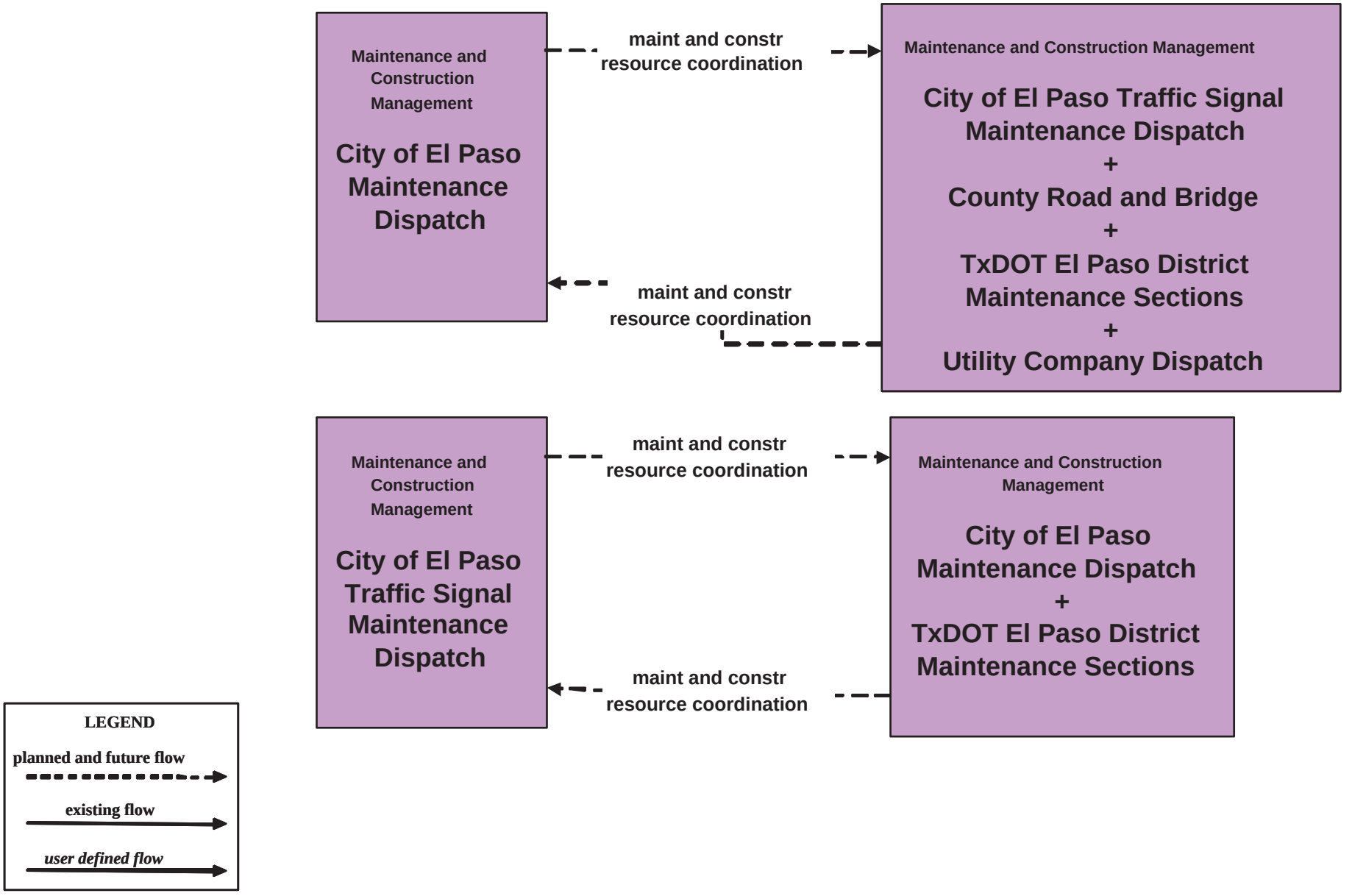
ATMS 08 - Incident Management
Utility Company Dispatch (MCM to EM)



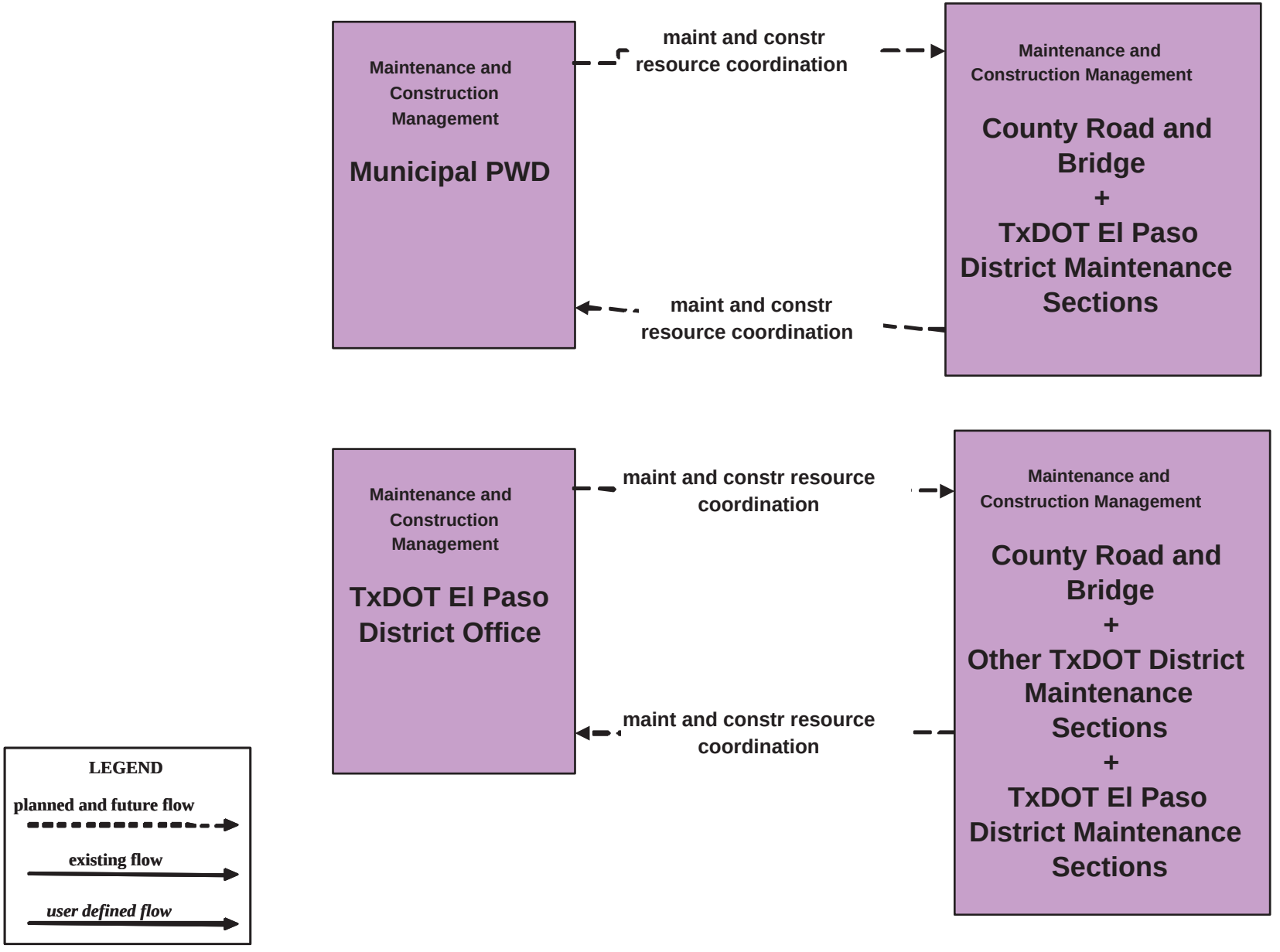
ATMS 08 - Incident Management
TxDOT/ County Road and Bridge (MCM to Other MCM)



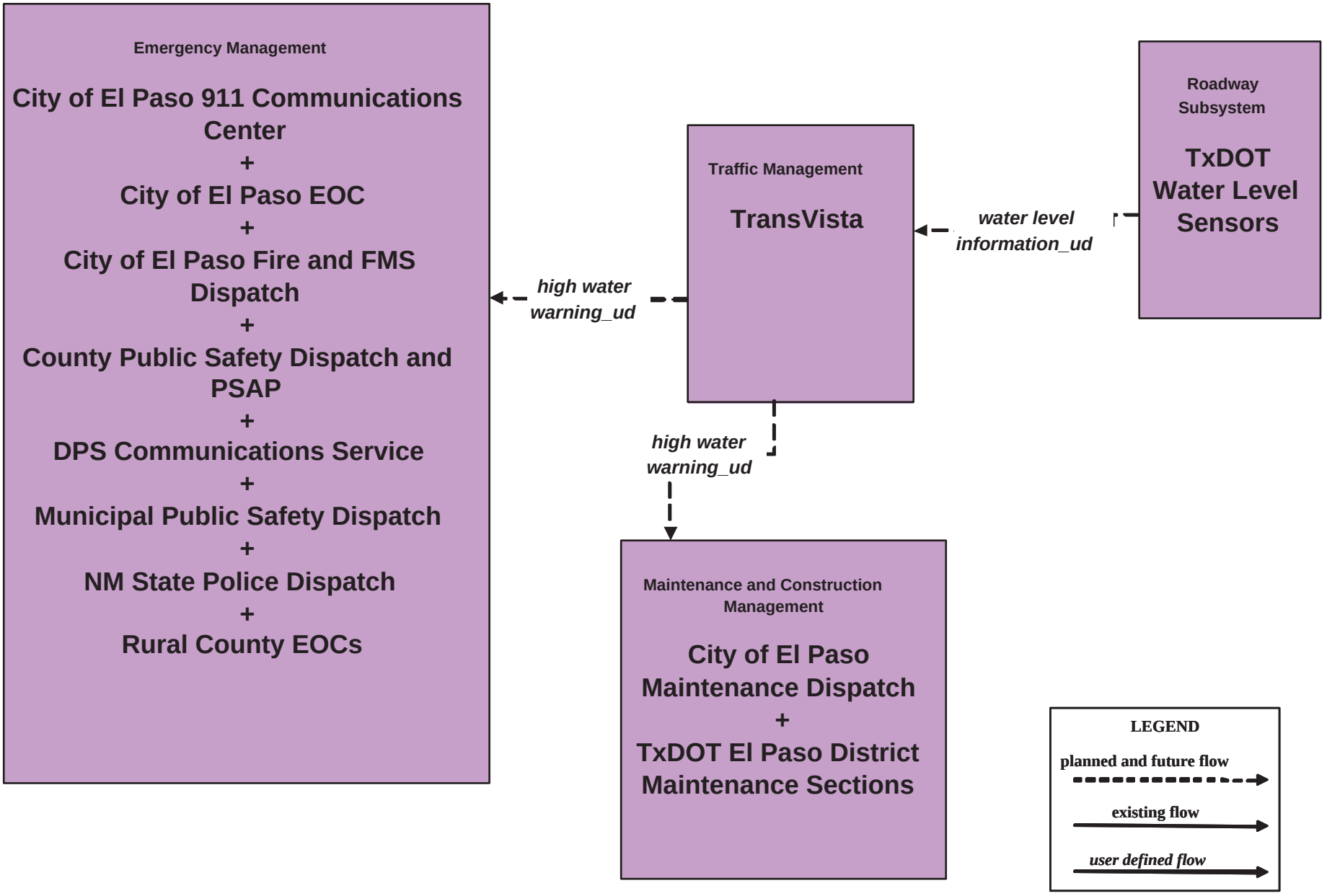
ATMS 08 - Incident Management
City of El Paso (MCM to Other MCM)



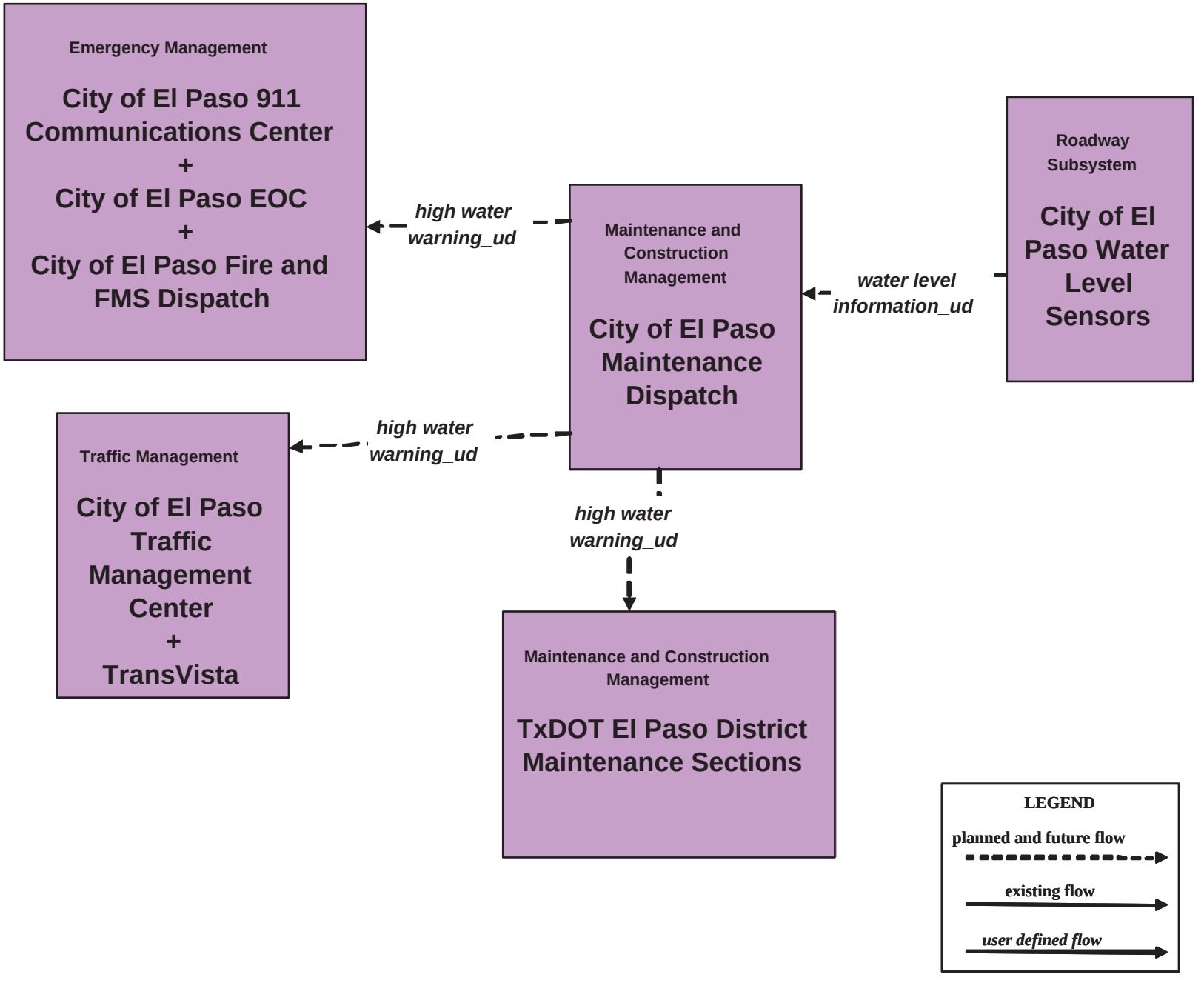
ATMS 08 - Incident Management
Municipal Maintenance/ TxDOT (MCM to Other MCM)



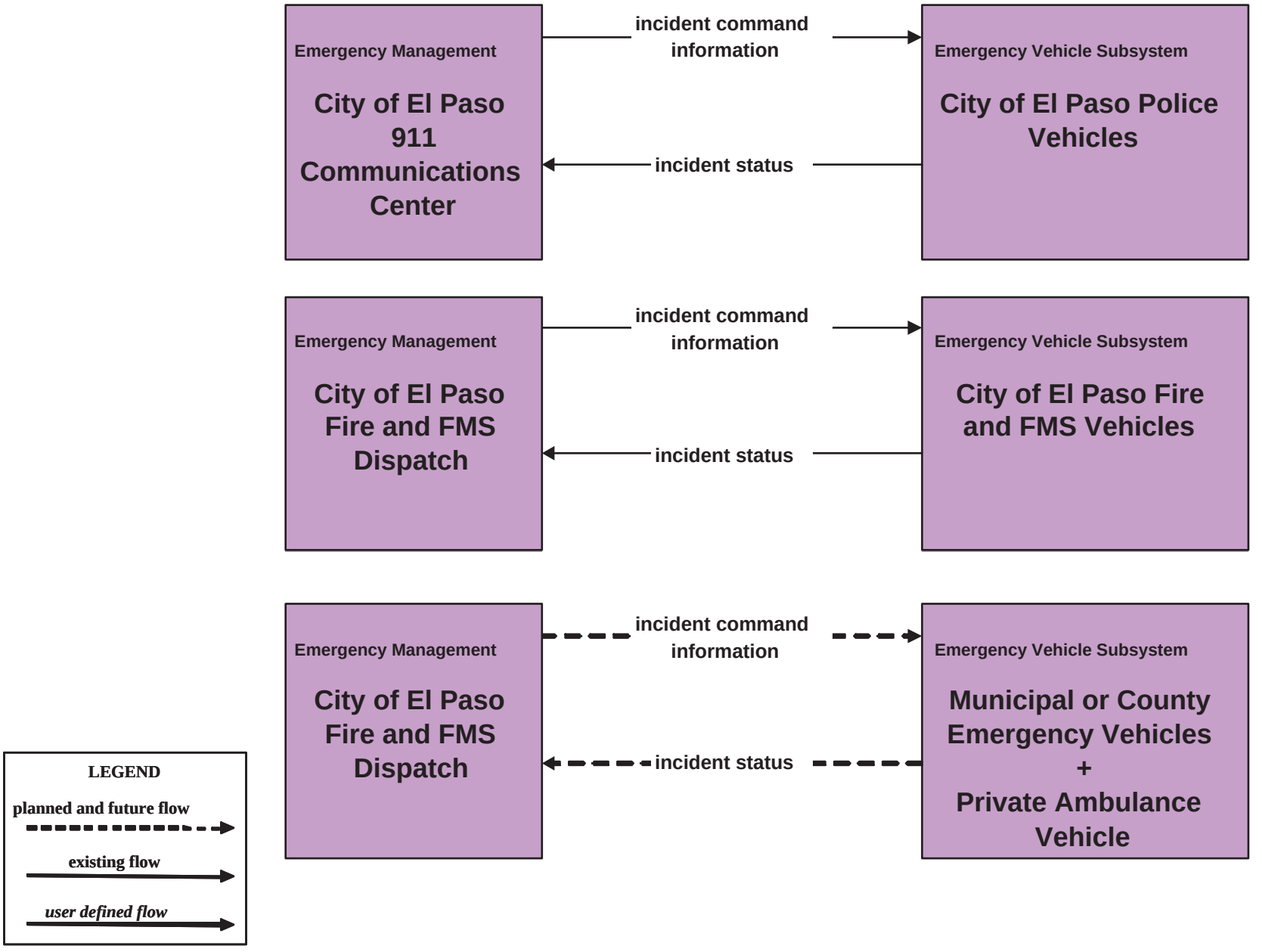
ATMS 08 - Incident Management
Water Level Monitoring-TxDOT



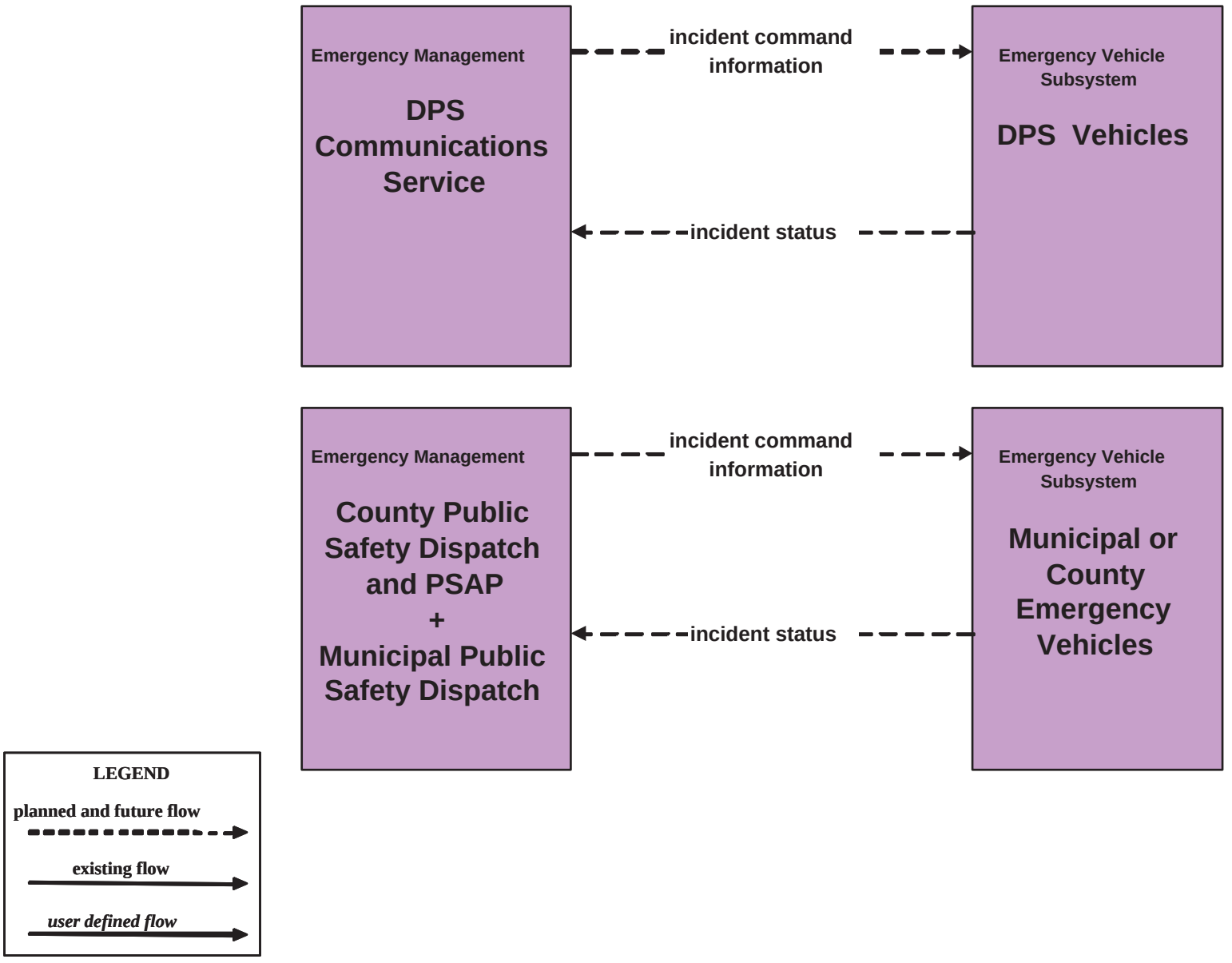
ATMS 08 - Incident Management
Water Level Monitoring-City of El Paso



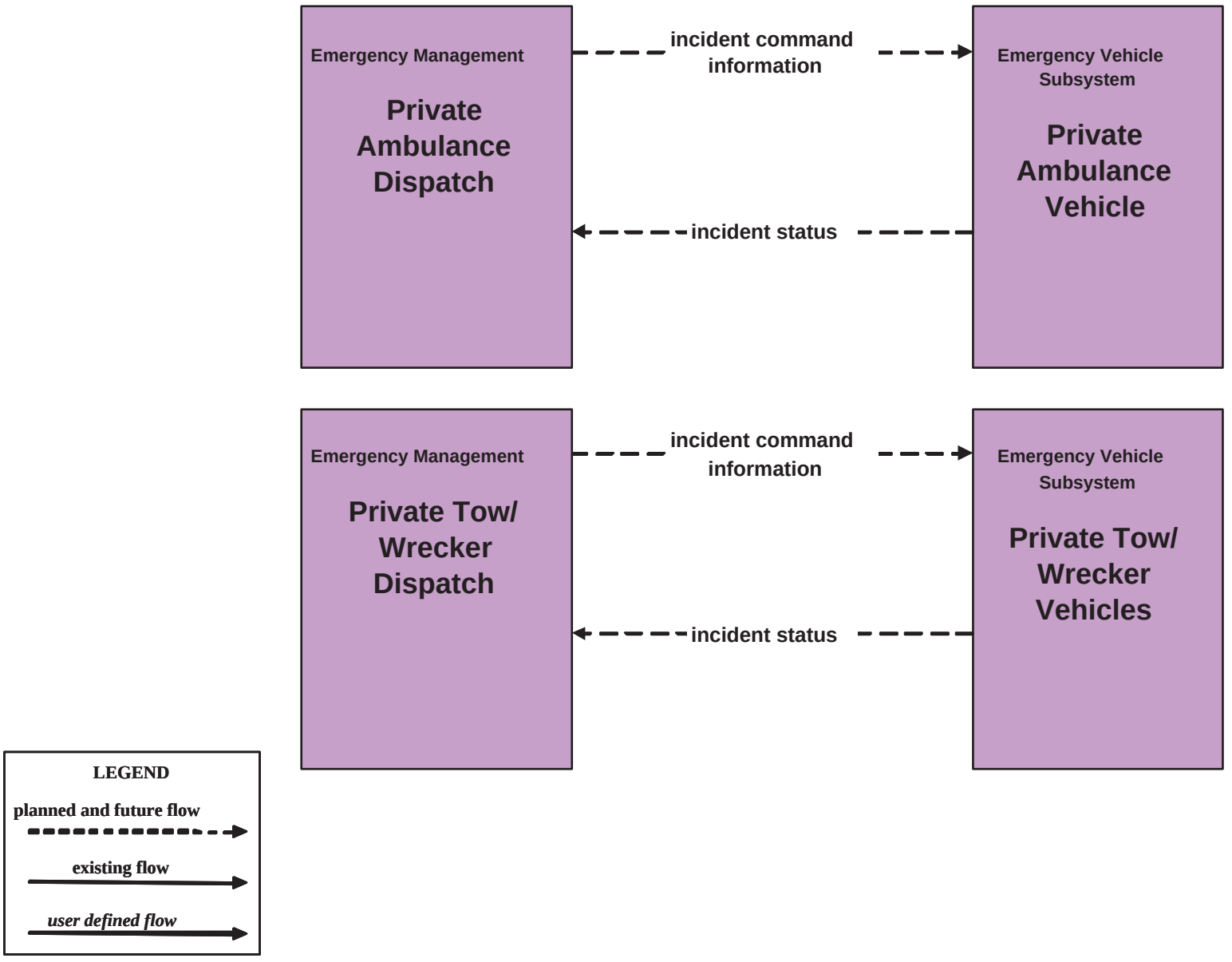
ATMS 08 - Incident Management
EM to EVS (1 of 4)



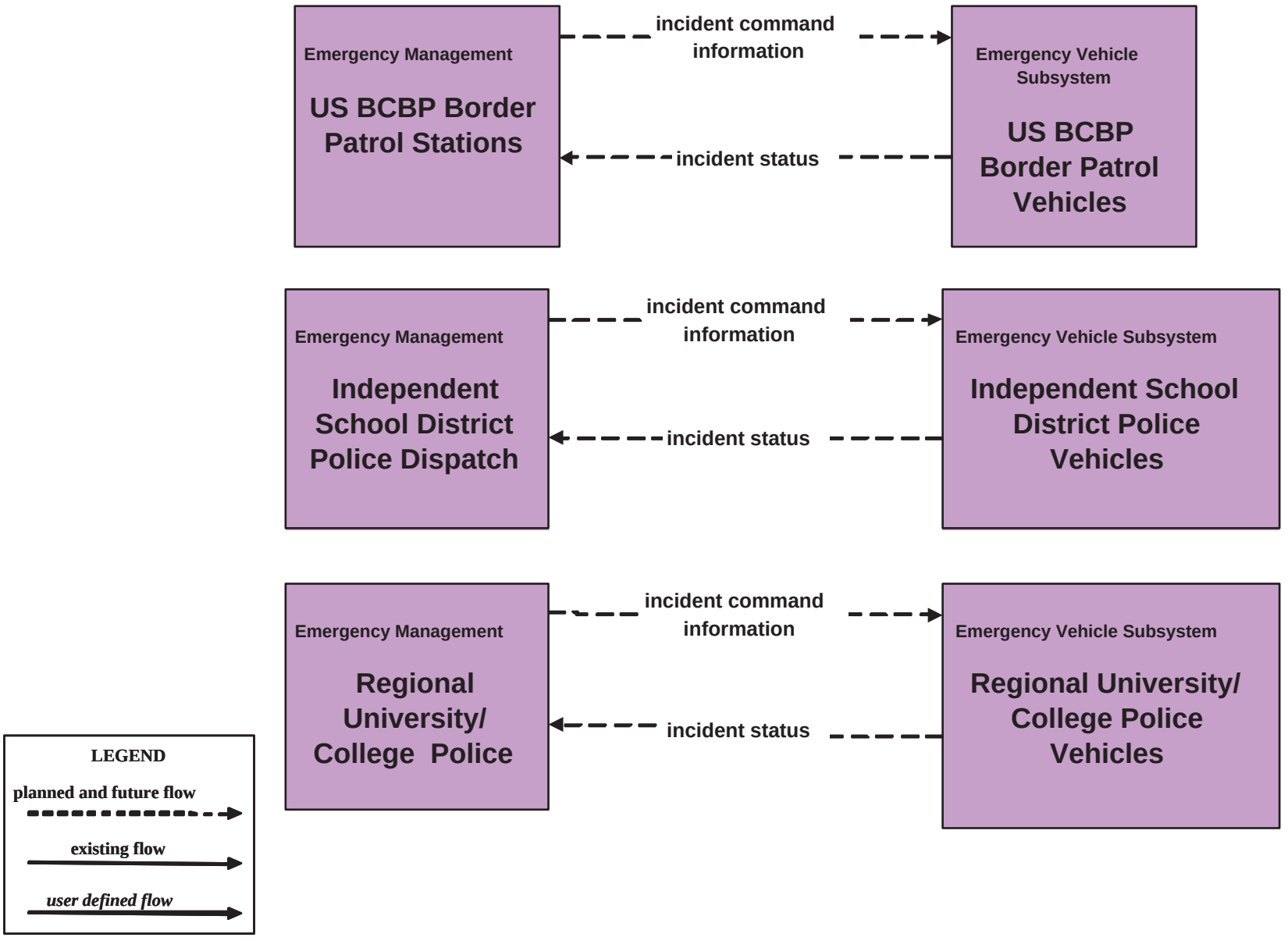
ATMS 08 - Incident Management
EM to EVS (2 of 4)



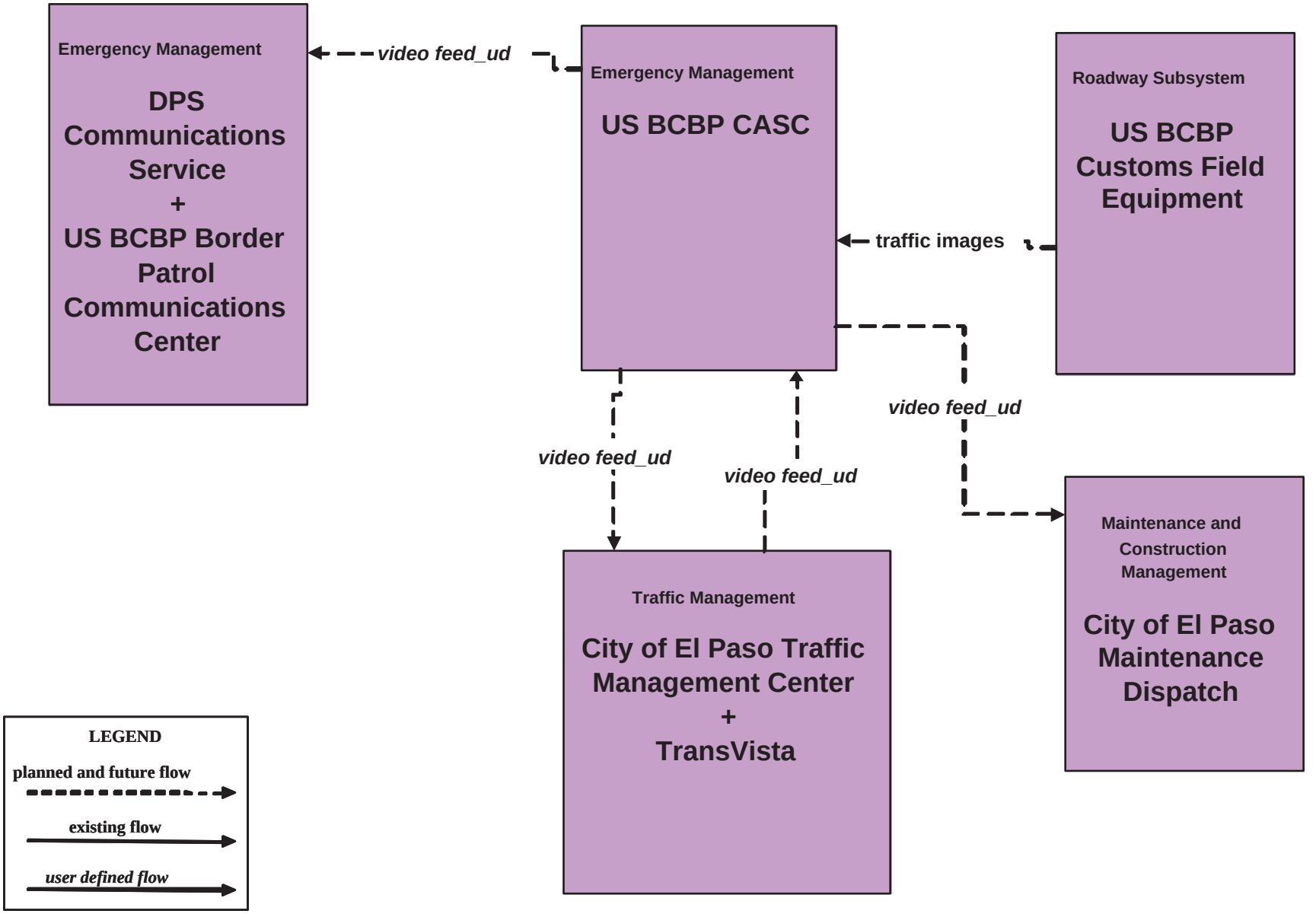
ATMS 08 - Incident Management
EM to EVS (3 of 4)



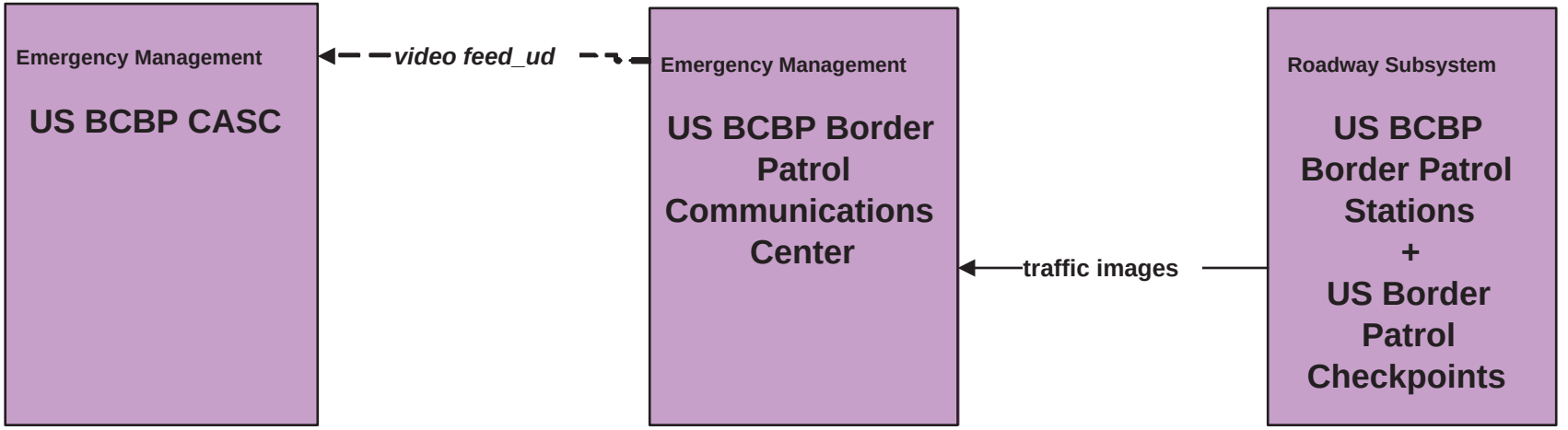
ATMS 08 - Incident Management
EM to EVS (4 of 4)

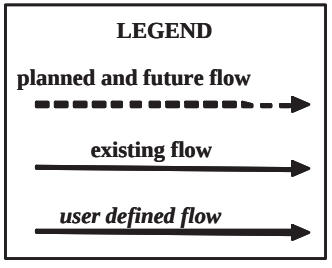


ATMS 08 - Incident Management
CASC

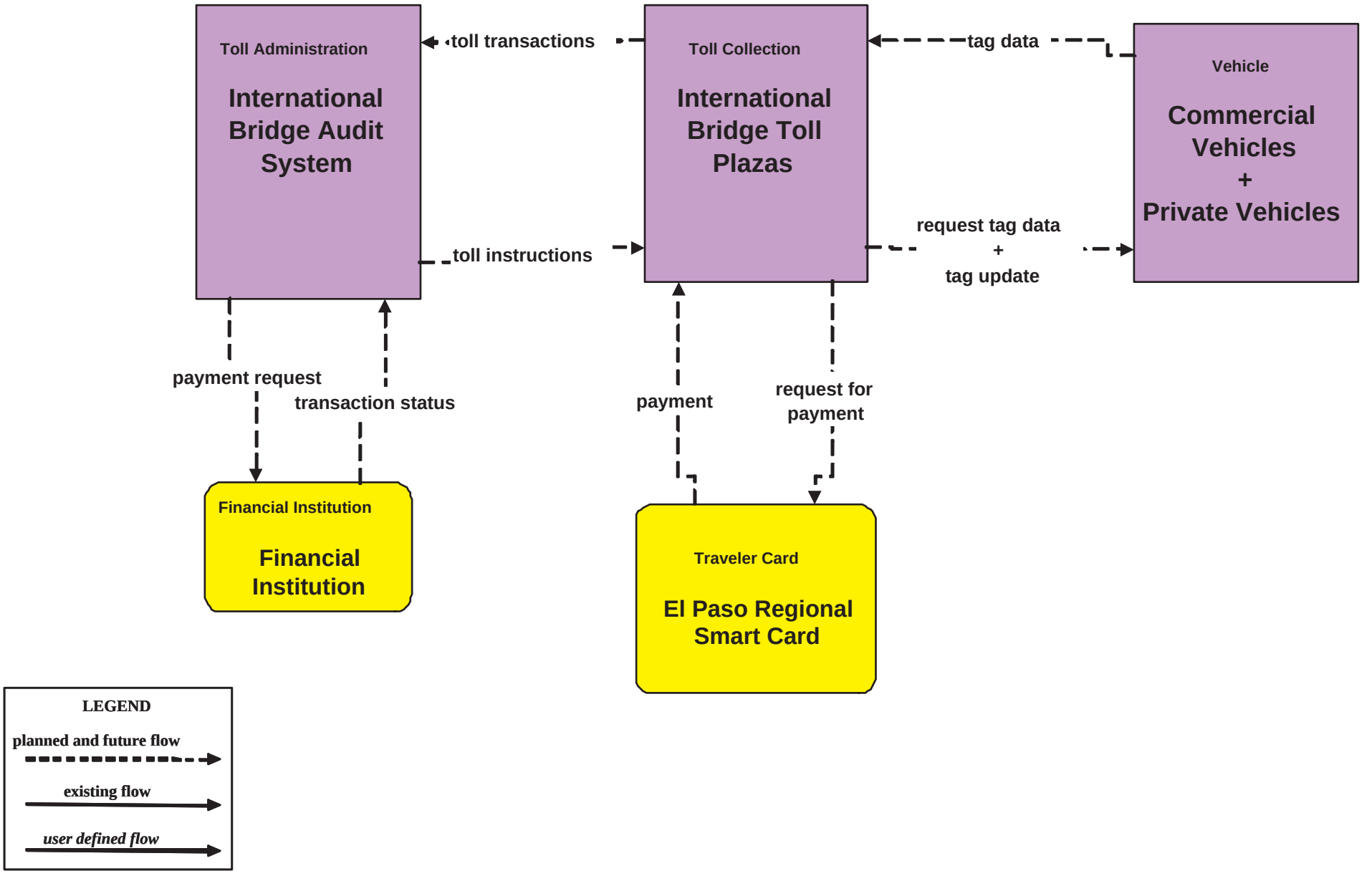


ATMS 08 - Incident Management
Border Patrol Comm Center

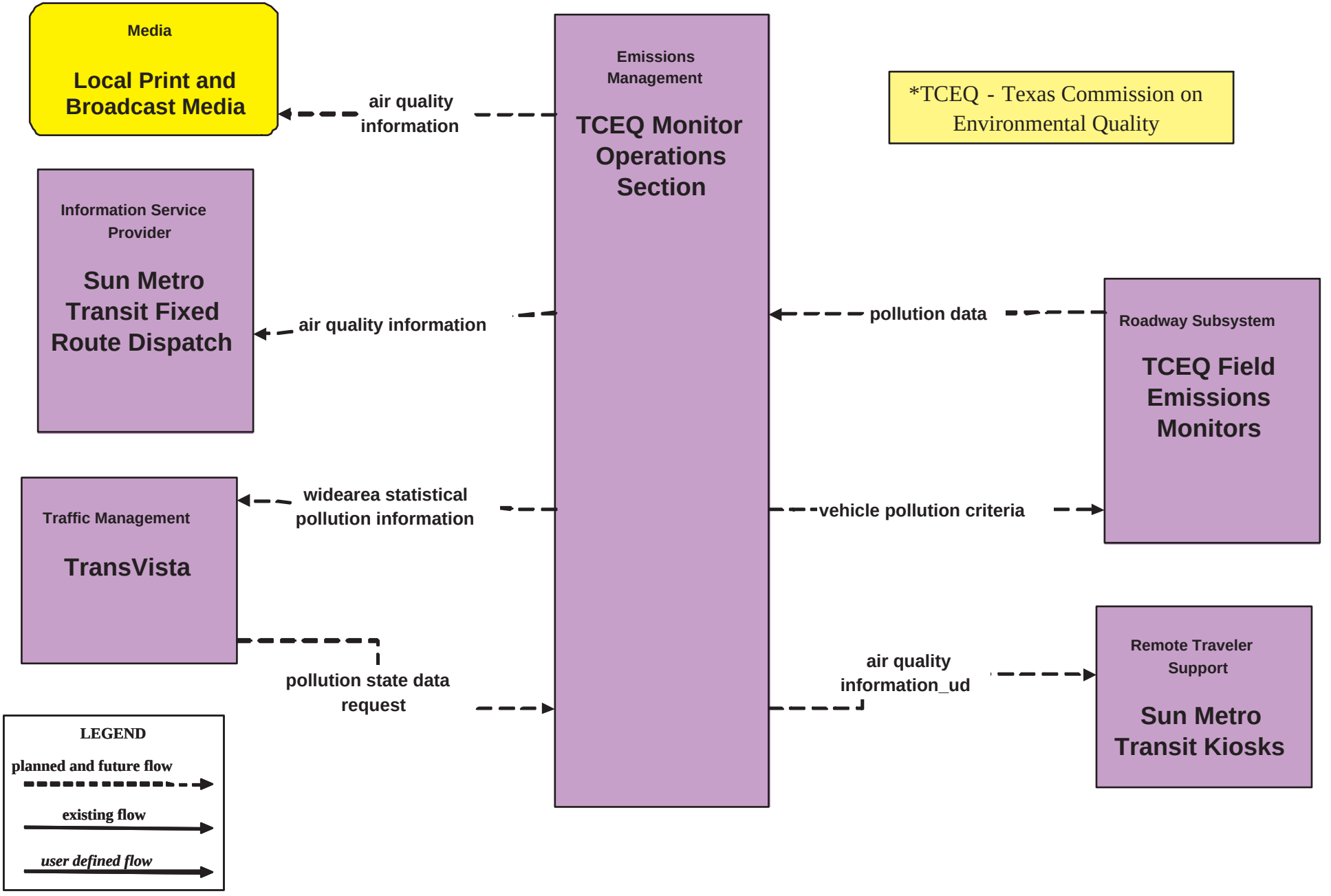




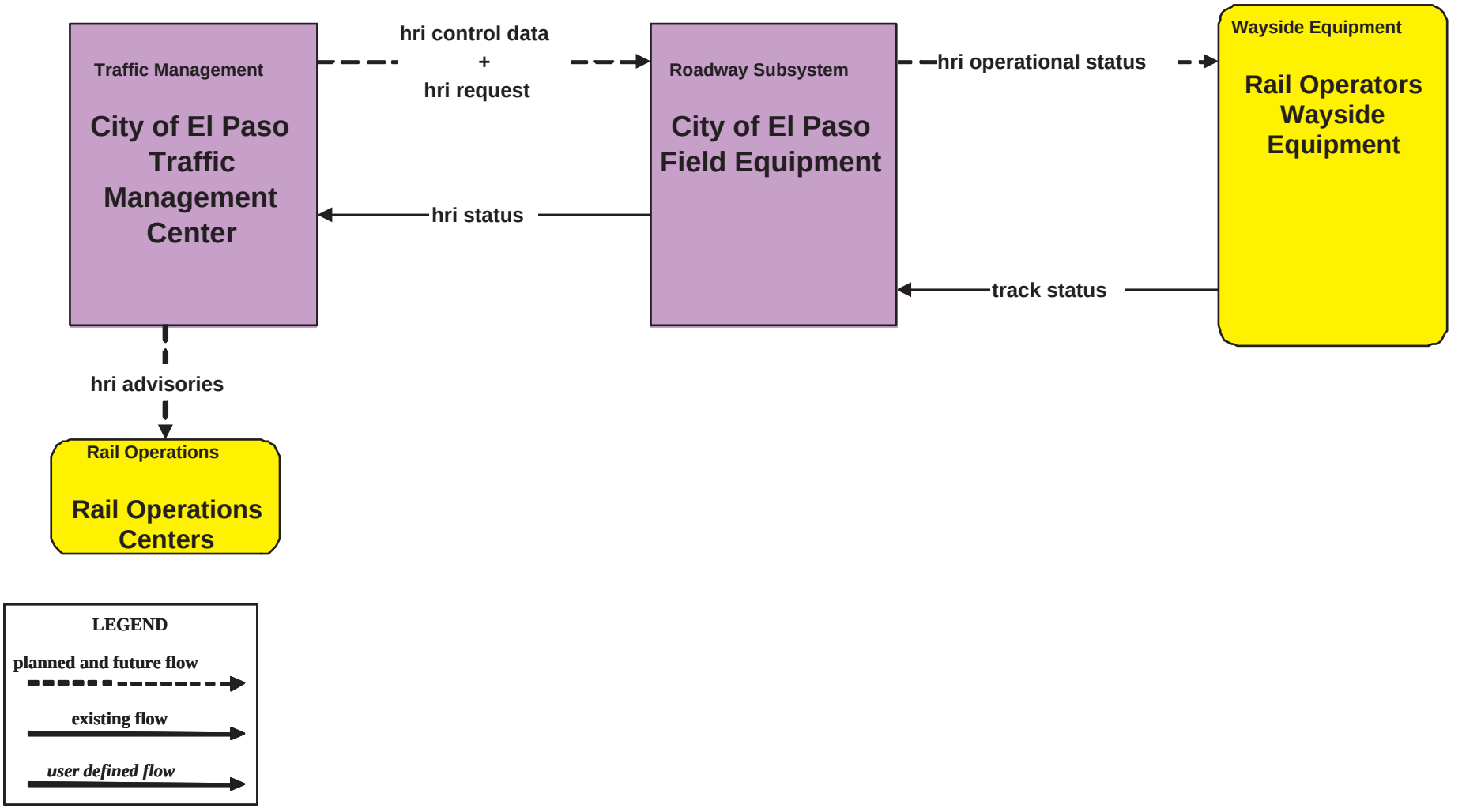
ATMS 10 - Electronic Toll Collection
International Bridge



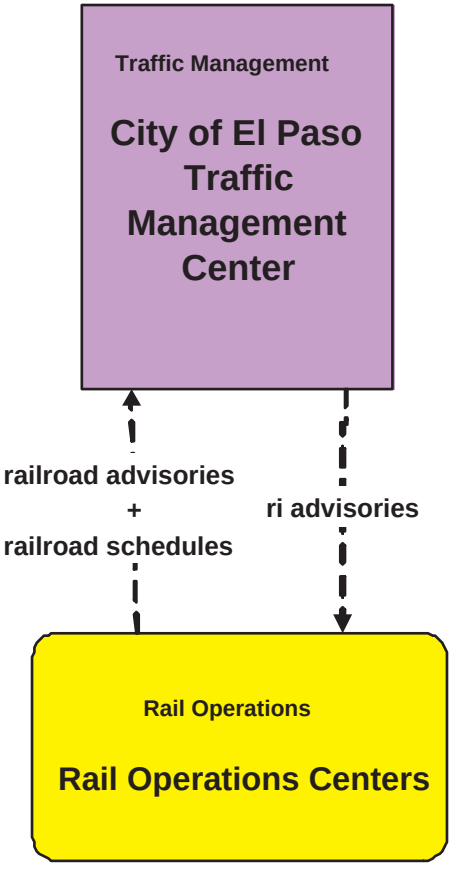
ATMS11 - Emissions Monitoring and Management
TCEQ

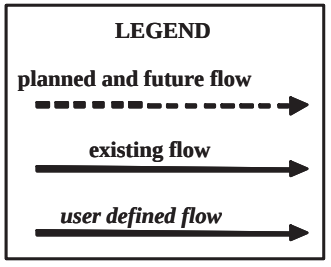


ATMS 13 - Standard Railroad Crossing
City of El Paso Traffic Management Center

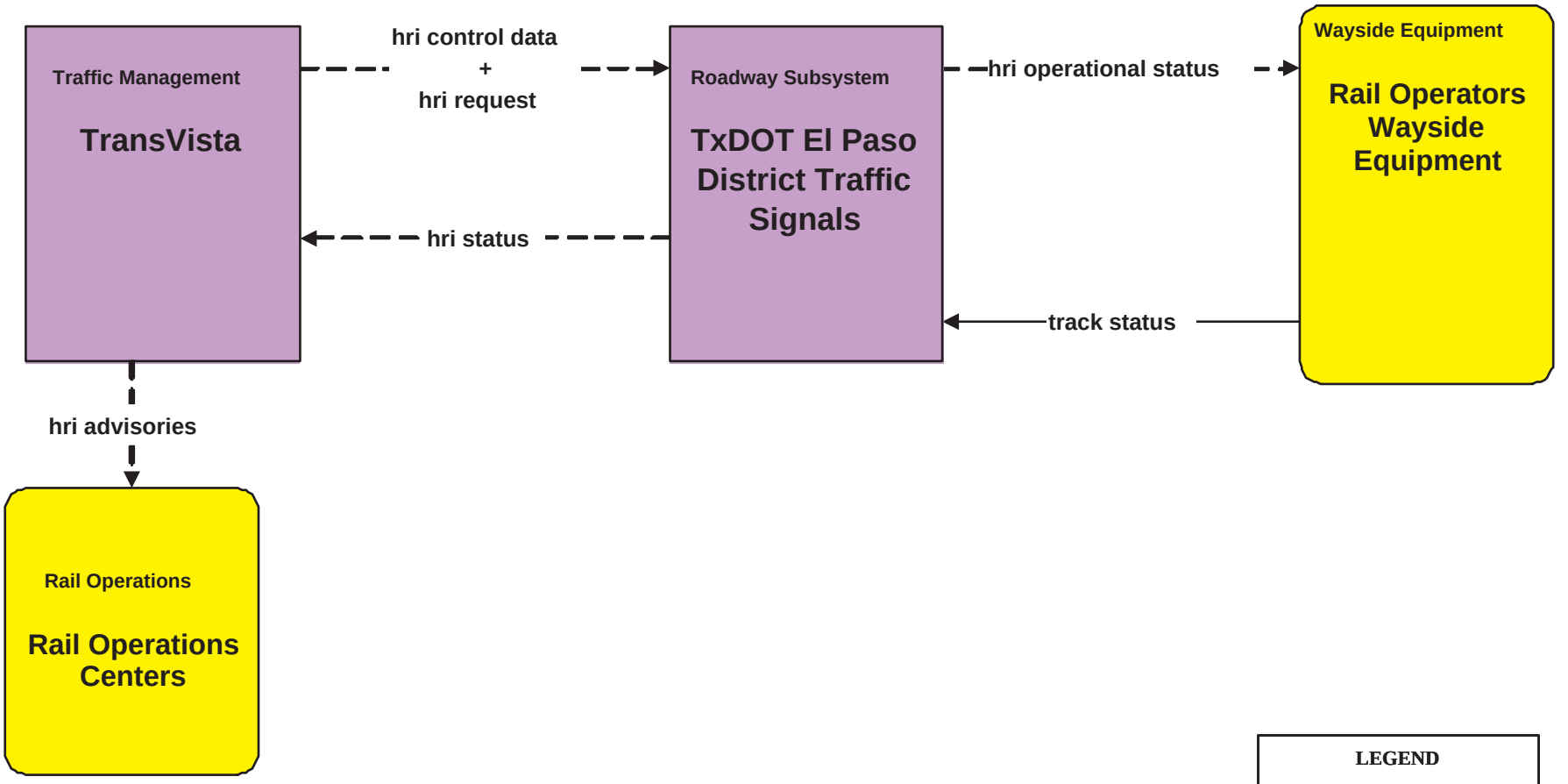


ATMS 15 - Railroad Operations Coordination
City of El Paso Traffic Management Center

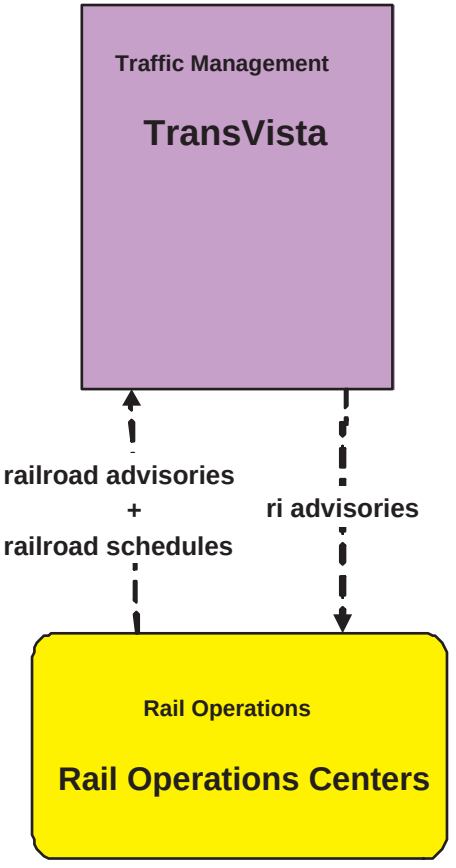


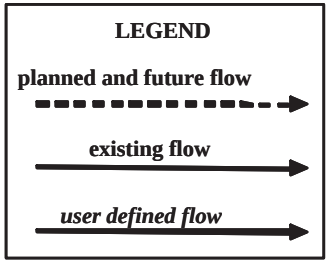
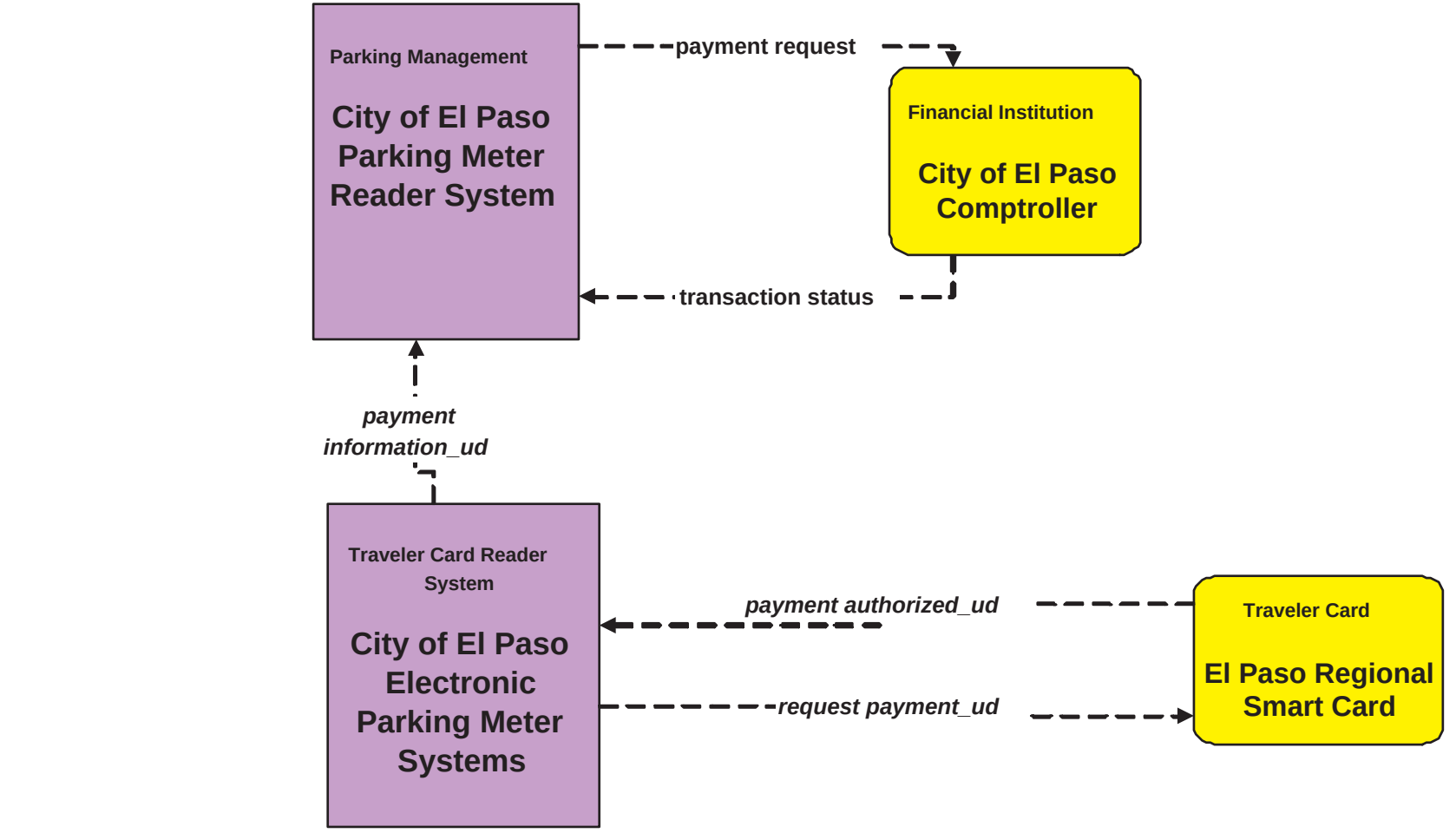
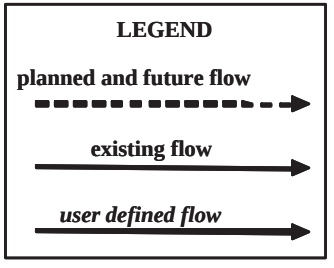


ATMS 13 - Standard Railroad Crossing
TransVista



ATMS 15 - Railroad Operations Coordination
TransVista





ATMS 16 - Parking Systems
Use of Smart Card for Parking