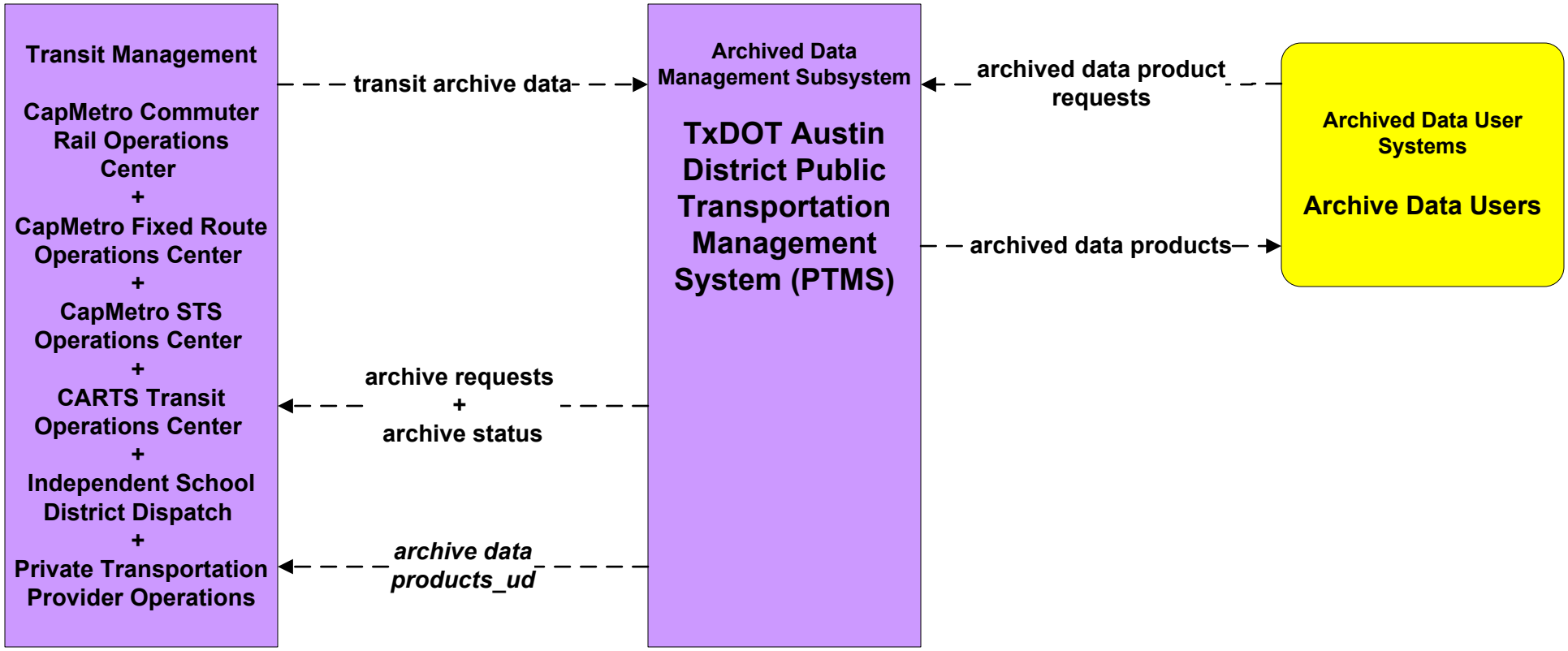
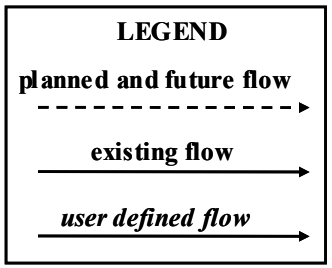
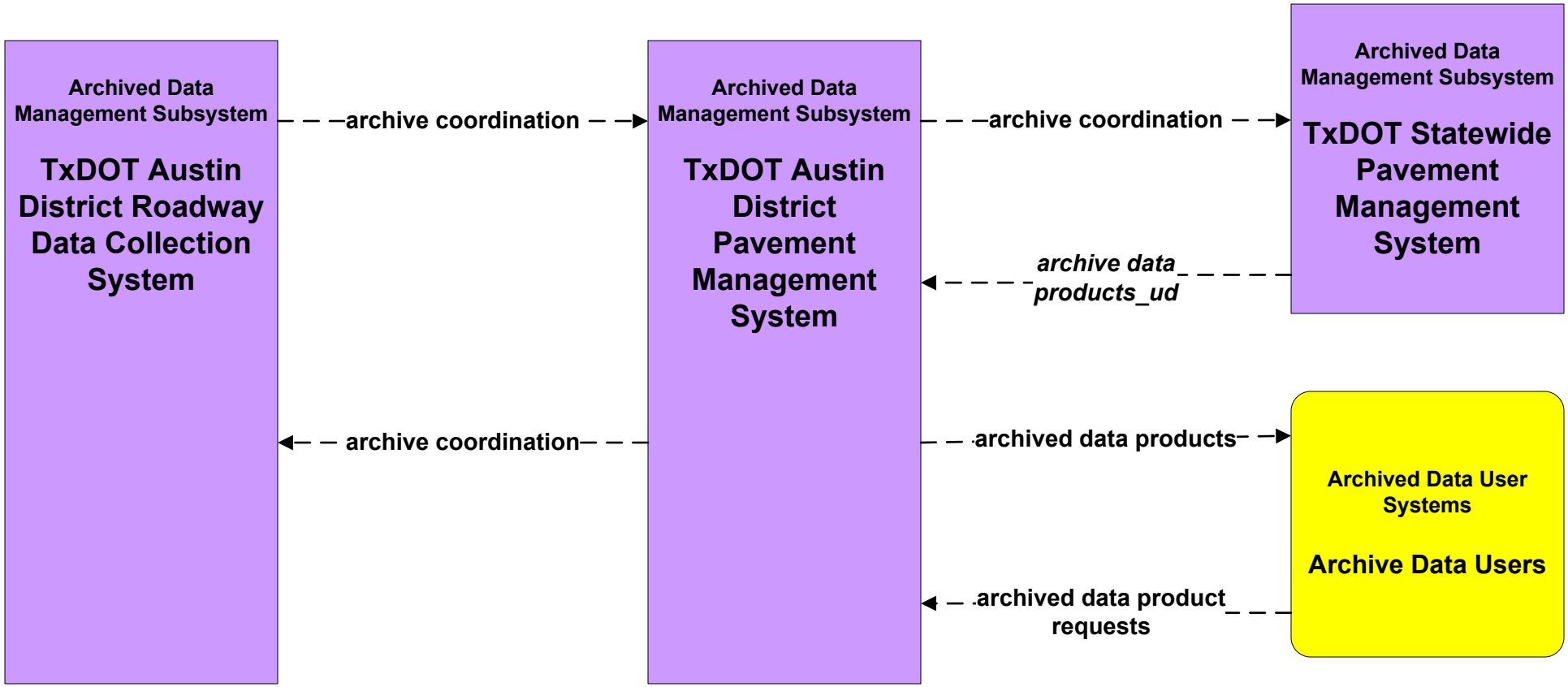
AD1 - ITS Data Mart
TxDOT Austin District PTMS





AD1 - ITS Data Mart
TxDOT Austin District Pavement Management System



LEGEND

planned and future flow

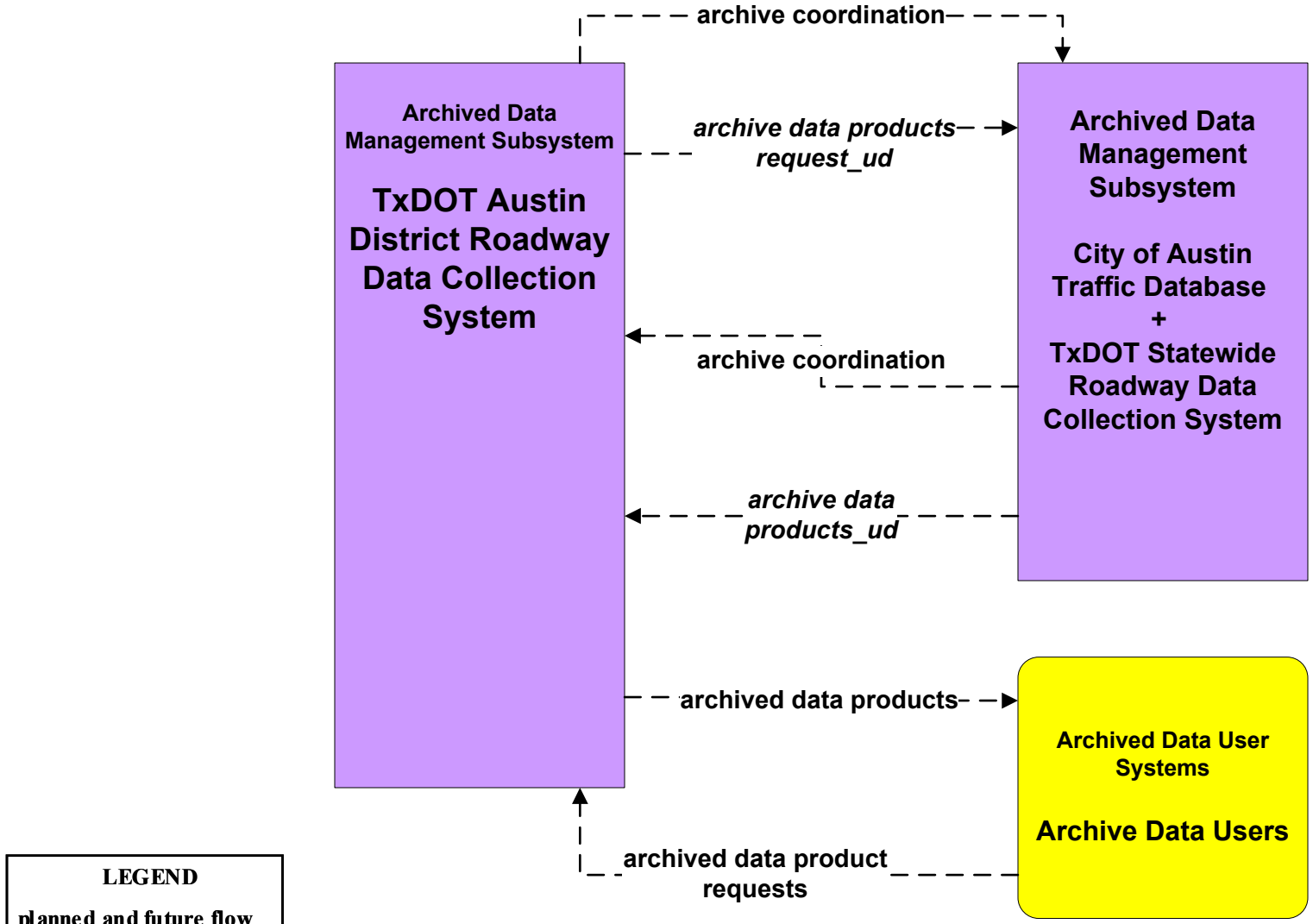
existing flow

user defined flow

Users include:

- Transportation Planners
- TxDOT
- Federal Highway Administration
- Public Requests

AD1 - ITS Data Mart
TxDOT Austin District Roadway Data Collection System



LEGEND

planned and future flow

existing flow

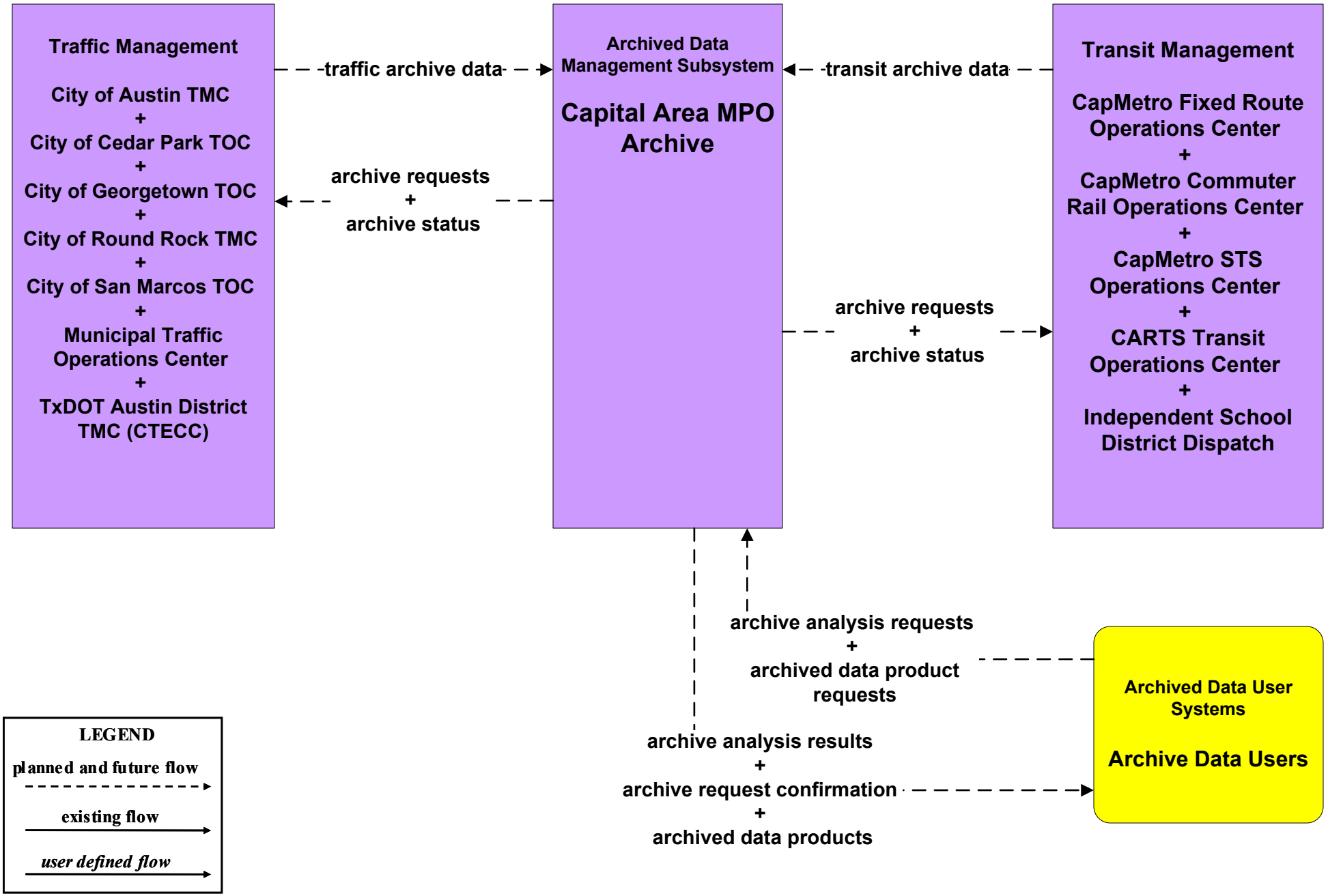
user defined flow

Users include:

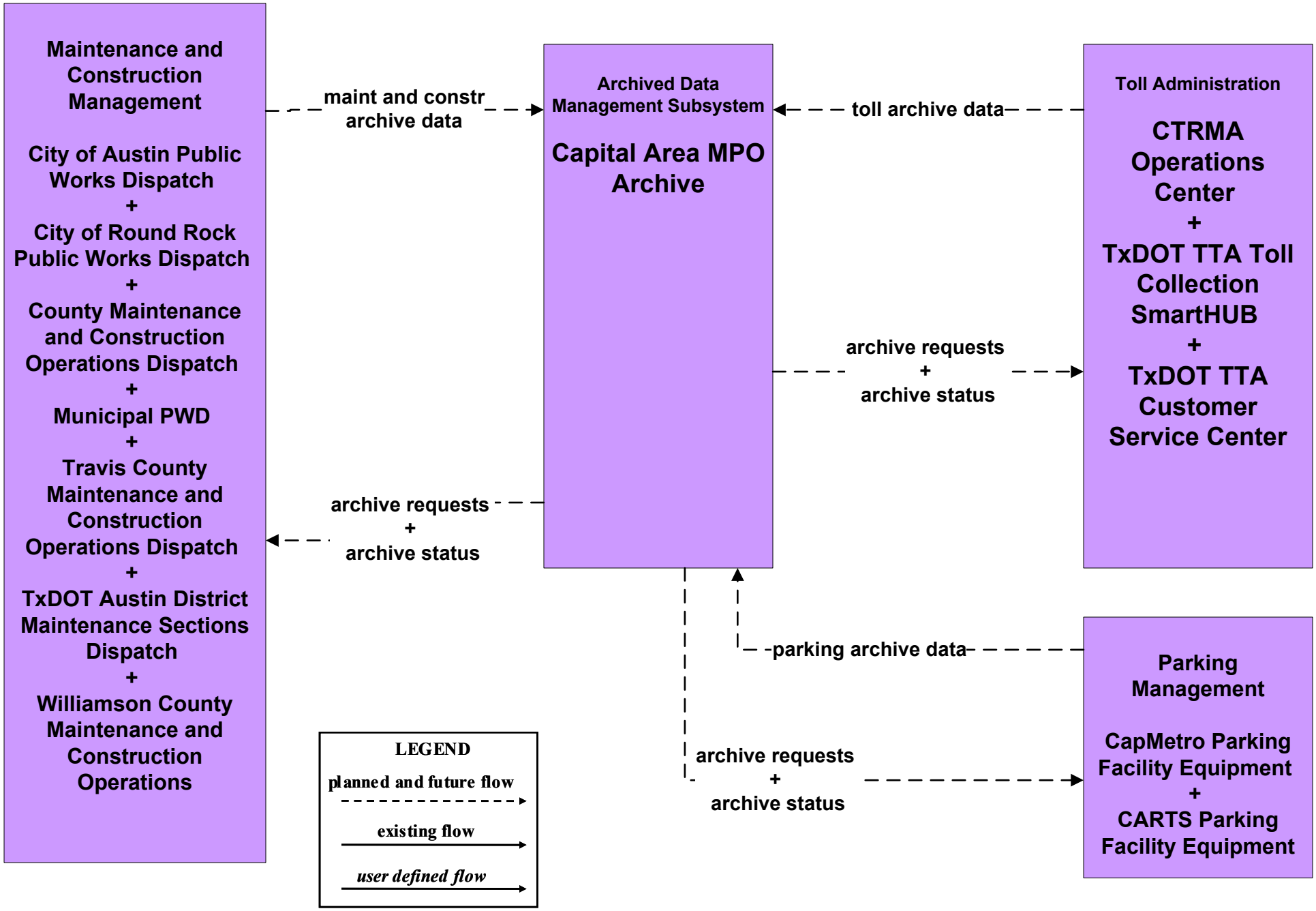
- Transportation Planners
- TxDOT
- Federal Highway Administration
- Public Requests

AD1 - ITS Data Mart
Traffic Archive Databases

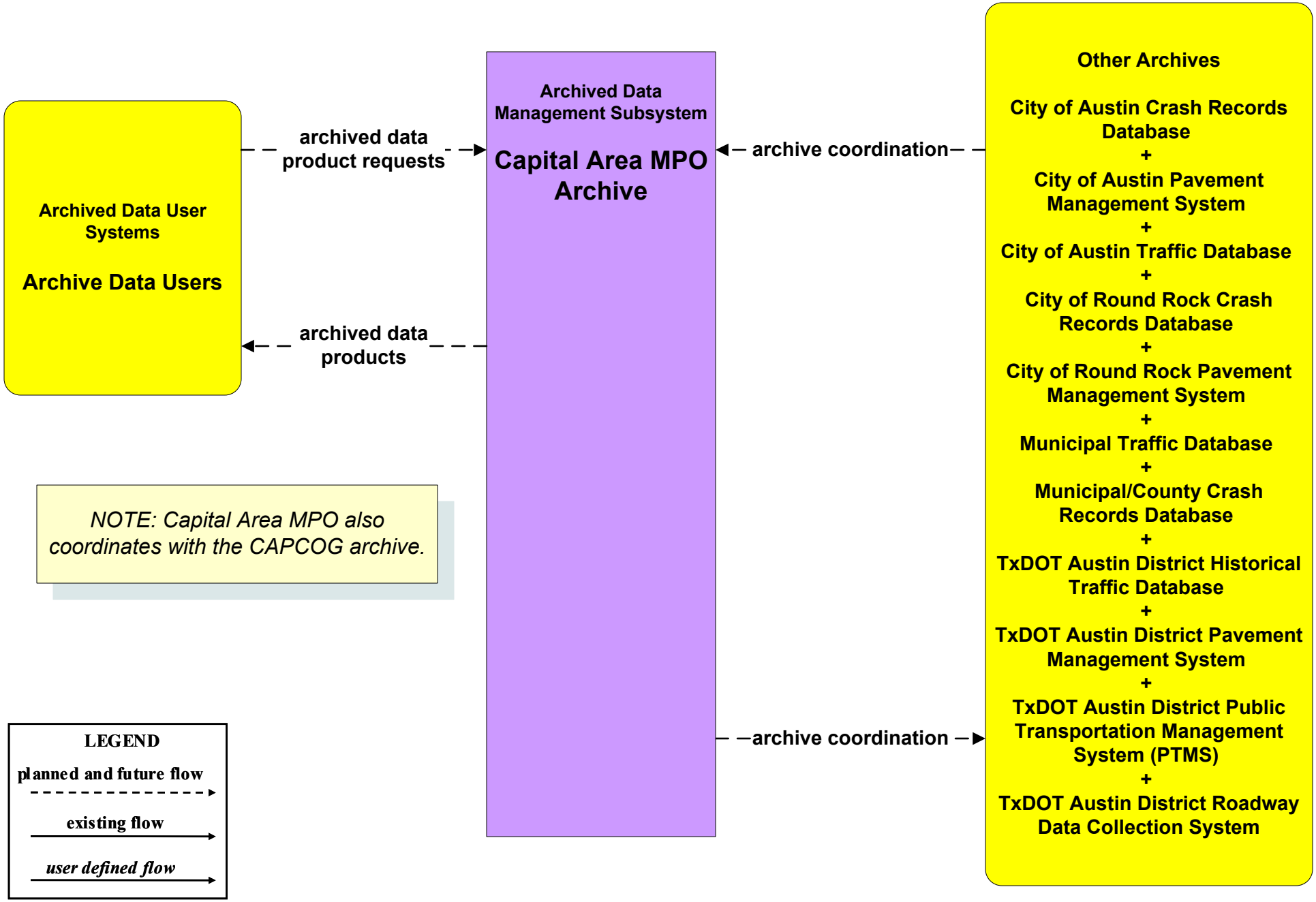
AD2 - ITS Data Warehouse
Capital Area MPO (1 of 2)



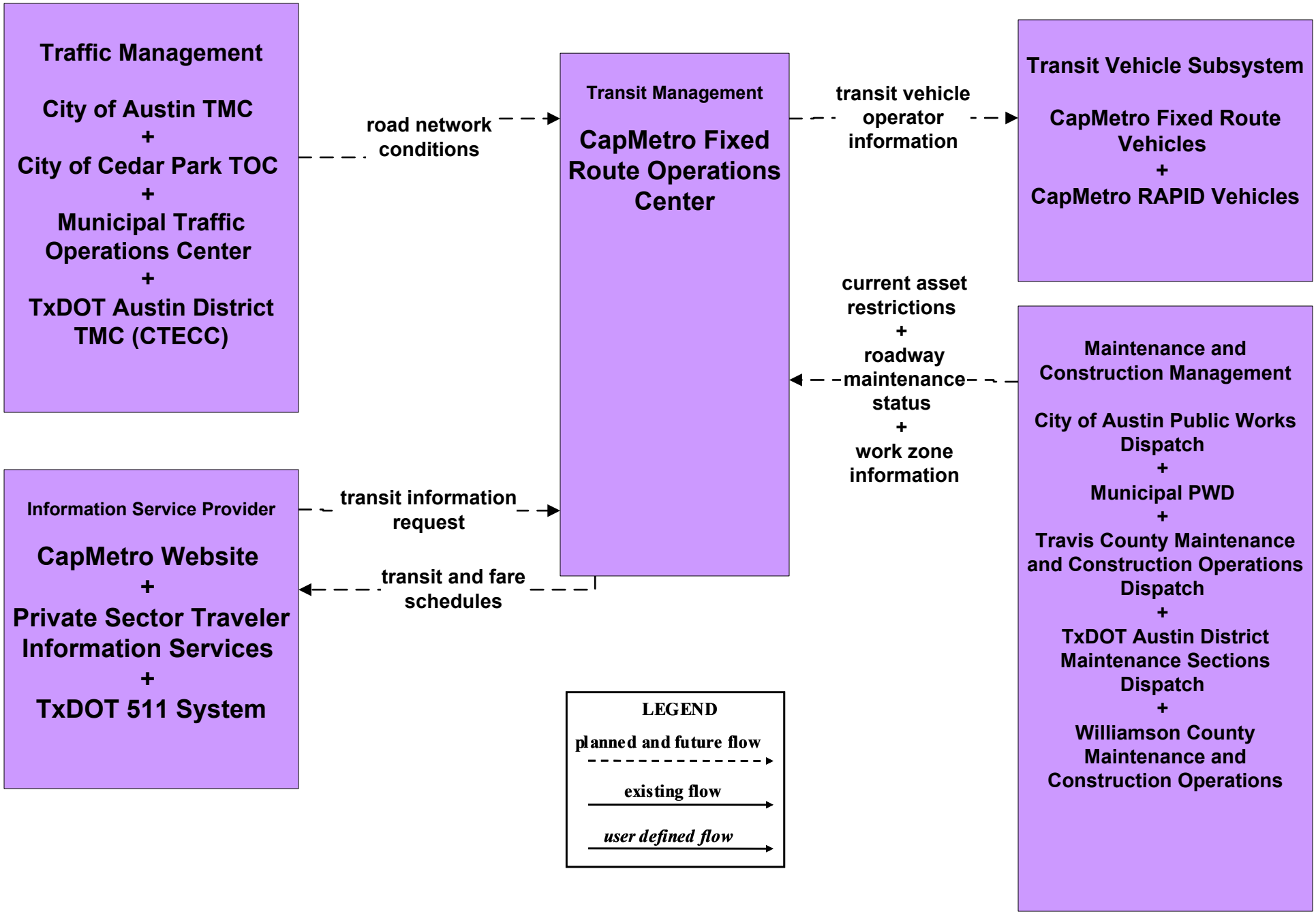
AD2 - ITS Data Warehouse
Capital Area MPO (2 of 2)



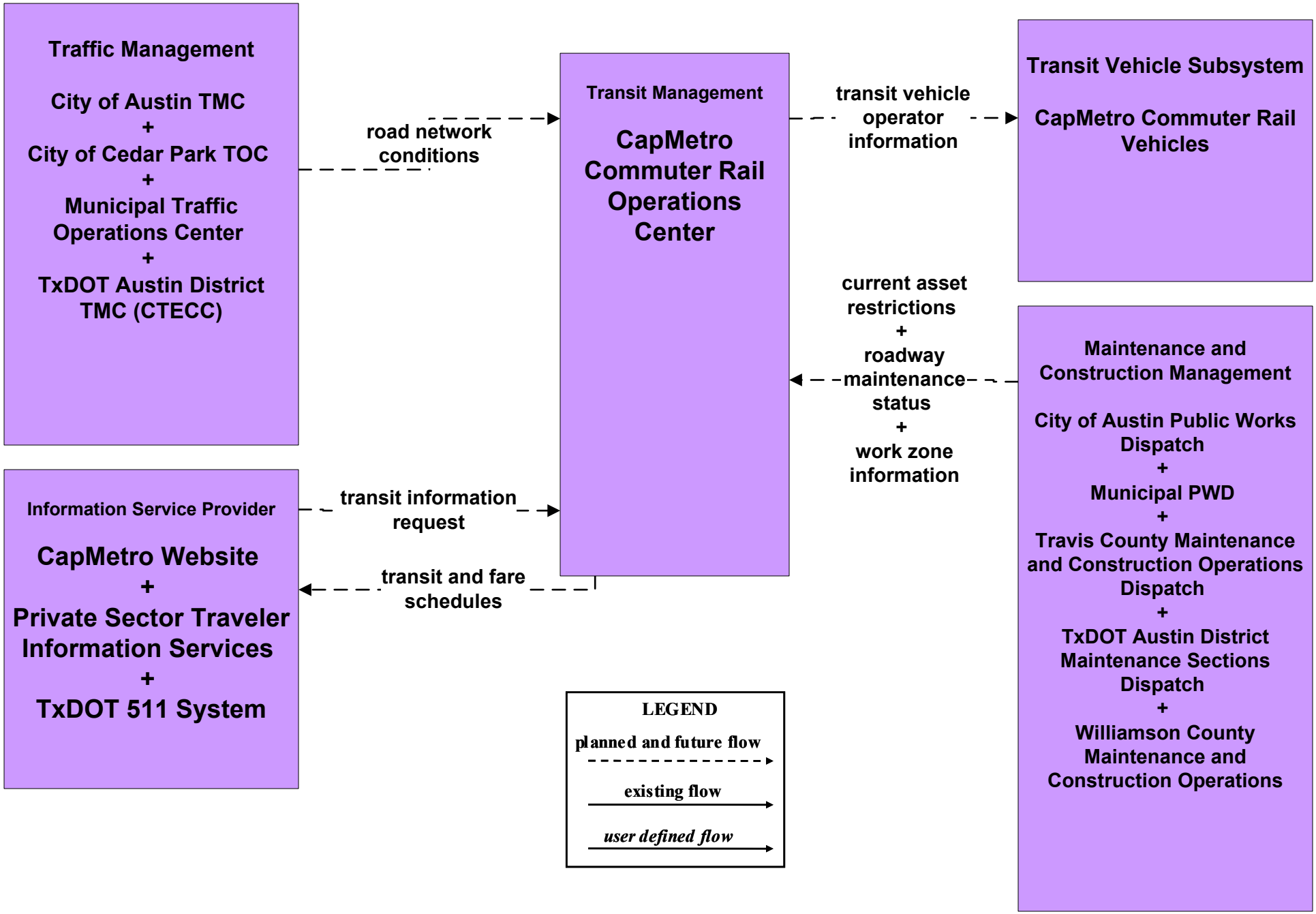
AD3 - ITS Virtual Data Warehouse
Capital Area MPO



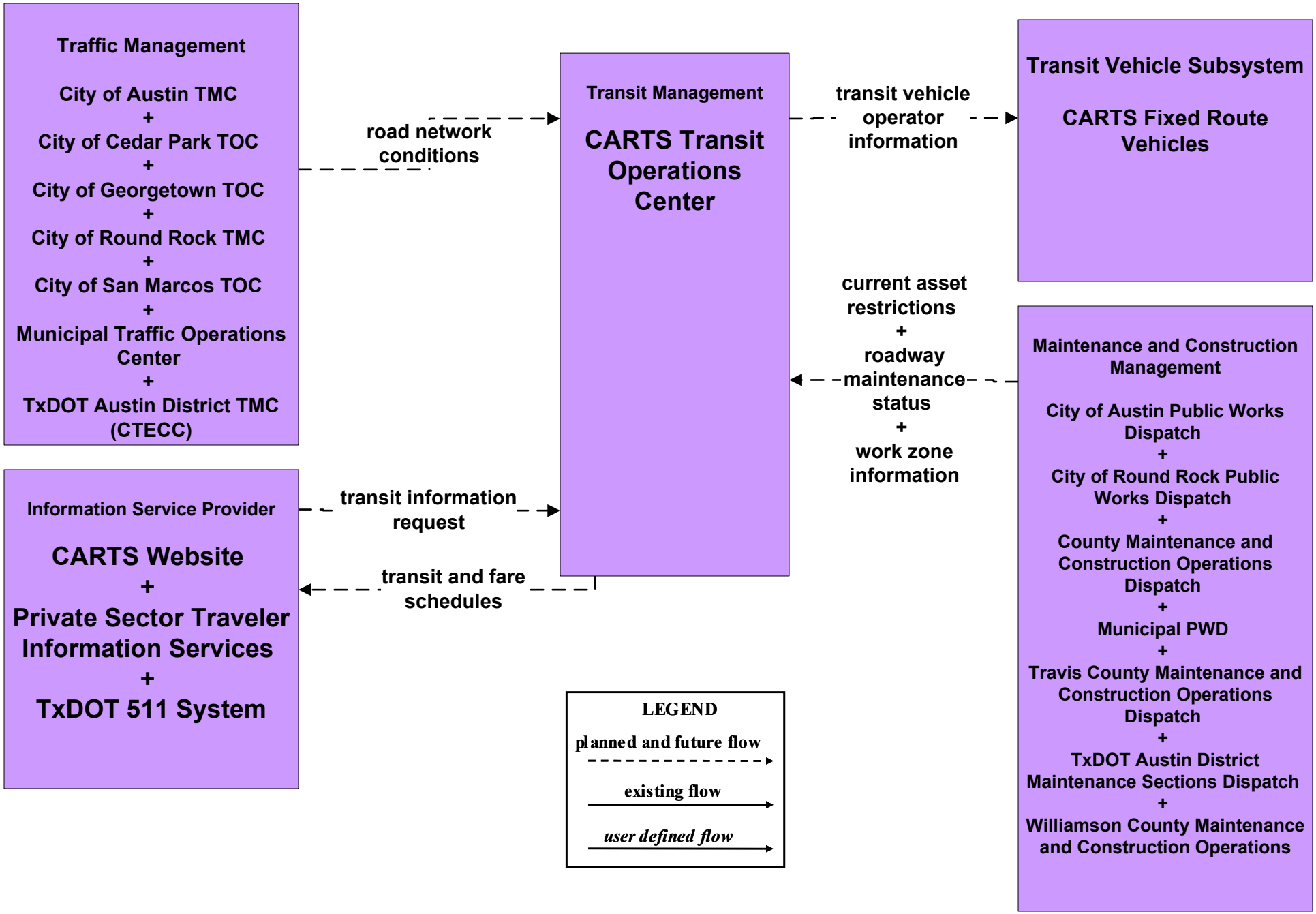
APTS2 - Transit Fixed-Route Operations
CapMetro Transit (1 of 2)



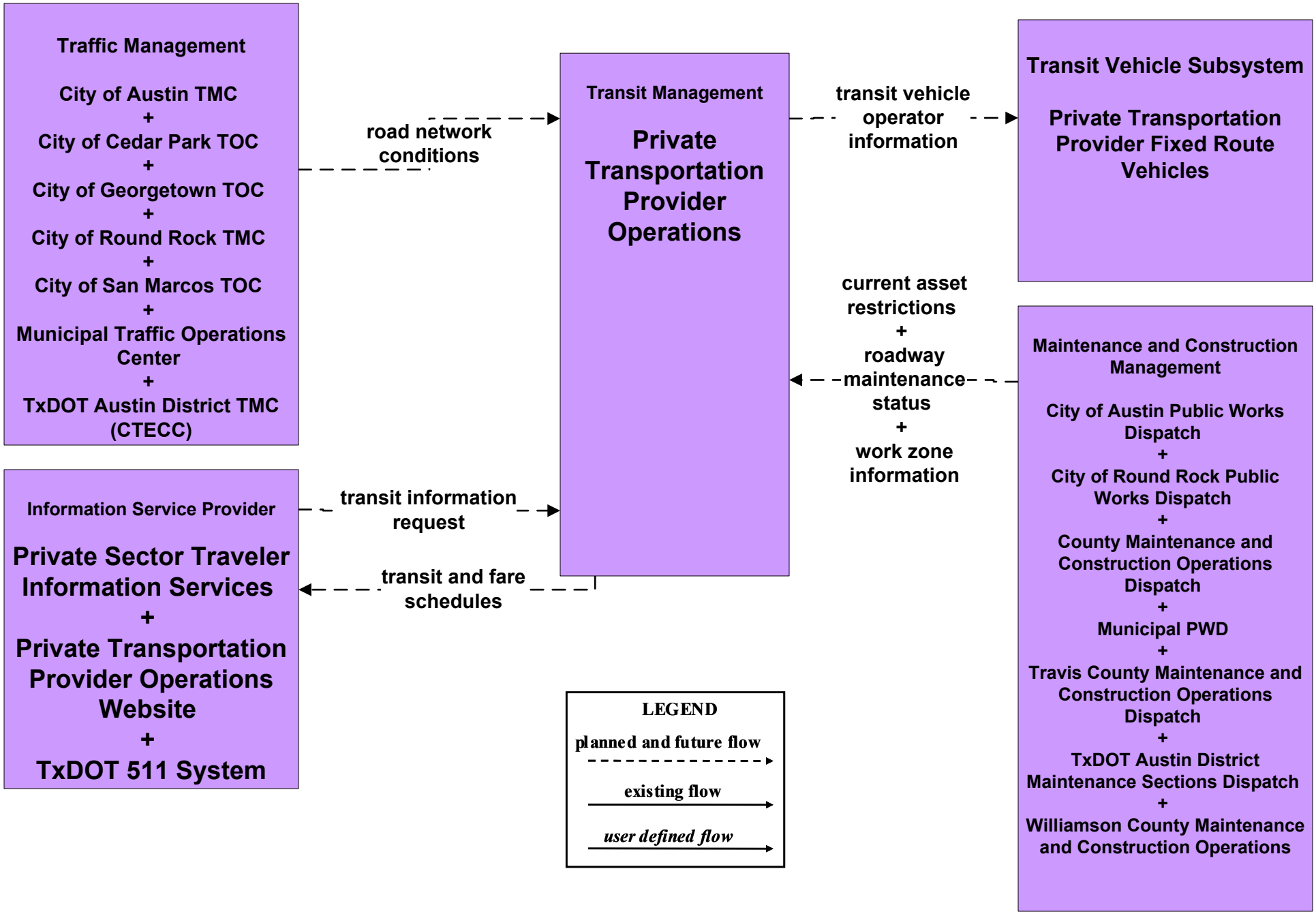
APTS2 - Transit Fixed-Route Operations
CapMetro Transit (2 of 2)



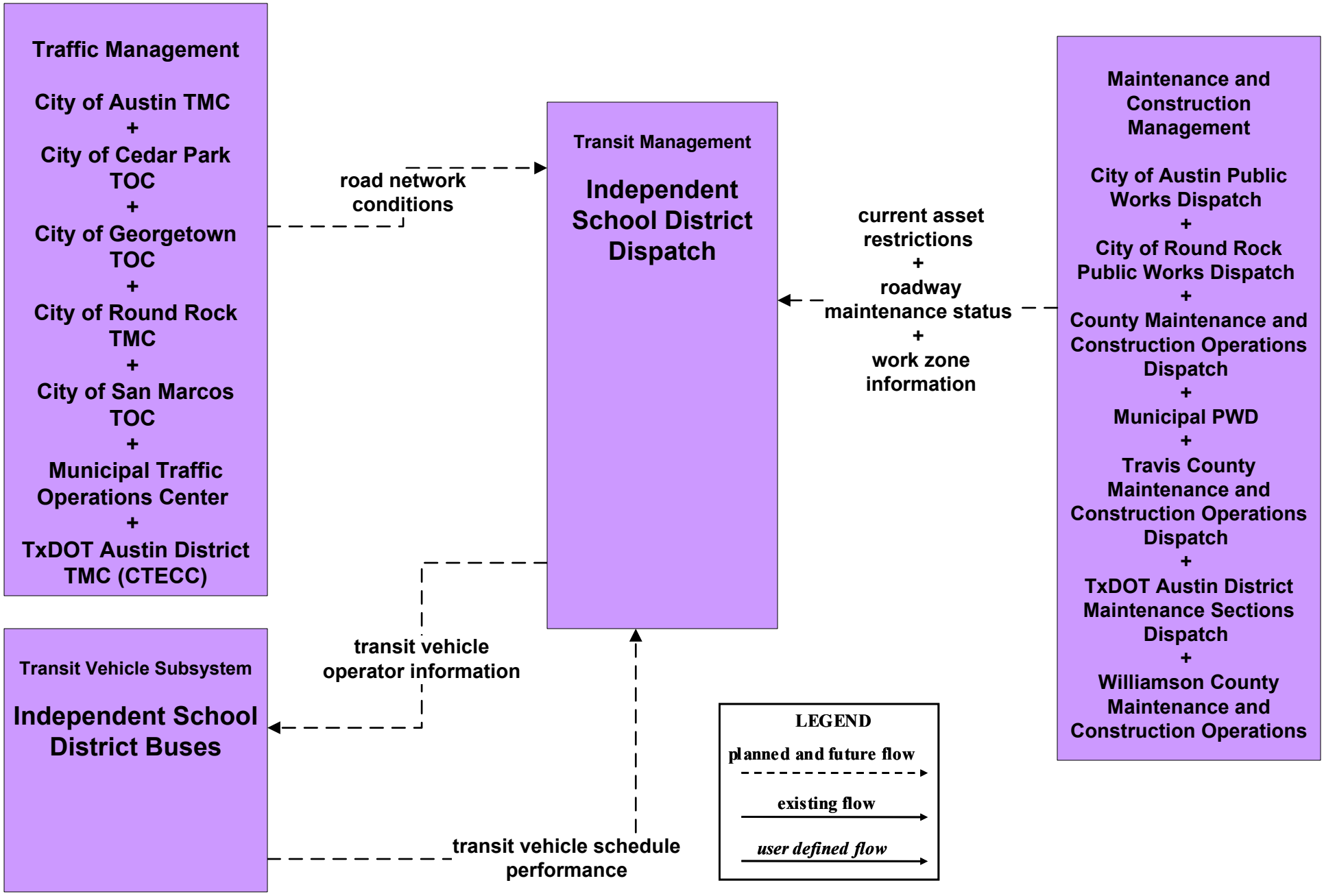
APTS2 - Transit Fixed-Route Operations
CARTS Transit



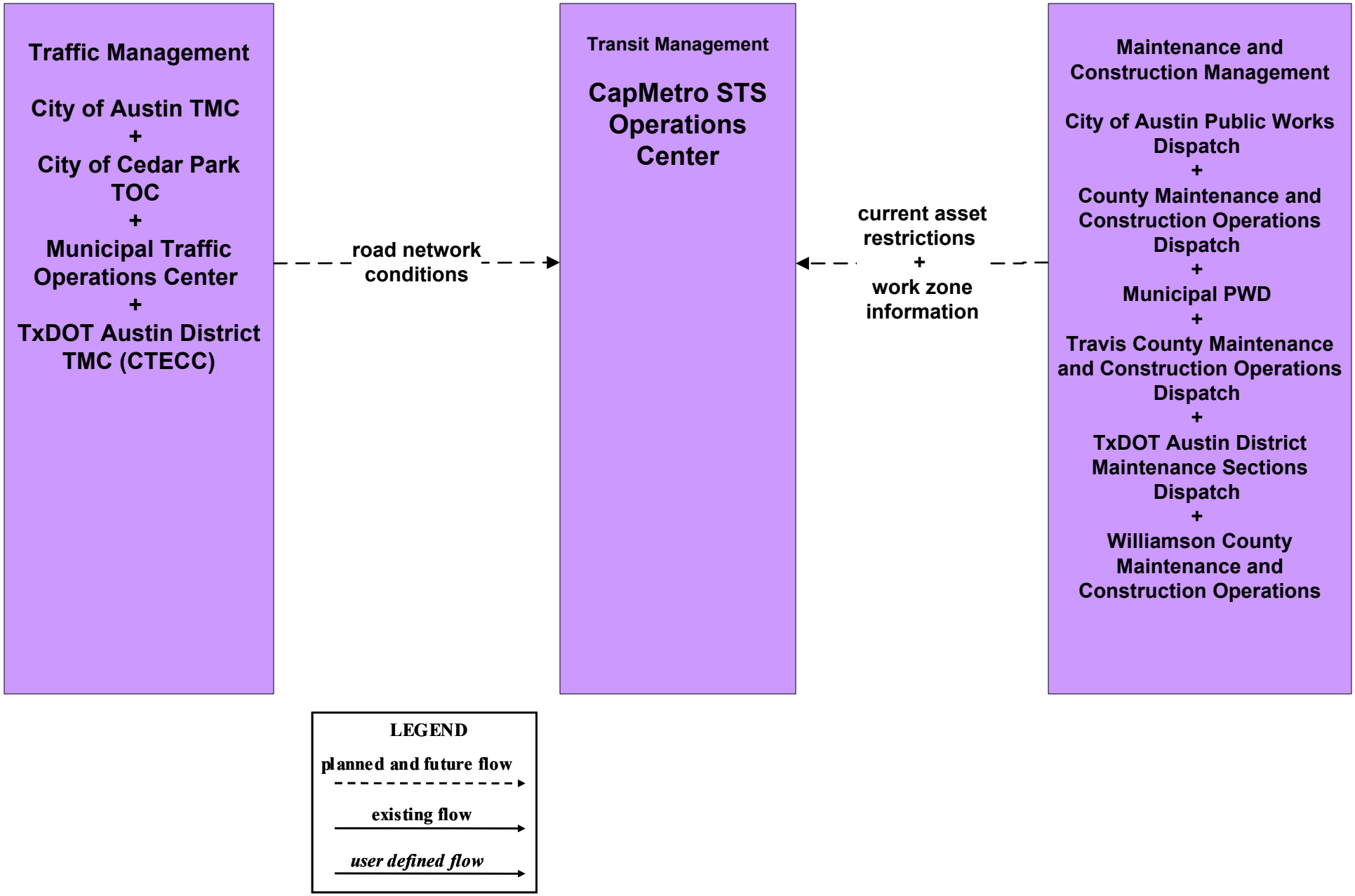
APTS2 - Transit Fixed-Route Operations
Private Transportation Operations



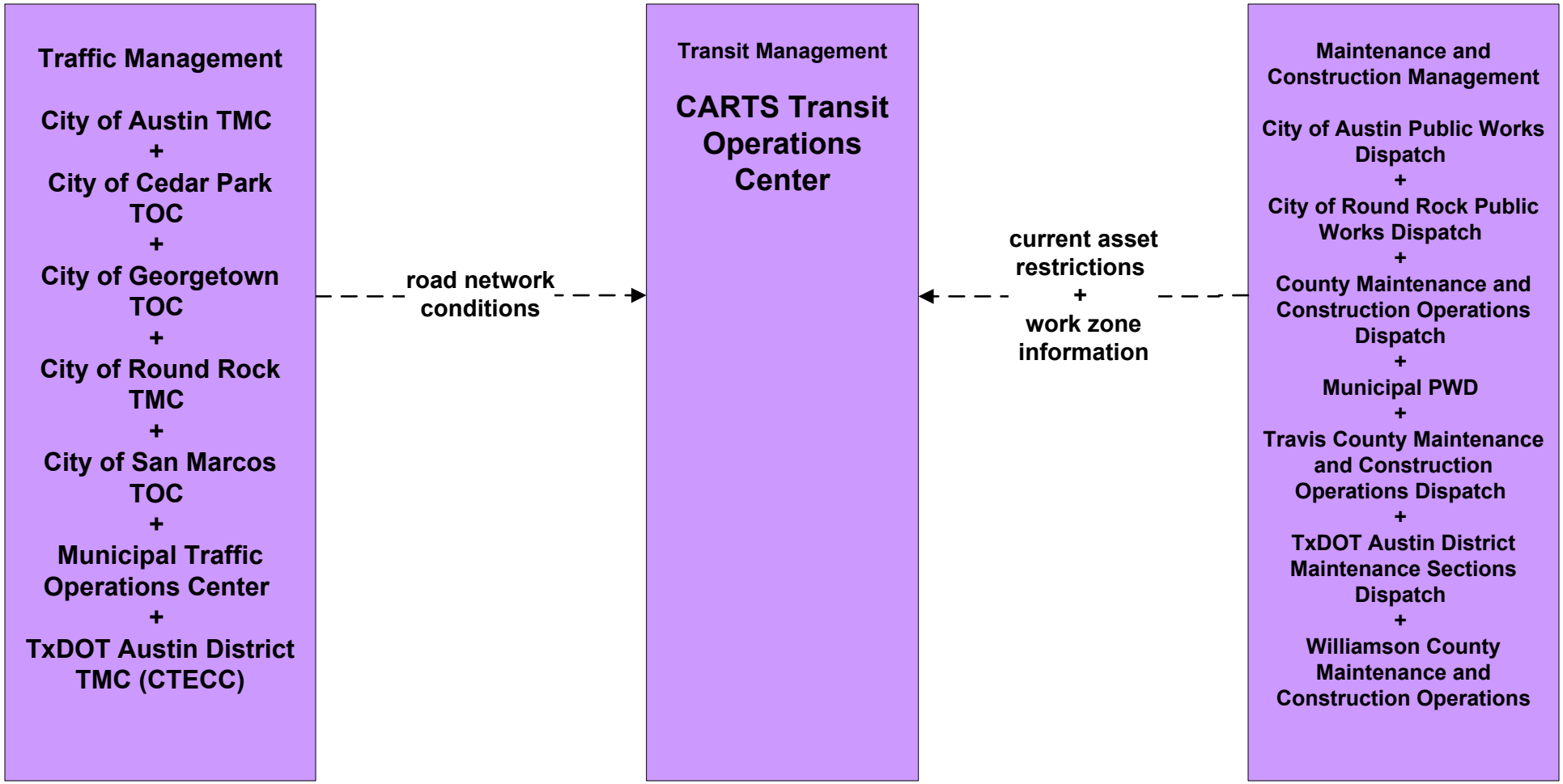
APTS2 - Transit Fixed-Route Operations
Independent School Districts

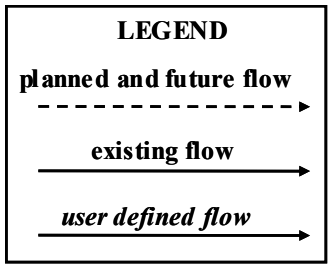


APTS3 - Demand Response Transit Operations
CapMetro STS Transit (2 of 2)

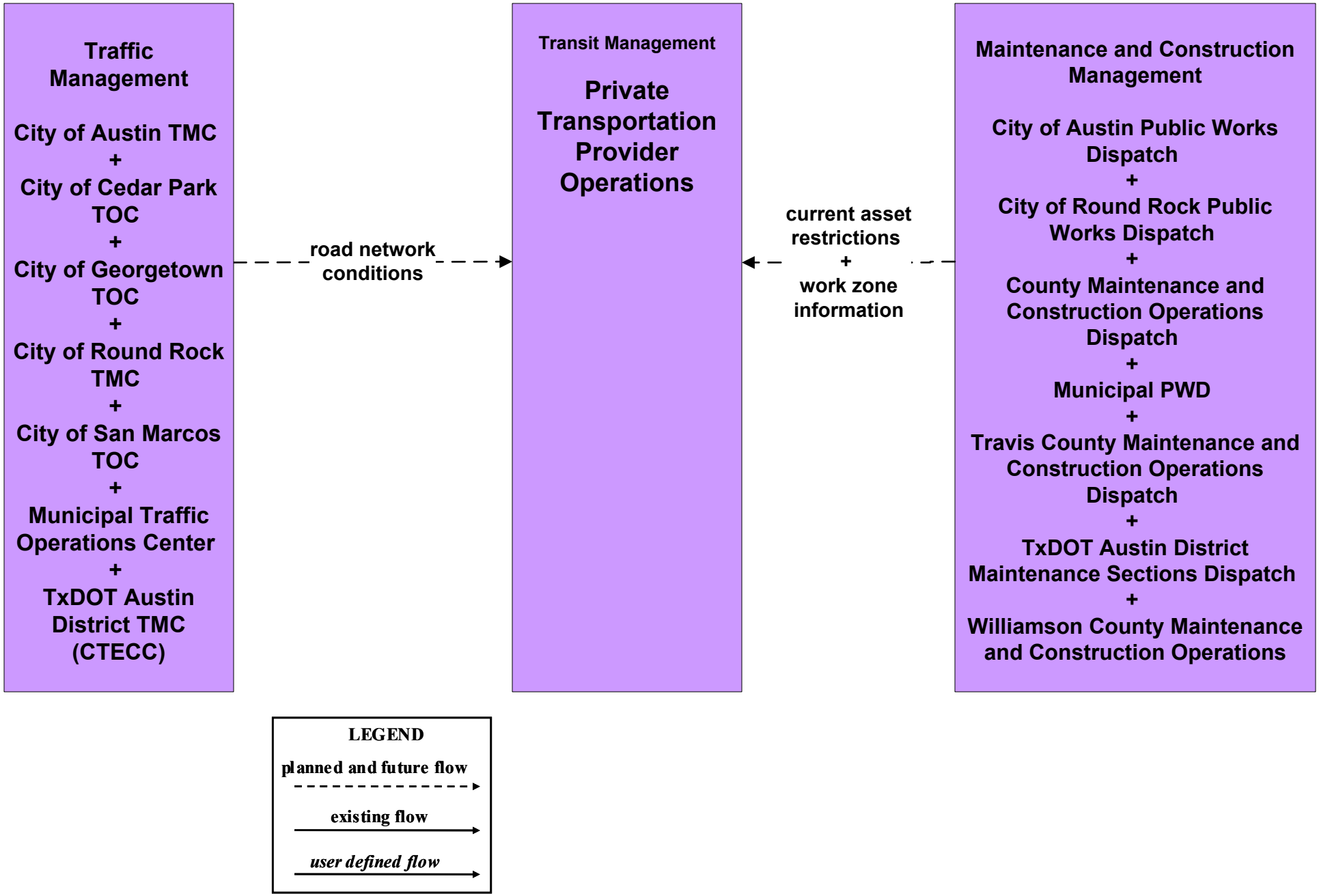


APTS3 - Demand Response Transit Operations
CARTS Transit (2 of 2)

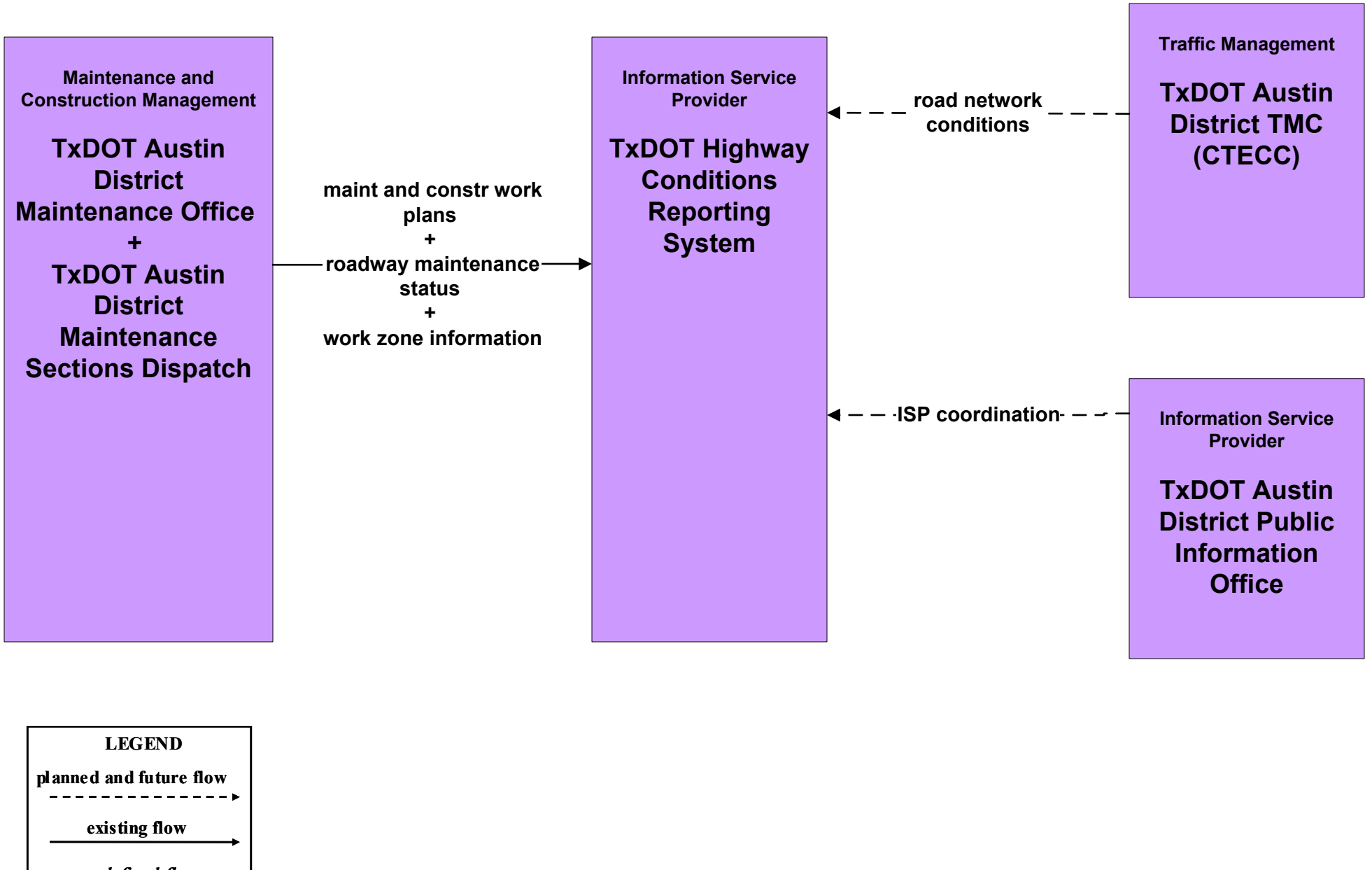




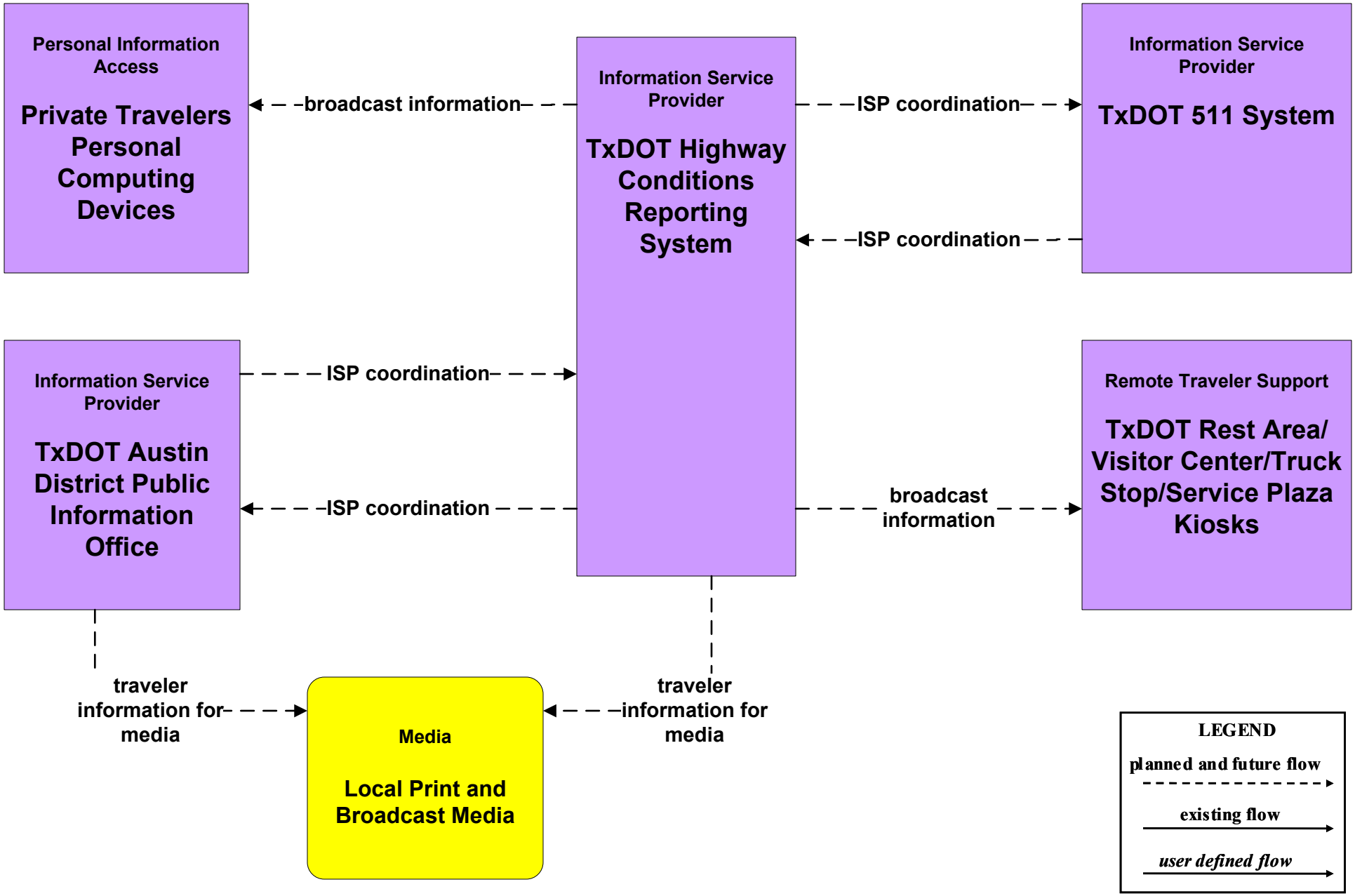
APTS3 - Demand Response
Private Transportation Operations (2 of 2)



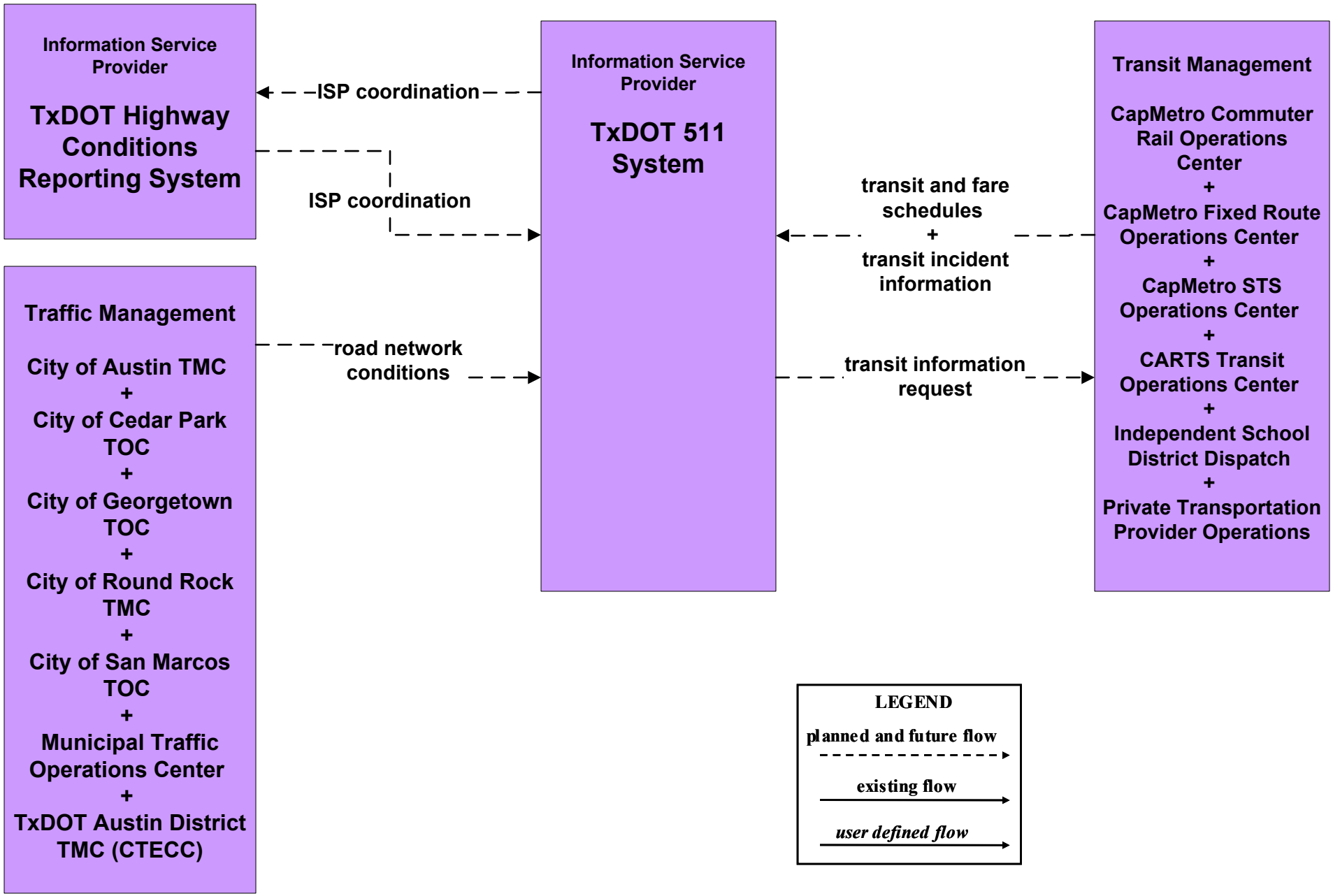
ATIS1 - Broadcast Traveler Information
TxDOT HCRS (Inputs)



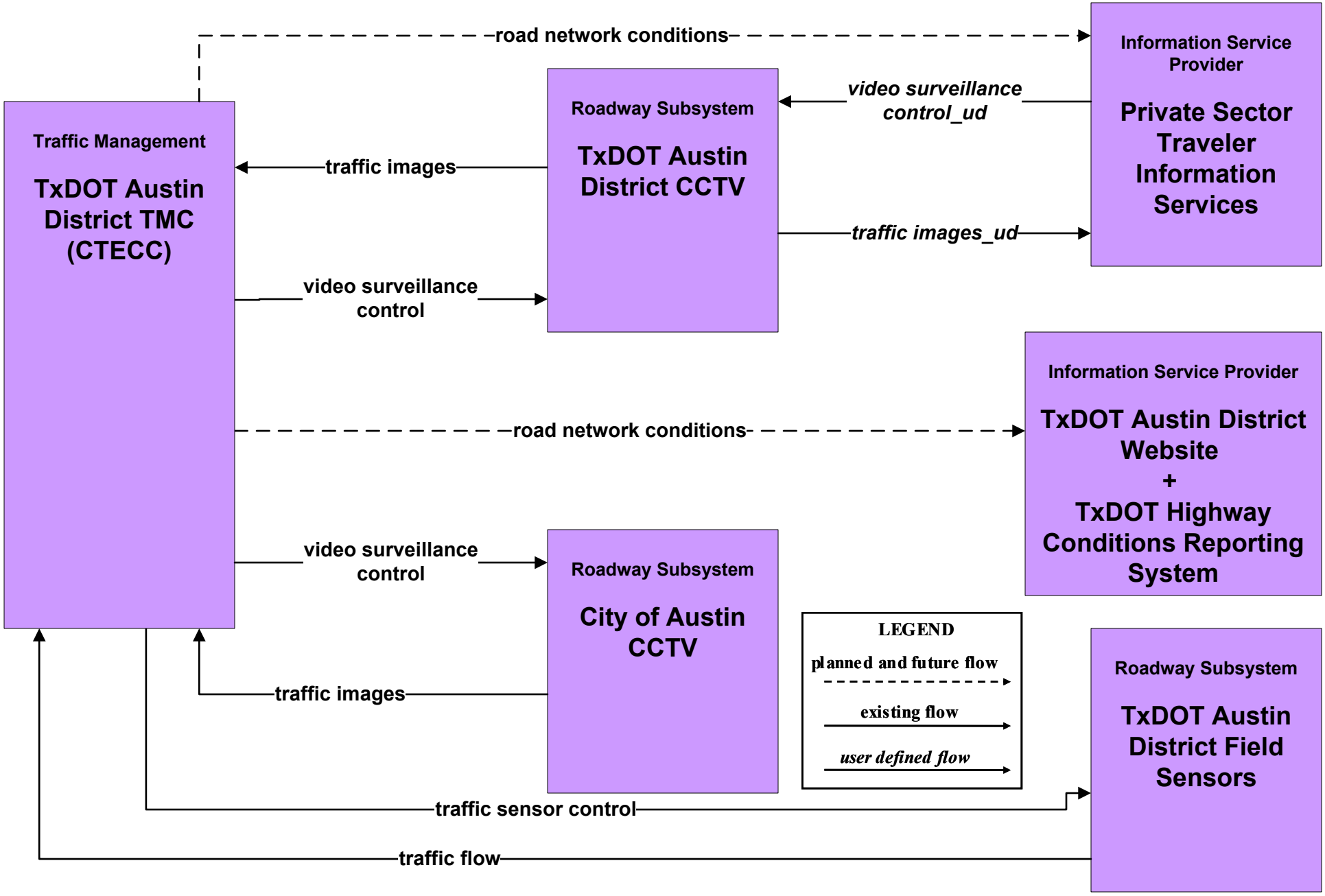
ATIS1 - Broadcast Traveler Information
TxDOT HCRS (Outputs)



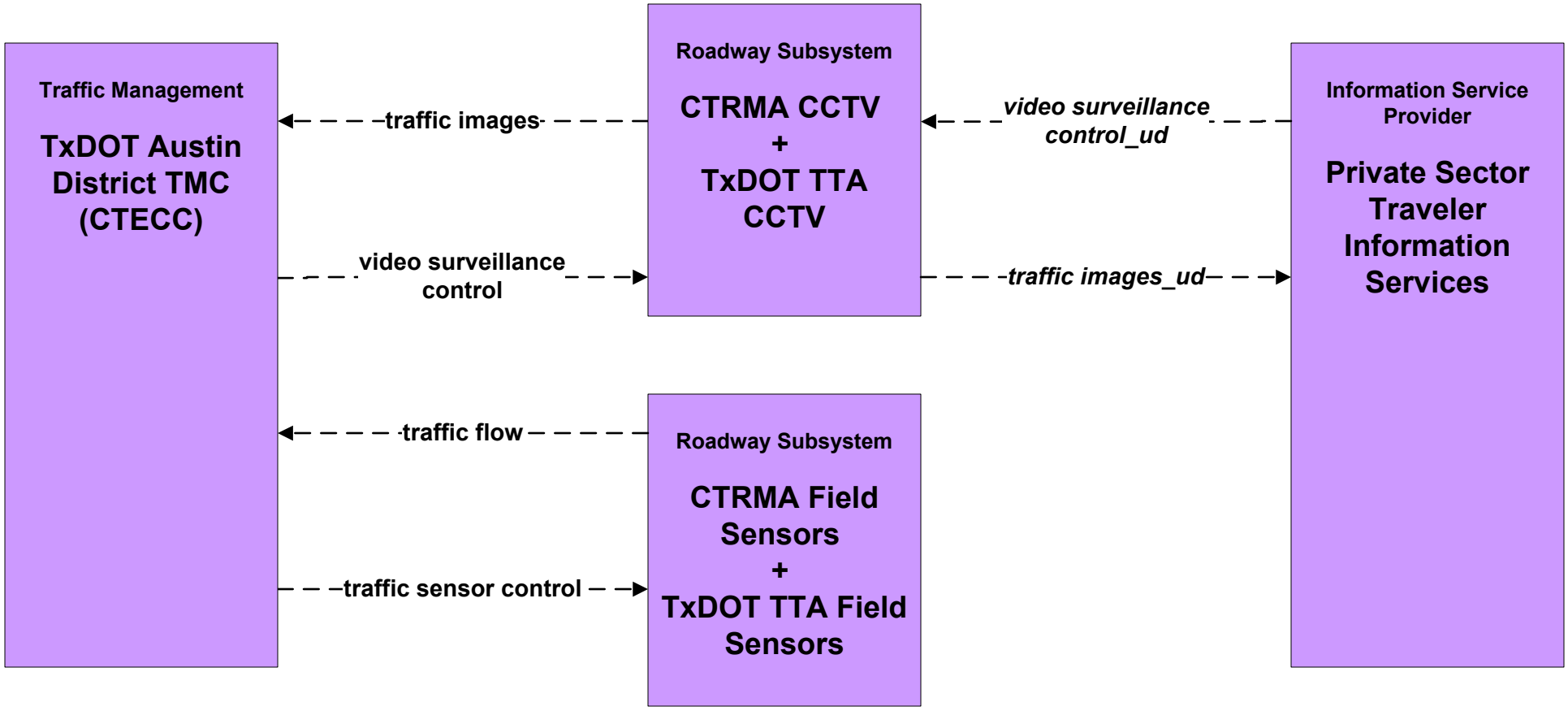
ATIS2 - Interactive Traveler Information
TxDOT 511 (1 of 2)



ATMS01 - Network Surveillance
TxDOT Austin District TMC (CTECC) (1 of 2)



ATMS01 - Network Surveillance
TxDOT Austin District TMC (CTECC) (2 of 2)



LEGEND

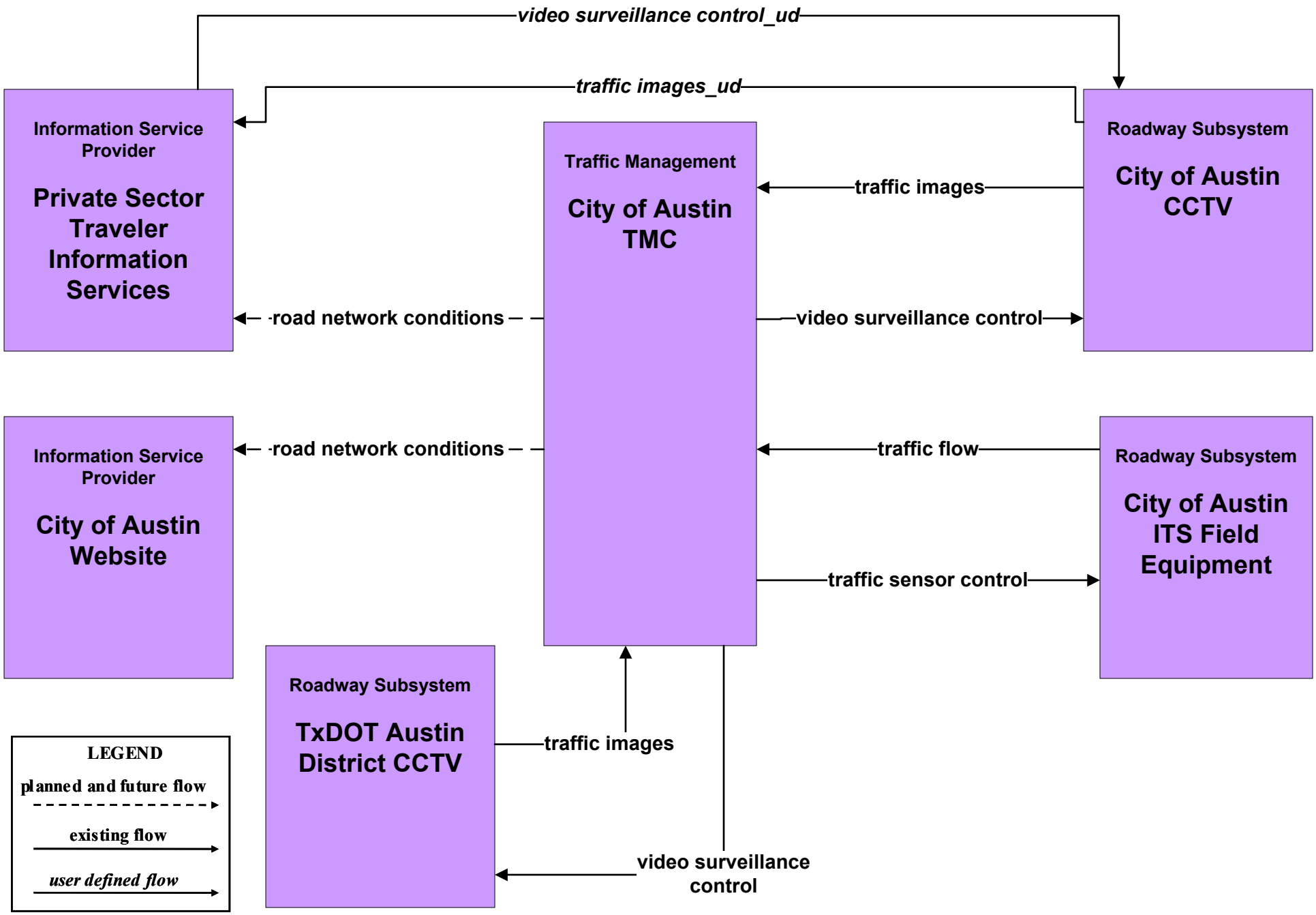
planned and future flow

existing flow

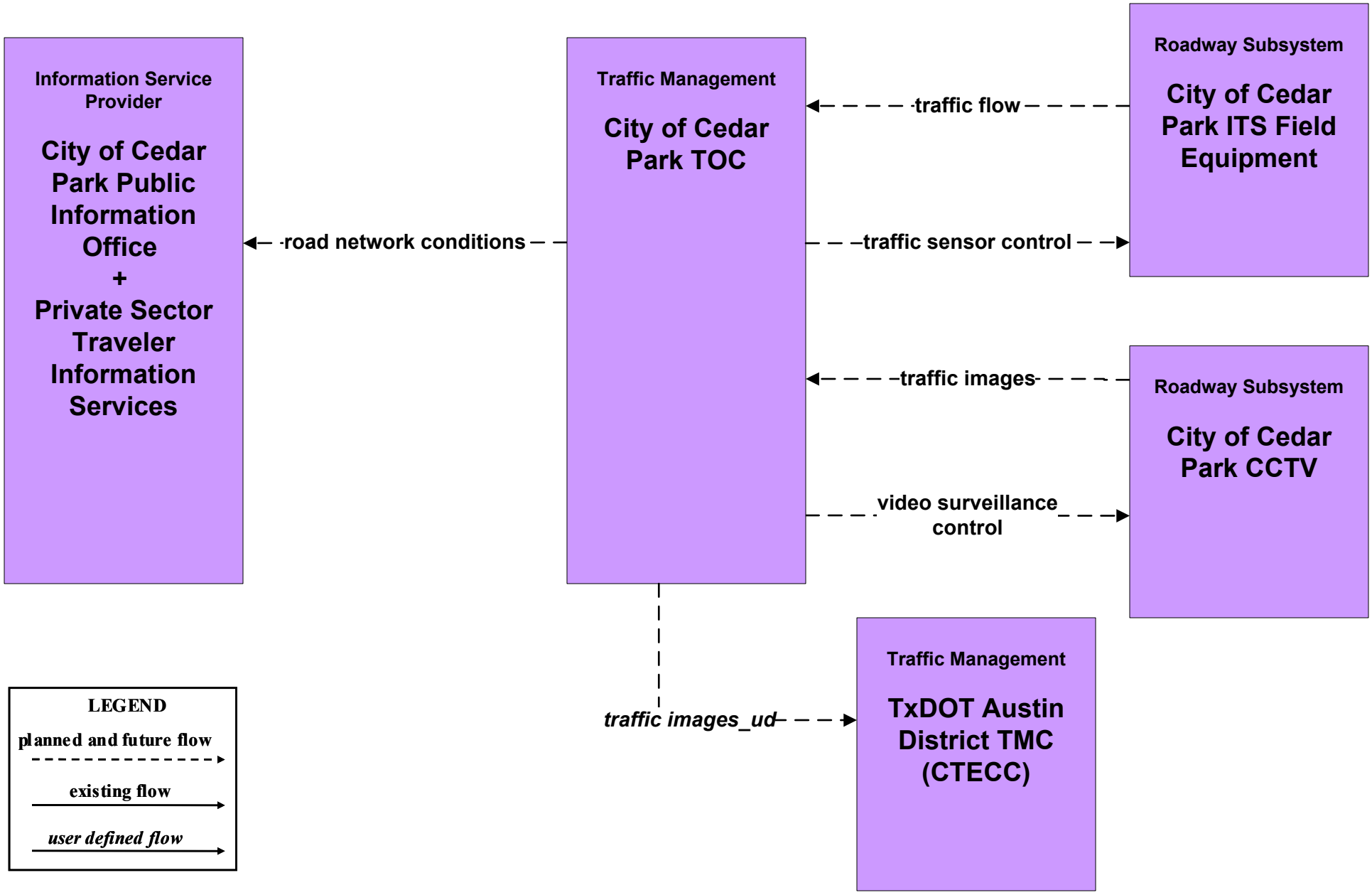
user defined flow

TxDOT will control CTRMA and TTA CCTV and field sensors

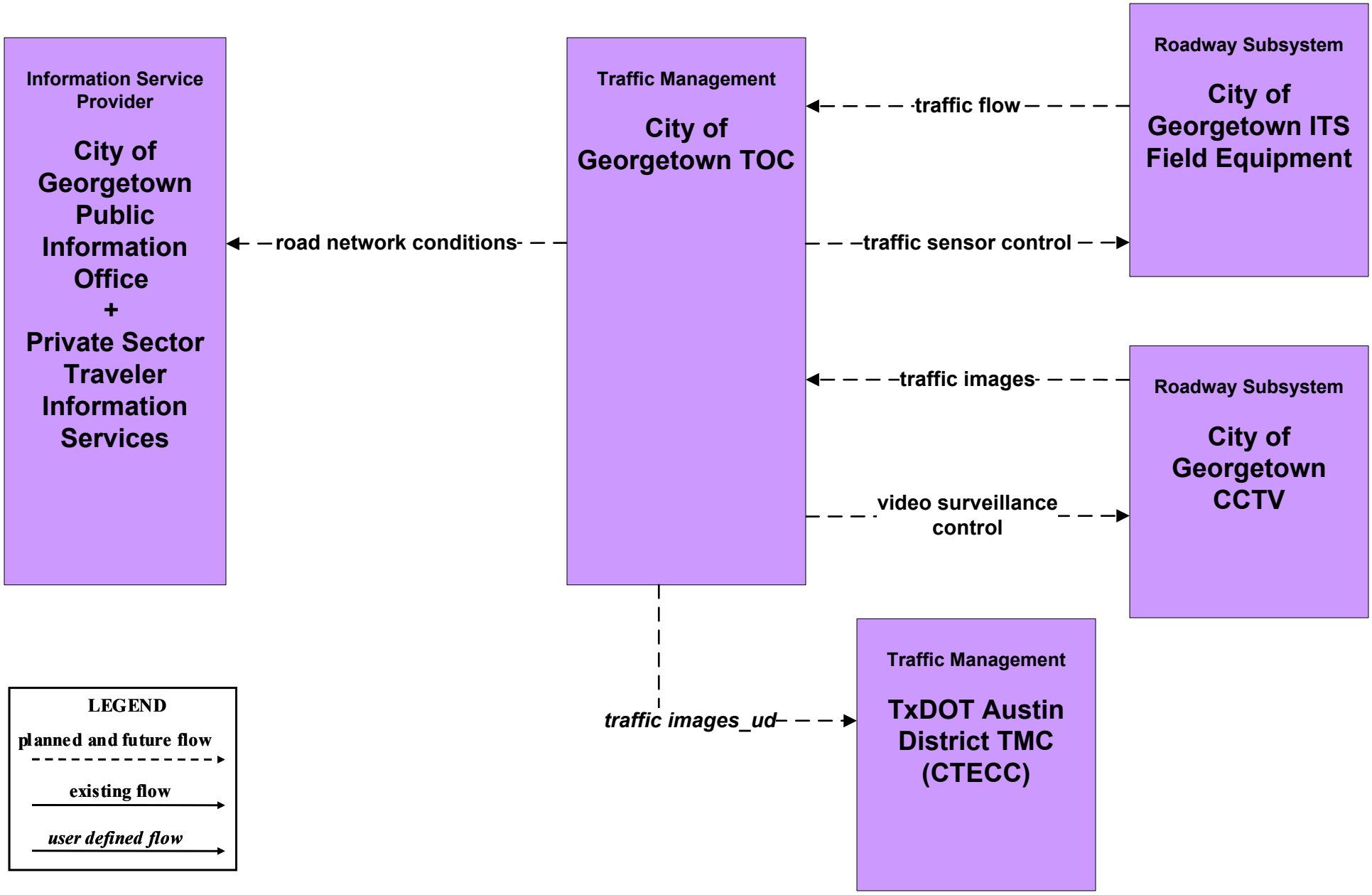
ATMS01 - Network Surveillance
City of Austin Traffic Management Center



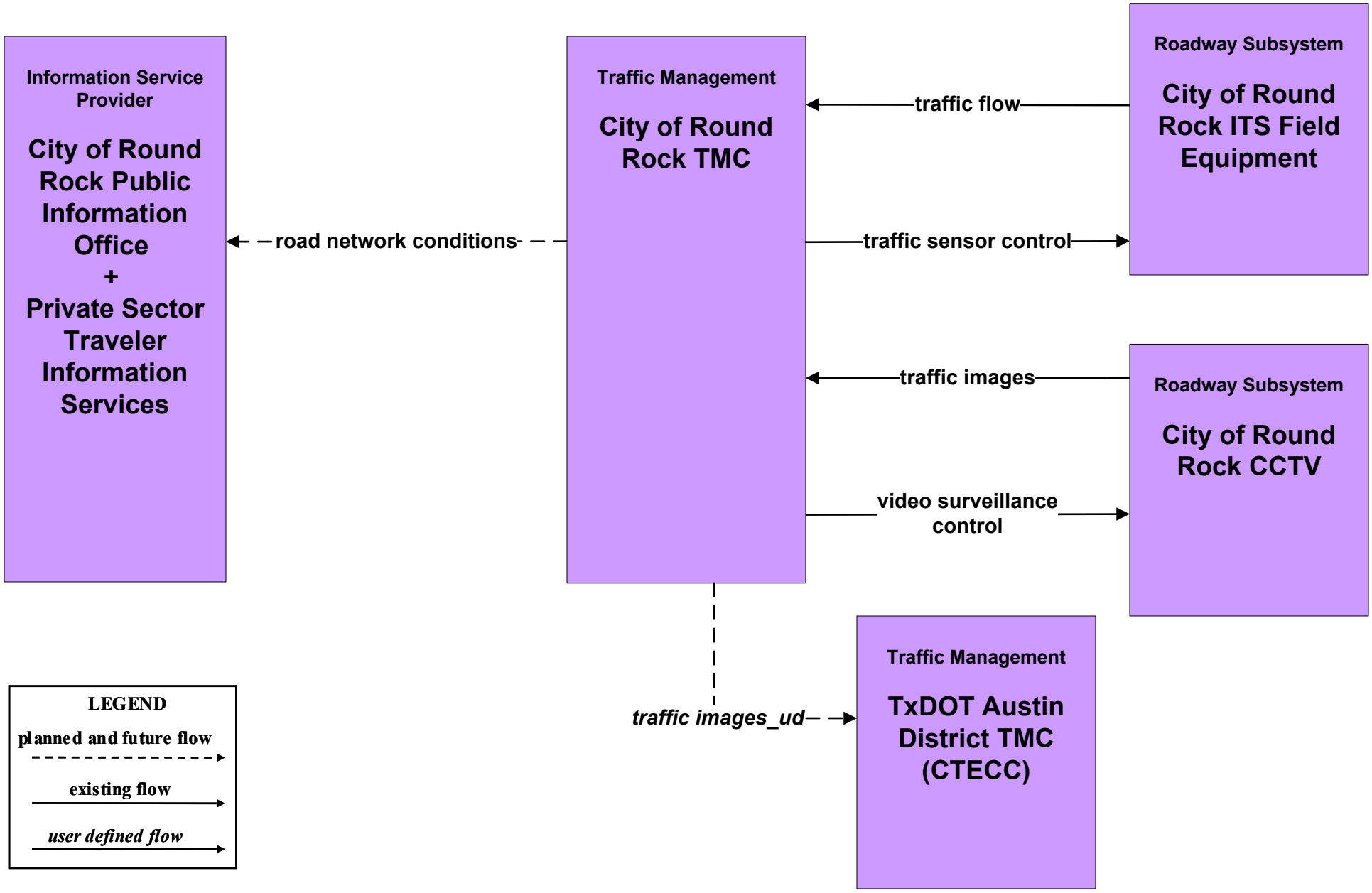
ATMS01 - Network Surveillance
City of Cedar Park Traffic Management Center



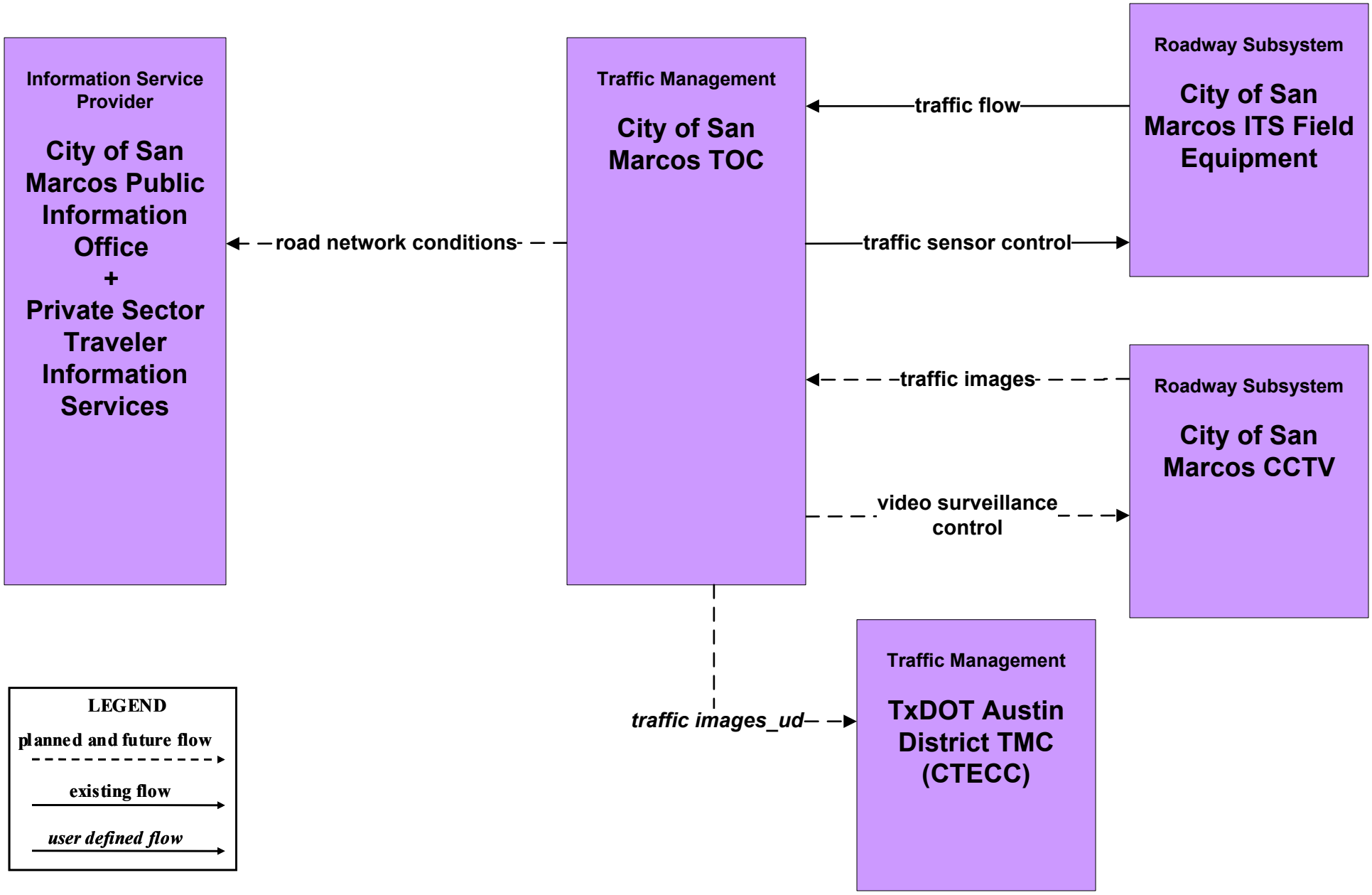
ATMS01 - Network Surveillance
City of Georgetown Traffic Management Center



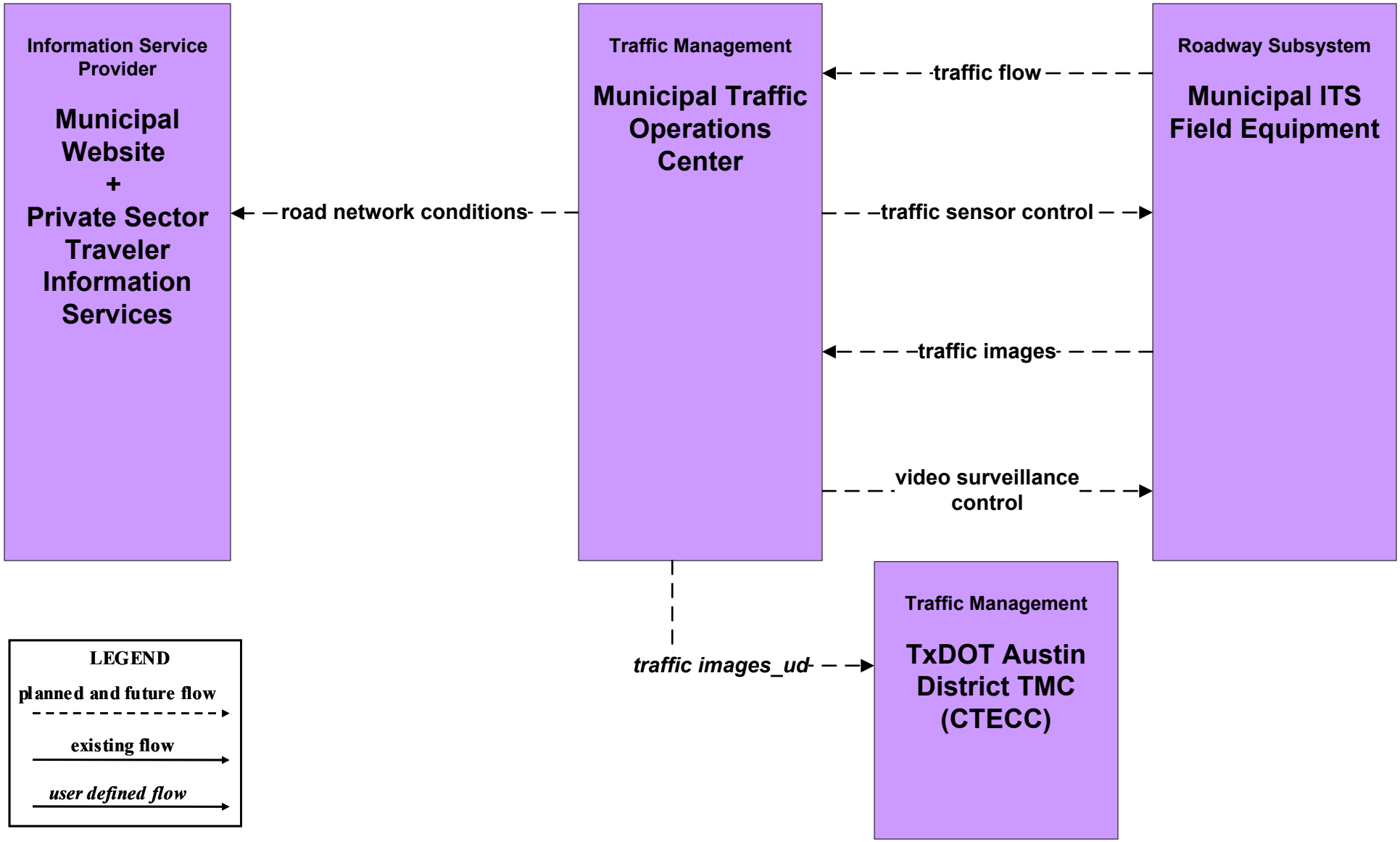
ATMS01 - Network Surveillance
City of Round Rock Traffic Management Center



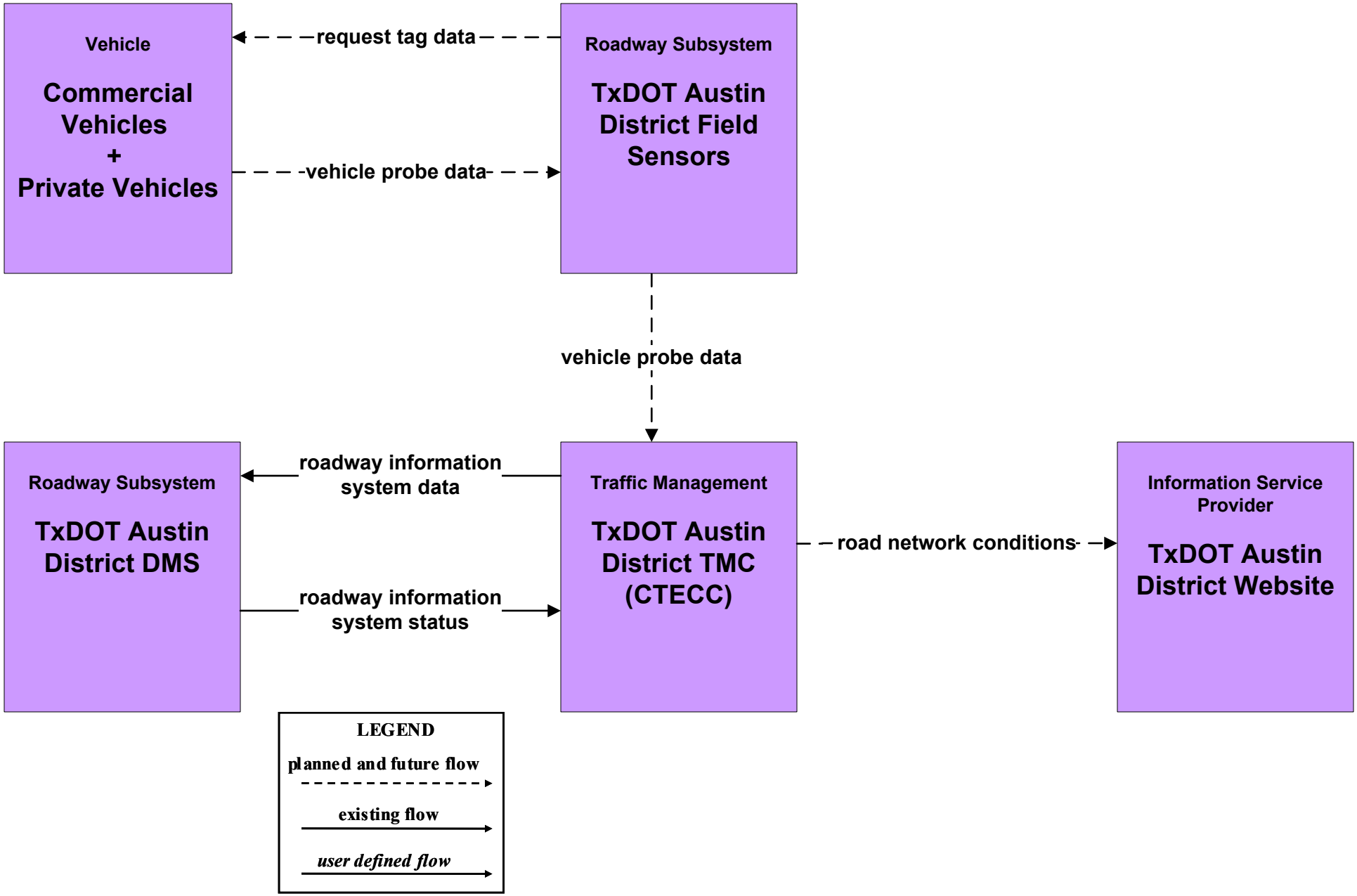
ATMS01 - Network Surveillance
City of San Marcos Rock Traffic Management Center



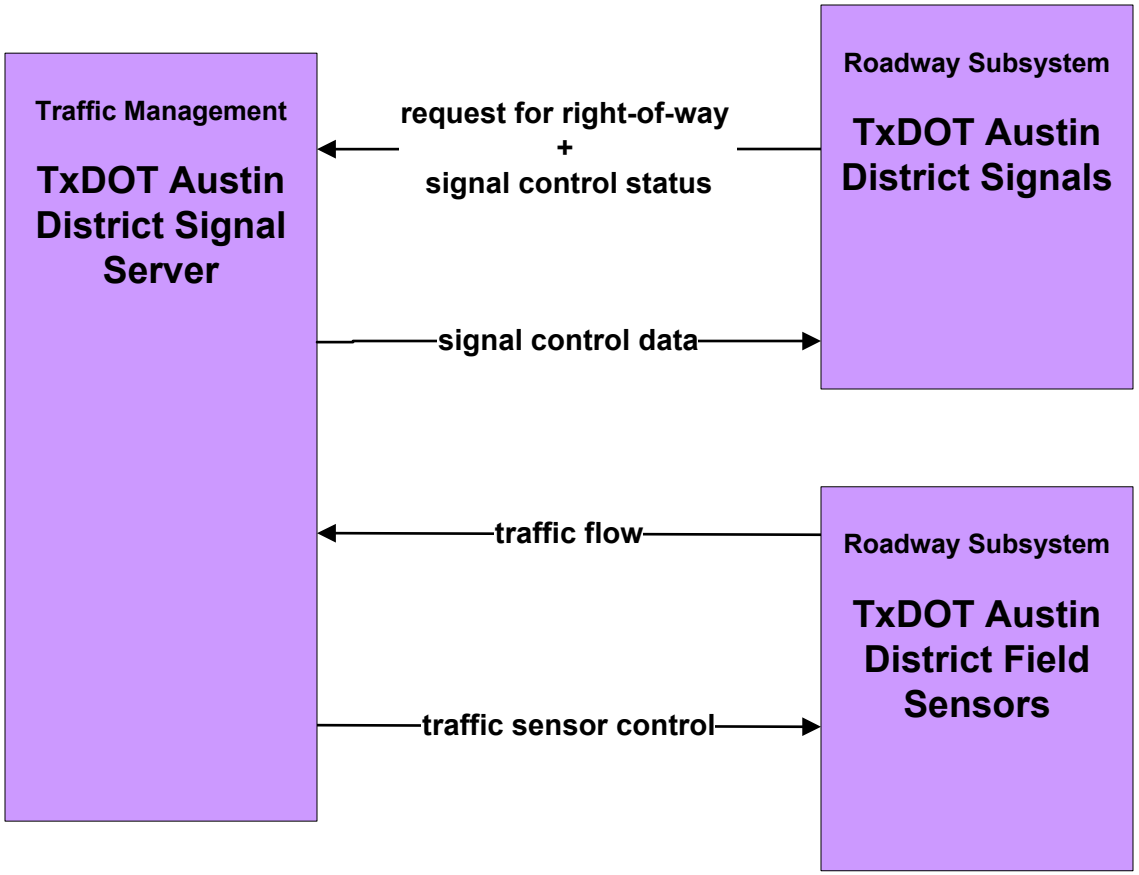
ATMS01 - Network Surveillance
Municipal Traffic Operations Center



ATMS02 - Probe Surveillance
TxDOT Austin District TMC (CTECC)



ATMS03 - Surface Street Control
TxDOT Austin District Signal Server



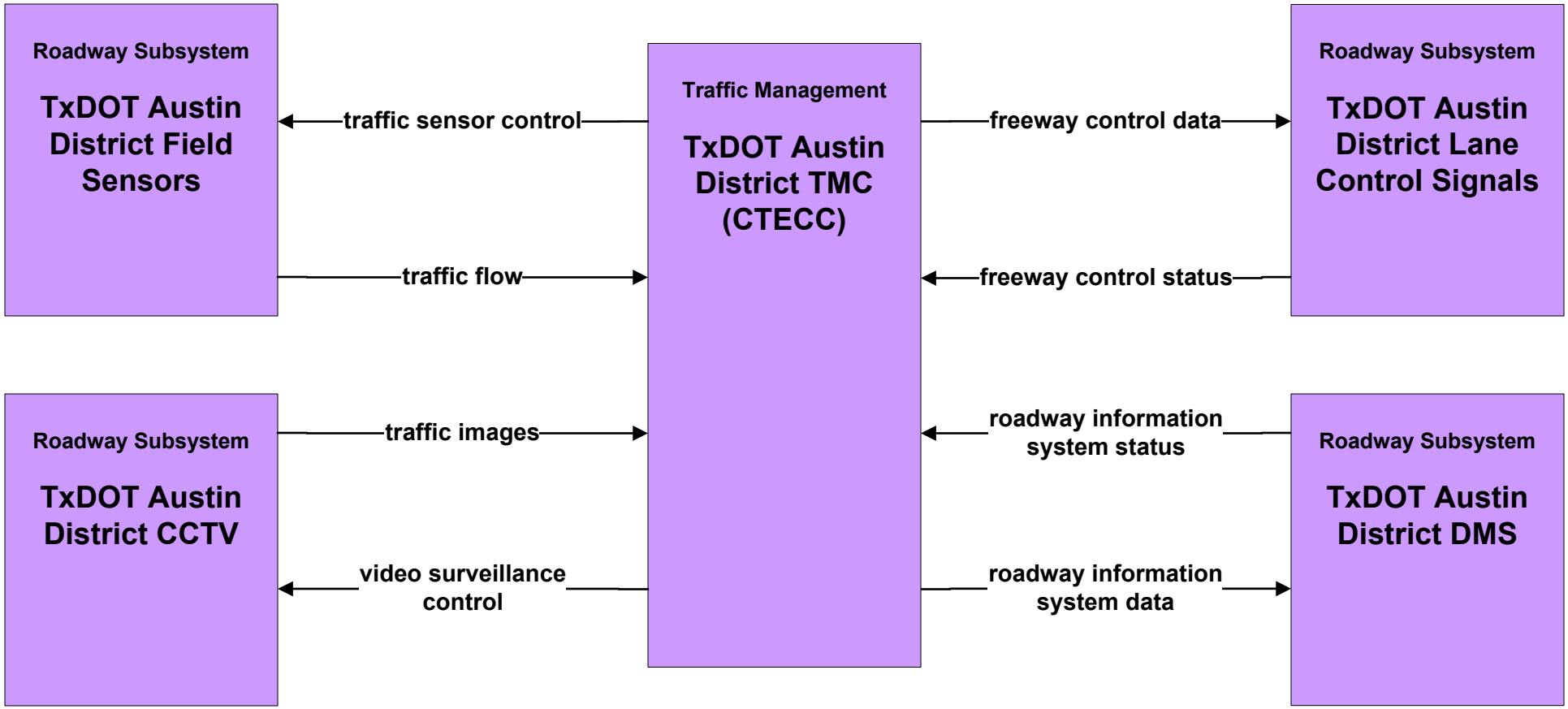
LEGEND

planned and future flow

existing flow

user defined flow

ATMS04 - Freeway Control
TxDOT Austin District TMC (CTECC)



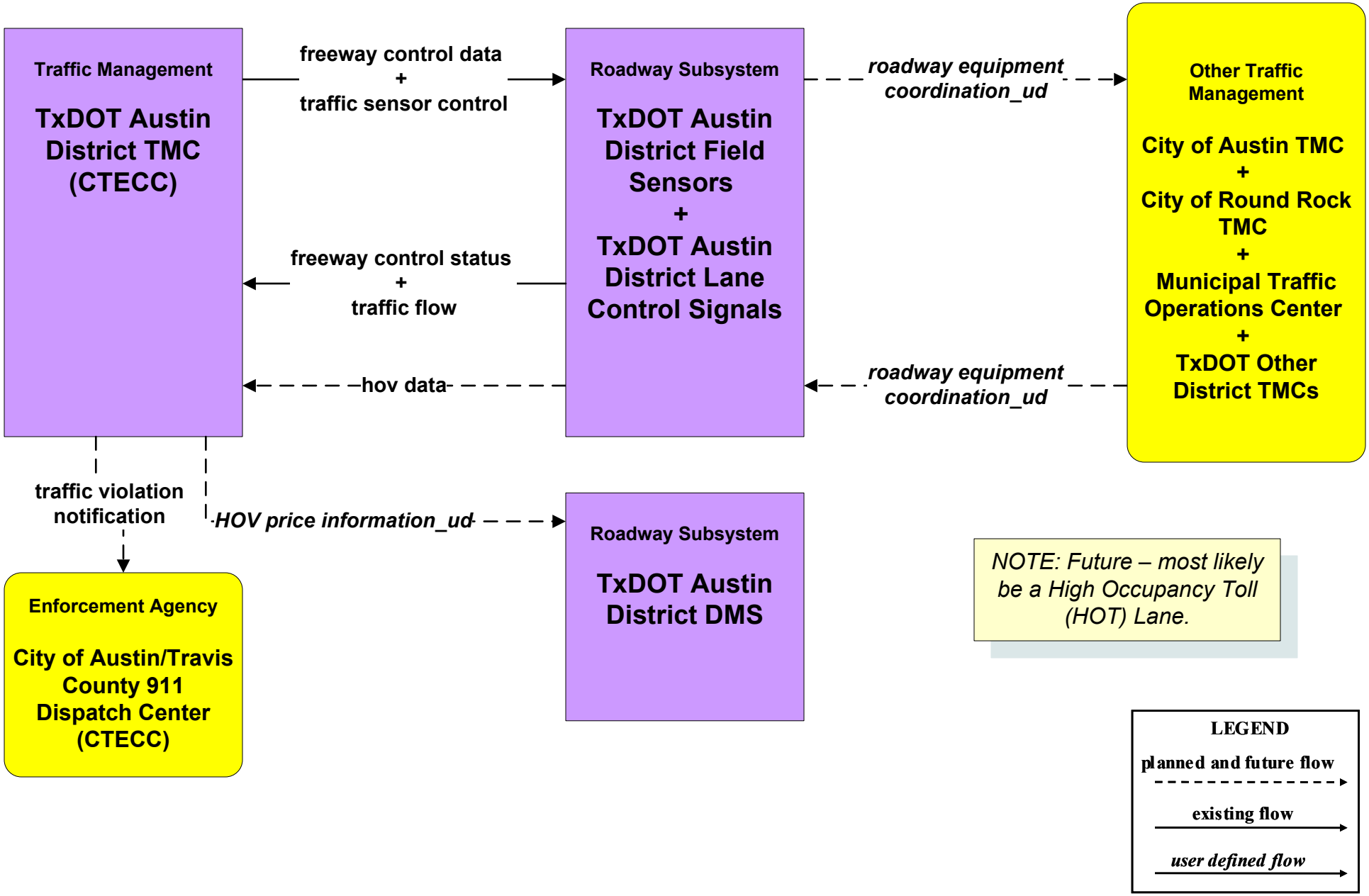
LEGEND

planned and future flow

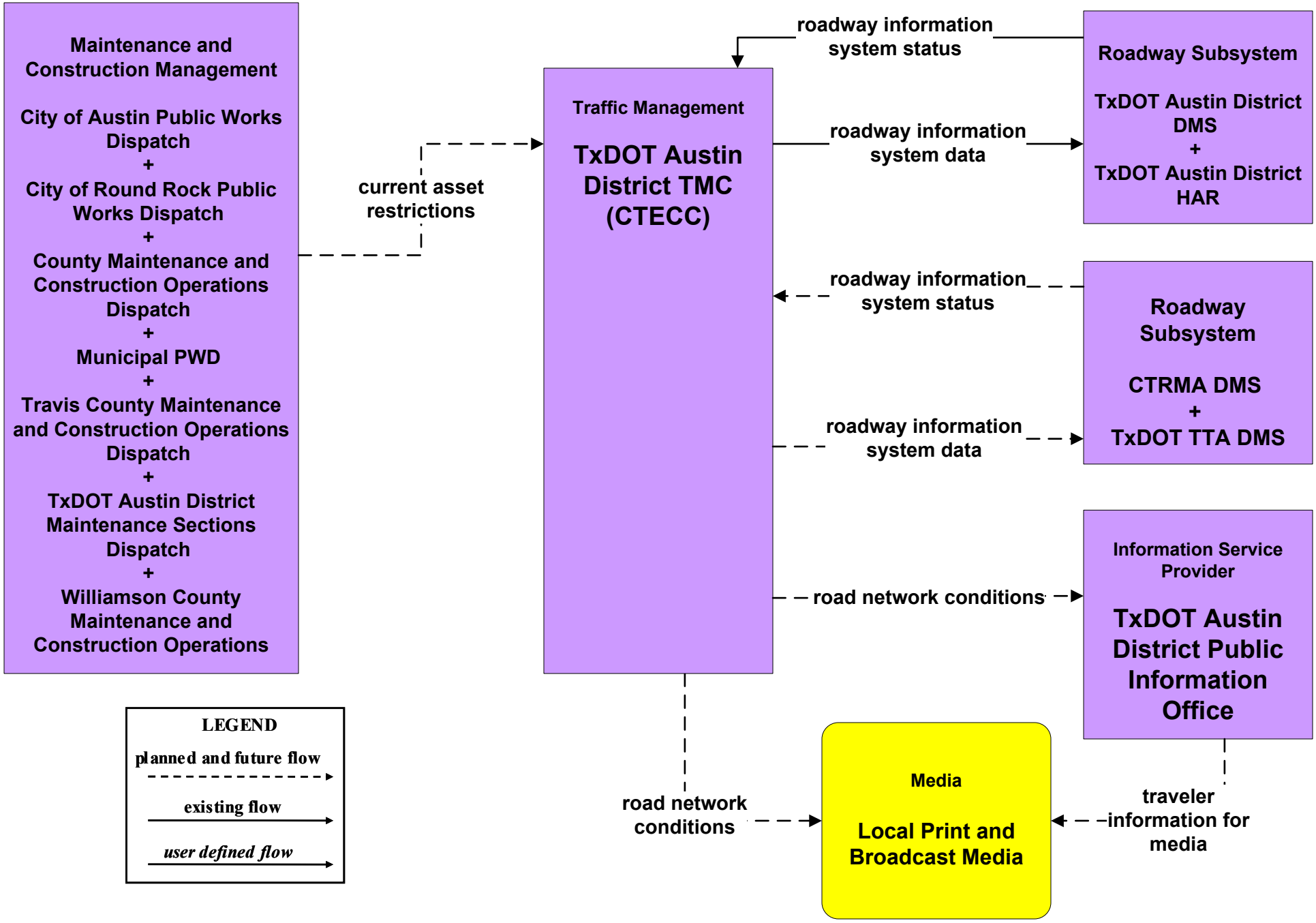
existing flow

user defined flow

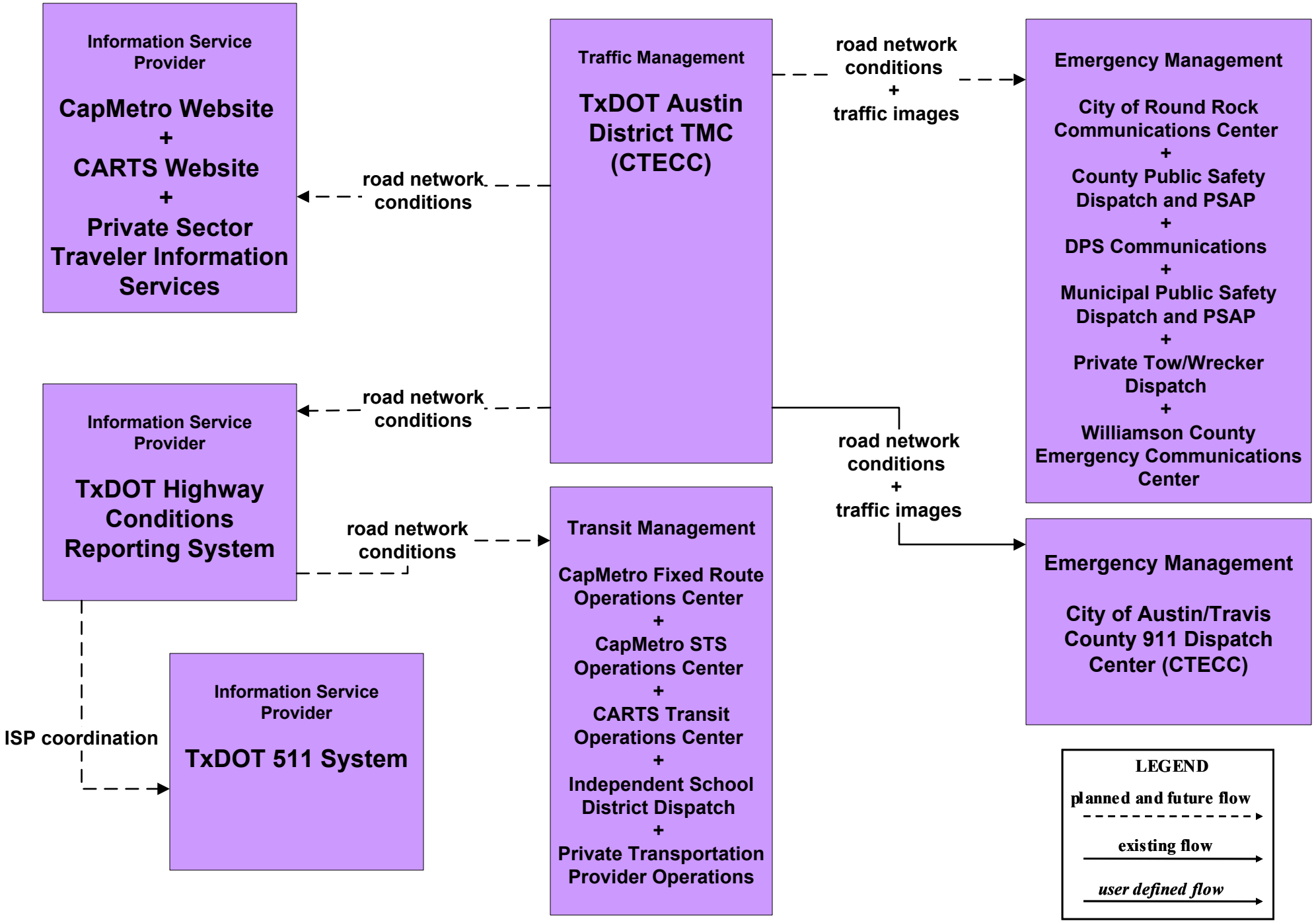
ATMS05 - HOV Lane Management
TxDOT Austin District TMC (CTECC)



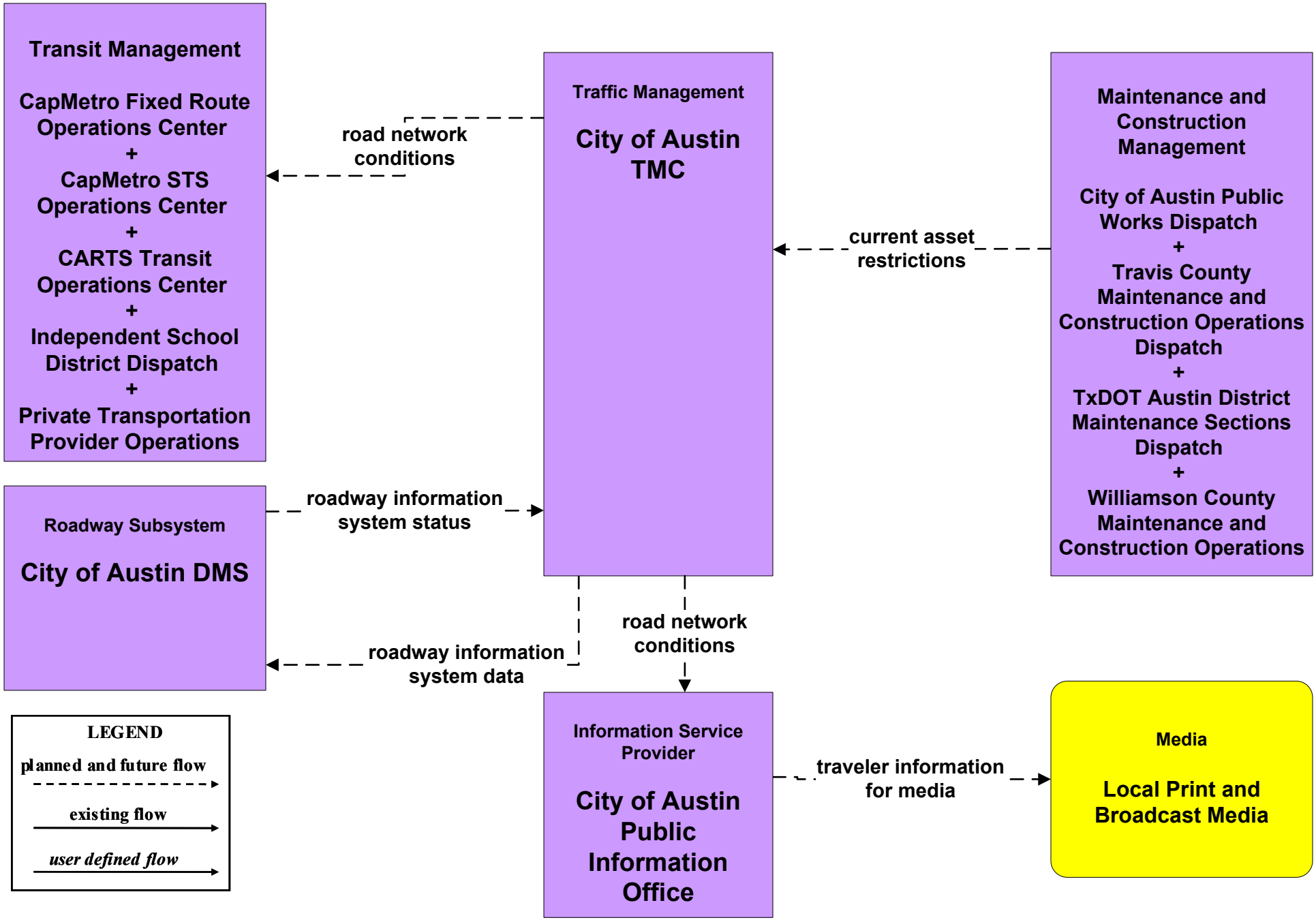
ATMS06 - Traffic Information Dissemination
TxDOT Austin District TMC (CTECC) (1 of 2)



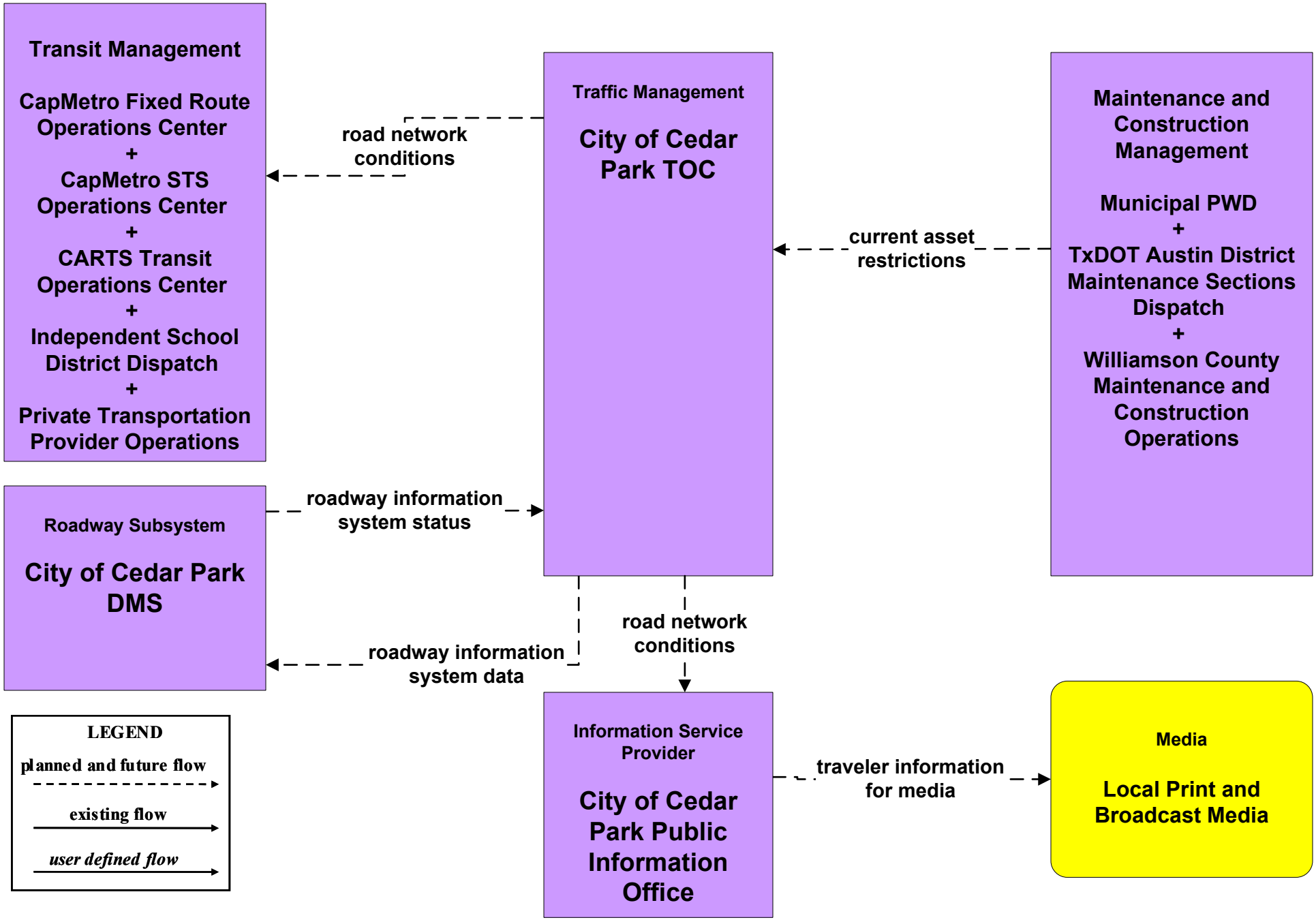
ATMS06 - Traffic Information Dissemination
TxDOT Austin District TMC (CTECC) (2 of 2)



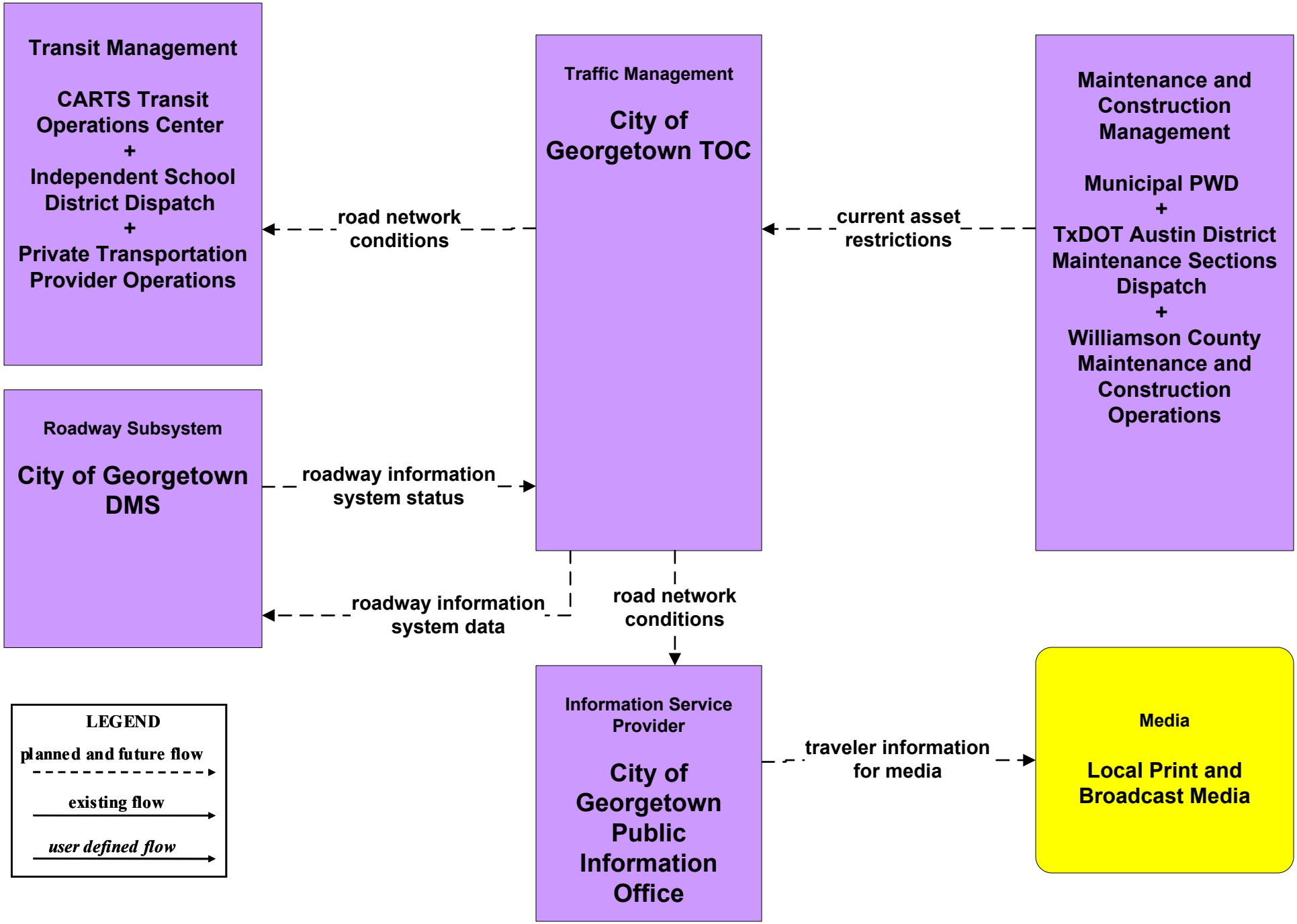
ATMS06 - Traffic Information Dissemination
City of Austin Traffic Management Center (1 of 2)



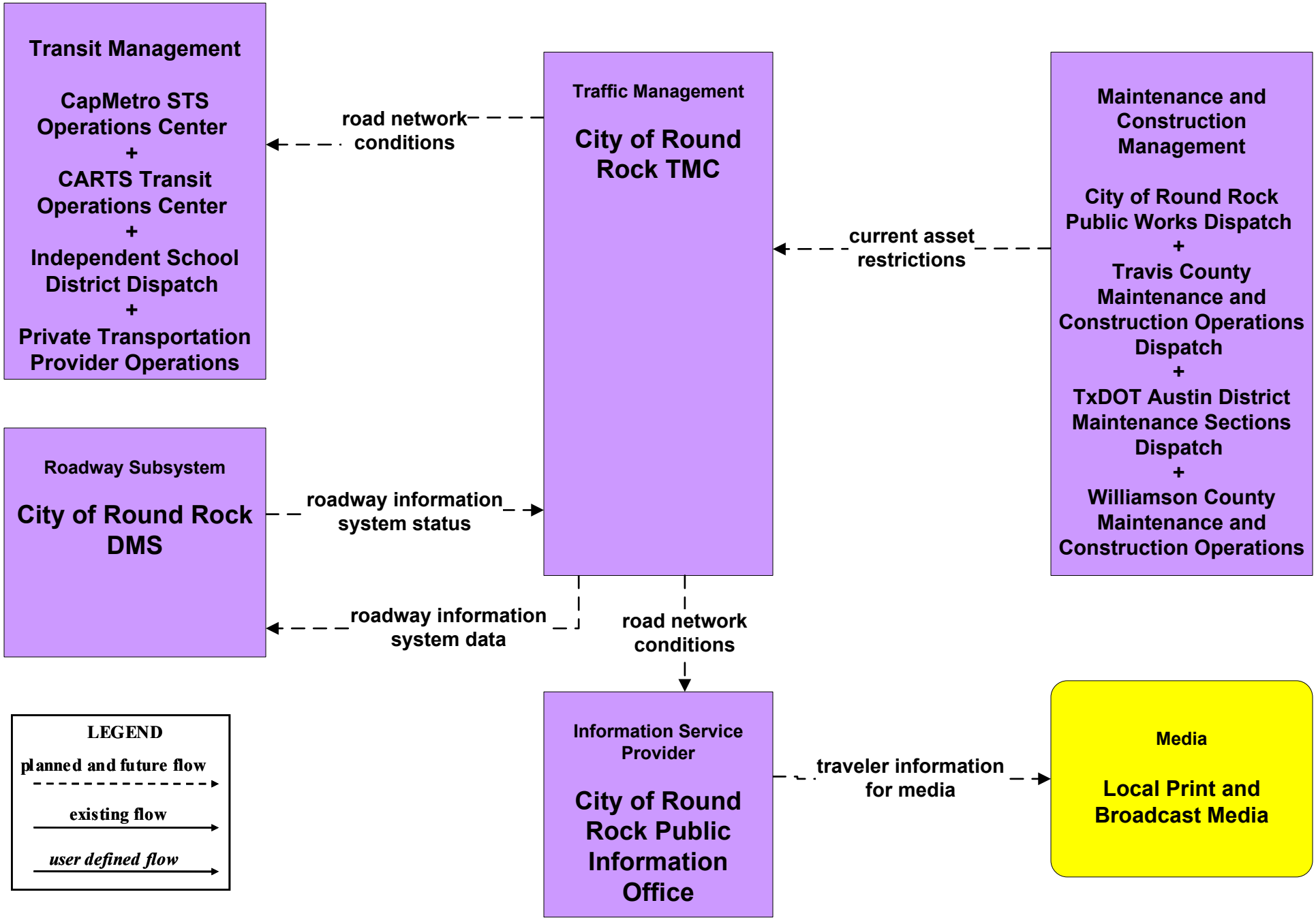
ATMS06 - Traffic Information Dissemination
City of Cedar Park Traffic Operations Center (1 of 2)



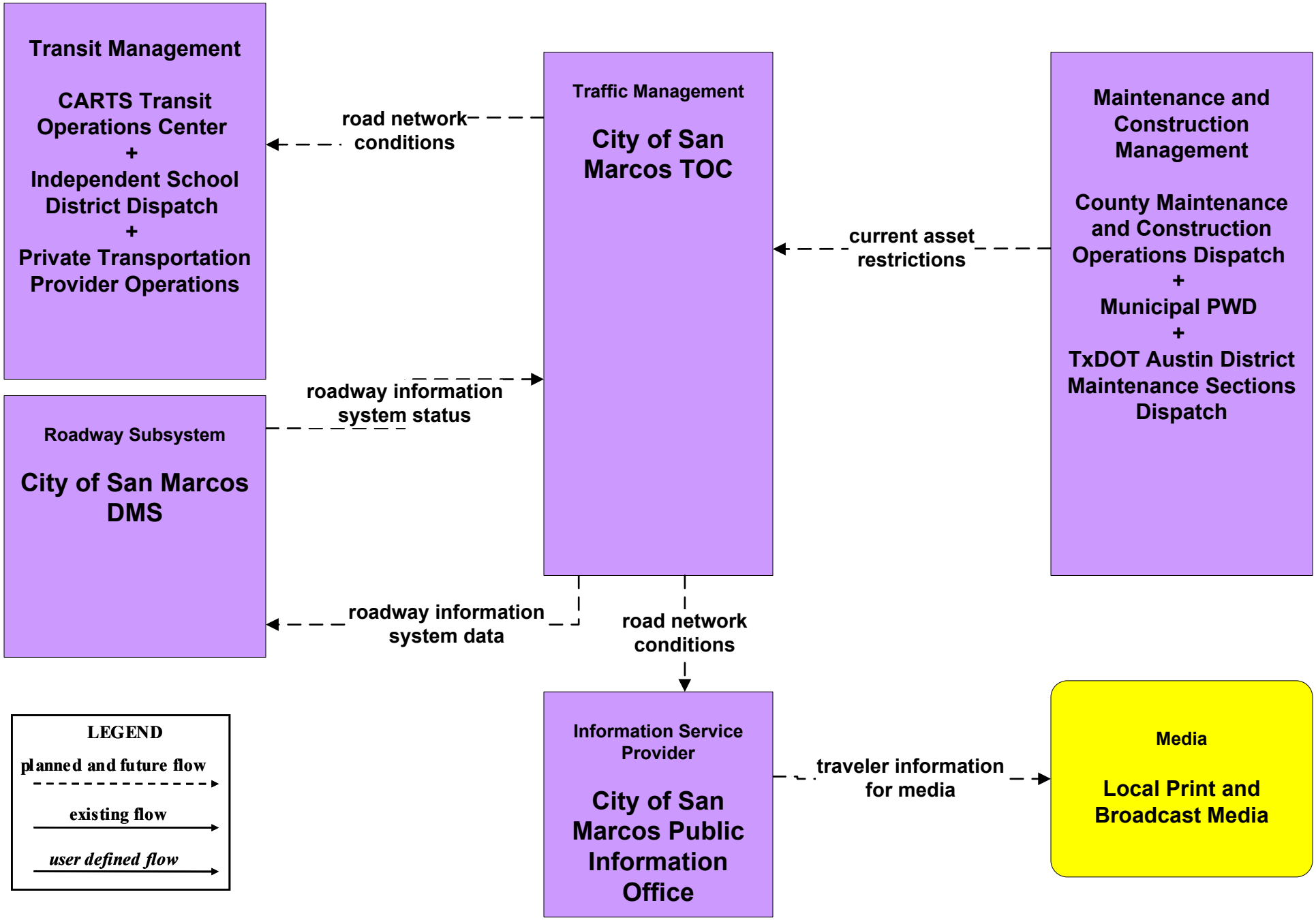
ATMS06 - Traffic Information Dissemination
City of Georgetown Traffic Operations Center (1 of 2)



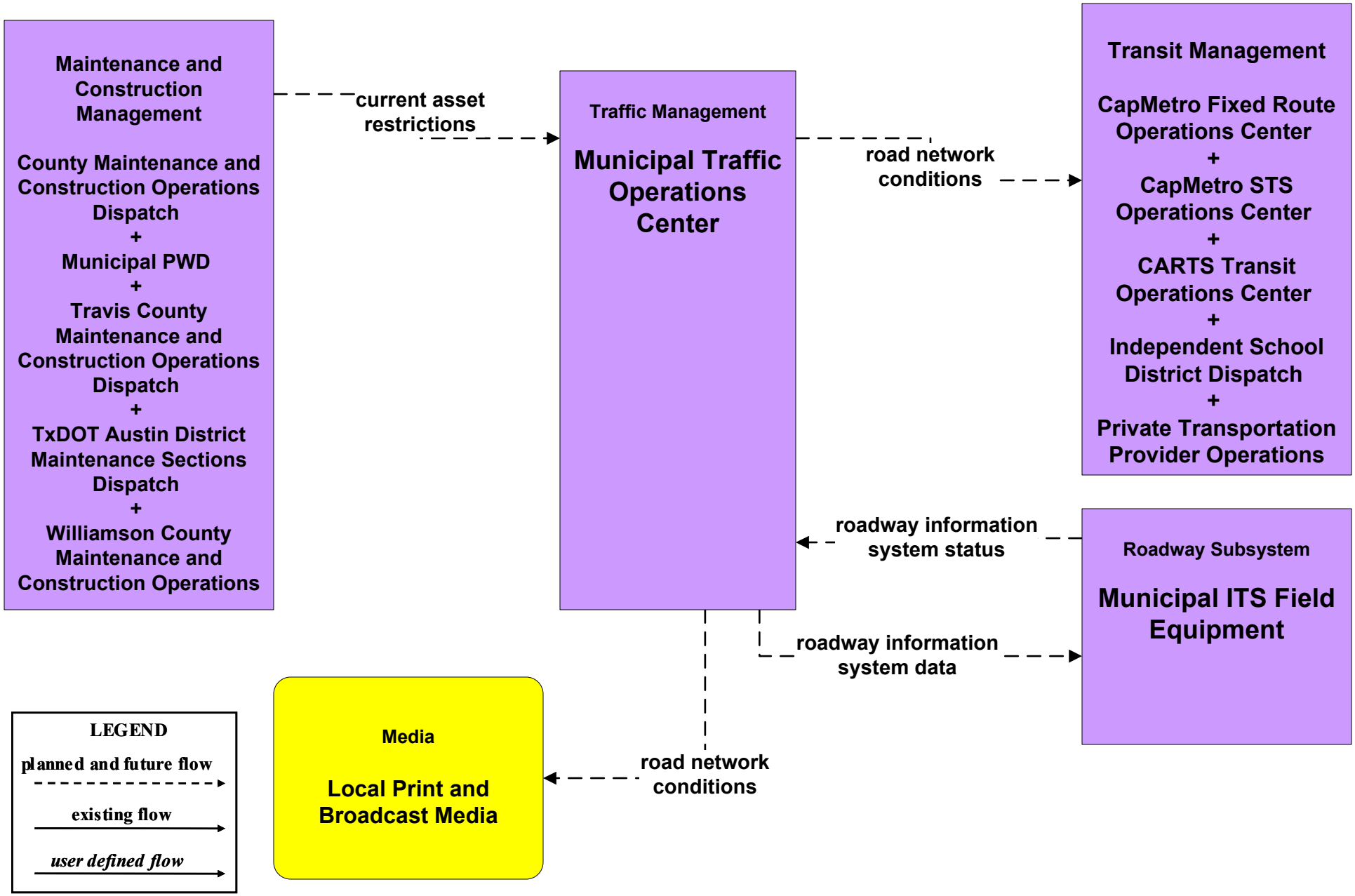
ATMS06 - Traffic Information Dissemination
City of Round Rock Traffic Management Center (1 of 2)



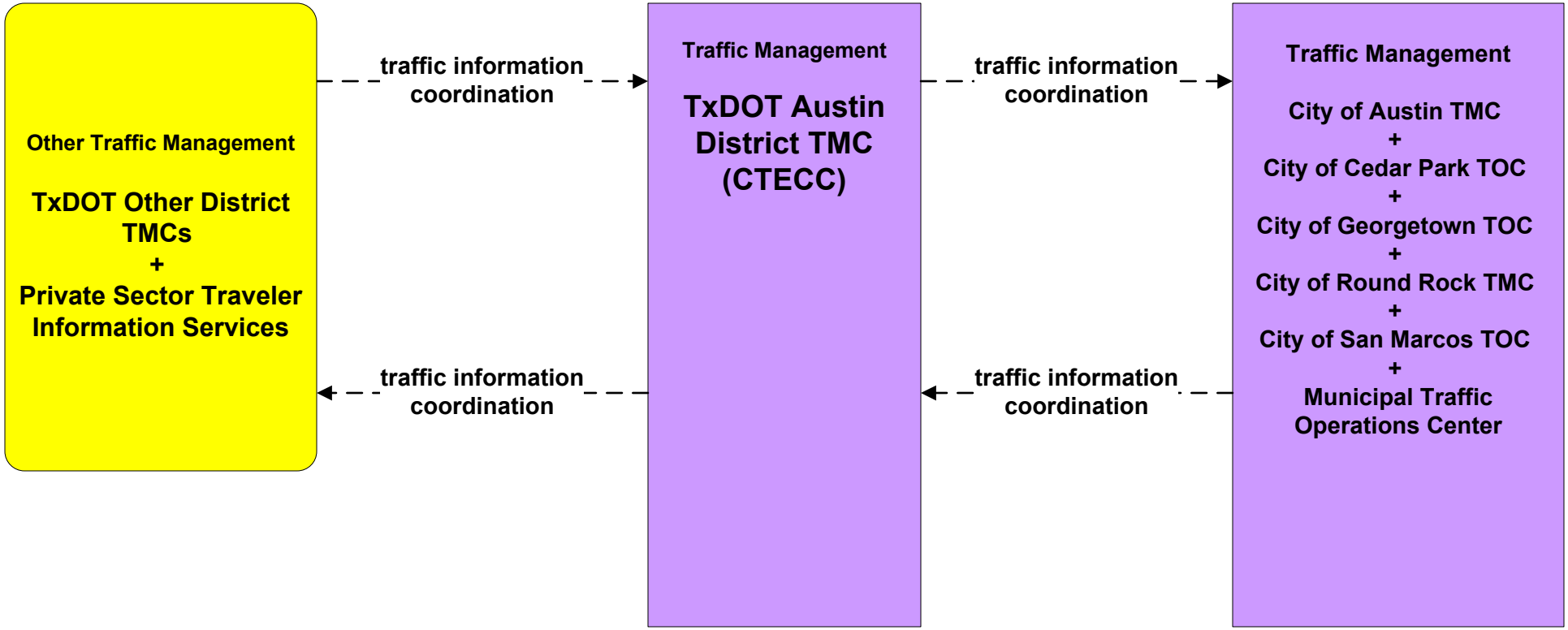
ATMS06 - Traffic Information Dissemination
City of San Marcos Traffic Operations Center (1 of 2)

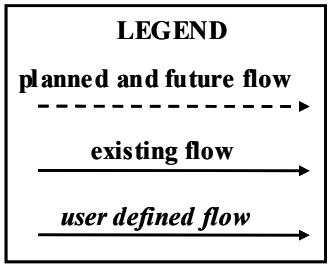


ATMS06 - Traffic Information Dissemination
Municipal Traffic Operations Center (1 of 2)

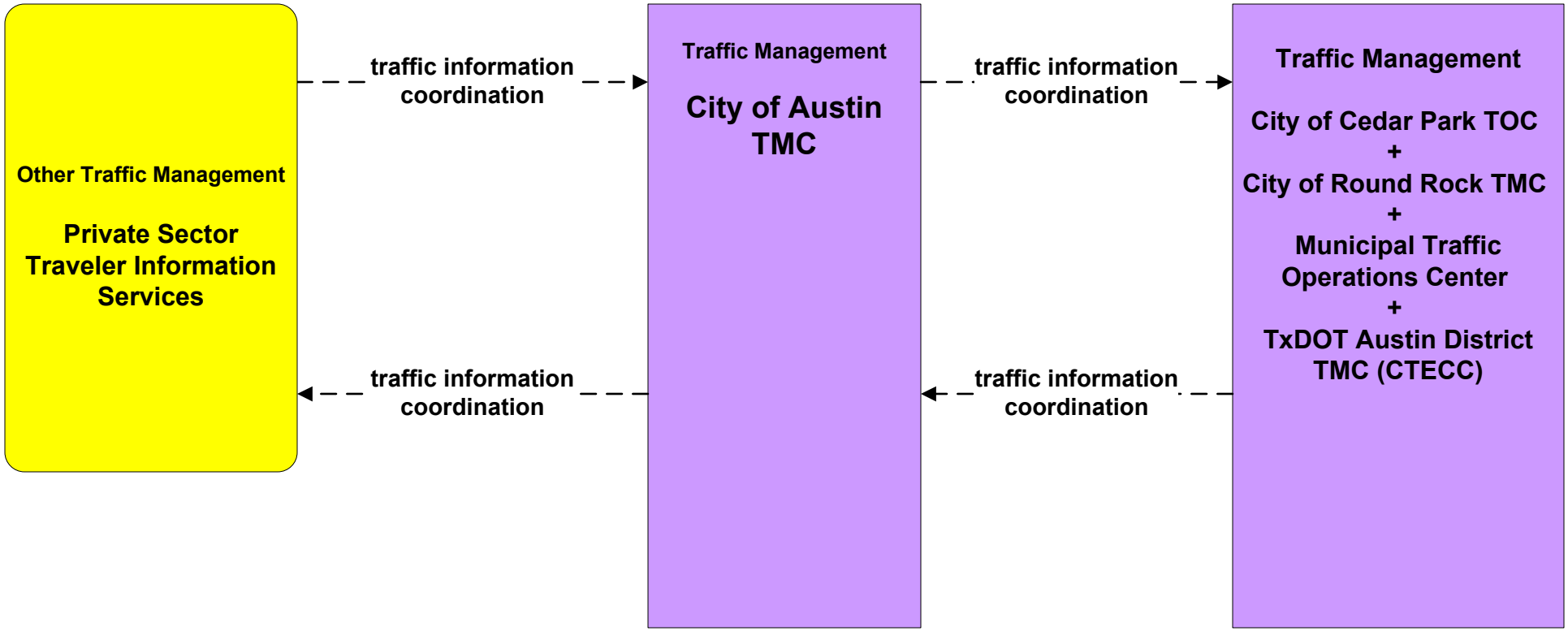


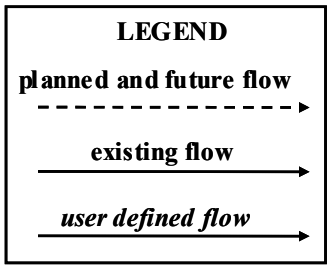
ATMS07 - Regional Traffic Control
TxDOT Austin District TMC (CTECC)



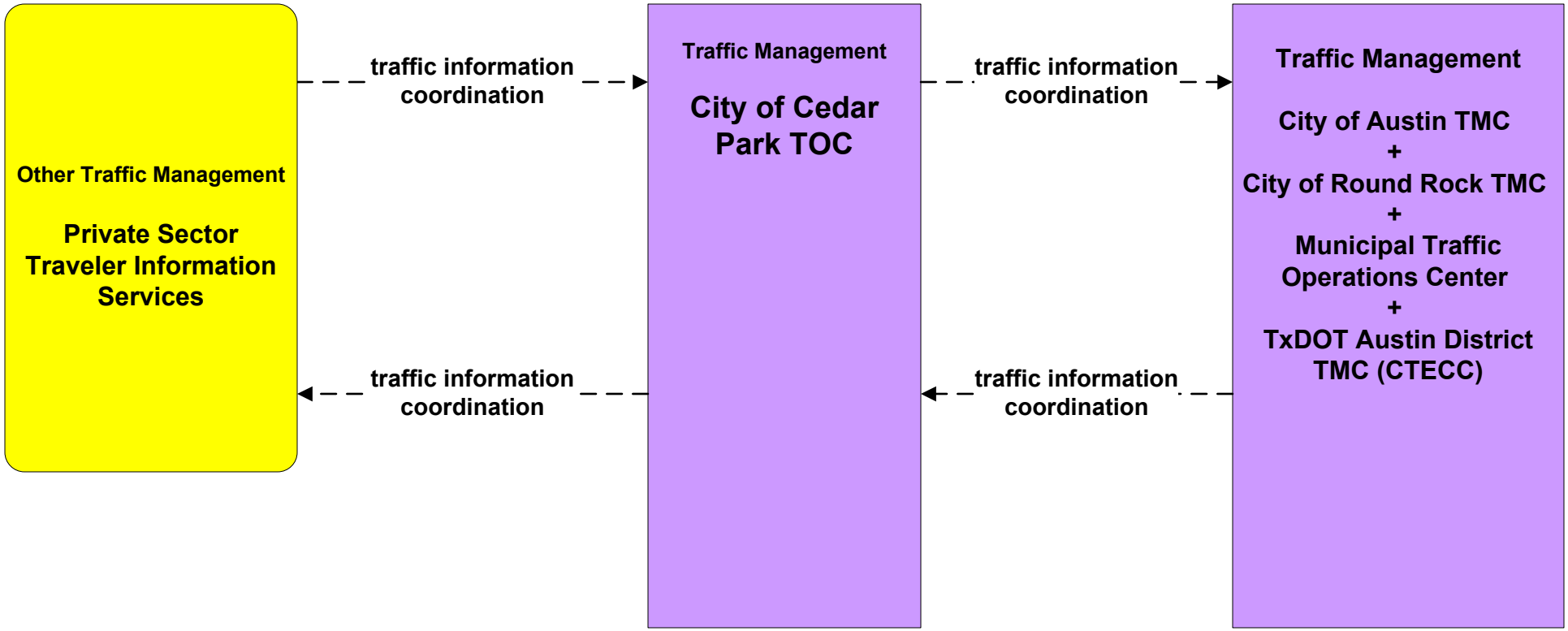


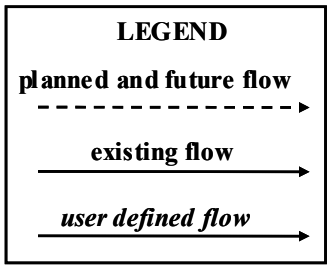
ATMS07 - Regional Traffic Control
City of Austin TMC



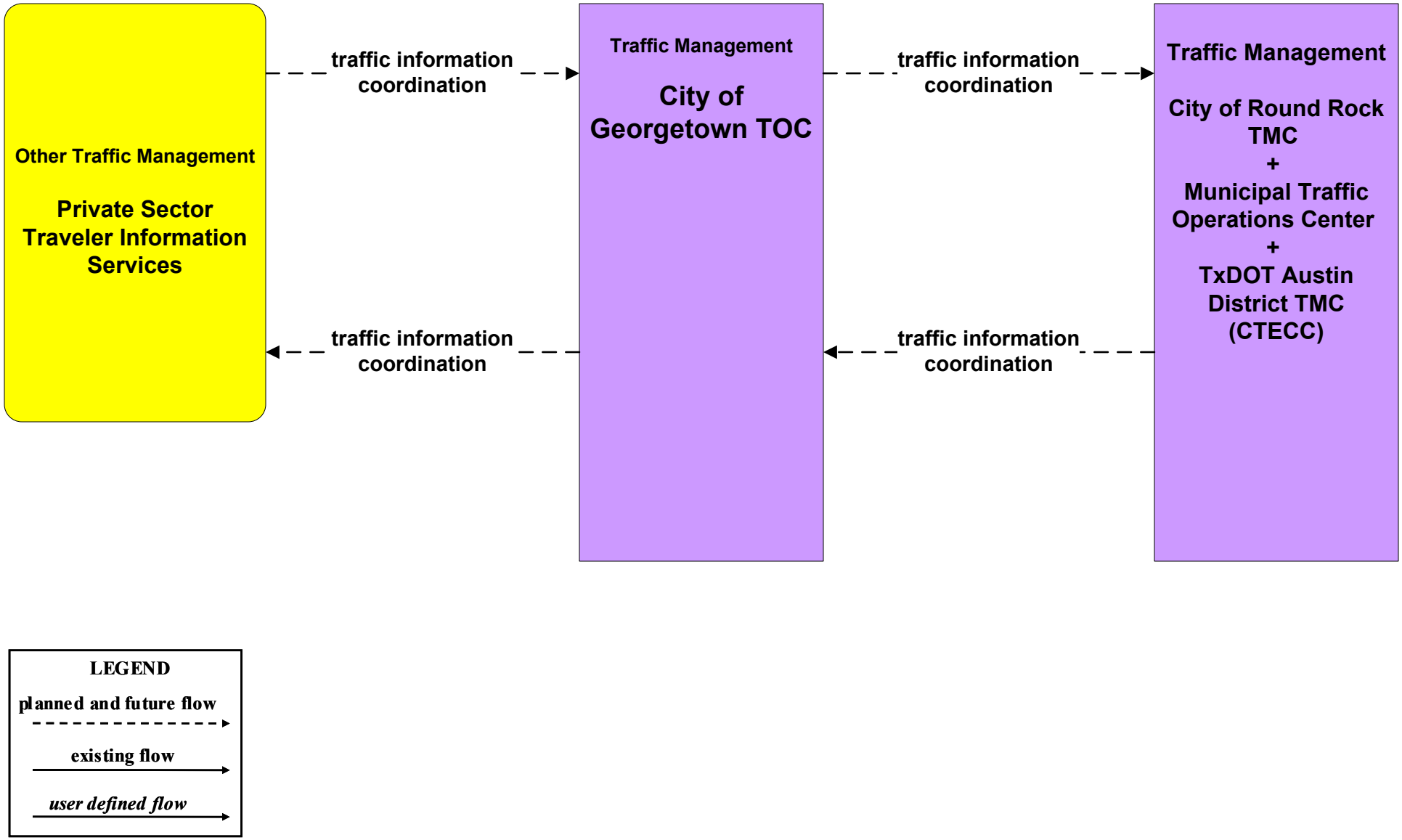


ATMS07 - Regional Traffic Control
City of Cedar Park TOC

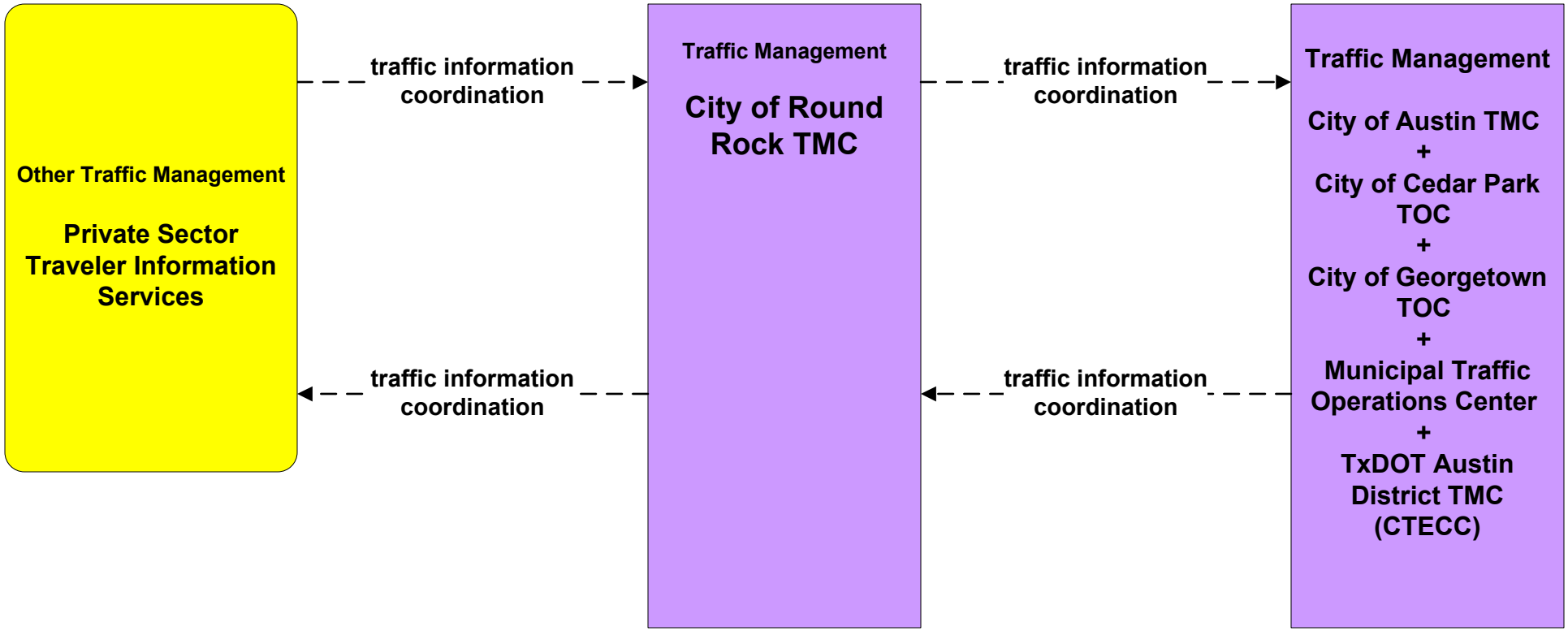


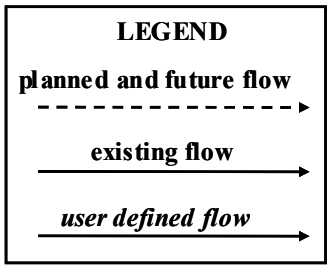


ATMS07 - Regional Traffic Control
City of Georgetown TOC

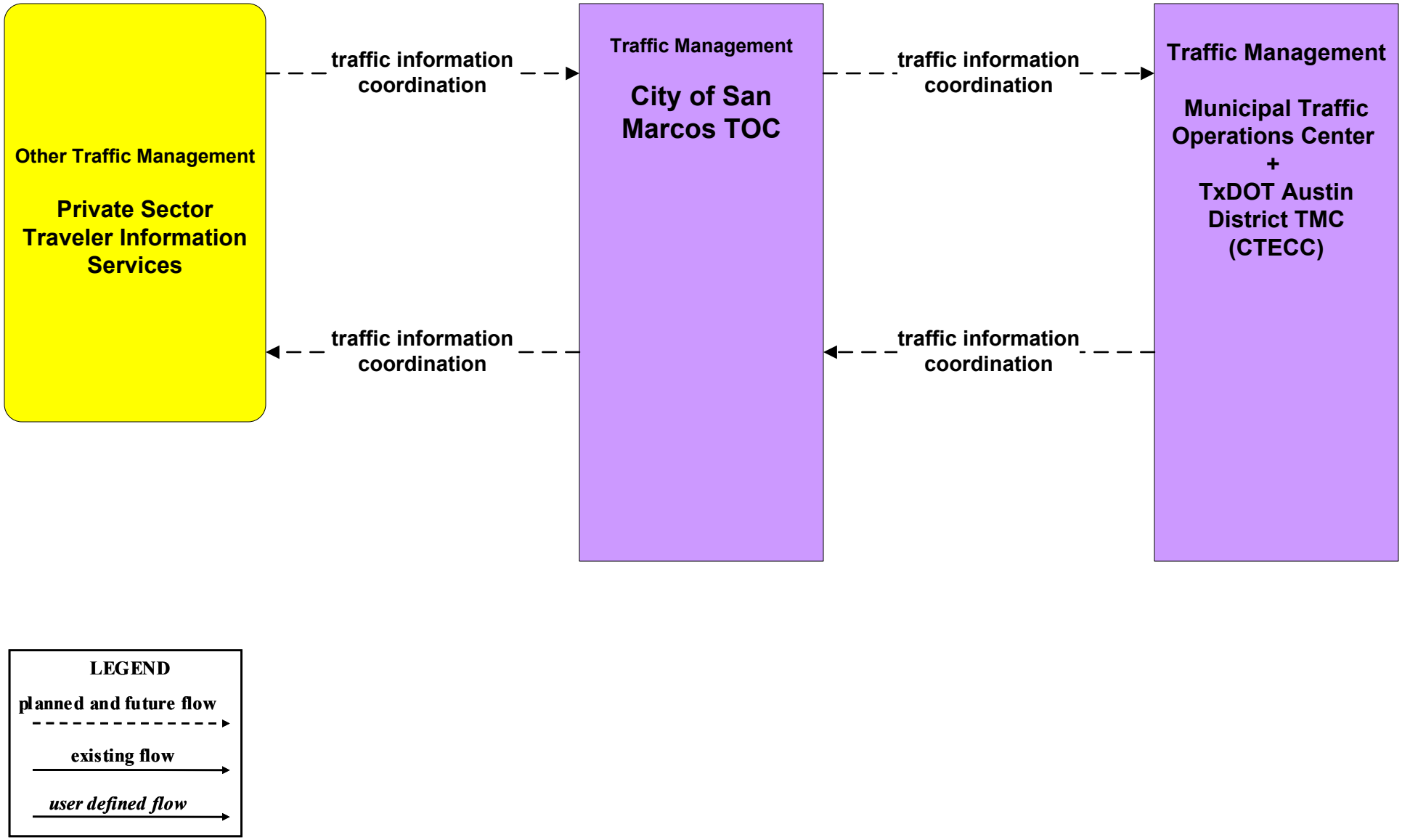


ATMS07 - Regional Traffic Control
City of Round Rock TMC

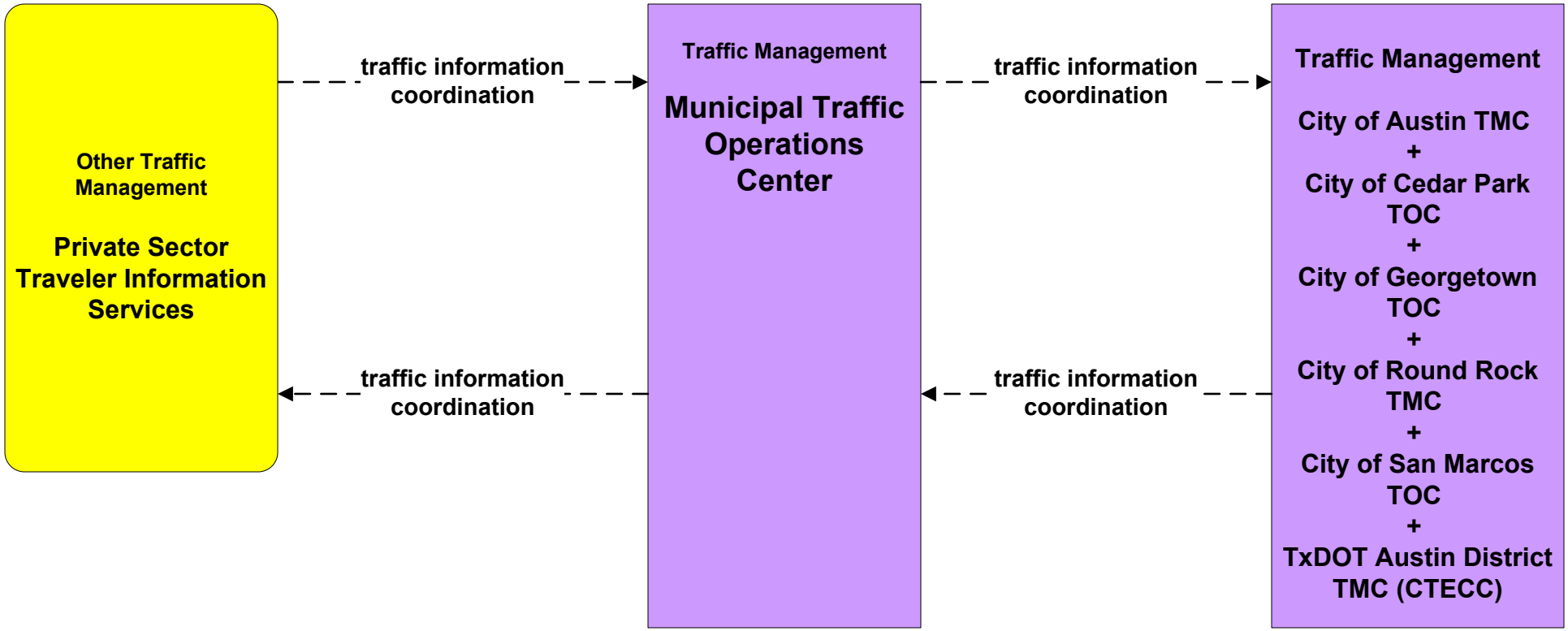




ATMS07 - Regional Traffic Control
City of San Marcos TOC



ATMS07 - Regional Traffic Control
Municipal TOC



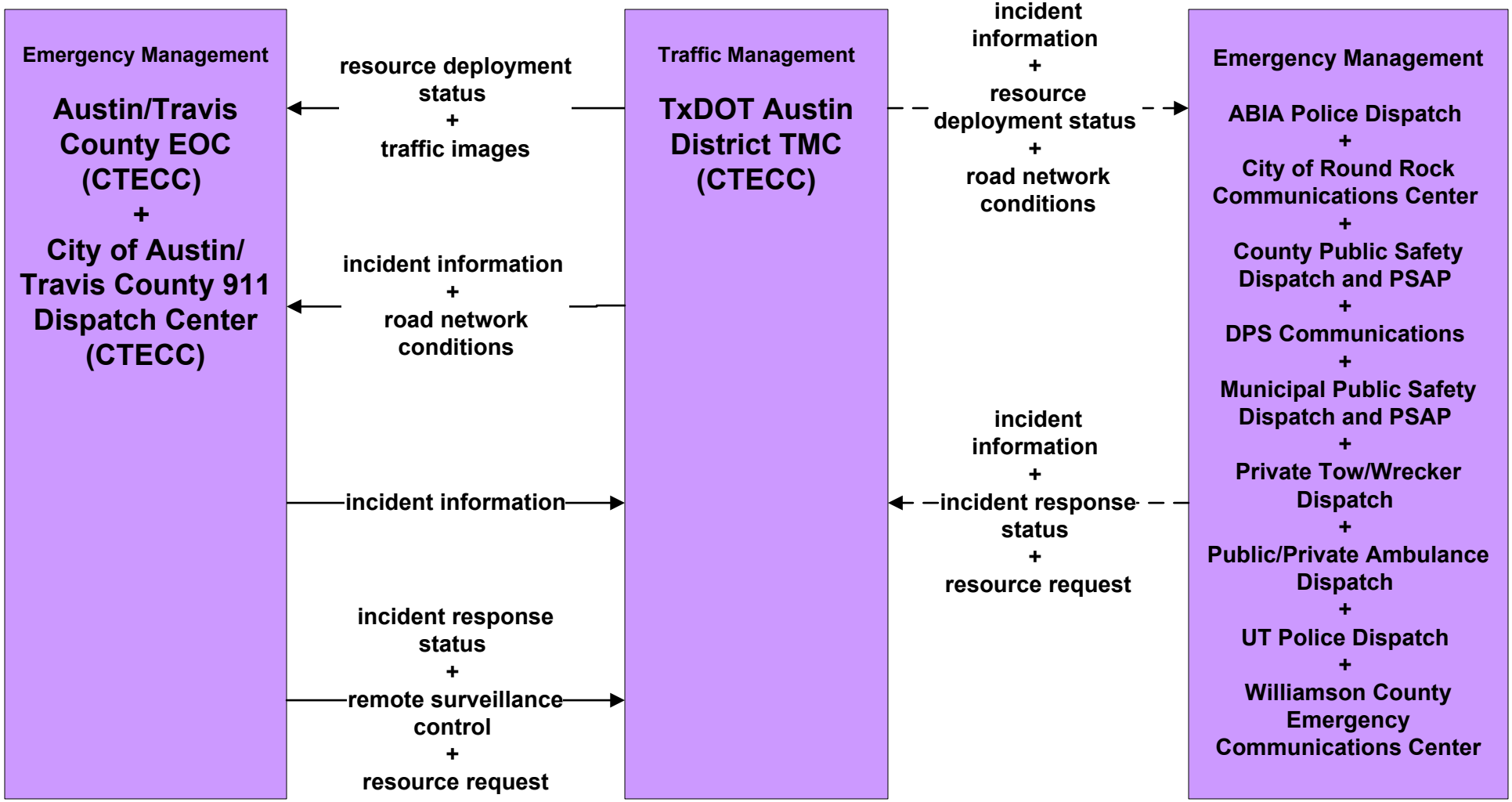
LEGEND

planned and future flow

existing flow

user defined flow

ATMS08 - Incident Management
TxDOT Austin District TMC – (TM to EM)



LEGEND

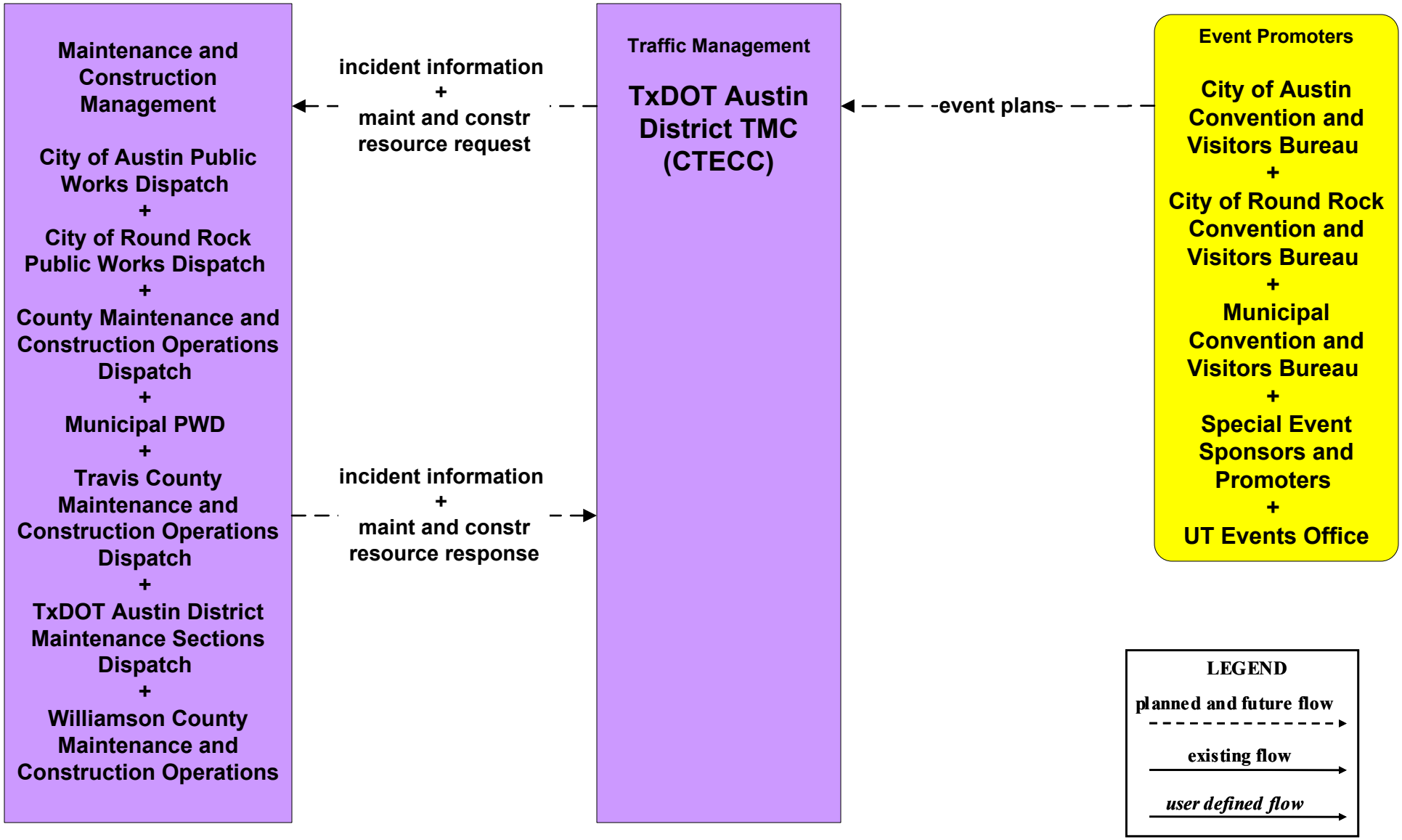
planned and future flow

existing flow

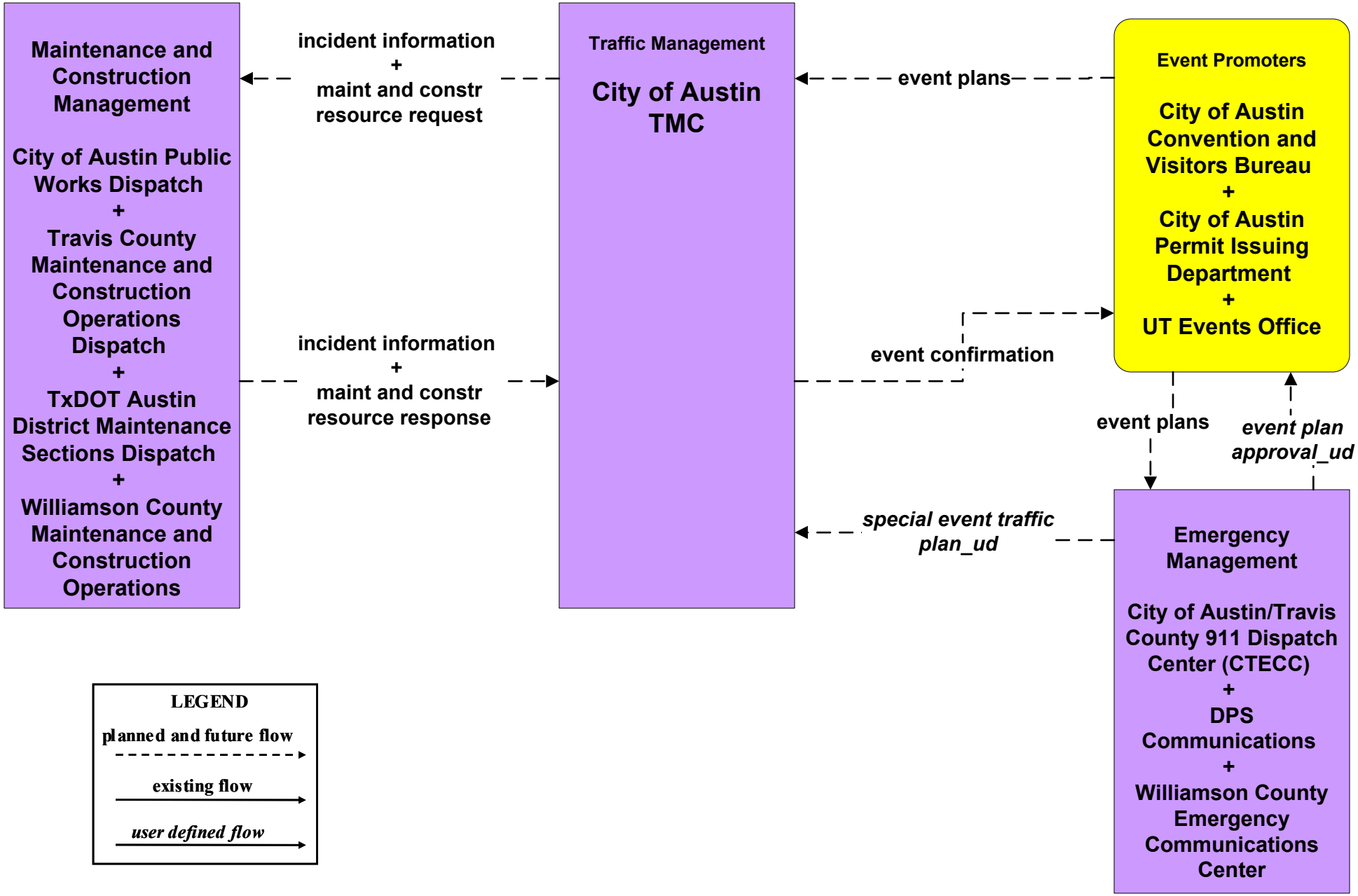
user defined flow

Transit providers get "road network conditions" (for incident information) directly from CTECC (see APTS2 and APTS3).

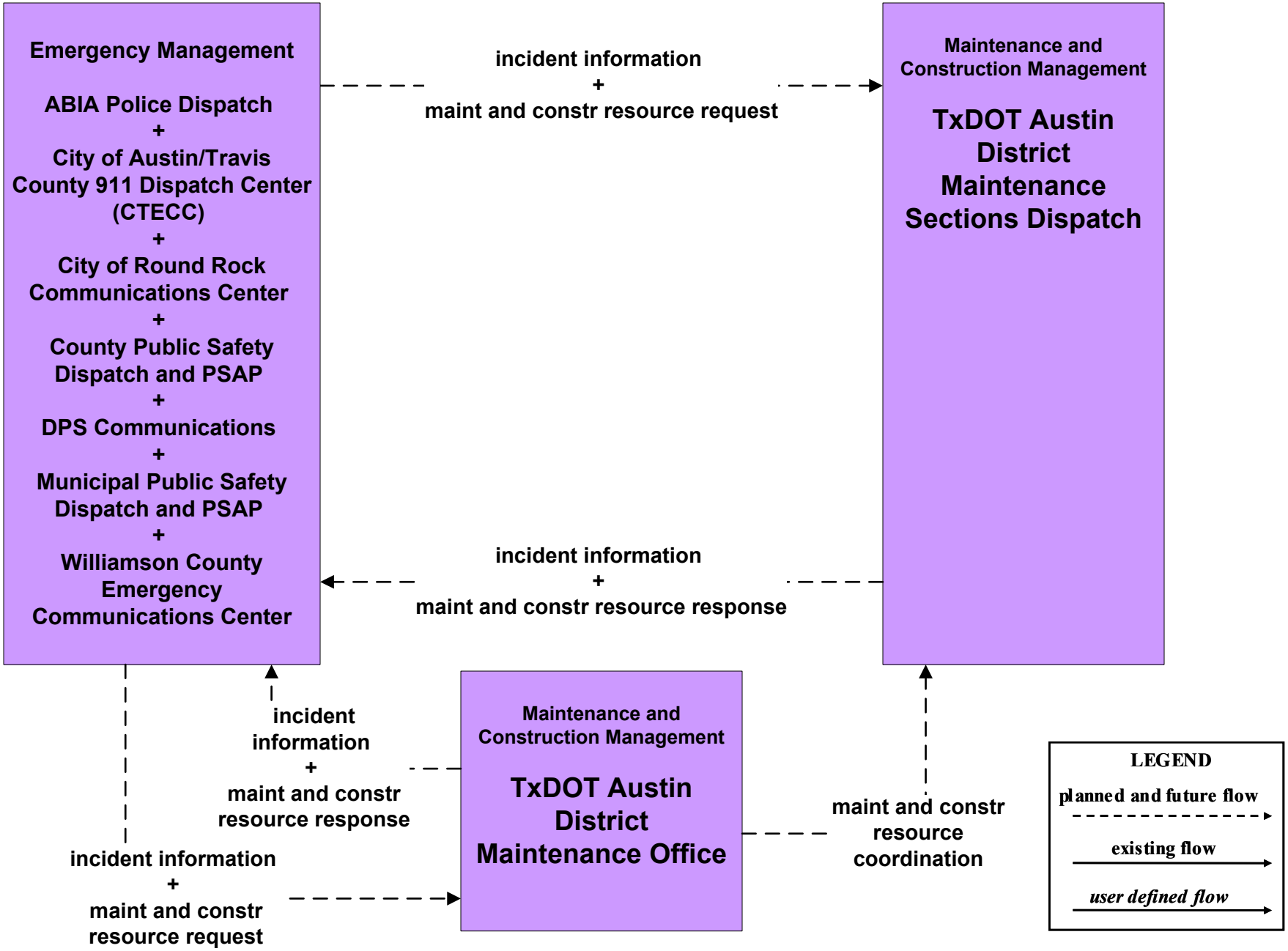
ATMS08 - Incident Management
TxDOT Austin Traffic Management Center – (TM to MCM)



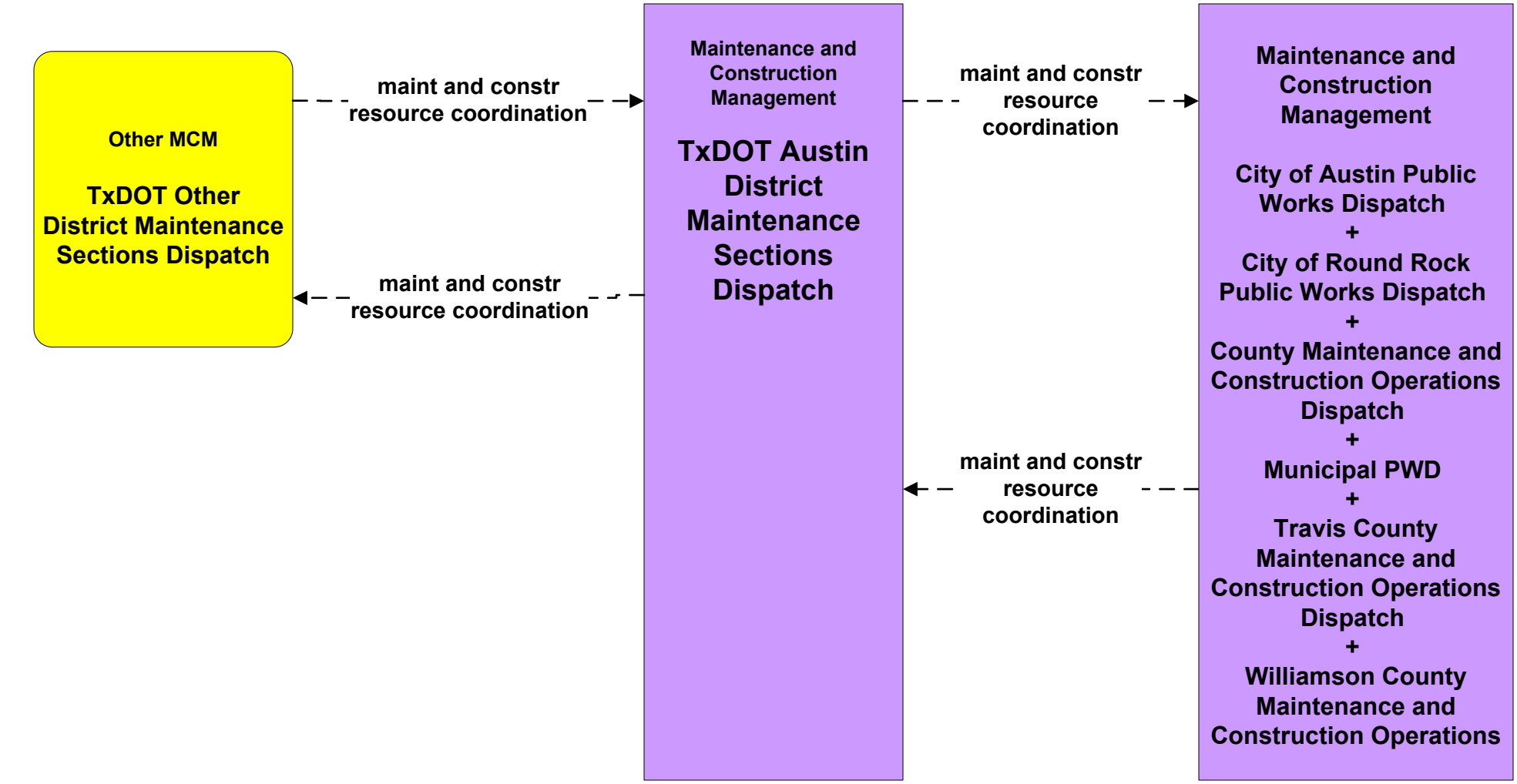
ATMS08 - Incident Management
City of Austin Traffic Management Center – (TM to MCM)



ATMS08 - Incident Management
TxDOT Austin District Maintenance Sections – (MCM to EM)



ATMS08 - Incident Management
TxDOT Austin District Maintenance Sections – (MCM to Other MCM)



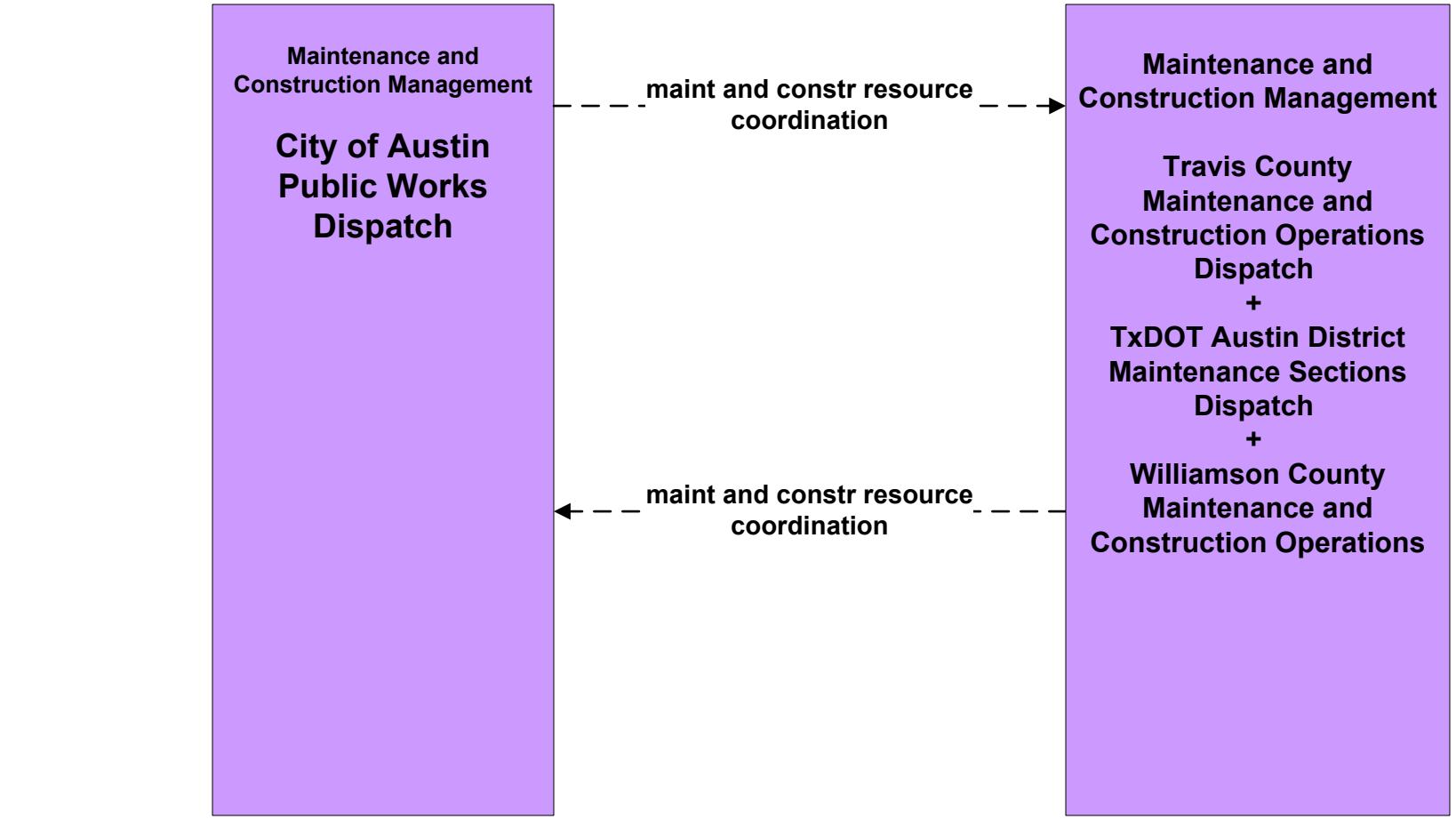
LEGEND

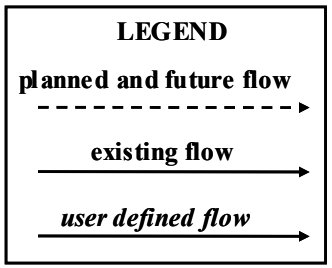
planned and future flow

existing flow

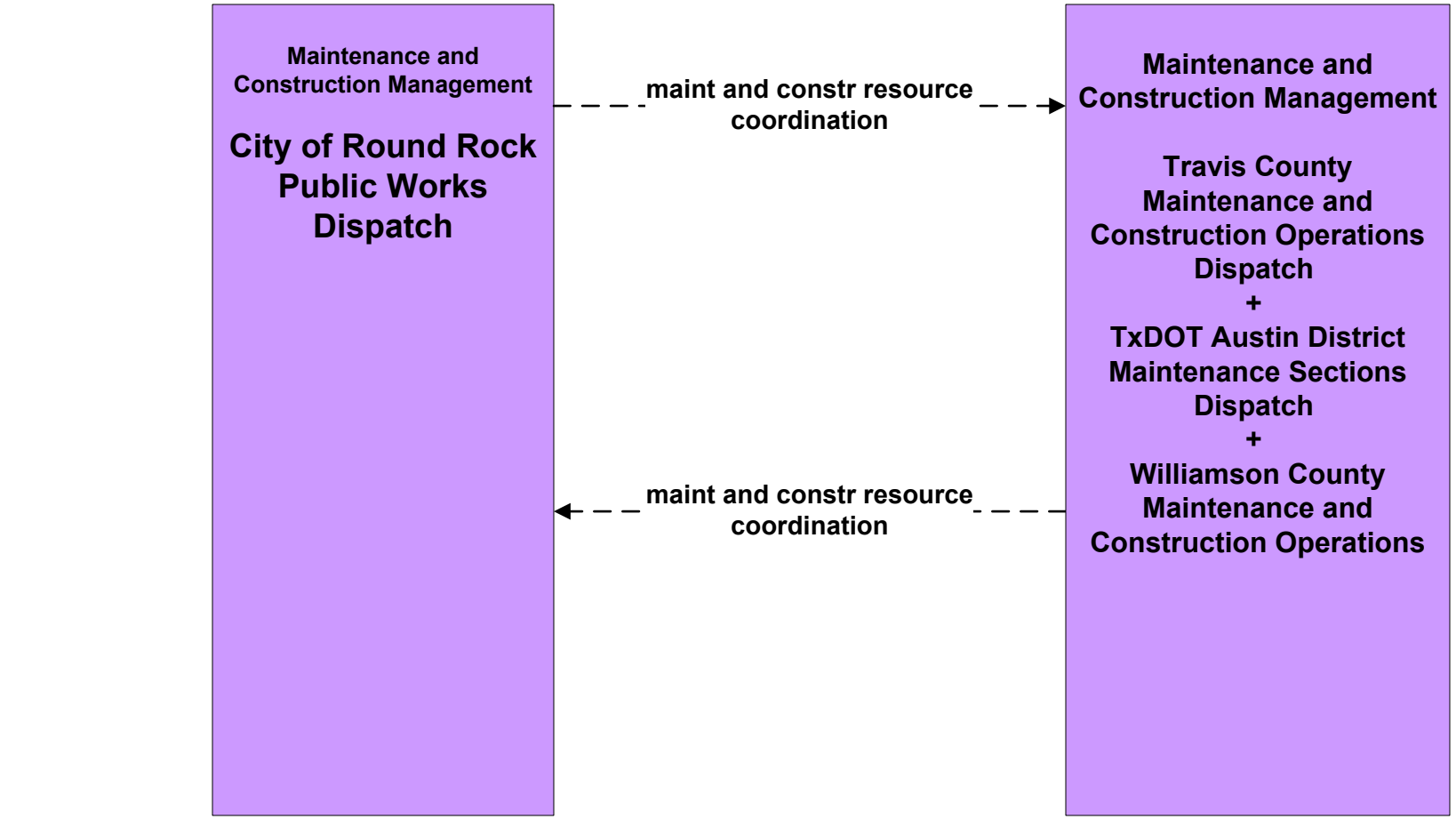
user defined flow

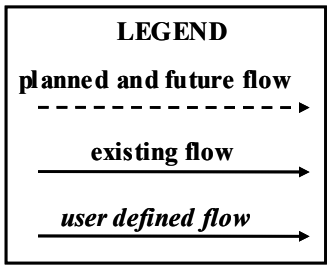
ATMS08 - Incident Management
City of Austin Maintenance System – (MCM to Other MCM)



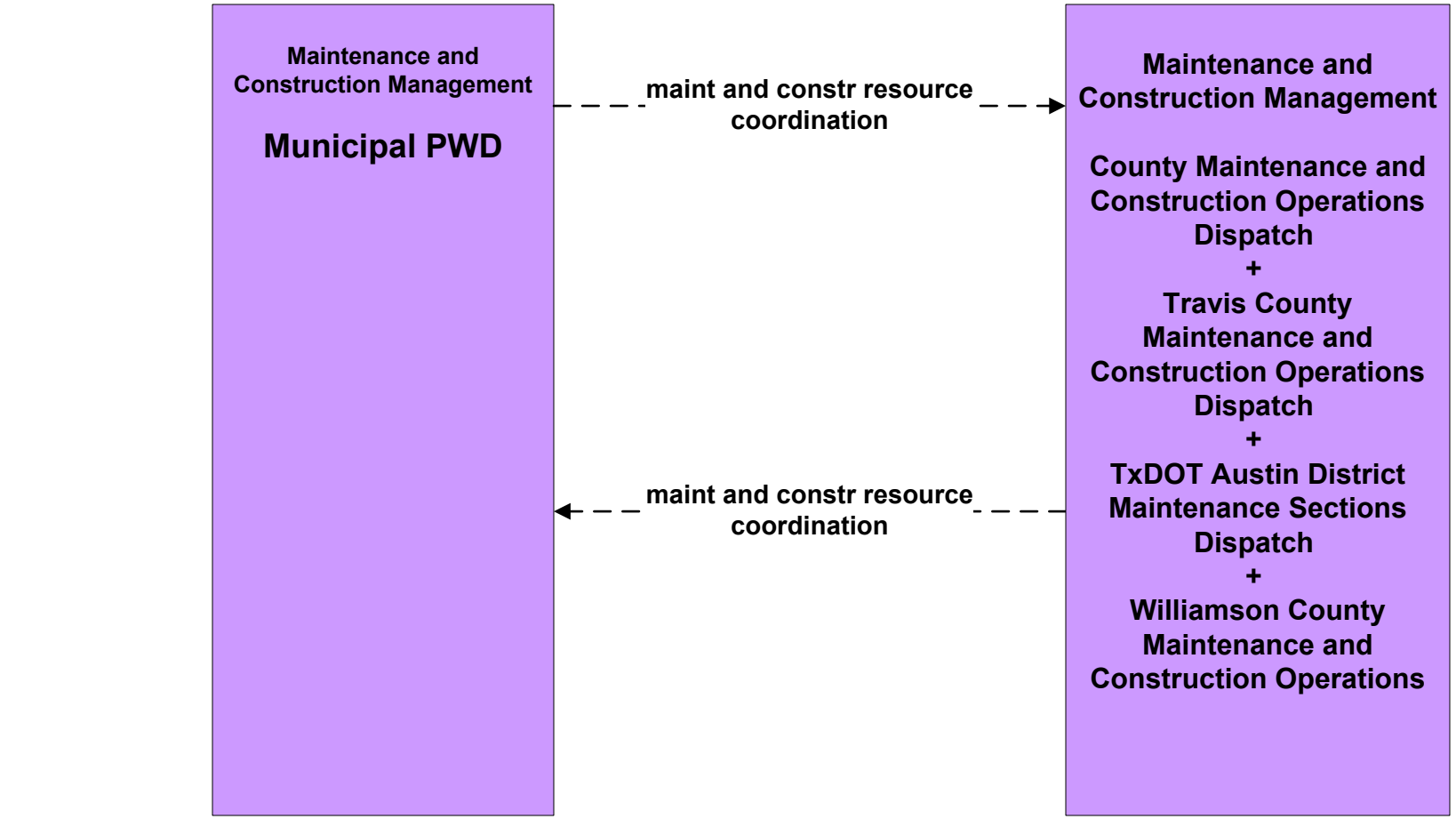


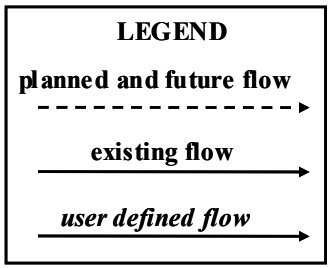
ATMS08 - Incident Management
City of Round Rock Maintenance System – (MCM to Other MCM)



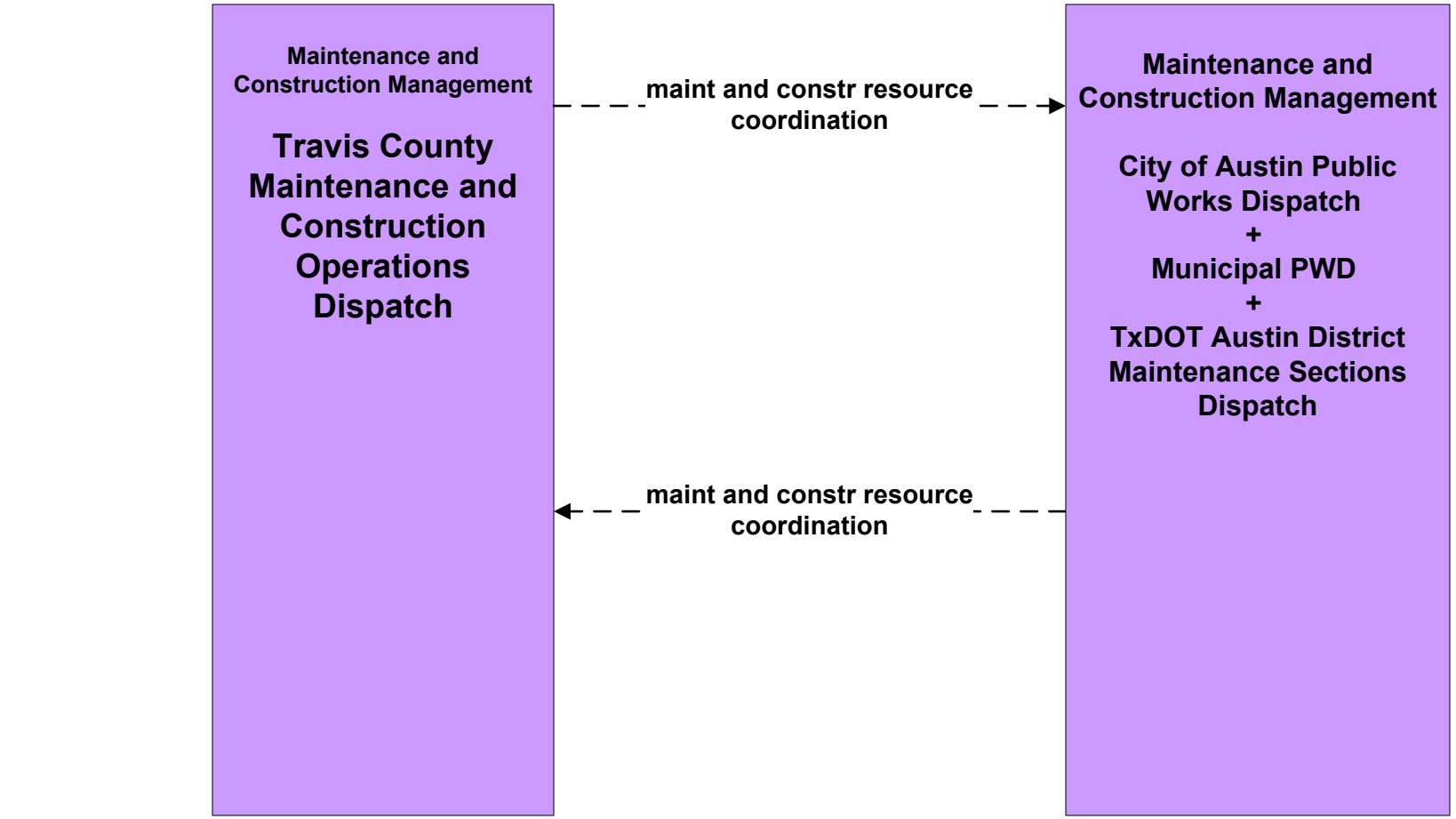


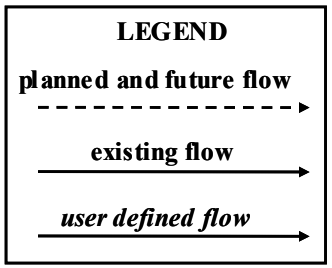
ATMS08 - Incident Management
Municipal PWD – (MCM to Other MCM)



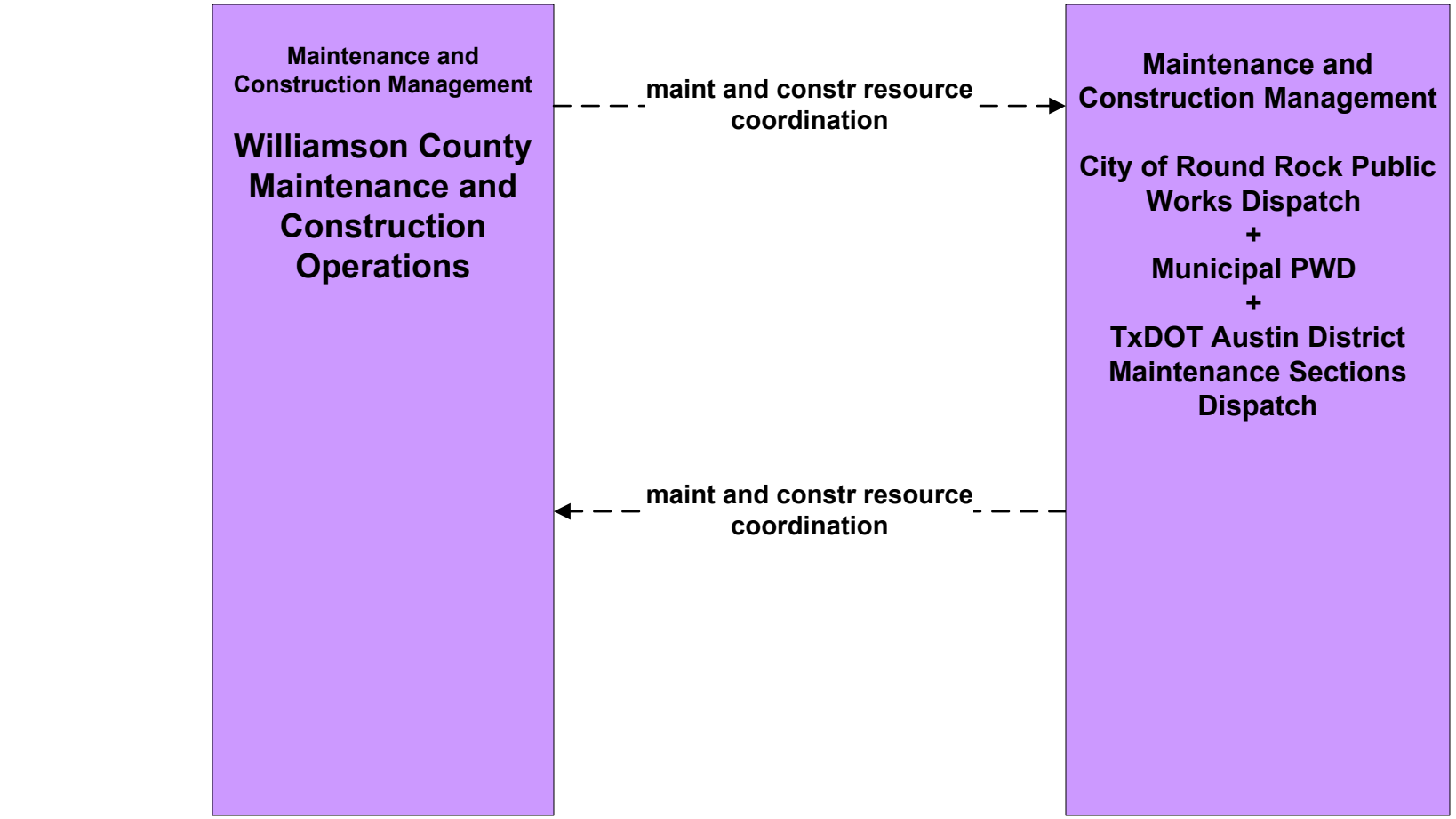


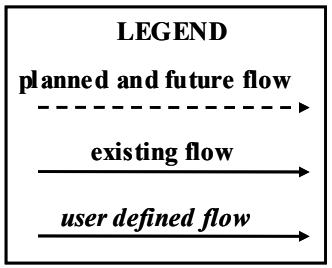
ATMS08 - Incident Management
Travis County Maintenance and Constructions Operations – (MCM to Other MCM)



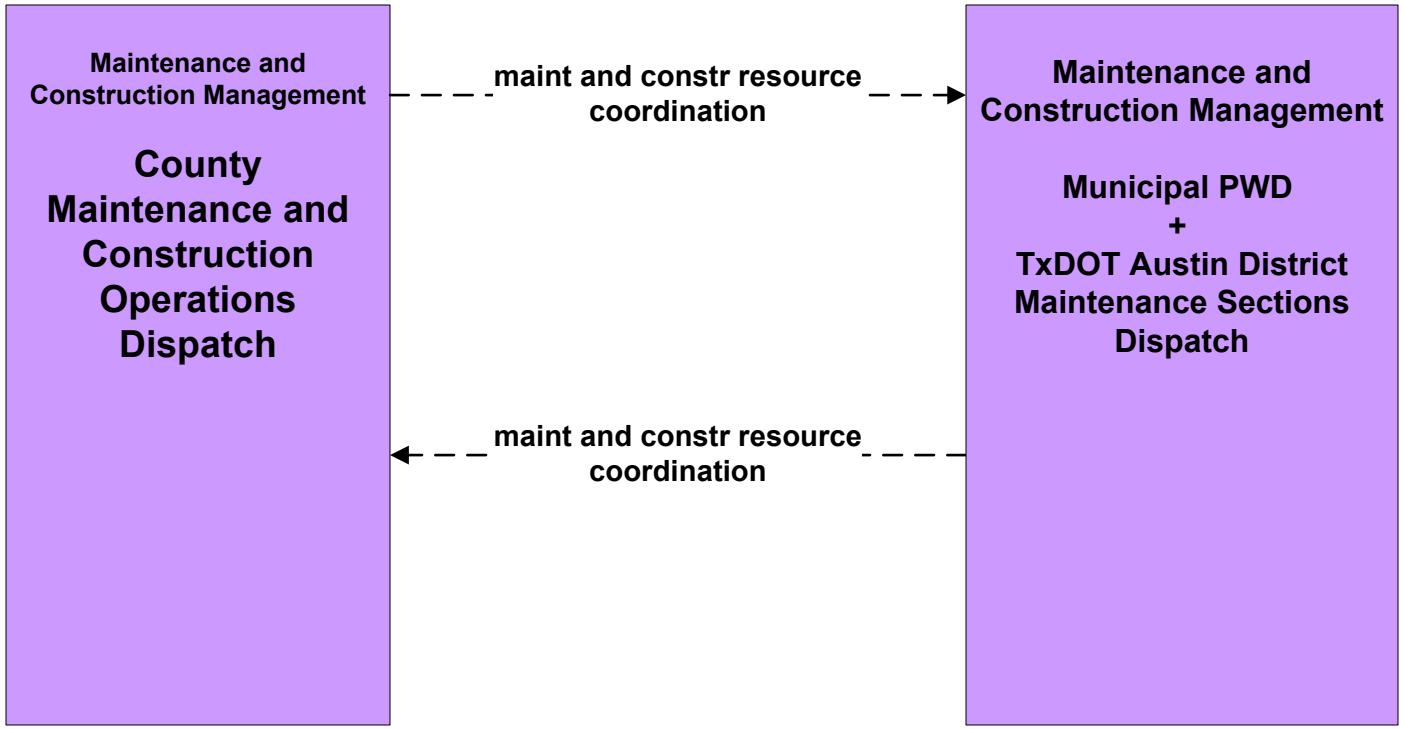


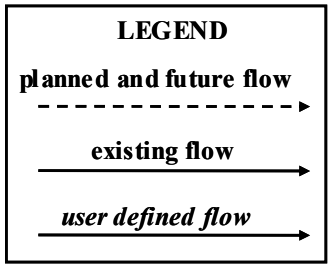
ATMS08 - Incident Management
Williamson County Maintenance and Construction Operations – (MCM to Other MCM)



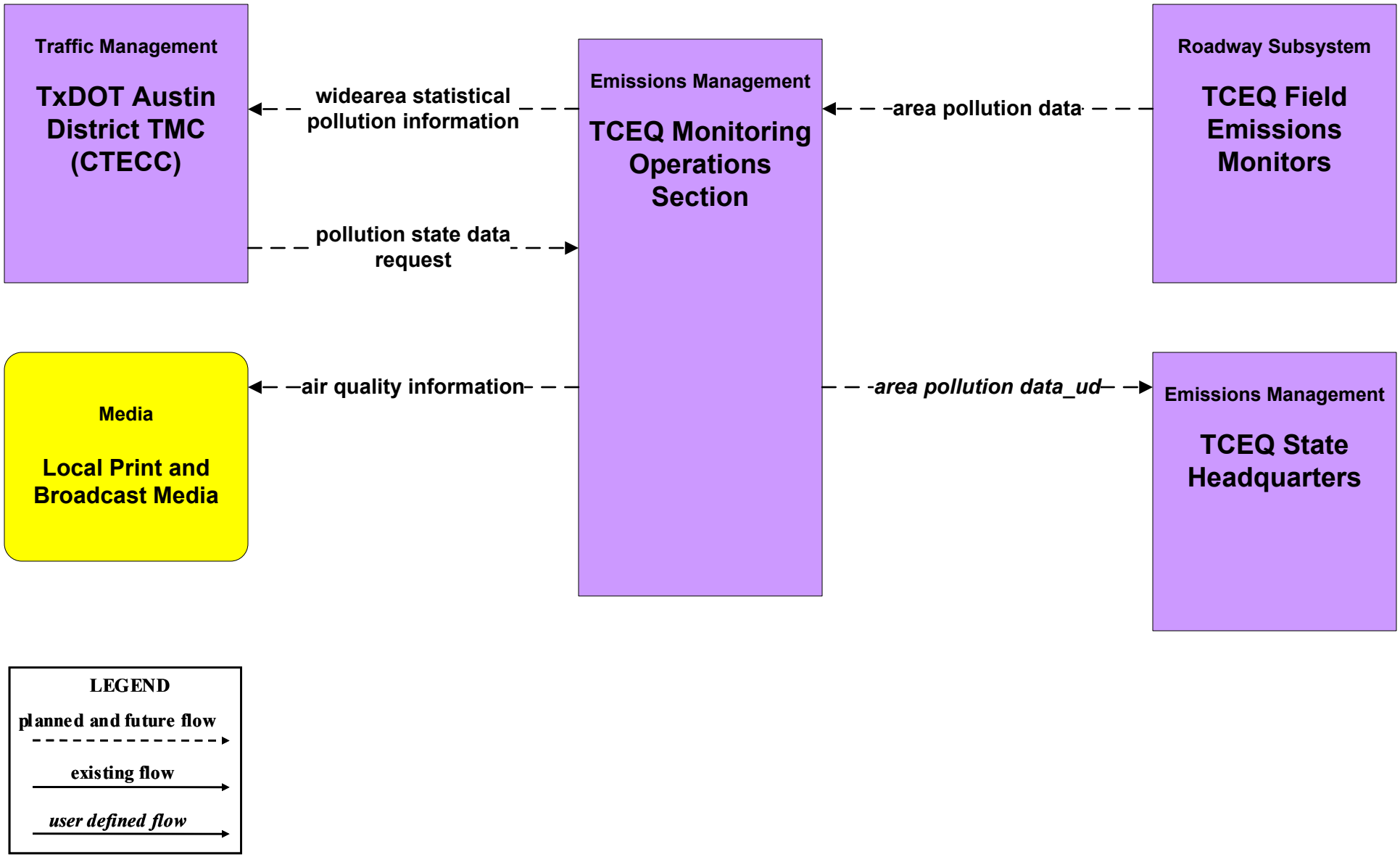


ATMS08 - Incident Management
County Maintenance and Construction Operations – (MCM to Other MCM)

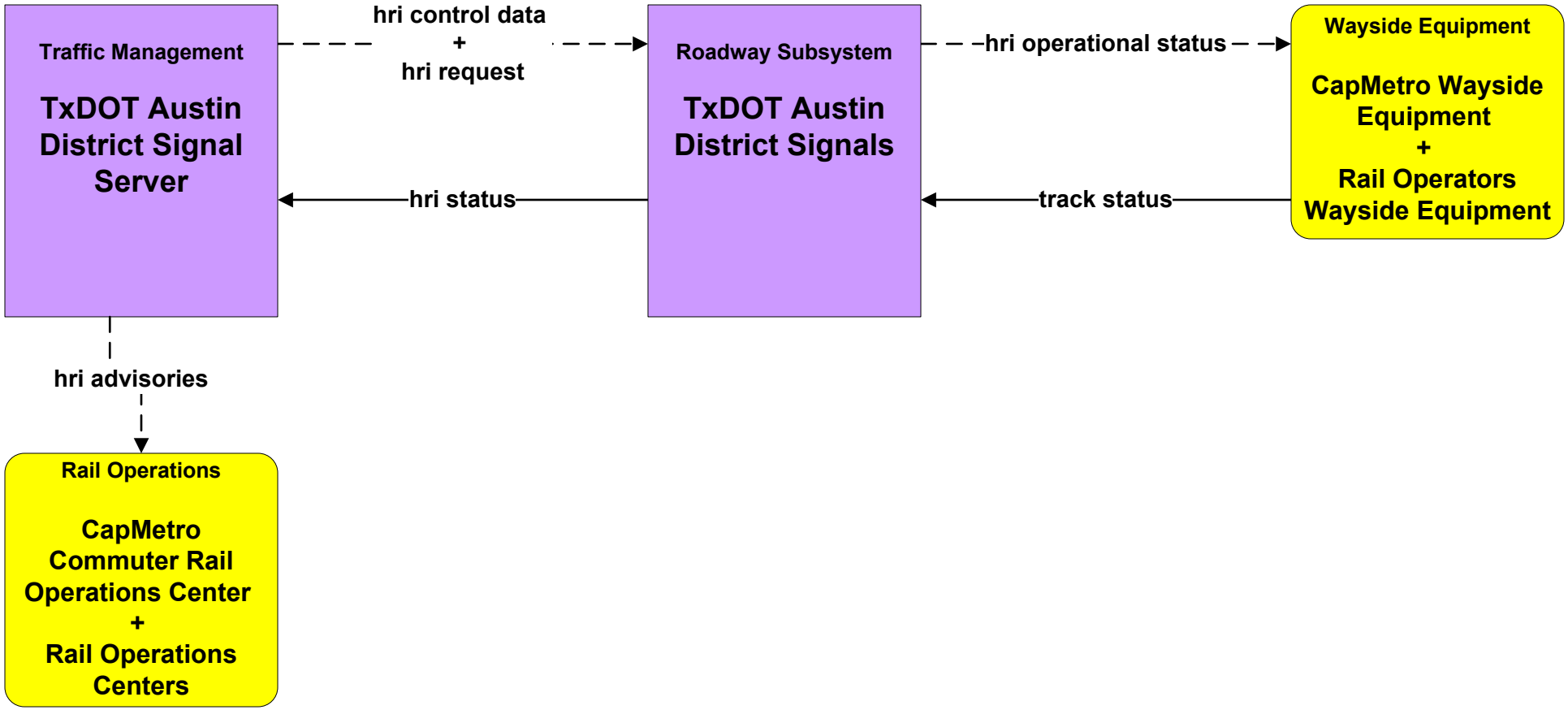


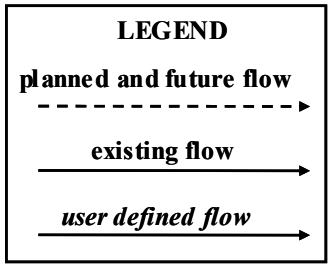


ATMS11 - Emissions Monitoring and Management
TCEQ

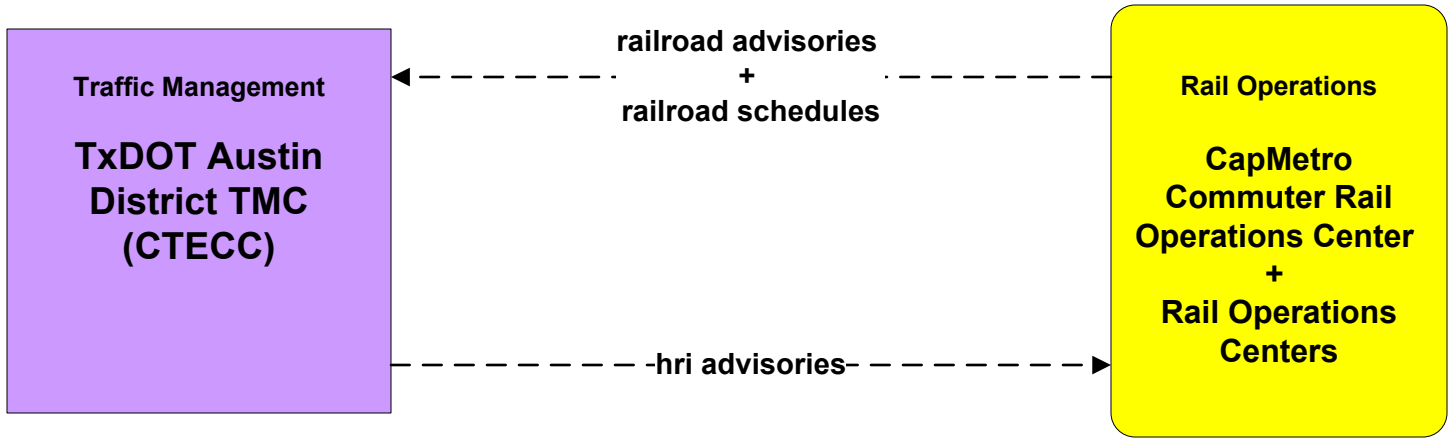


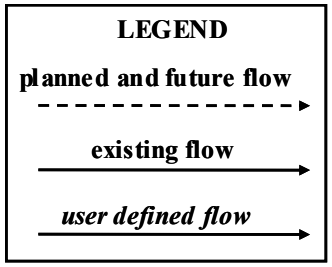
ATMS13 - Standard Railroad Grade Crossing
TxDOT Austin District Traffic Management Center (CTECC)



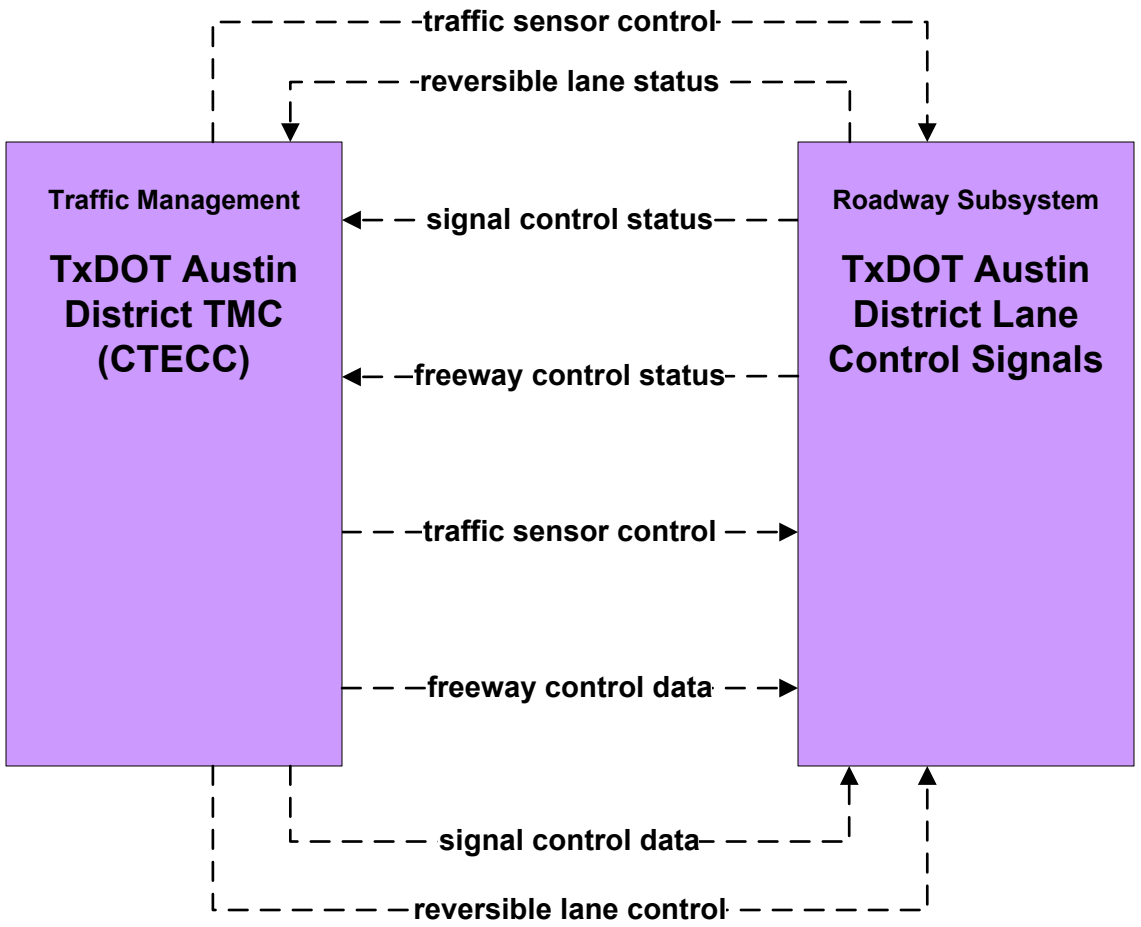


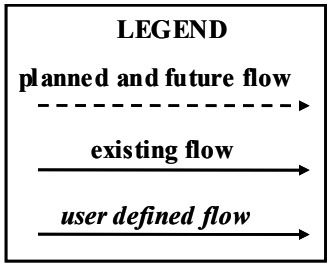
ATMS15 - Railroad Operations Coordination
TxDOT Austin District Traffic Management Center



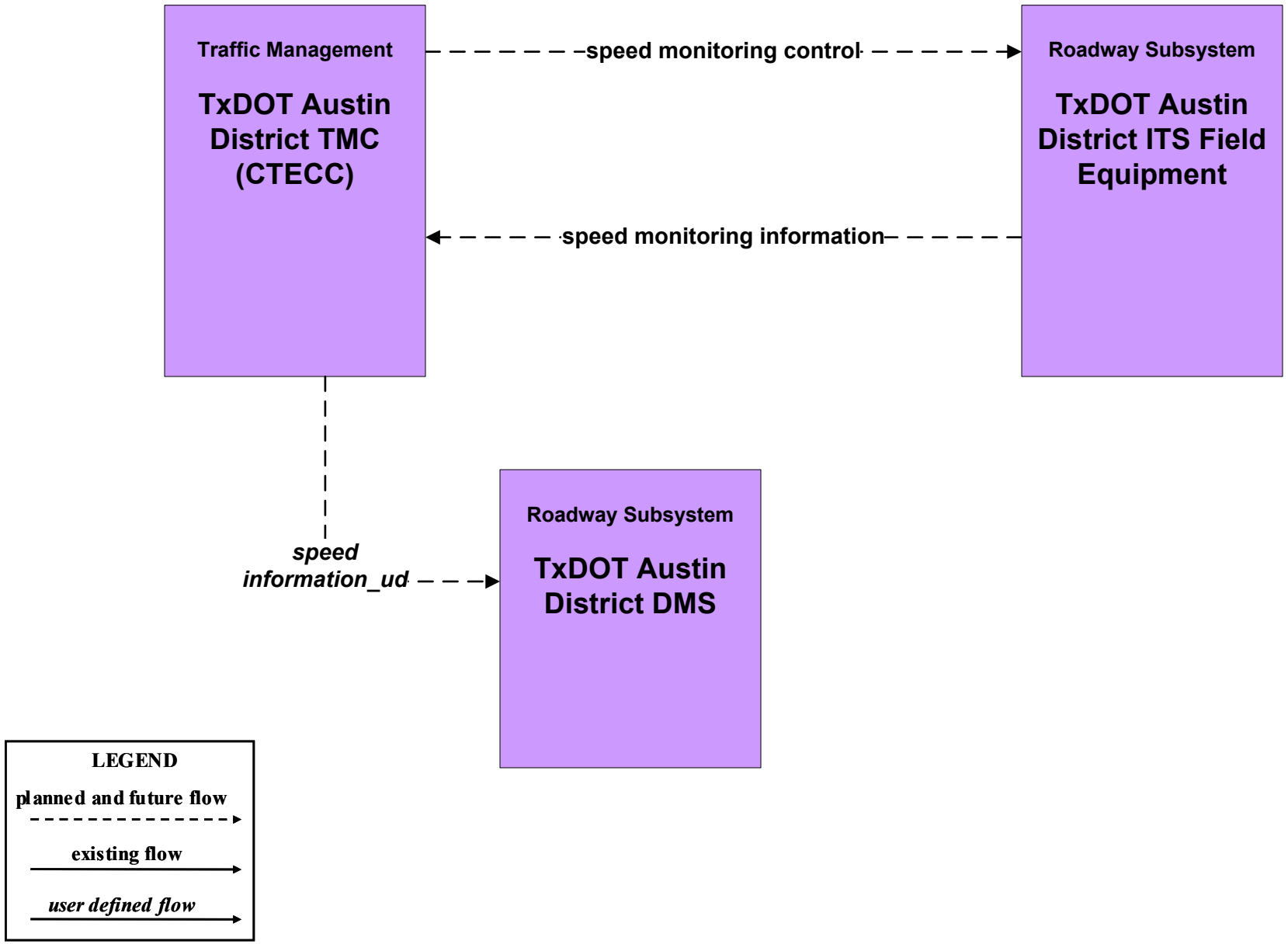


ATMS18 - Reversible Lane Management
TxDOT Austin / Texas Turnpike Authority

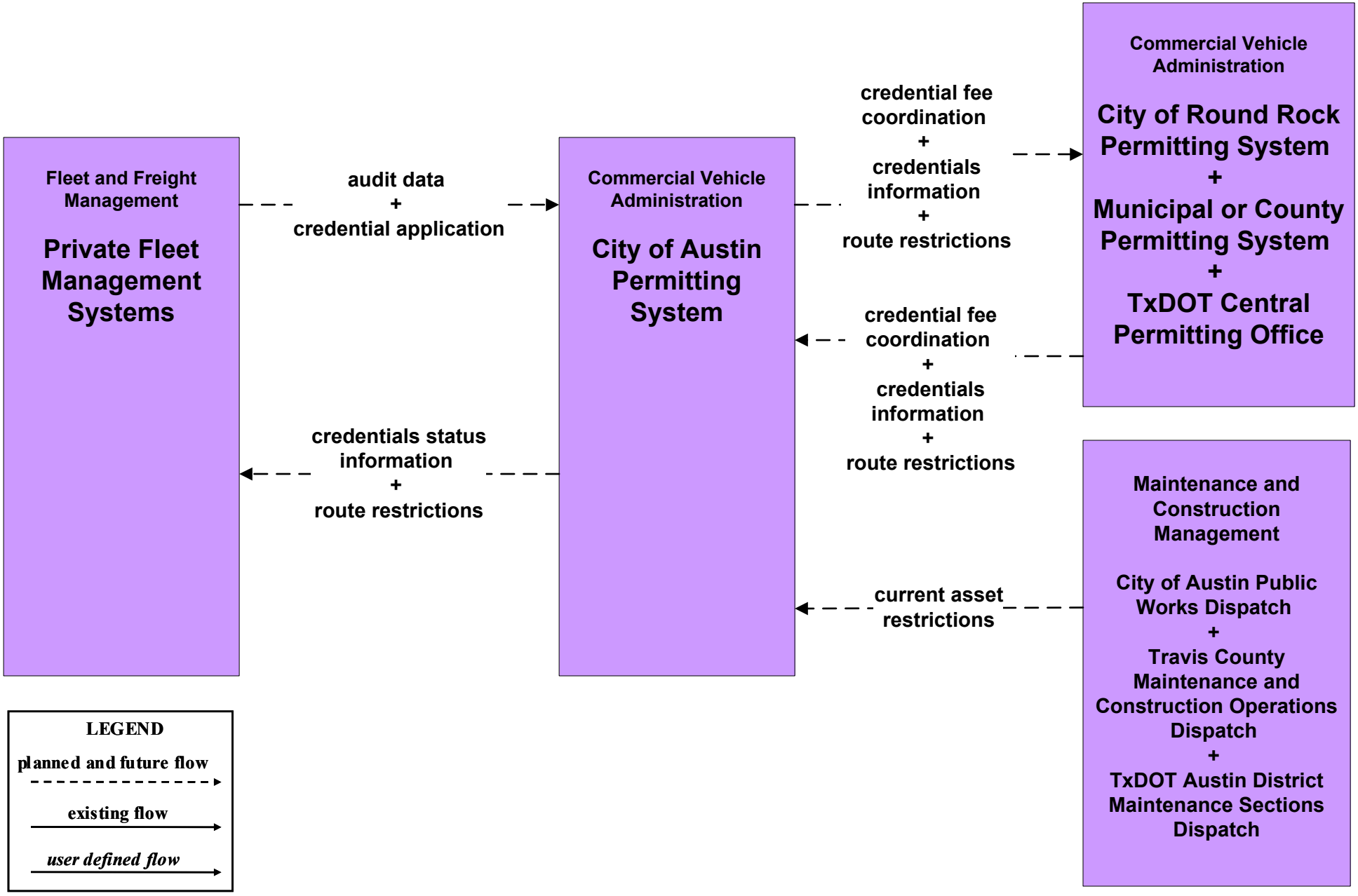




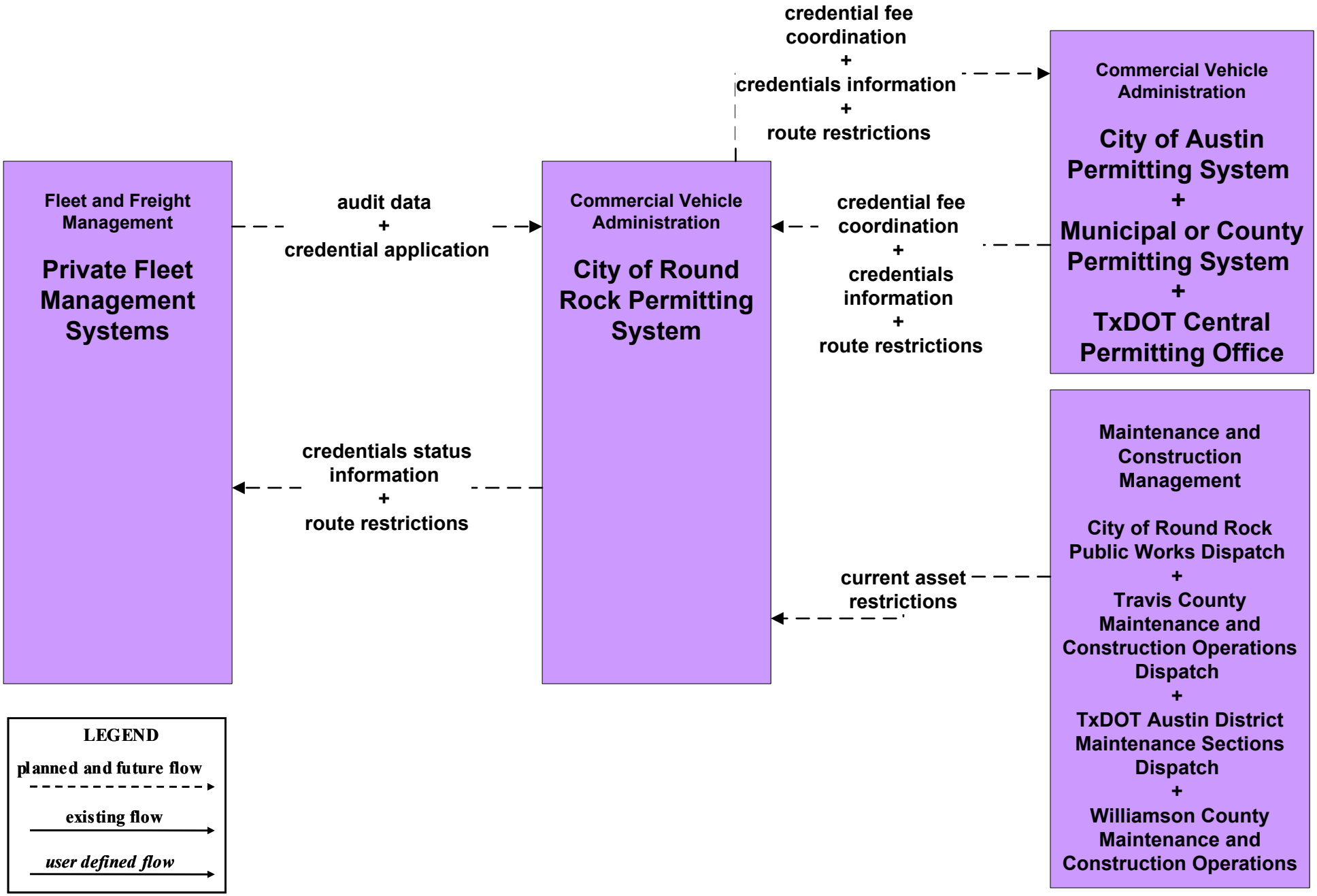
ATMS19 - Speed Monitoring
TxDOT Austin District



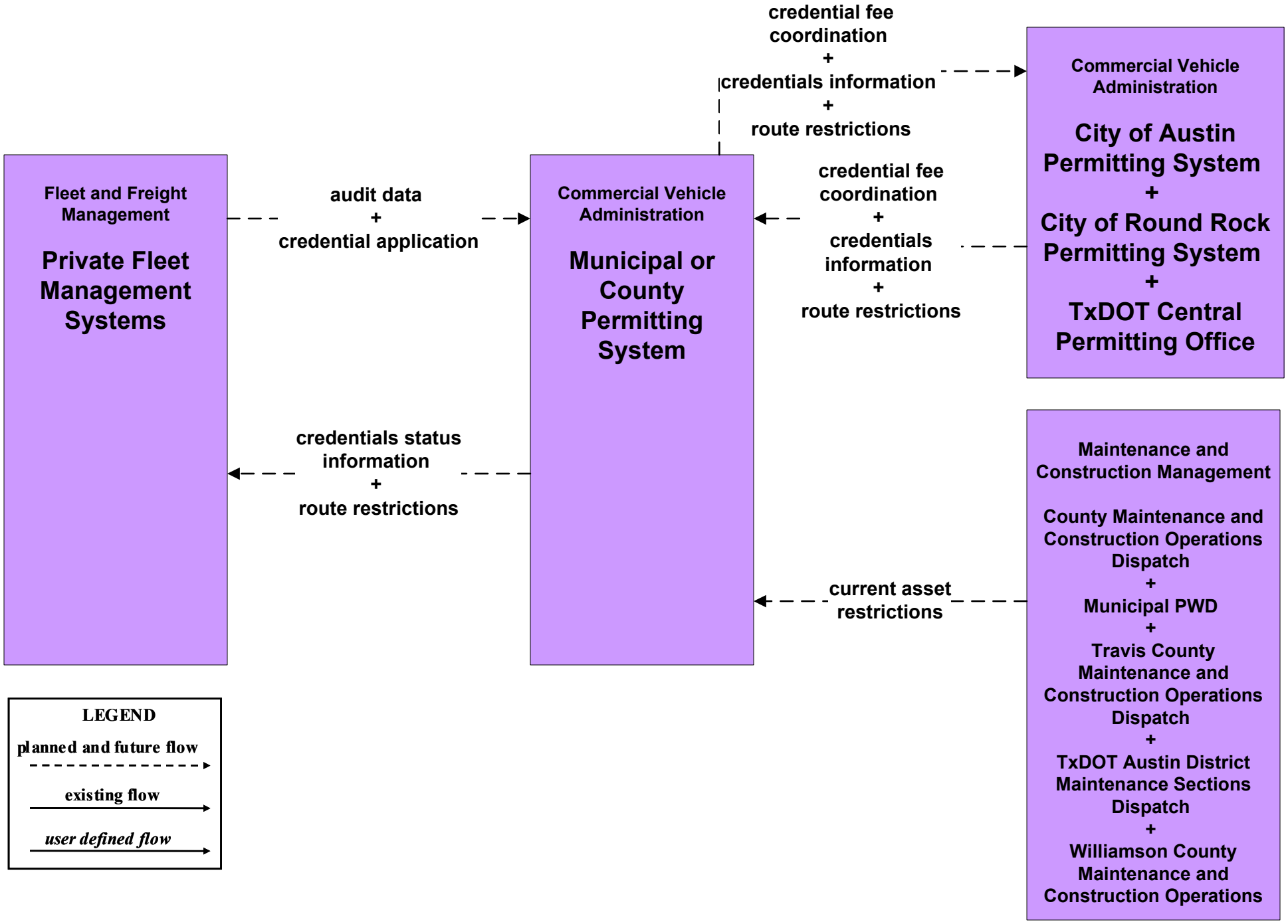
CVO04 - CV Administrative Processes
City of Austin Permitting System



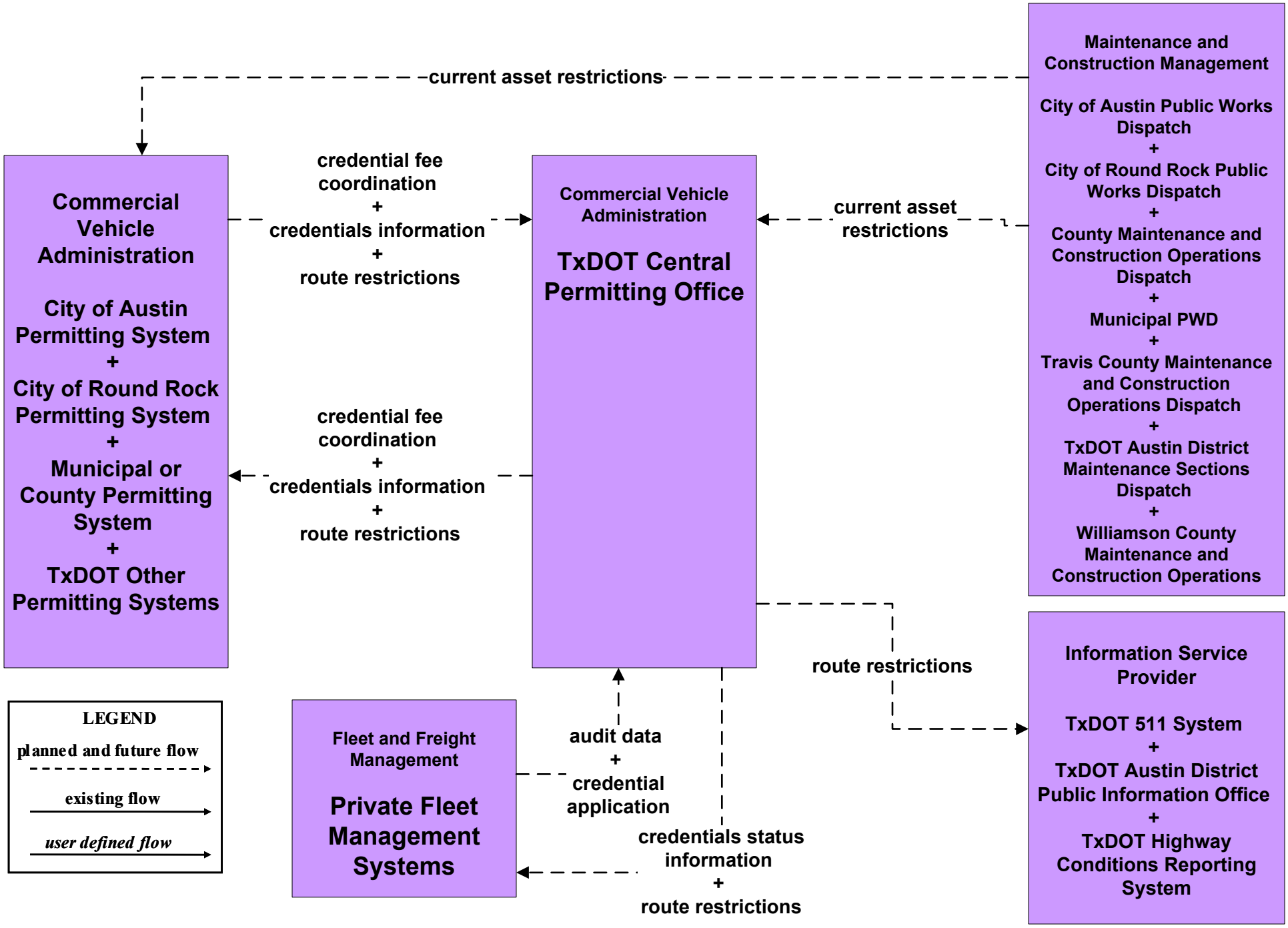
CVO04 - CV Administrative Processes
City of Round Rock Permitting System



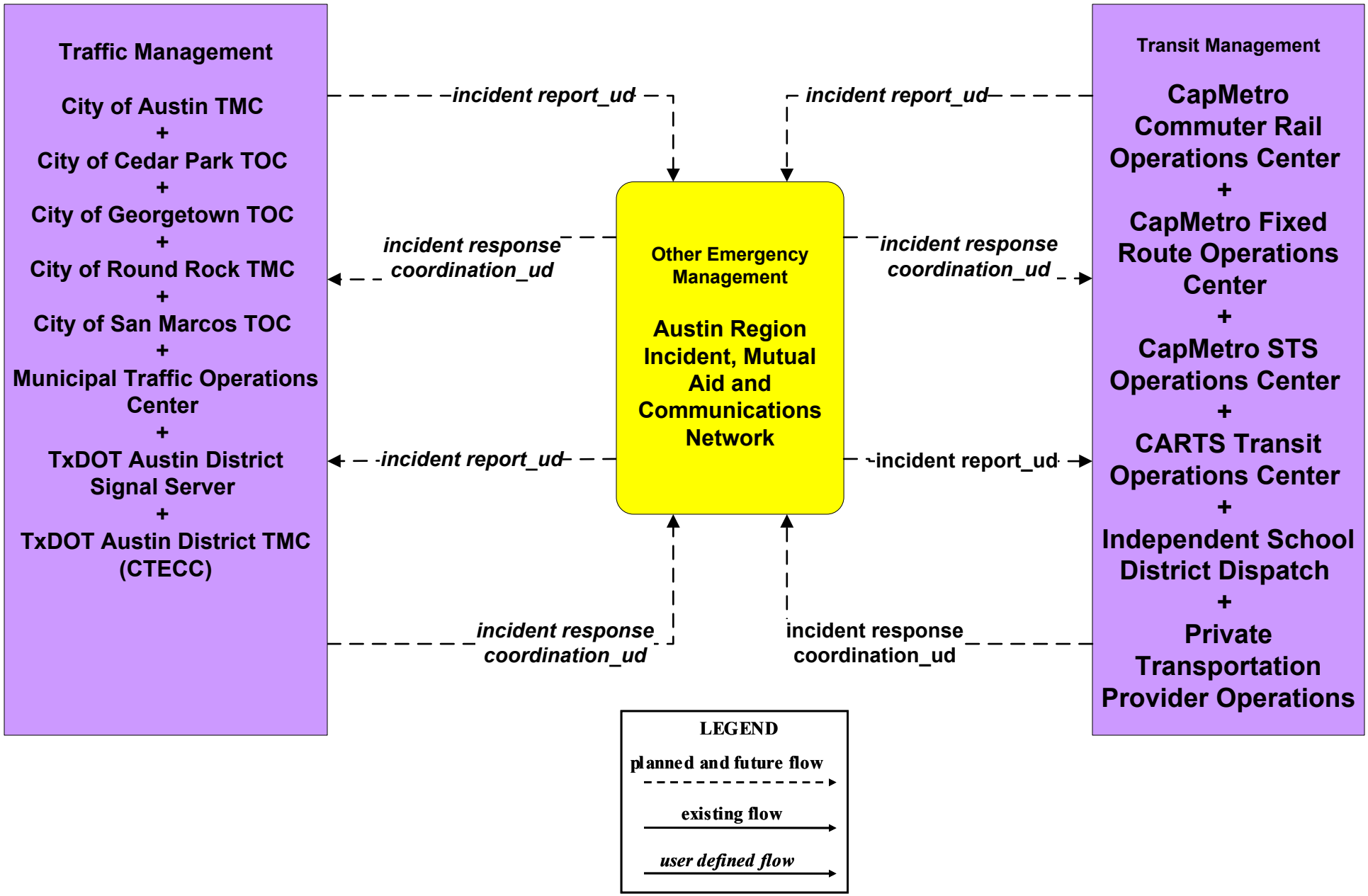
CVO04 - CV Administrative Processes
Municipal or County Permitting System



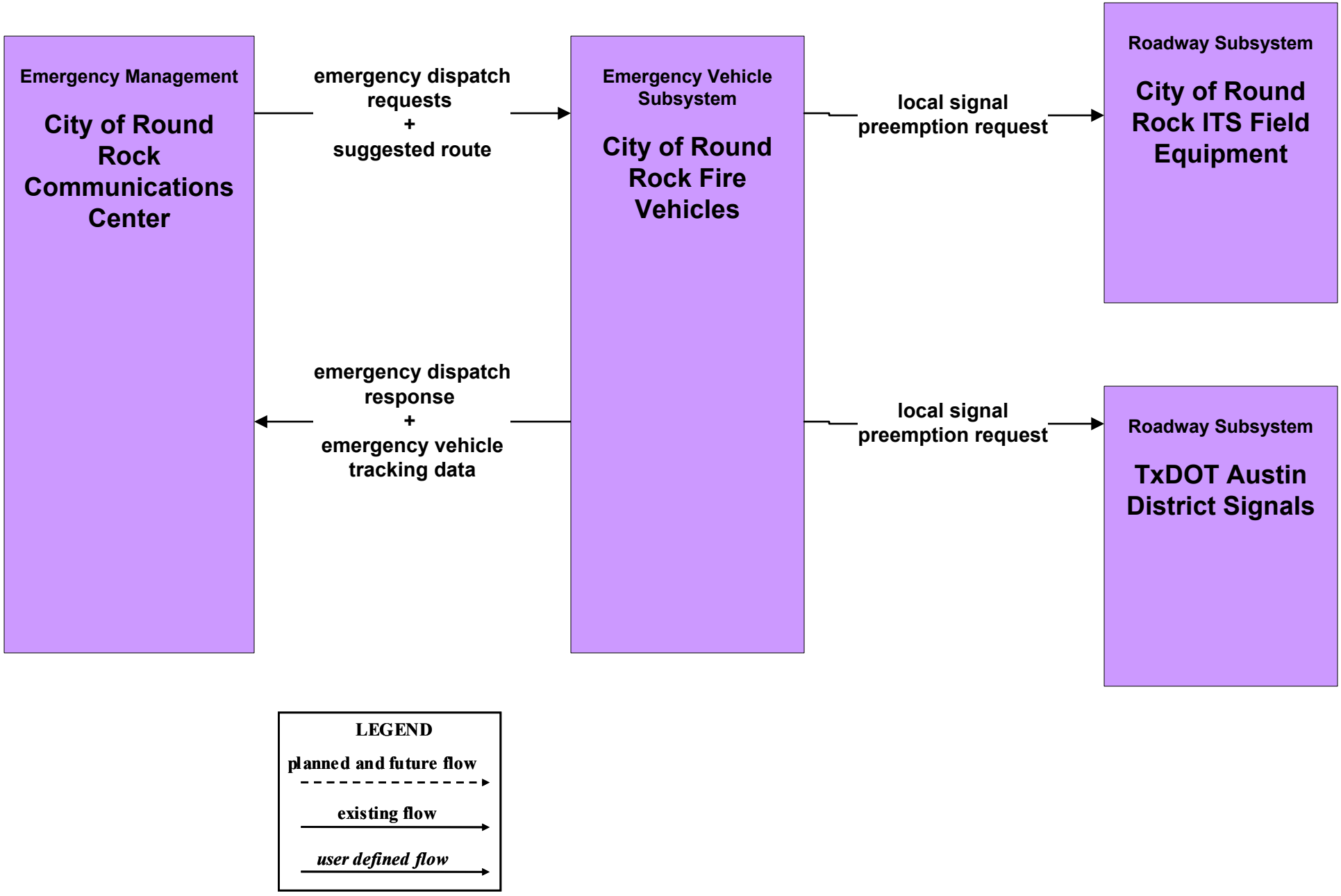
CVO04 - CV Administrative Processes
TxDOT Central Permitting Office



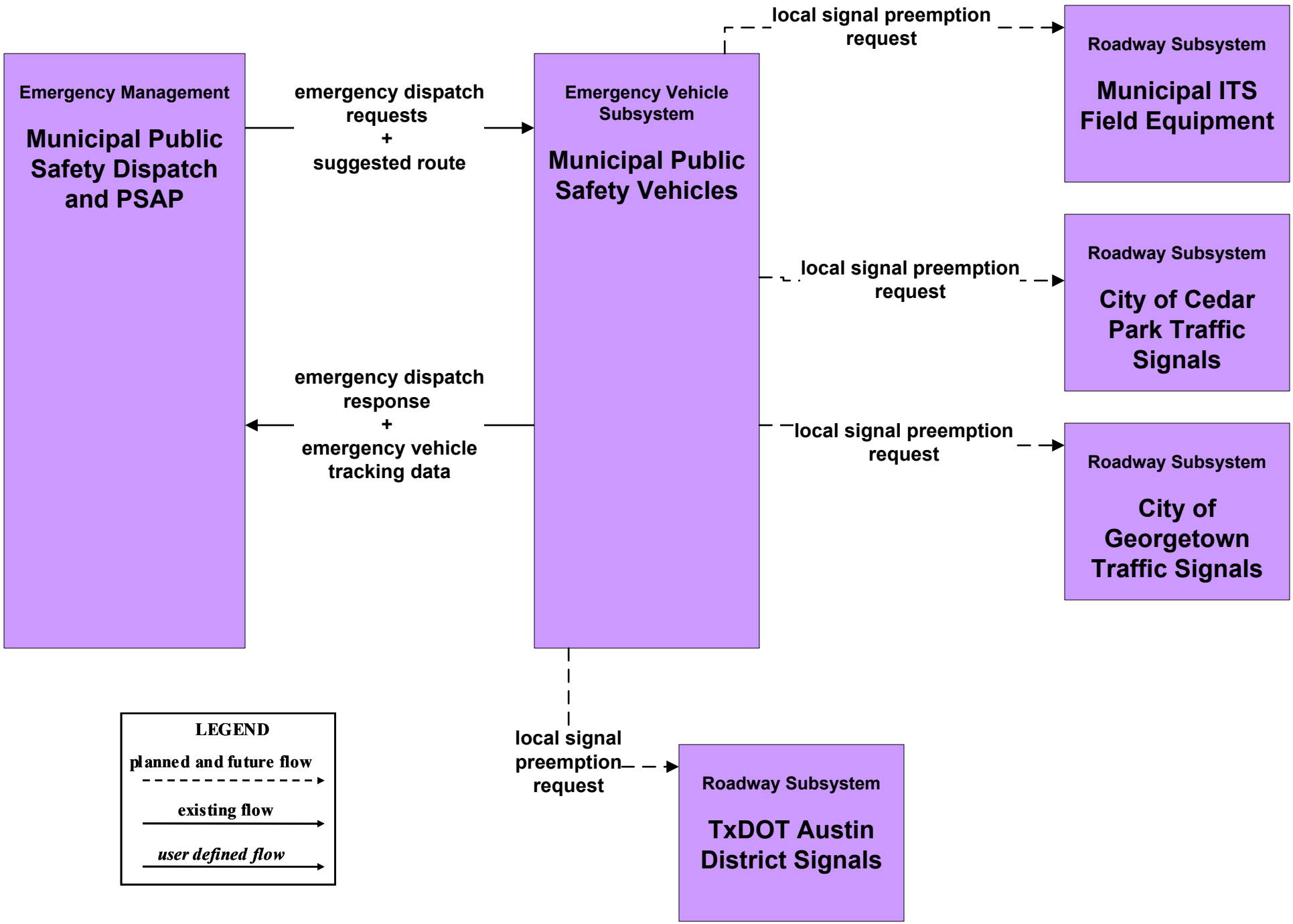
EM01 - Emergency Call-Taking and Dispatch
(Other EM to TMS/TRMS)



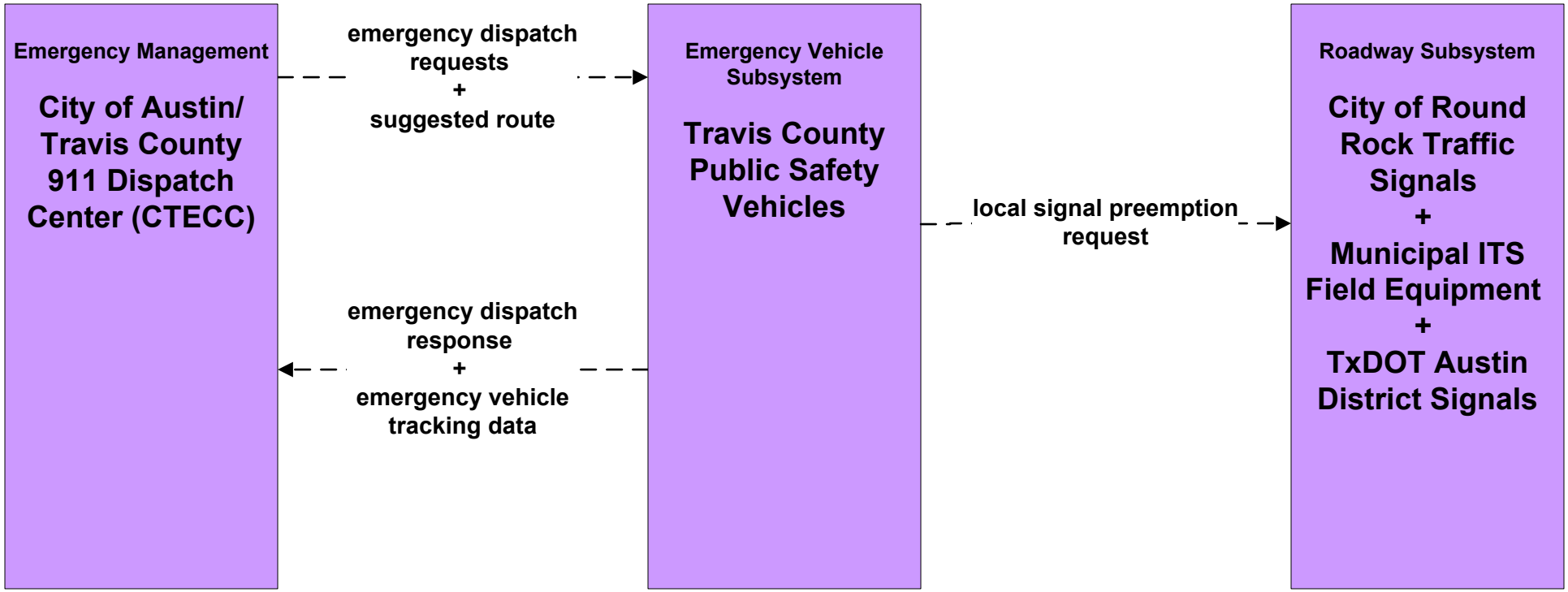
EM02 - Emergency Routing
City of Round Rock Fire Vehicles

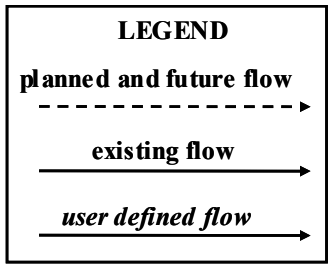


EM02 - Emergency Routing
Municipal Public Safety Vehicles

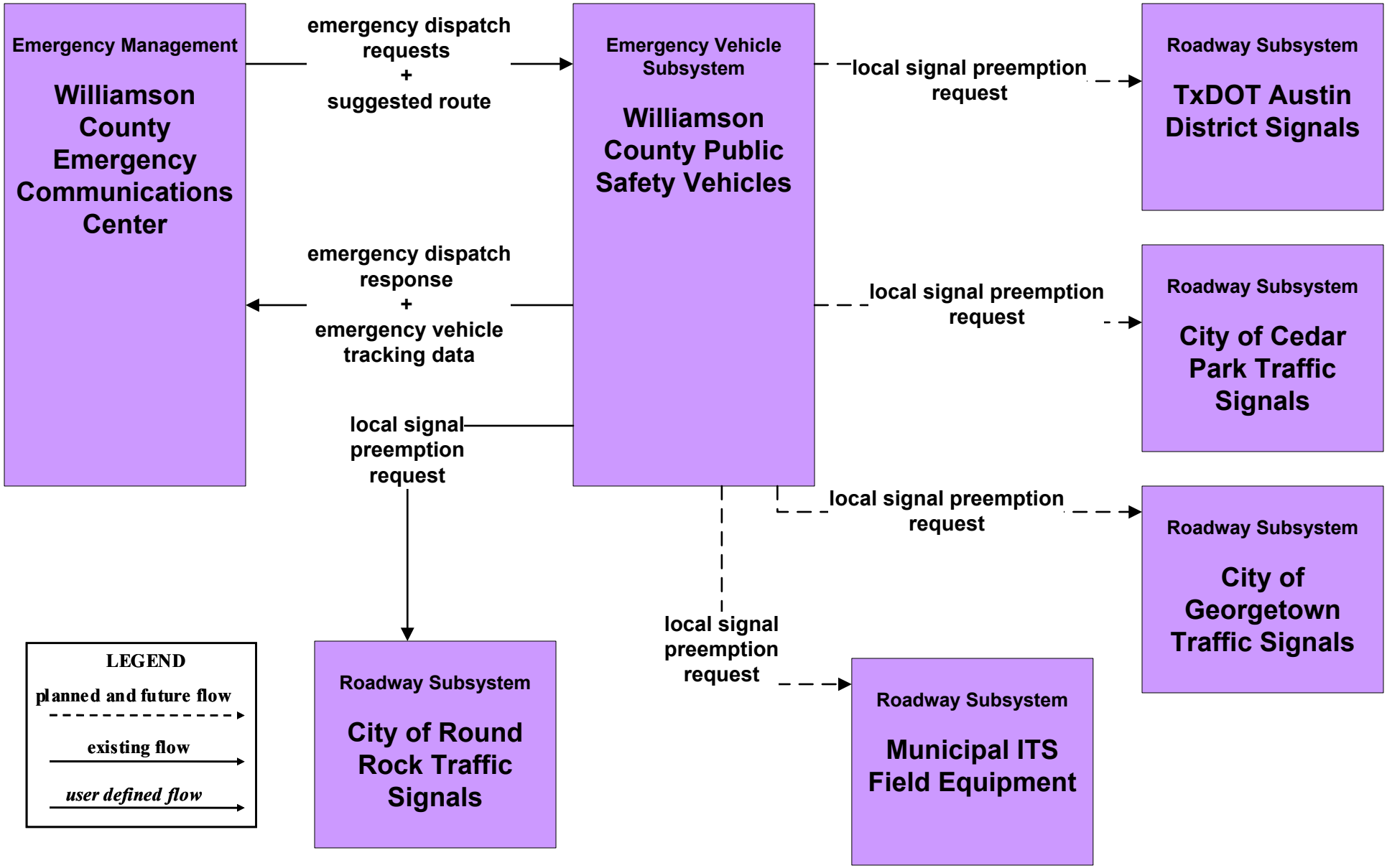


EM02 - Emergency Routing
Travis County Public Safety Vehicles

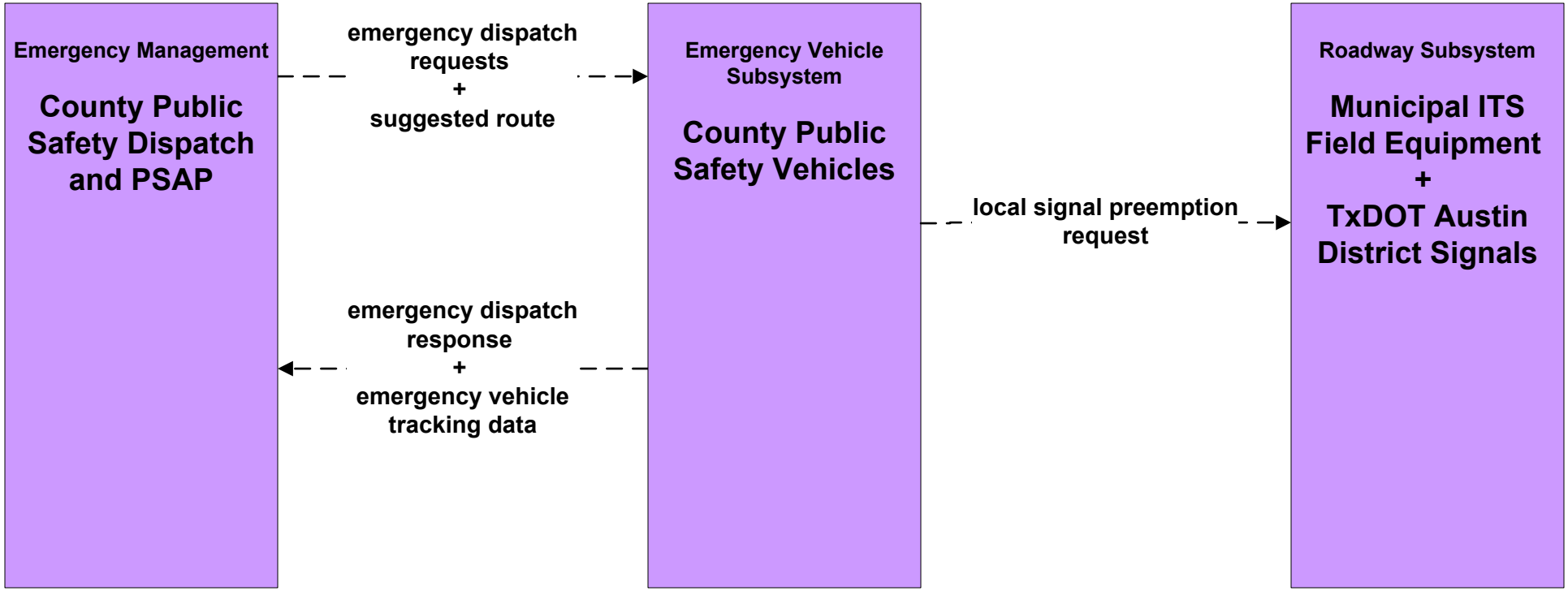


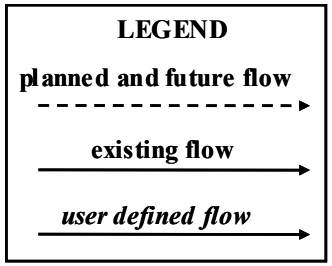


EM02 - Emergency Routing
Williamson County Public Safety Vehicles

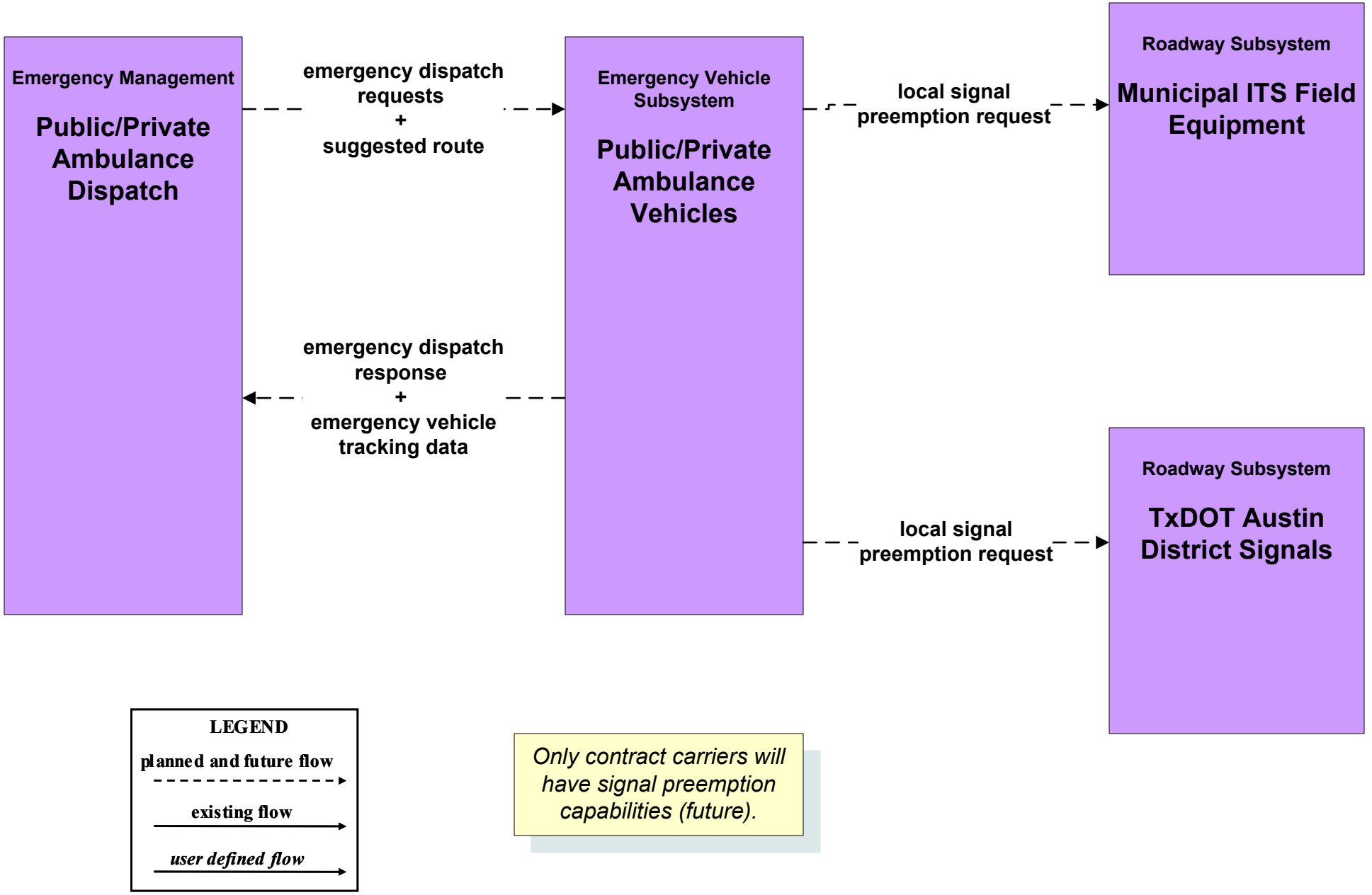


EM02 - Emergency Routing
County Public Safety Vehicles

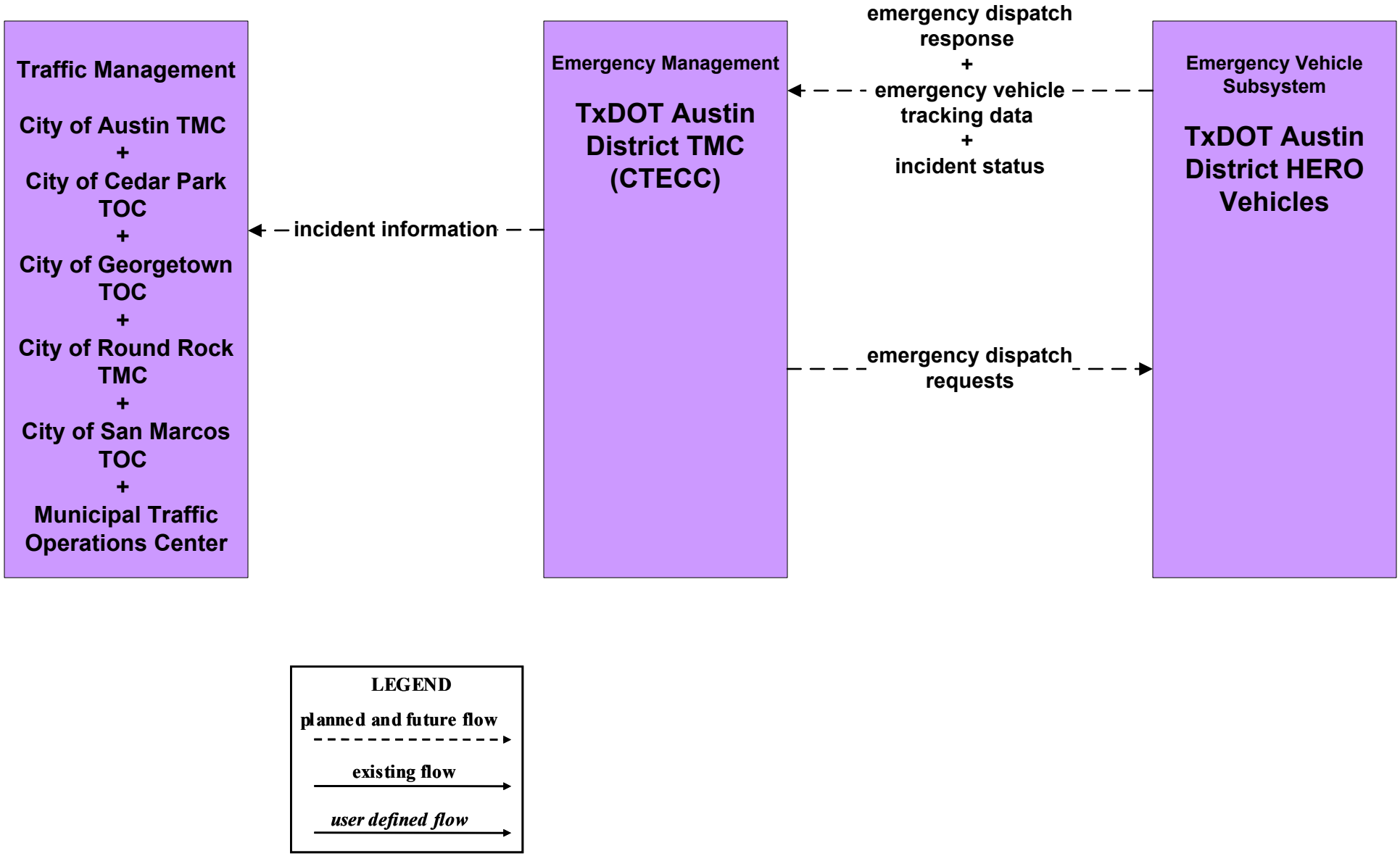




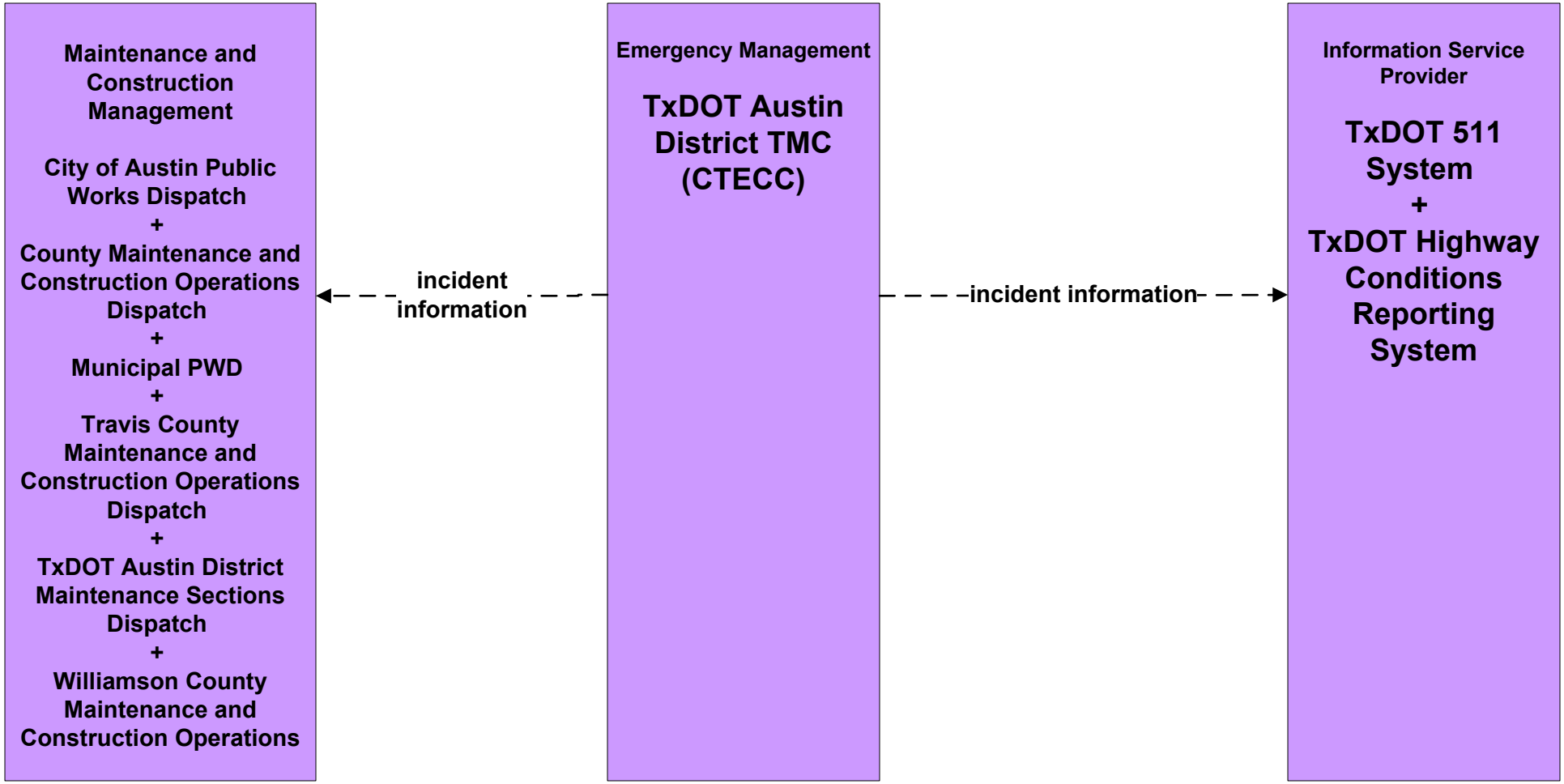
EM02 - Emergency Routing
Public/Private Ambulance Vehicles (2 of 2)

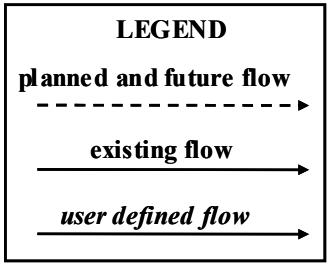


EM04 - Roadway Service Patrols
TxDOT Austin District HERO (1 of 2)

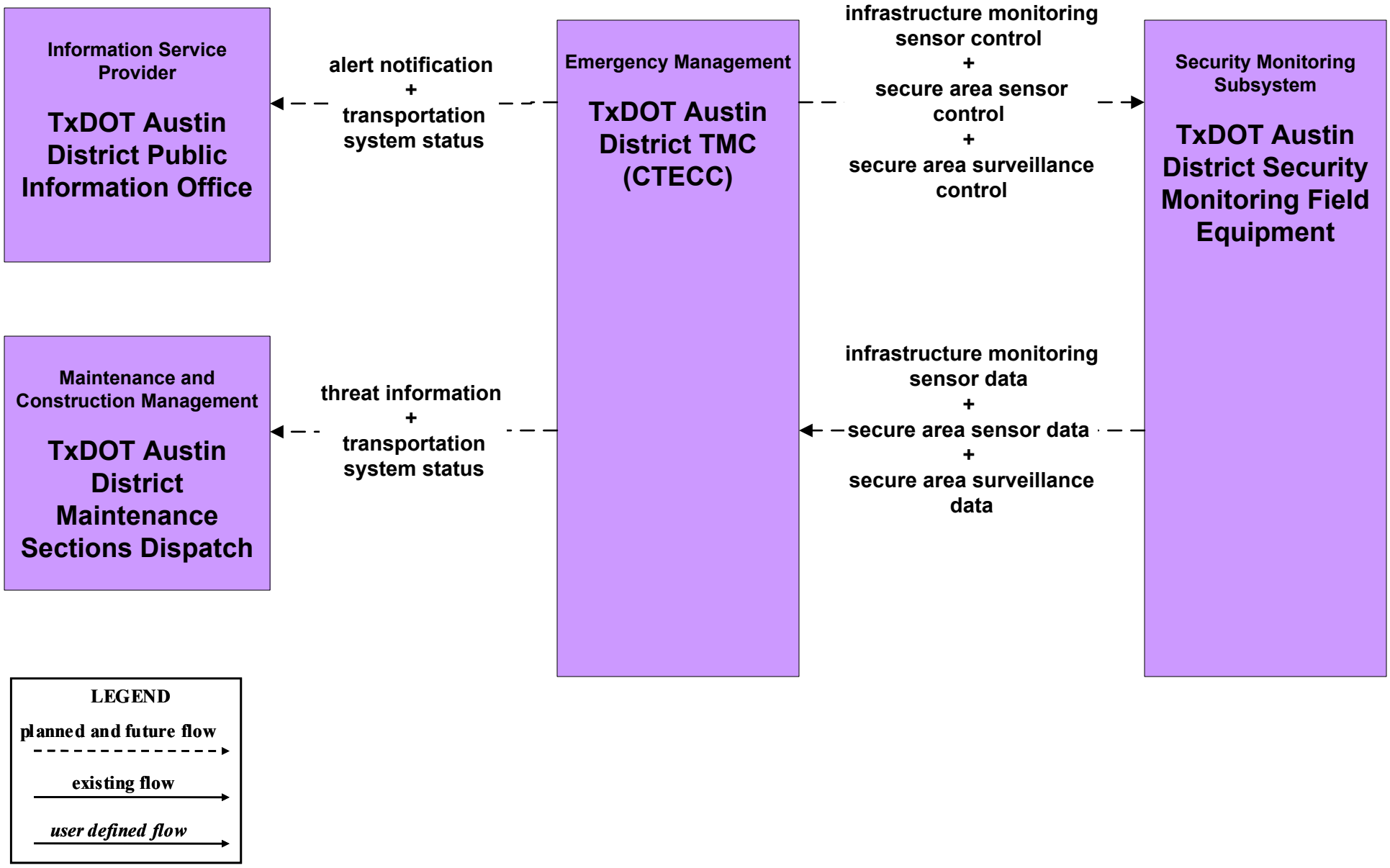


EM04 - Roadway Service Patrols
TxDOT Austin District HERO (2 of 2)

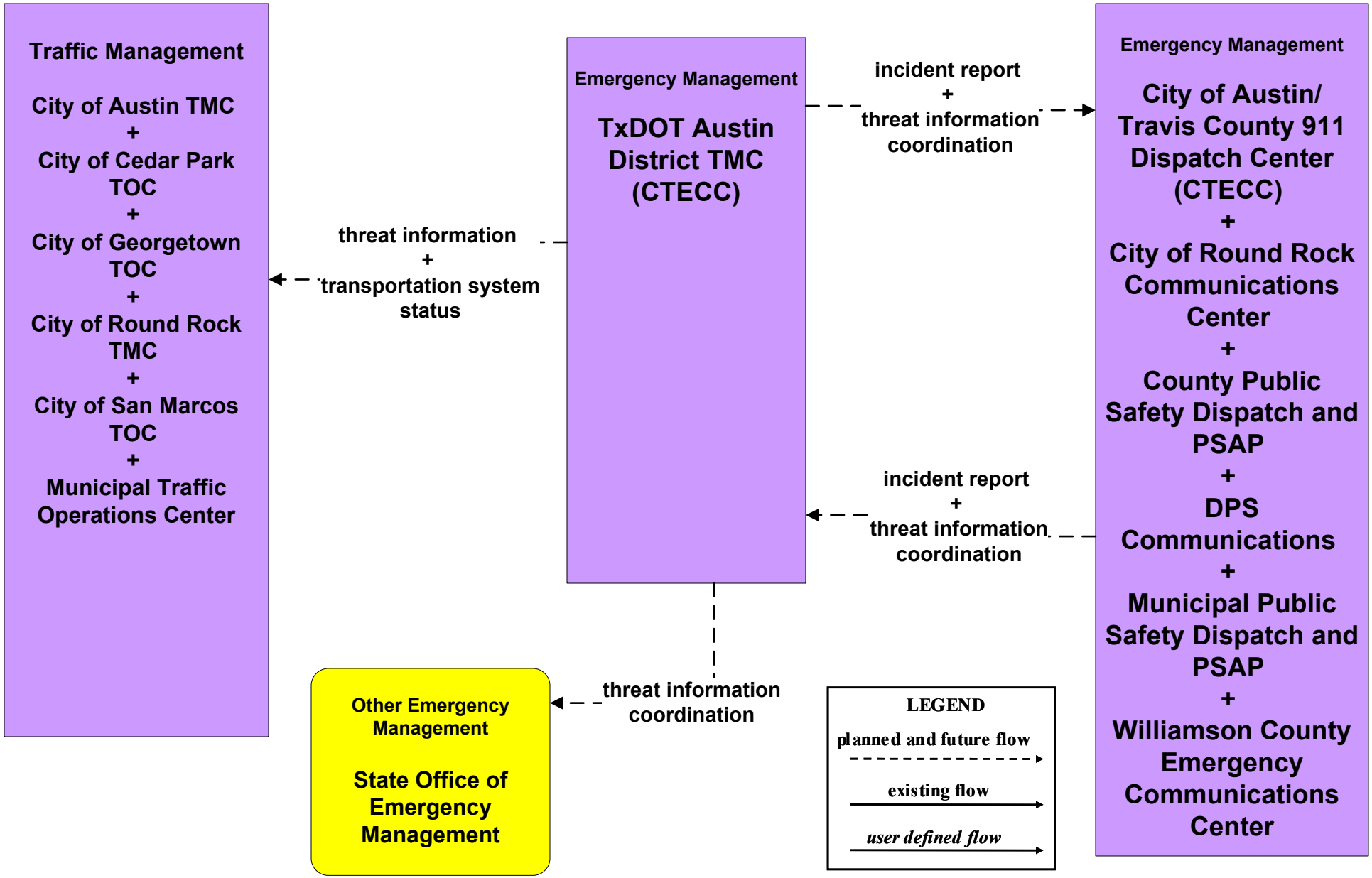




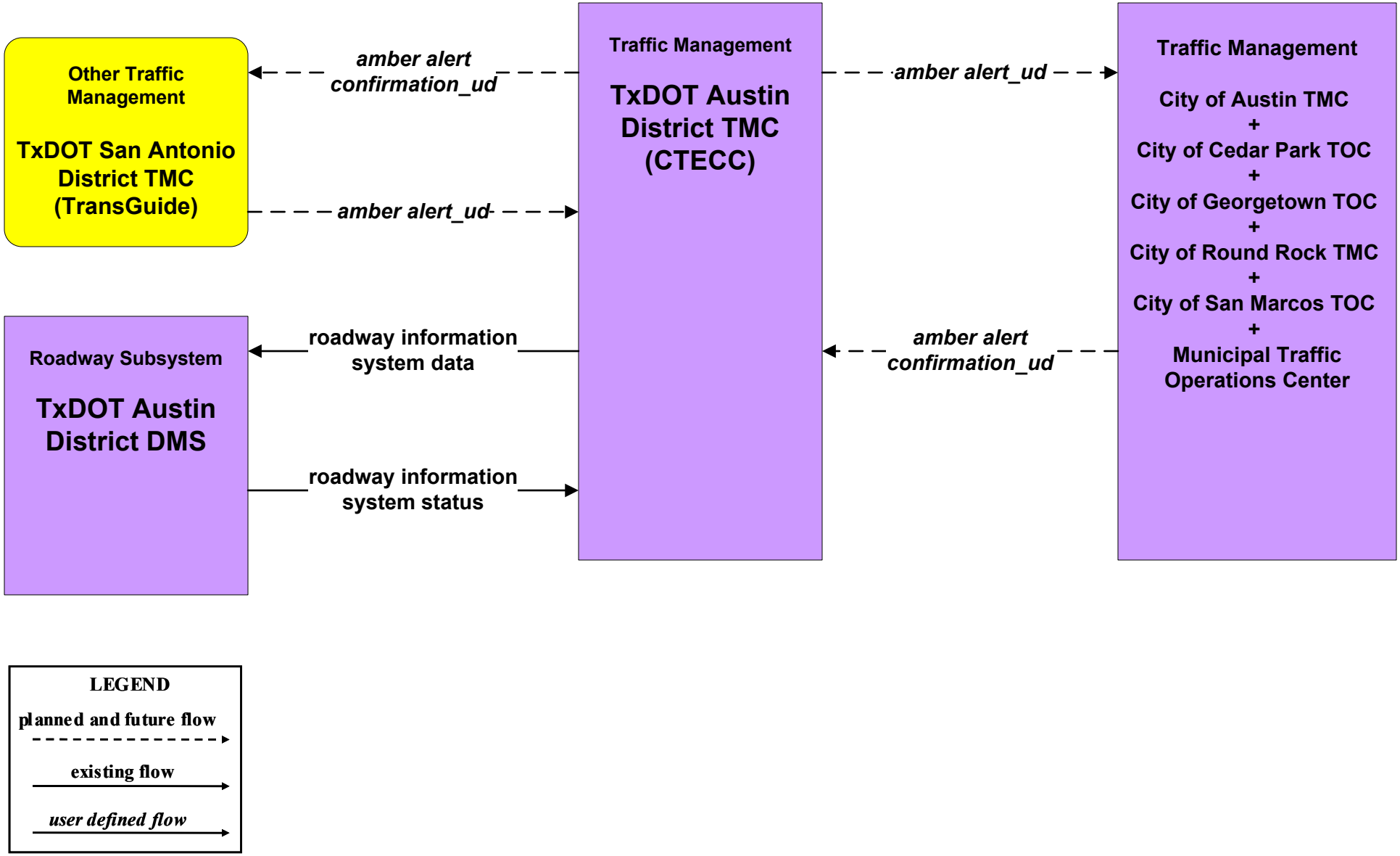
EM05 - Transportation Infrastructure Protection
TxDOT Austin District TMC (CTECC) (1 of 2)



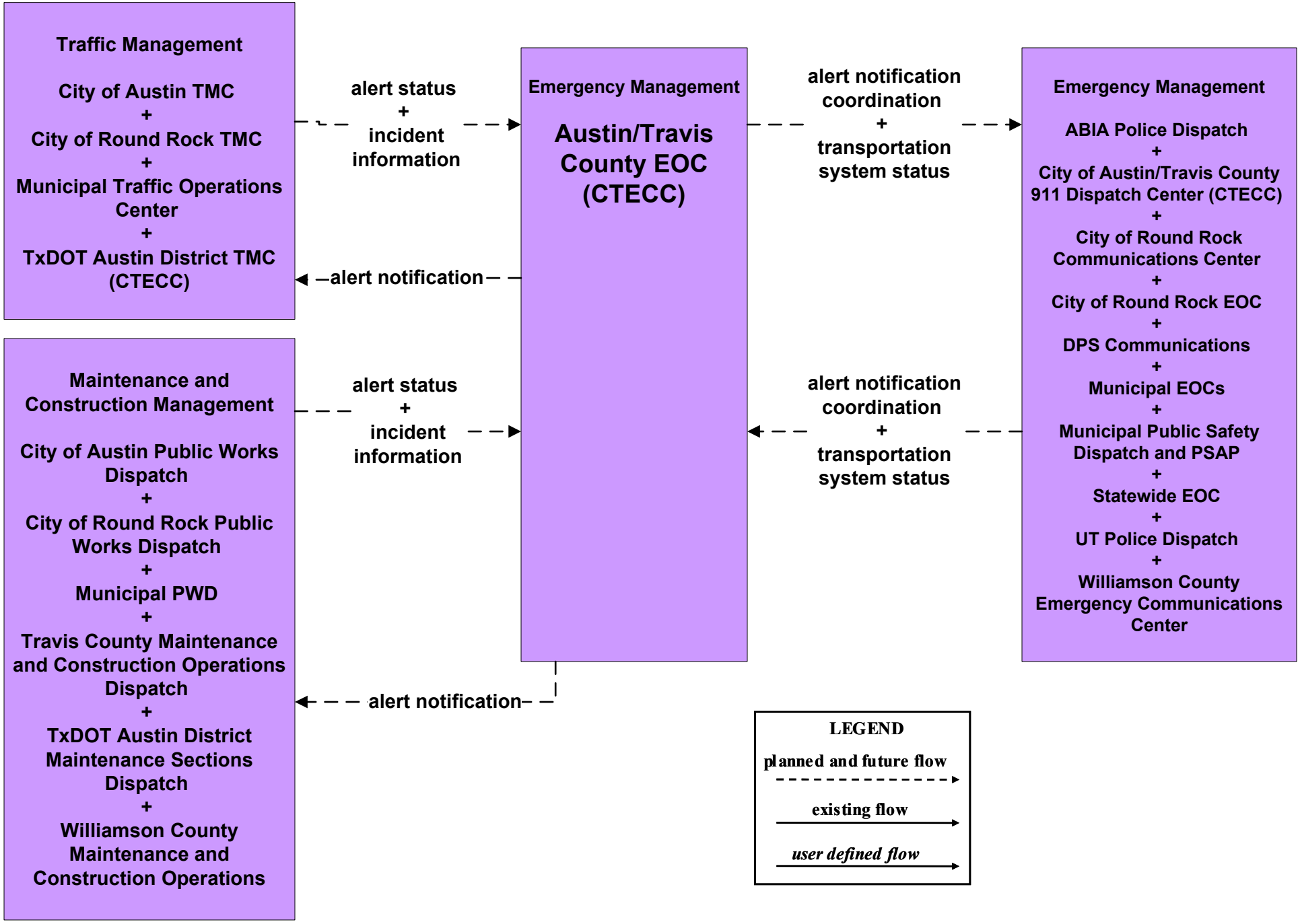
EM05 - Transportation Infrastructure Protection
TxDOT Austin District TMC (CTECC) (2 of 2)



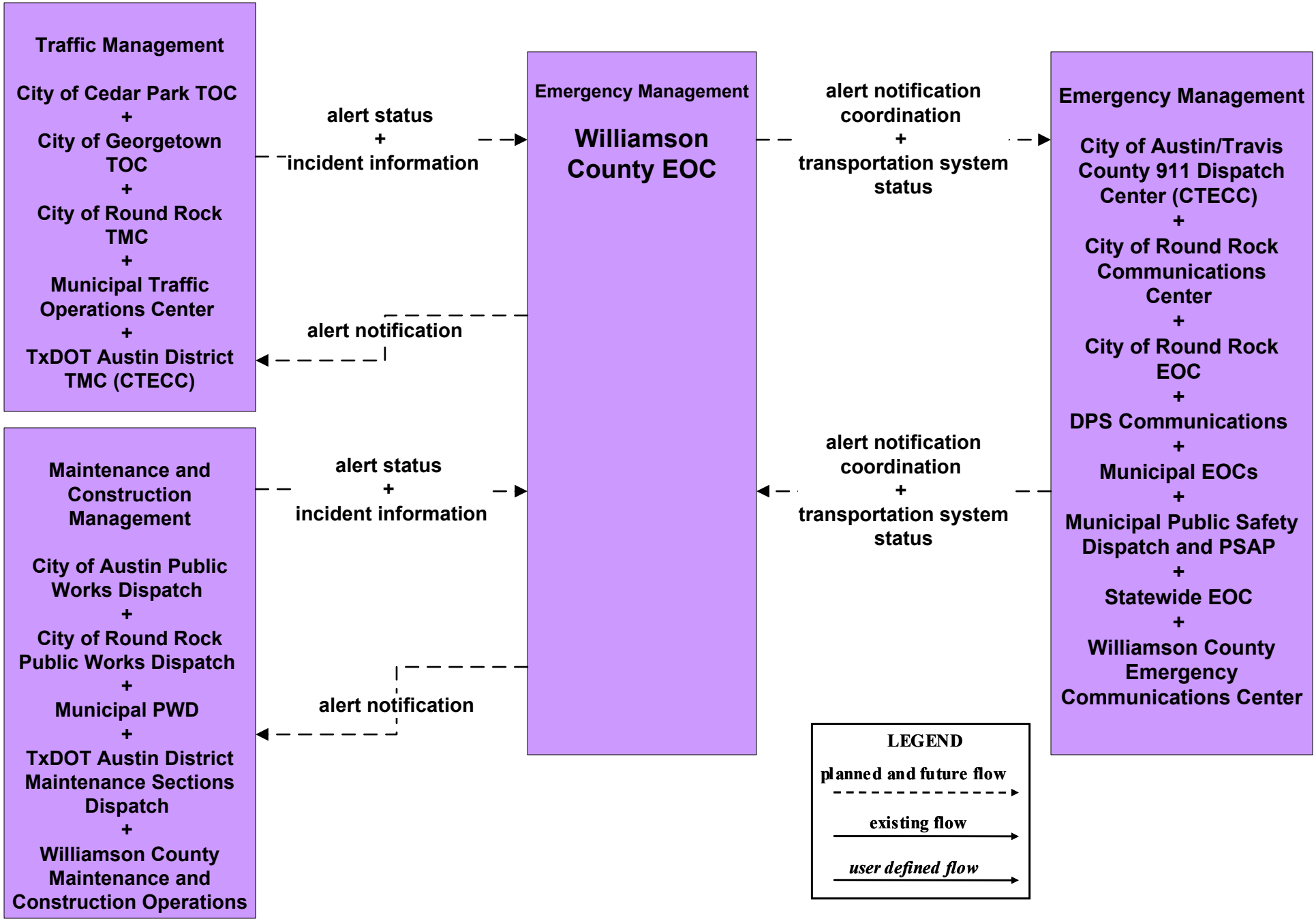
EM06 - Wide Area Alert
Statewide Amber Alert (2 of 2)



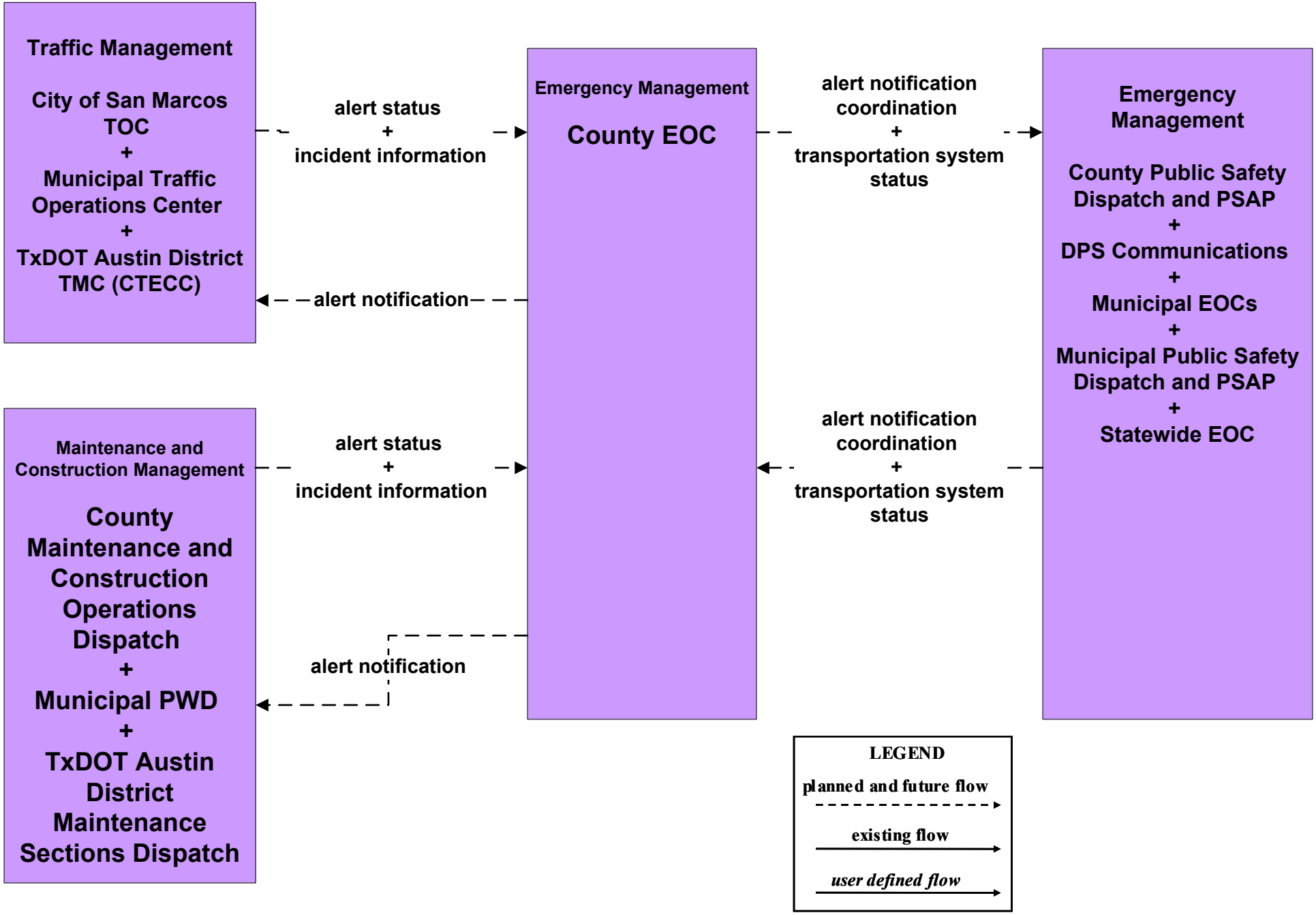
EM06 - Wide Area Alert
Austin/Travis County EOC (CTECC)



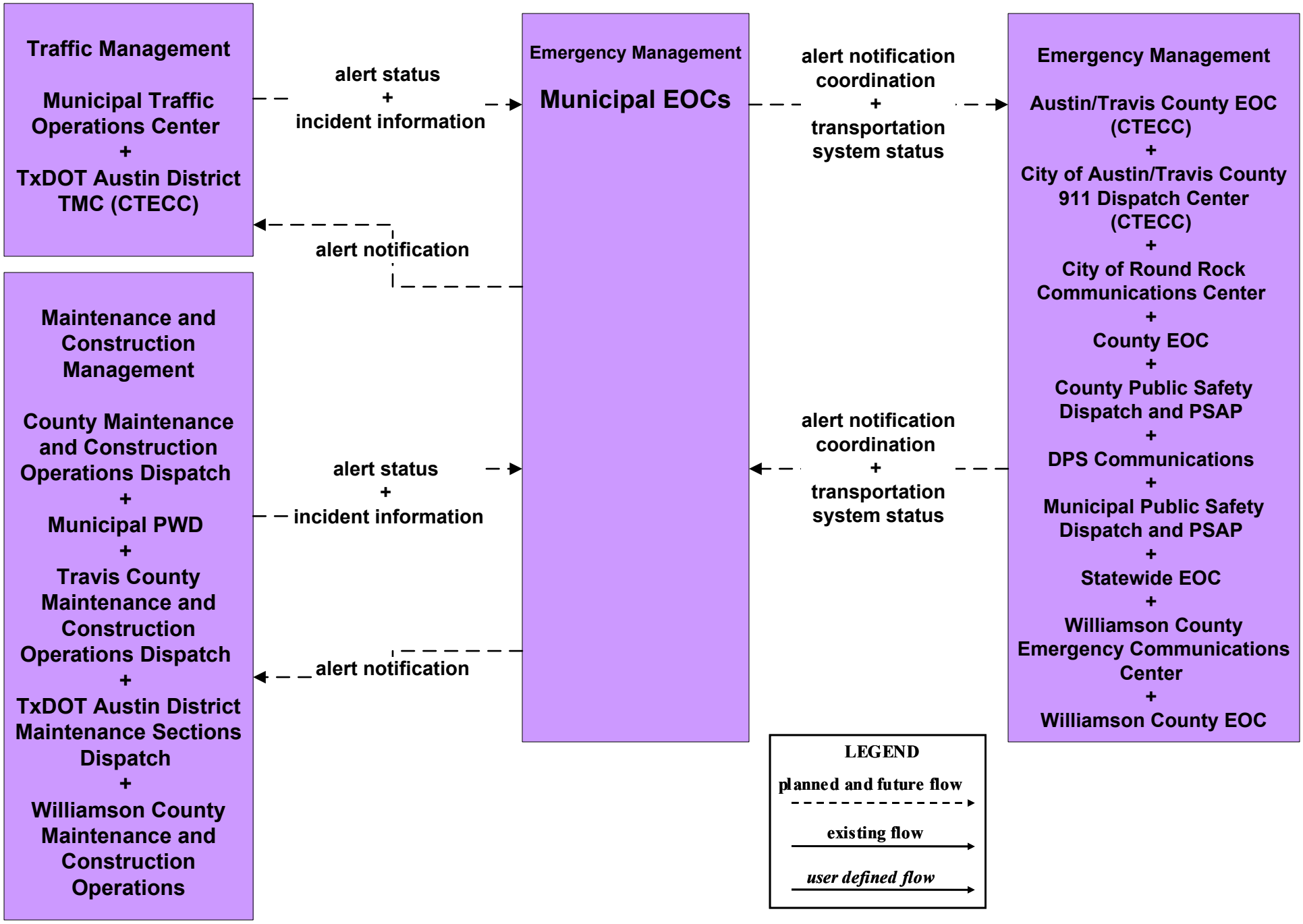
EM06 - Wide Area Alert
Williamson County EOC



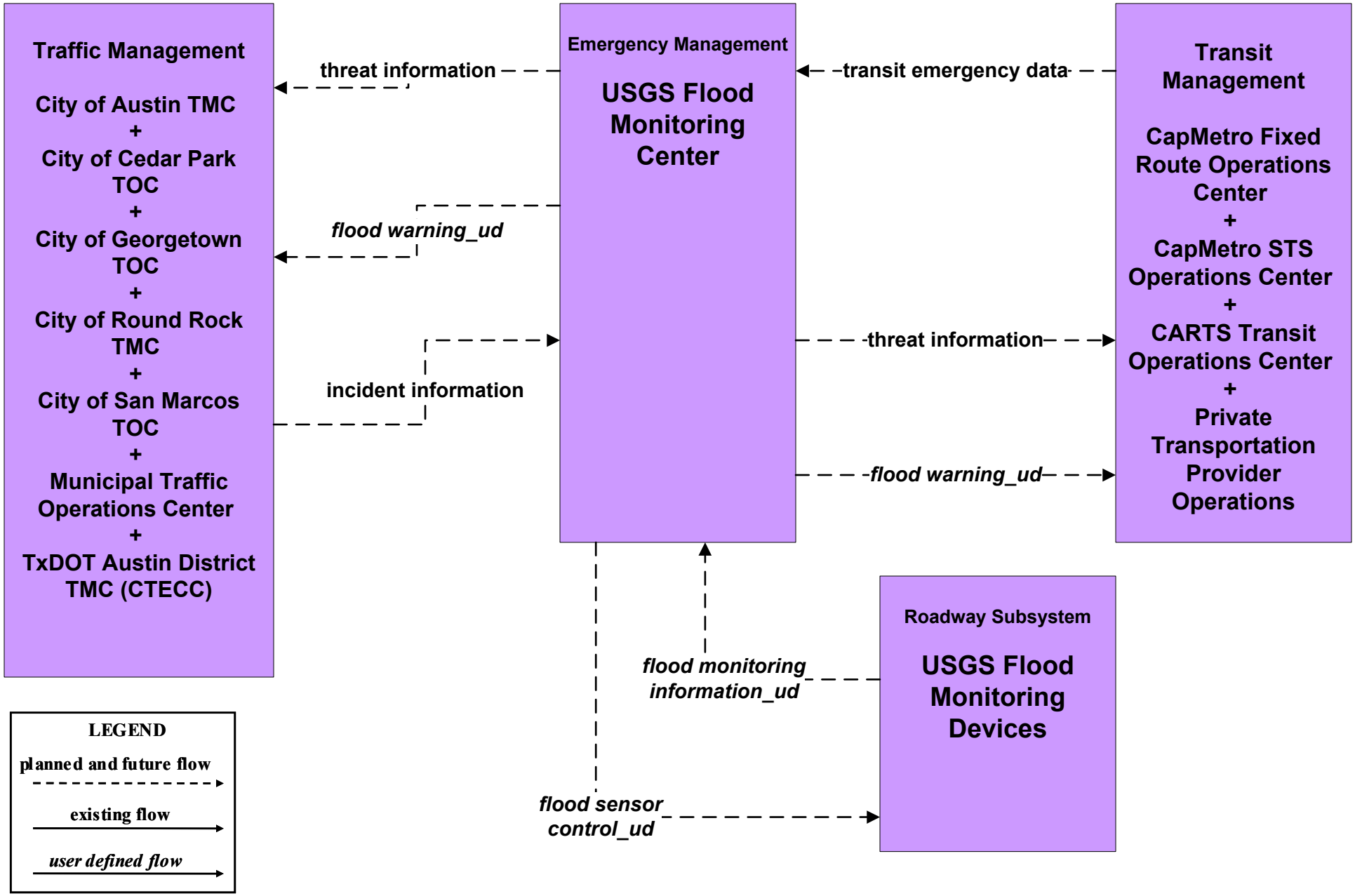
EM06 - Wide Area Alert
County EOC



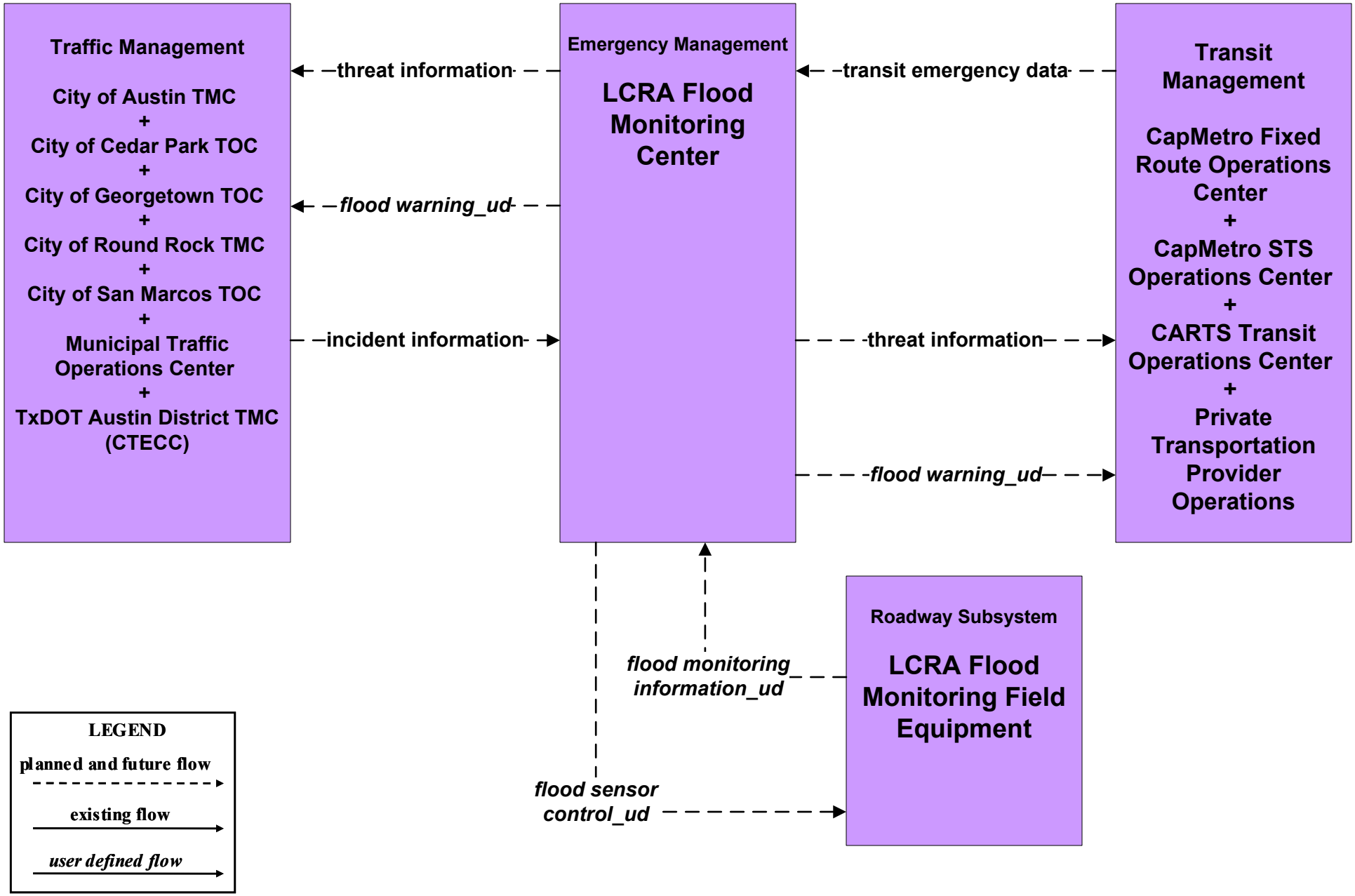
EM06 - Wide Area Alert
Municipal EOCs



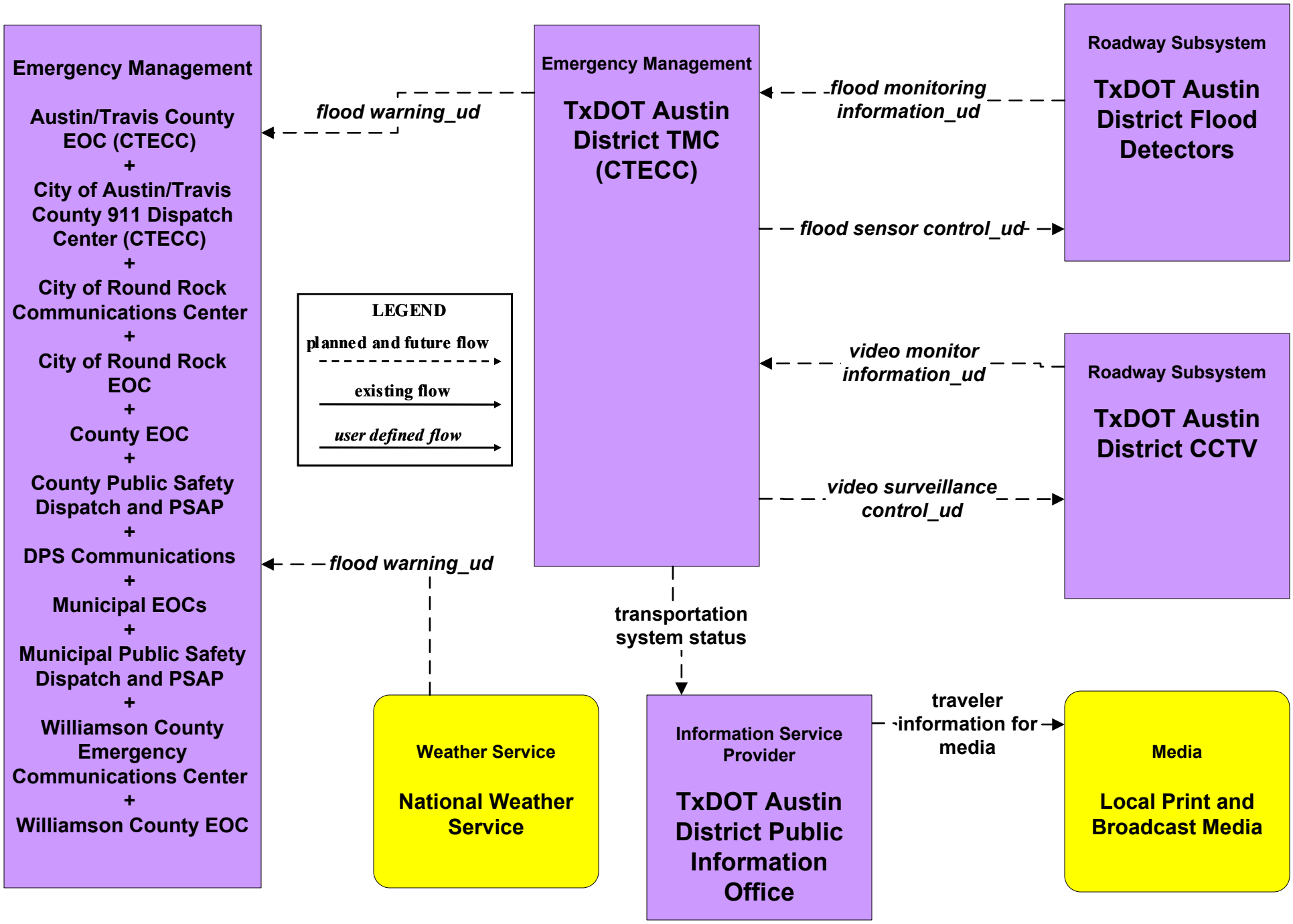
EM07 - Early Warning System
USGS – Flood Information Dissemination



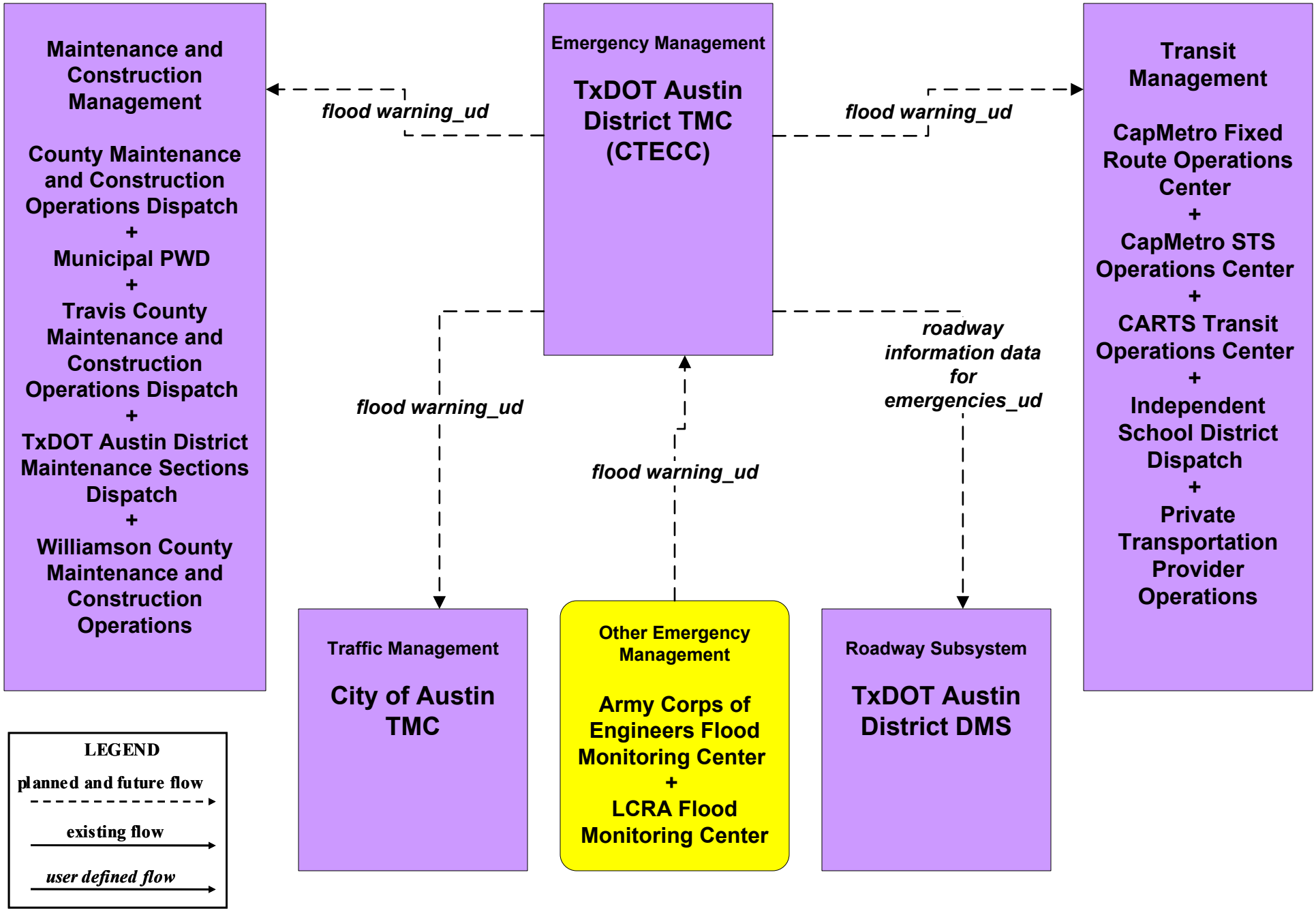
EM07 - Early Warning System
LCRA – Flood Information Dissemination



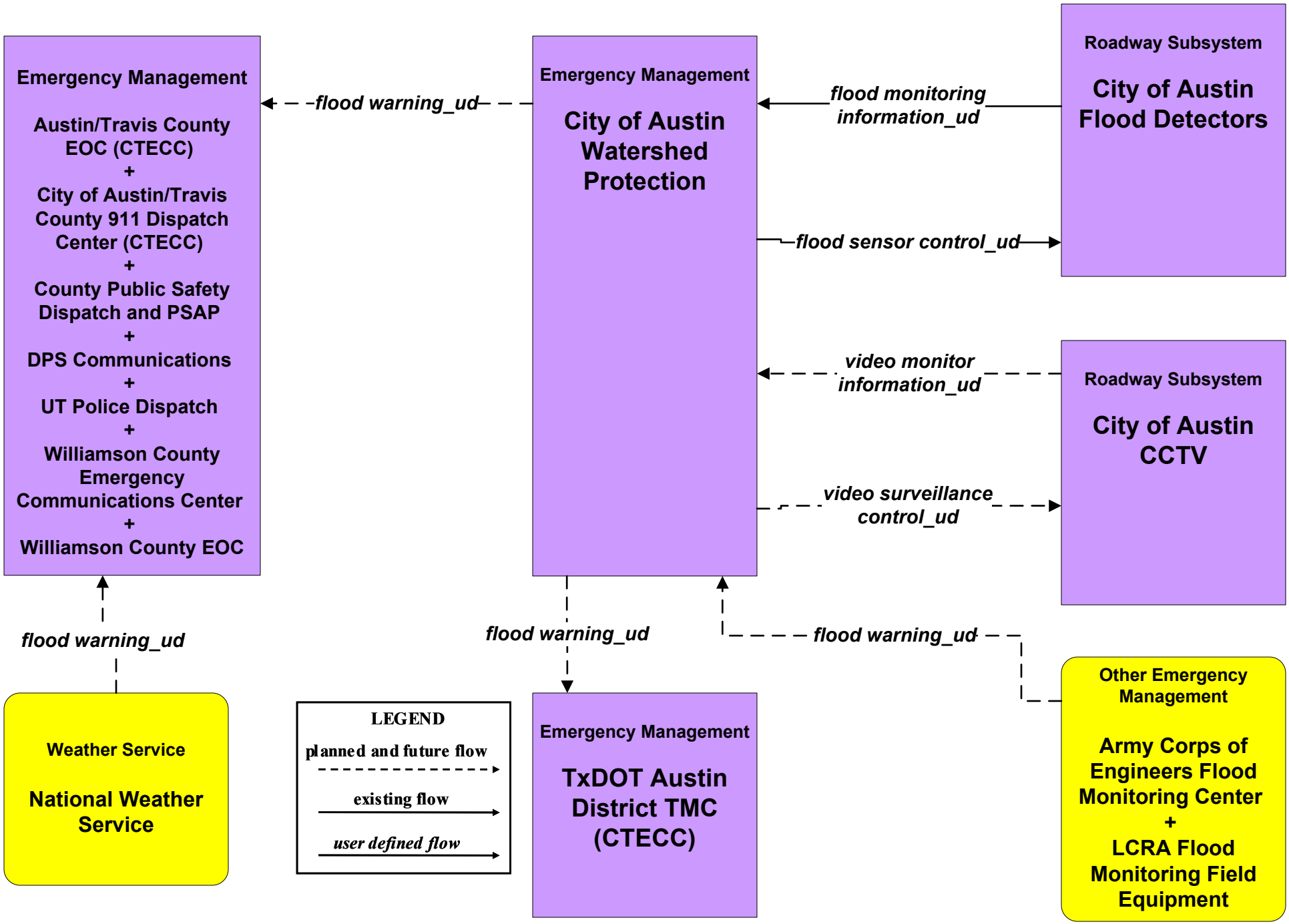
EM07 - Early Warning System
Flood Monitoring – TxDOT (1 of 2)



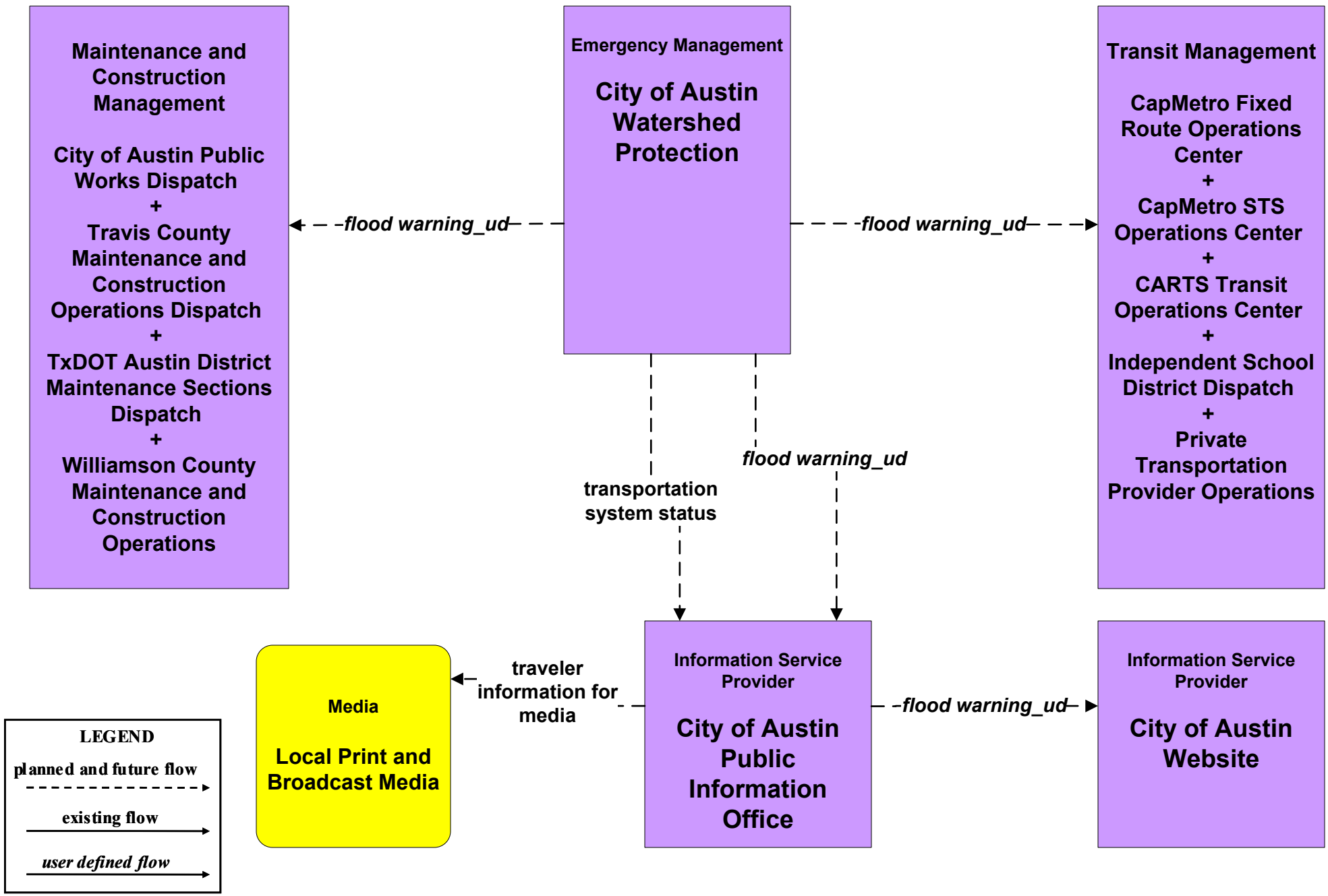
EM07 - Early Warning System
Flood Monitoring – TxDOT (2 of 2)



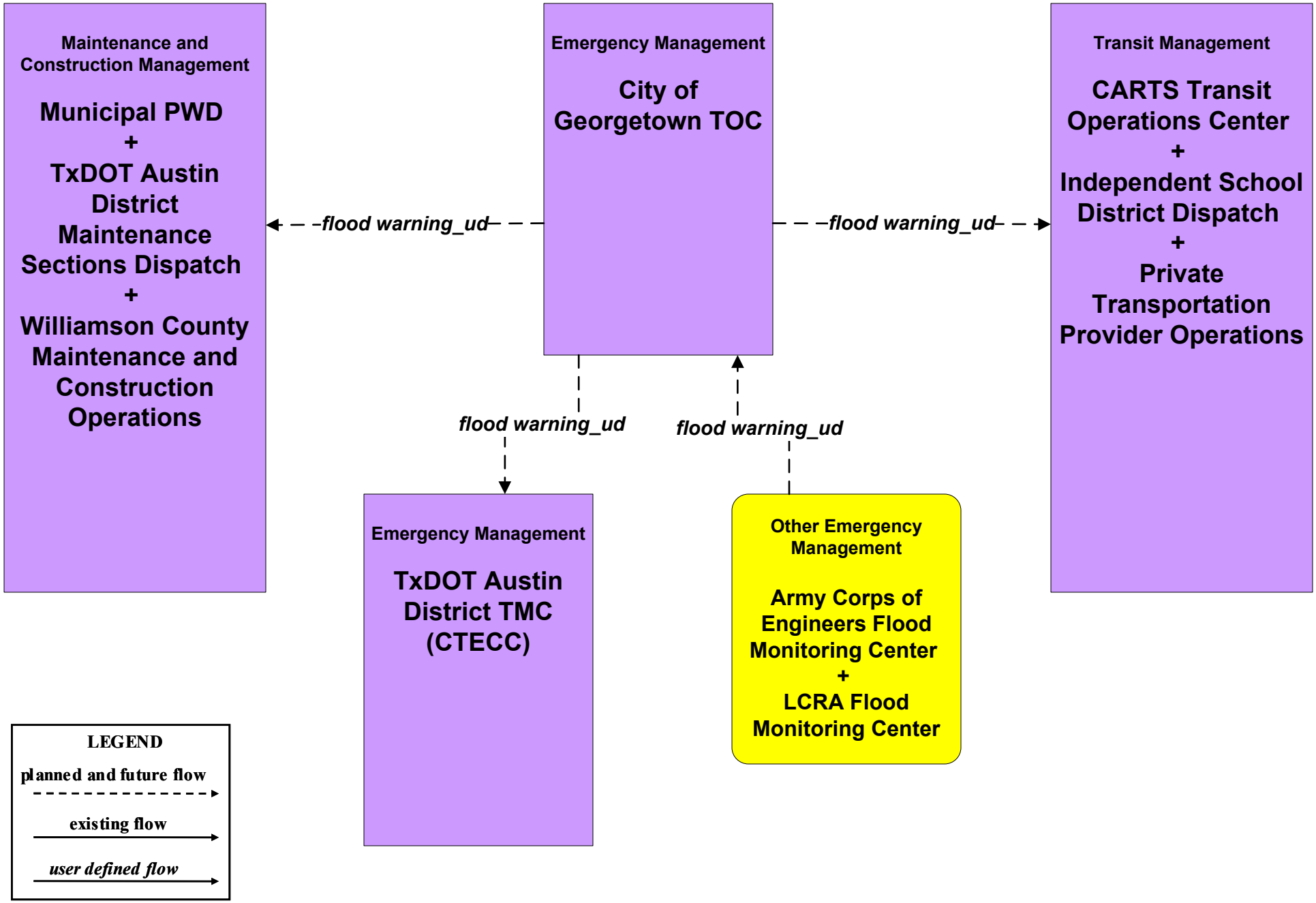
EM07 - Early Warning System
Flood Monitoring – City of Austin (1 of 2)



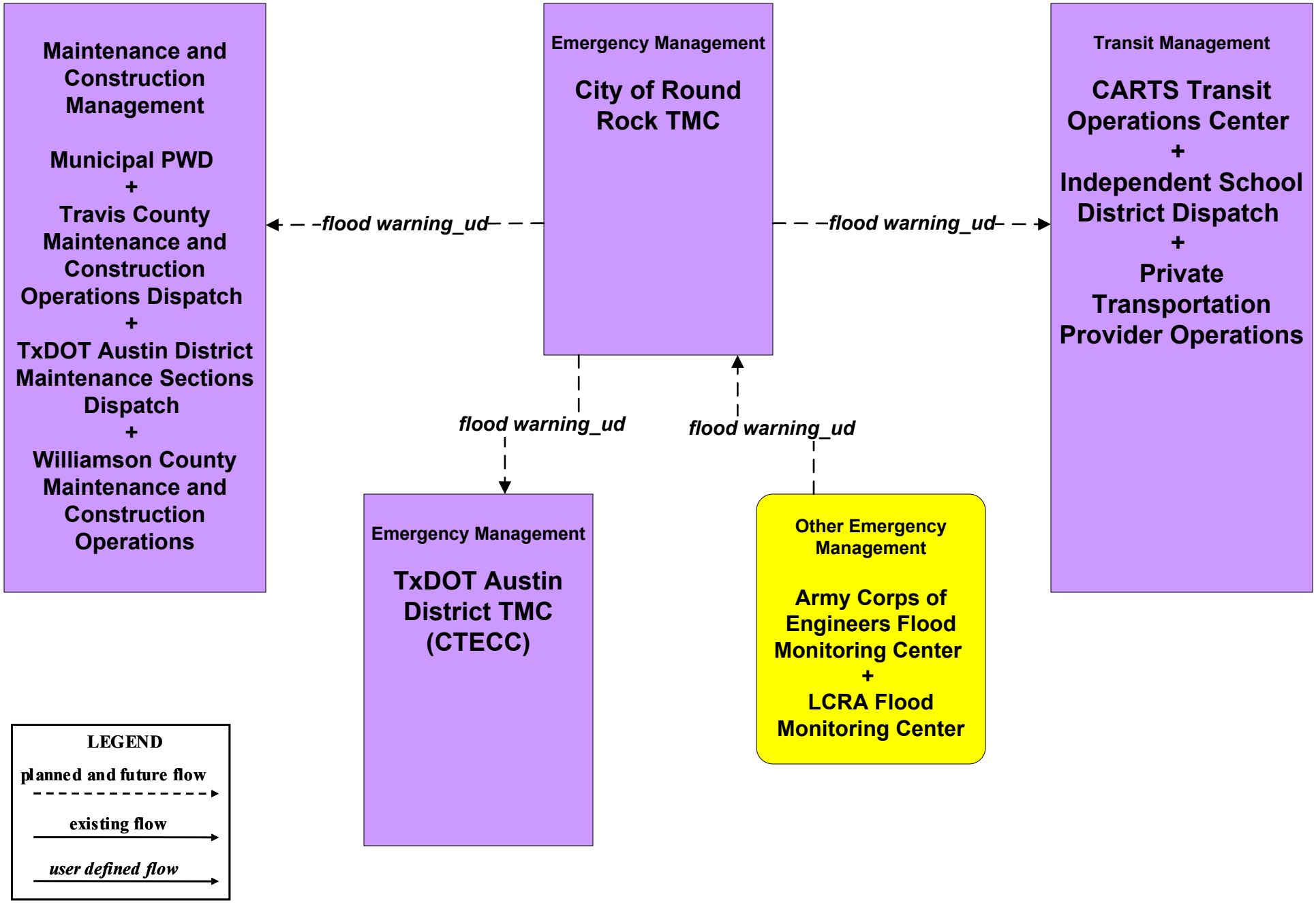
EM07 - Early Warning System
Flood Monitoring – City of Austin (2 of 2)



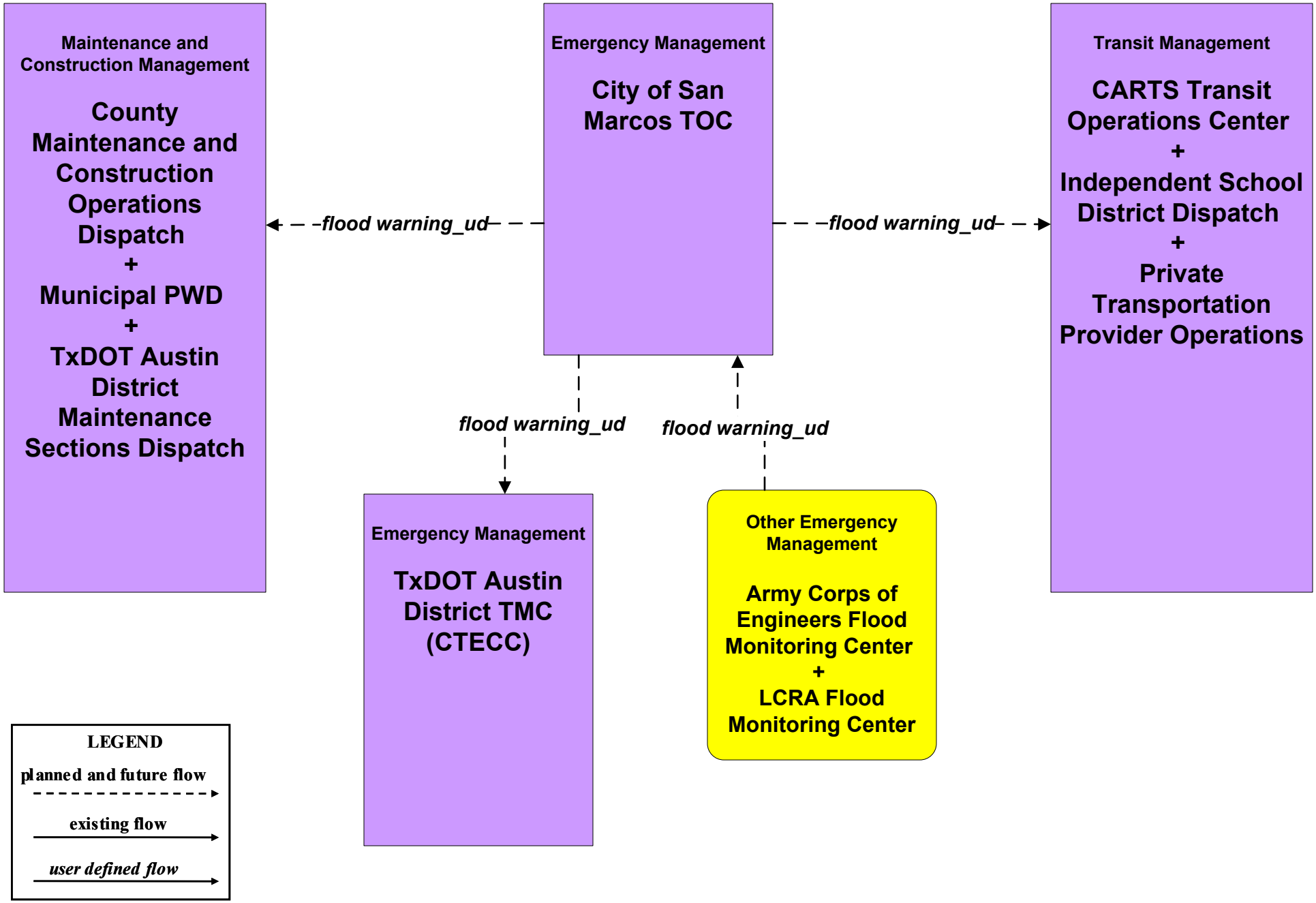
EM07 - Early Warning System
Flood Monitoring – City of Georgetown (2 of 2)



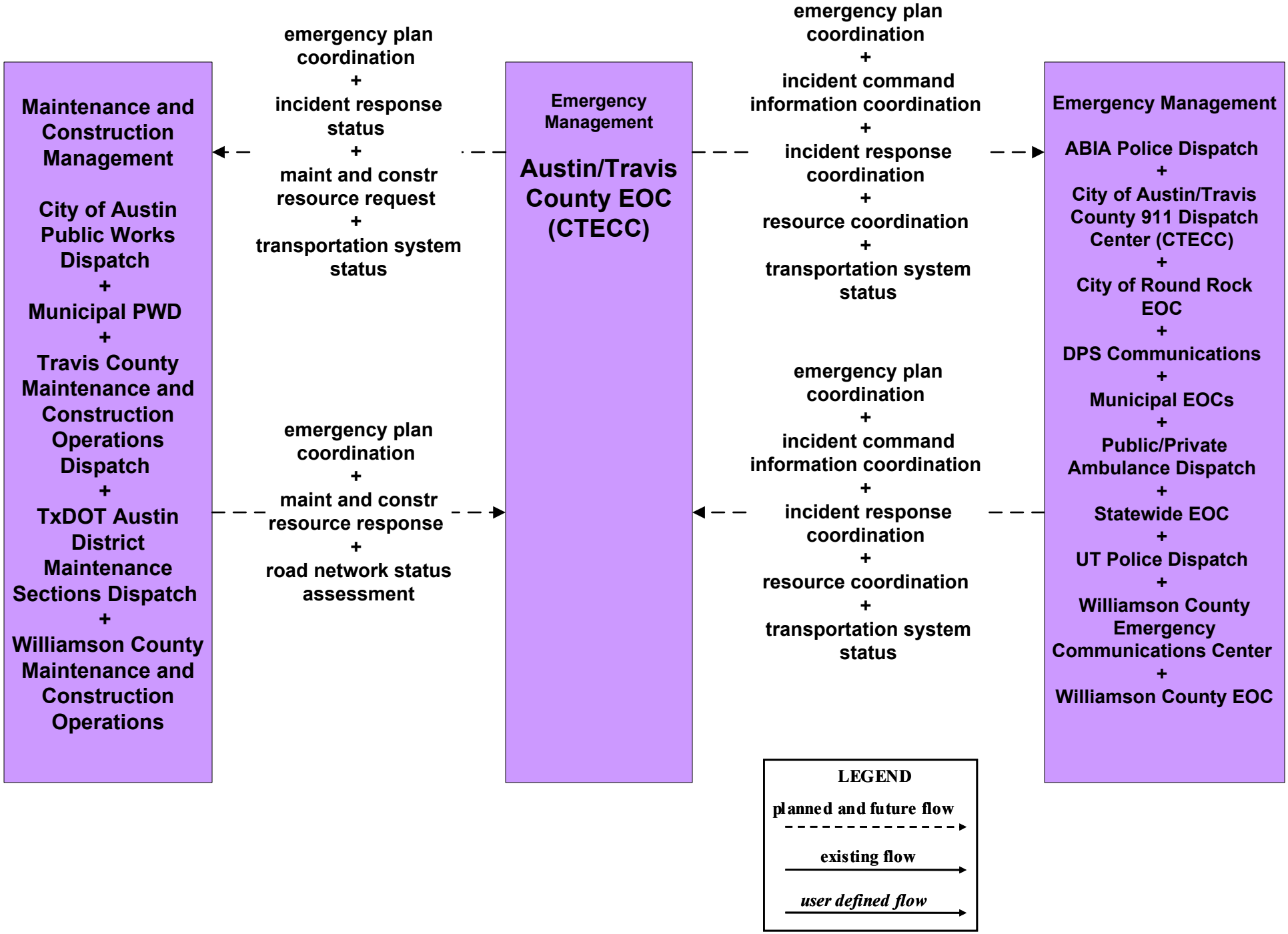
EM07 - Early Warning System
Flood Monitoring – City of Round Rock (2 of 2)



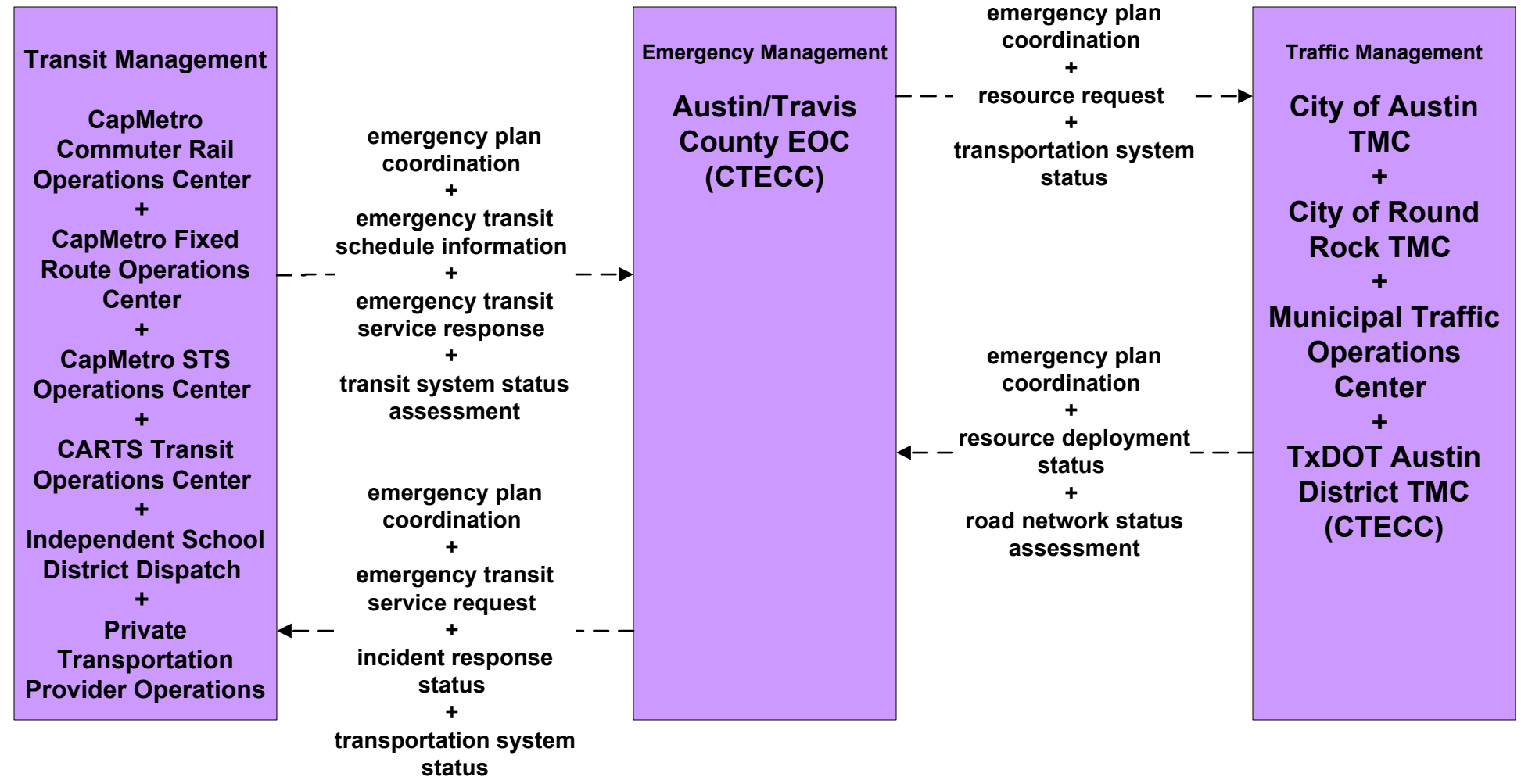
EM07 - Early Warning System
Flood Monitoring – City of San Marcos (2 of 2)



EM08 - Disaster Response and Recovery
Austin/Travis County EOC (CTECC) (1 of 2)



EM08 - Disaster Response and Recovery
Austin/Travis County EOC (CTECC) (2 of 2)



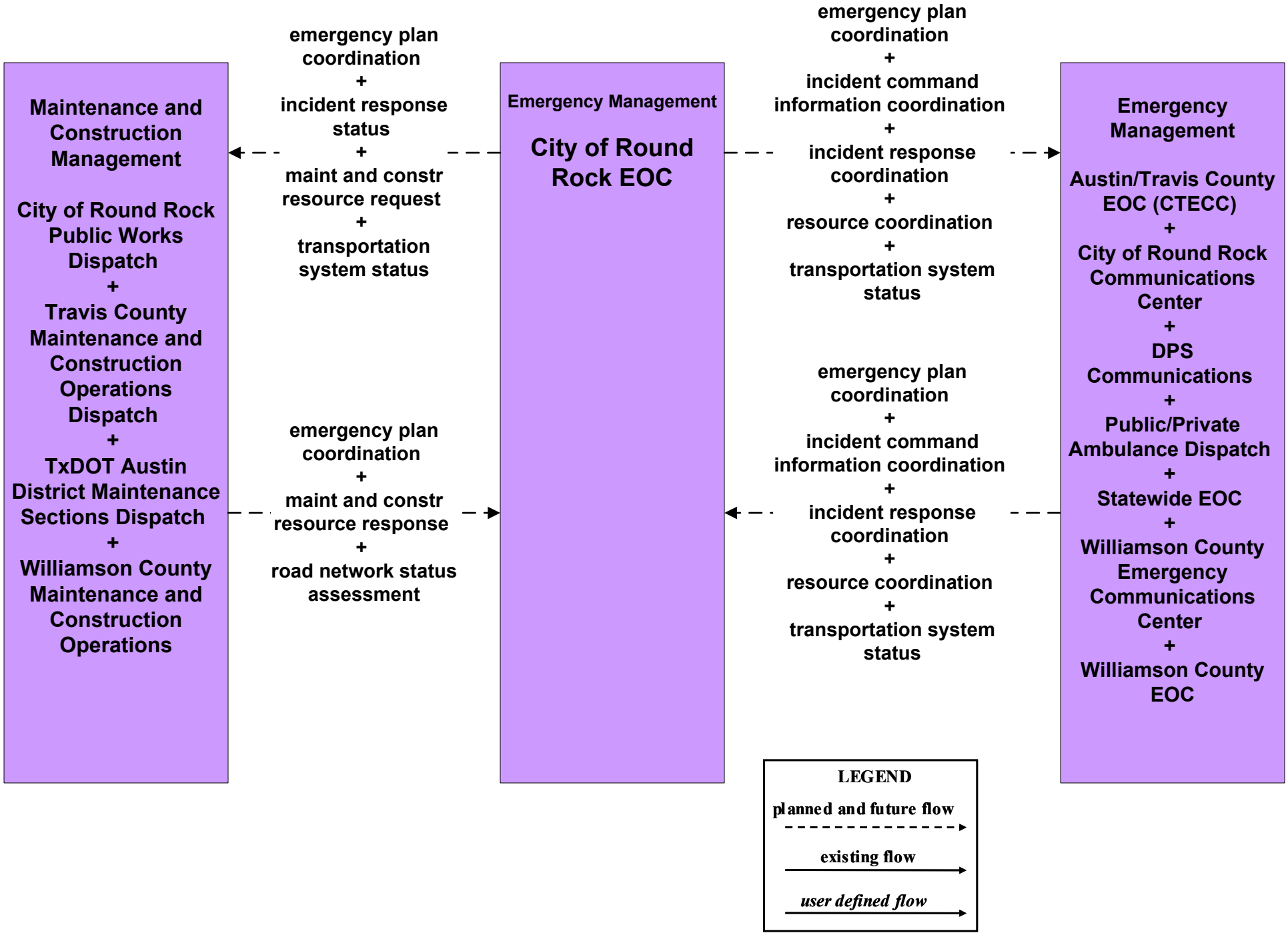
LEGEND

planned and future flow

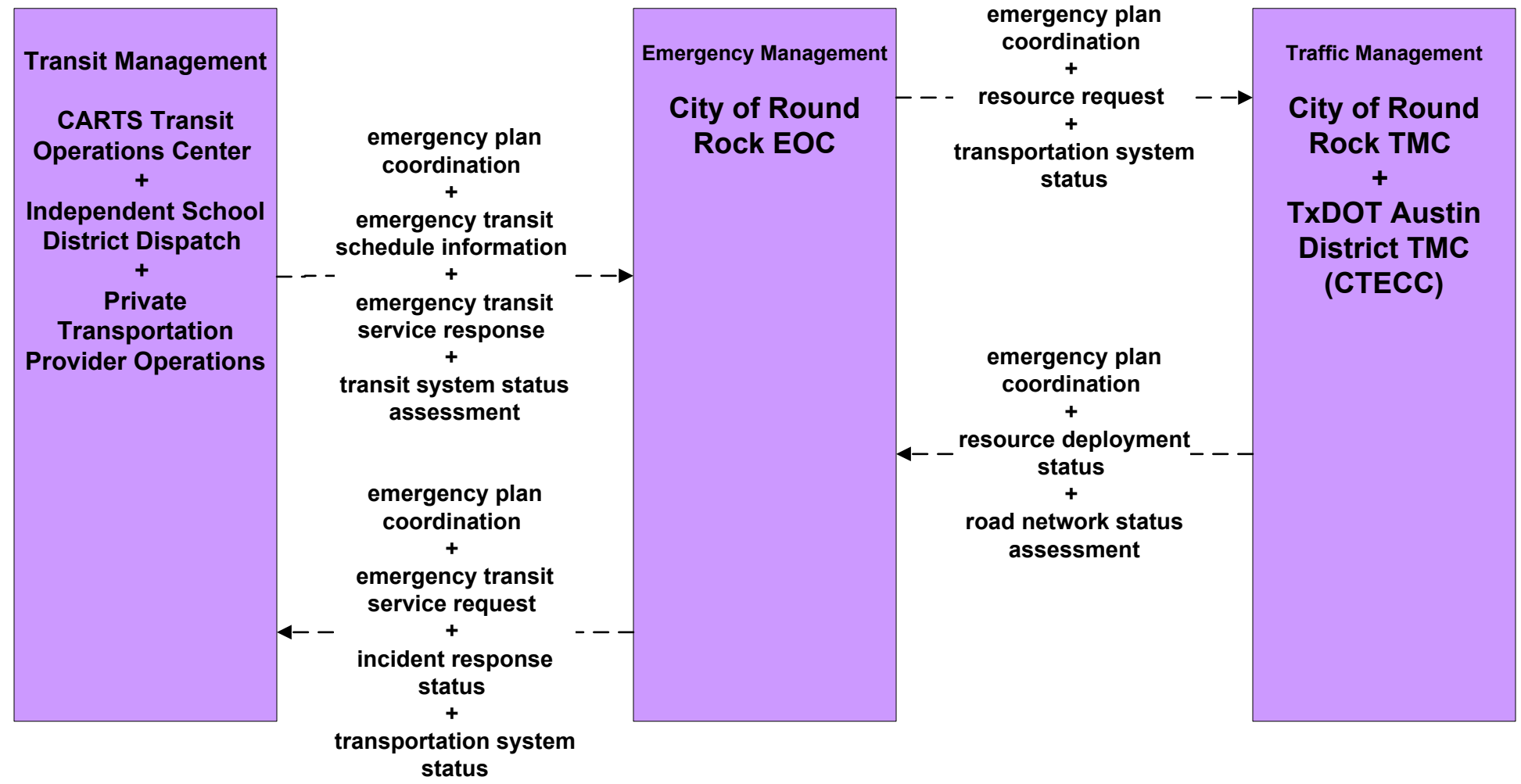
existing flow

user defined flow

EM08 - Disaster Response and Recovery
City of Round Rock EOC (1 of 2)



EM08 - Disaster Response and Recovery
City of Round Rock EOC (2 of 2)



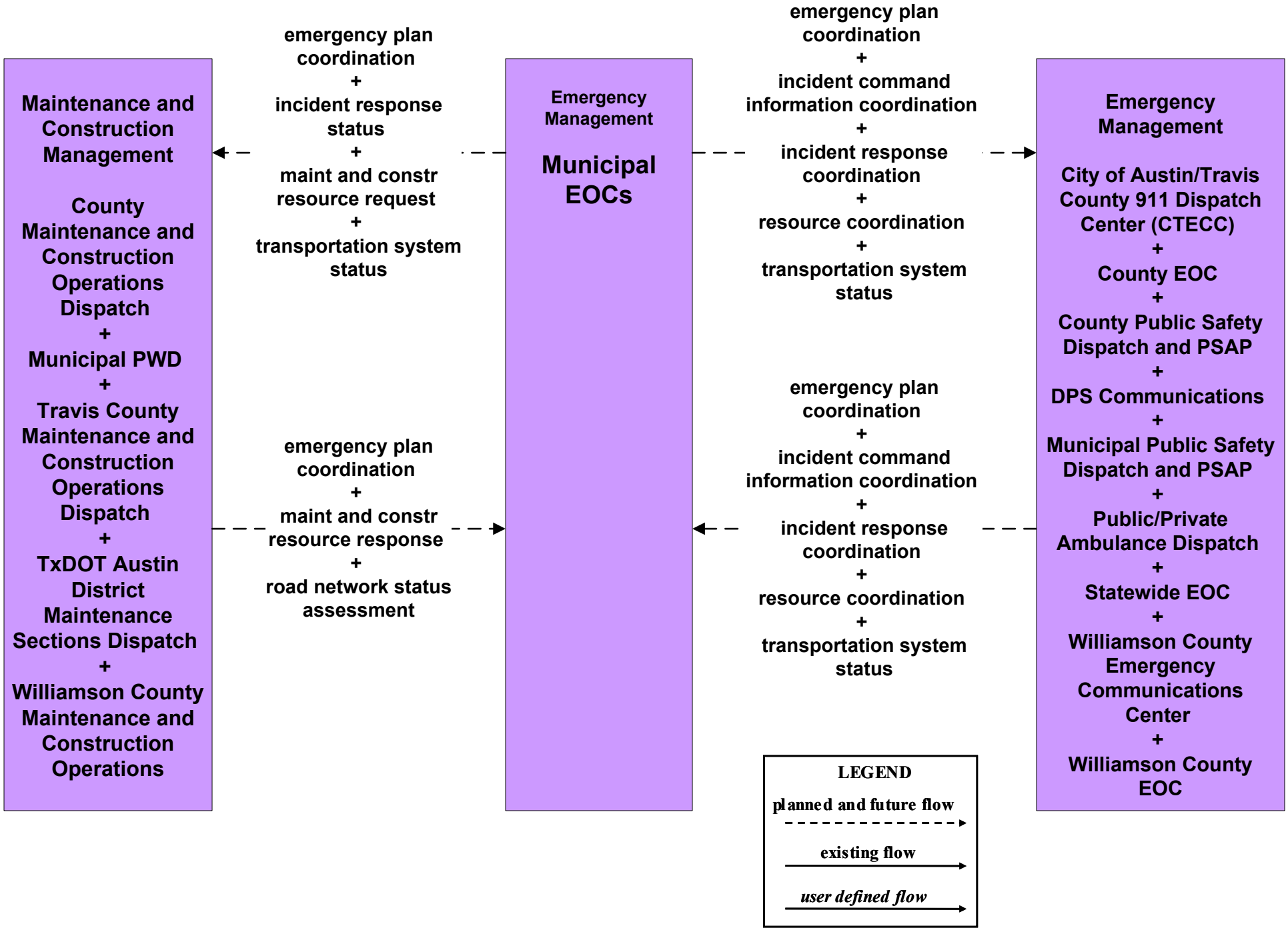
LEGEND

planned and future flow

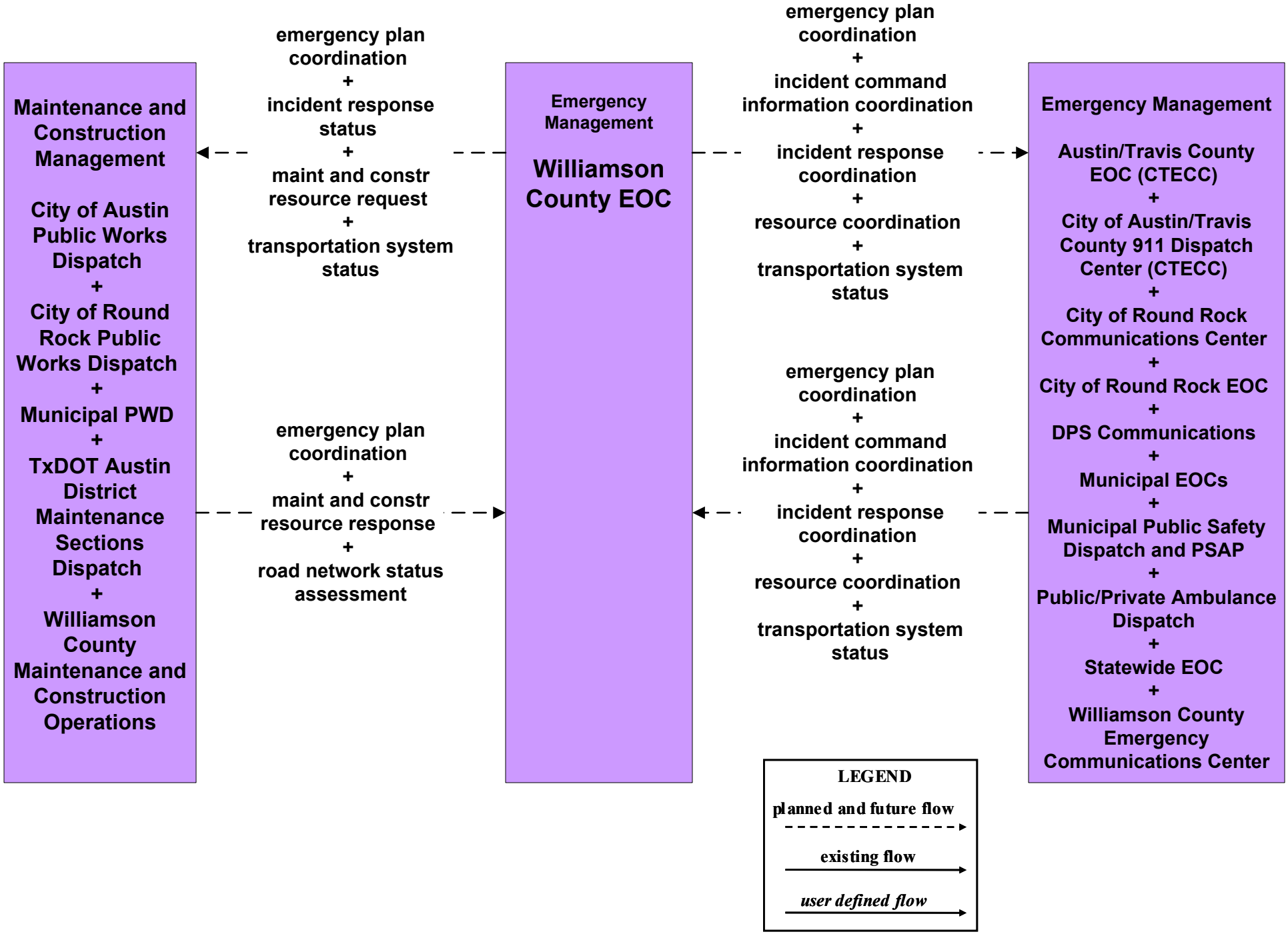
existing flow

user defined flow

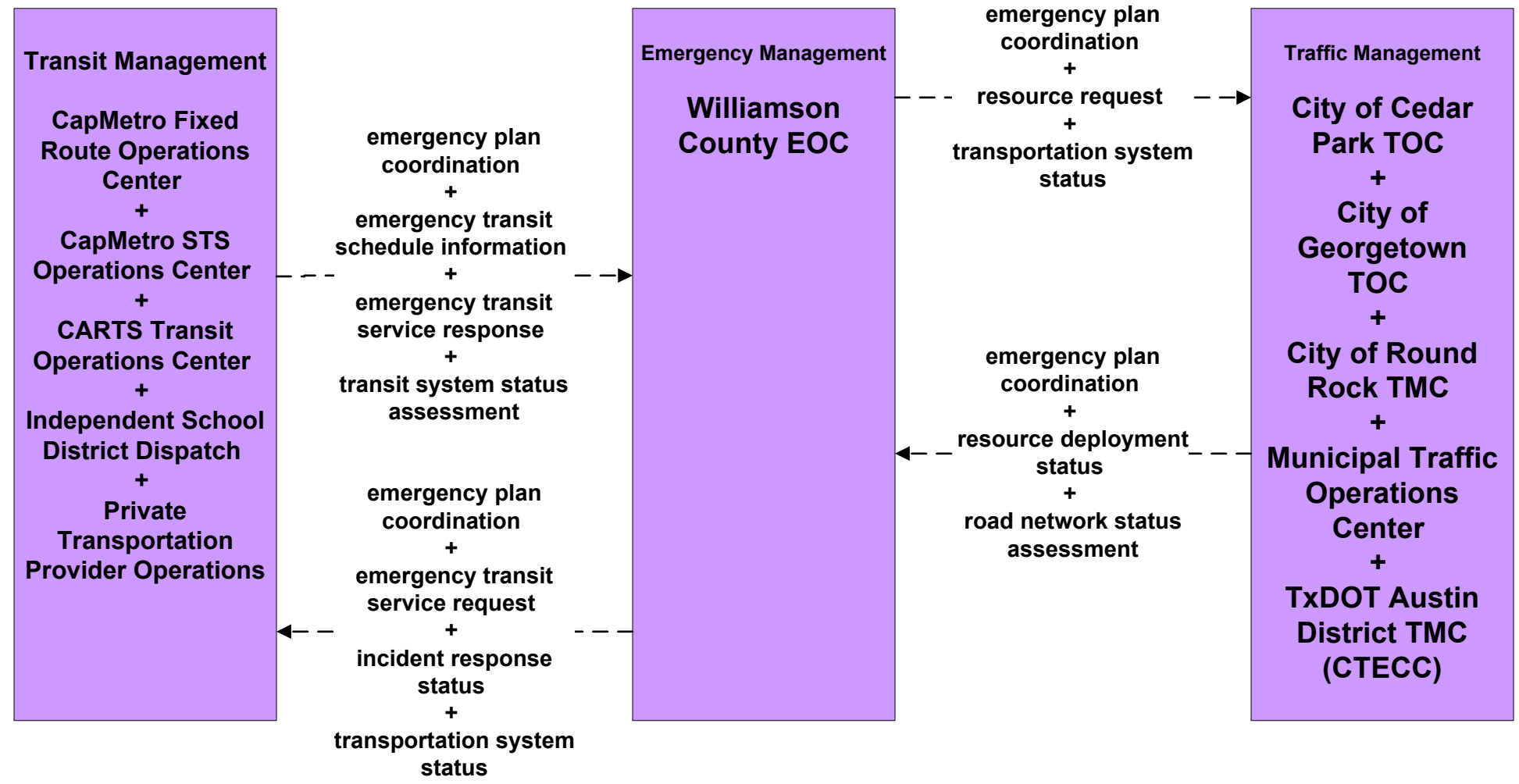
EM08 - Disaster Response and Recovery
Municipal EOCs (1 of 2)



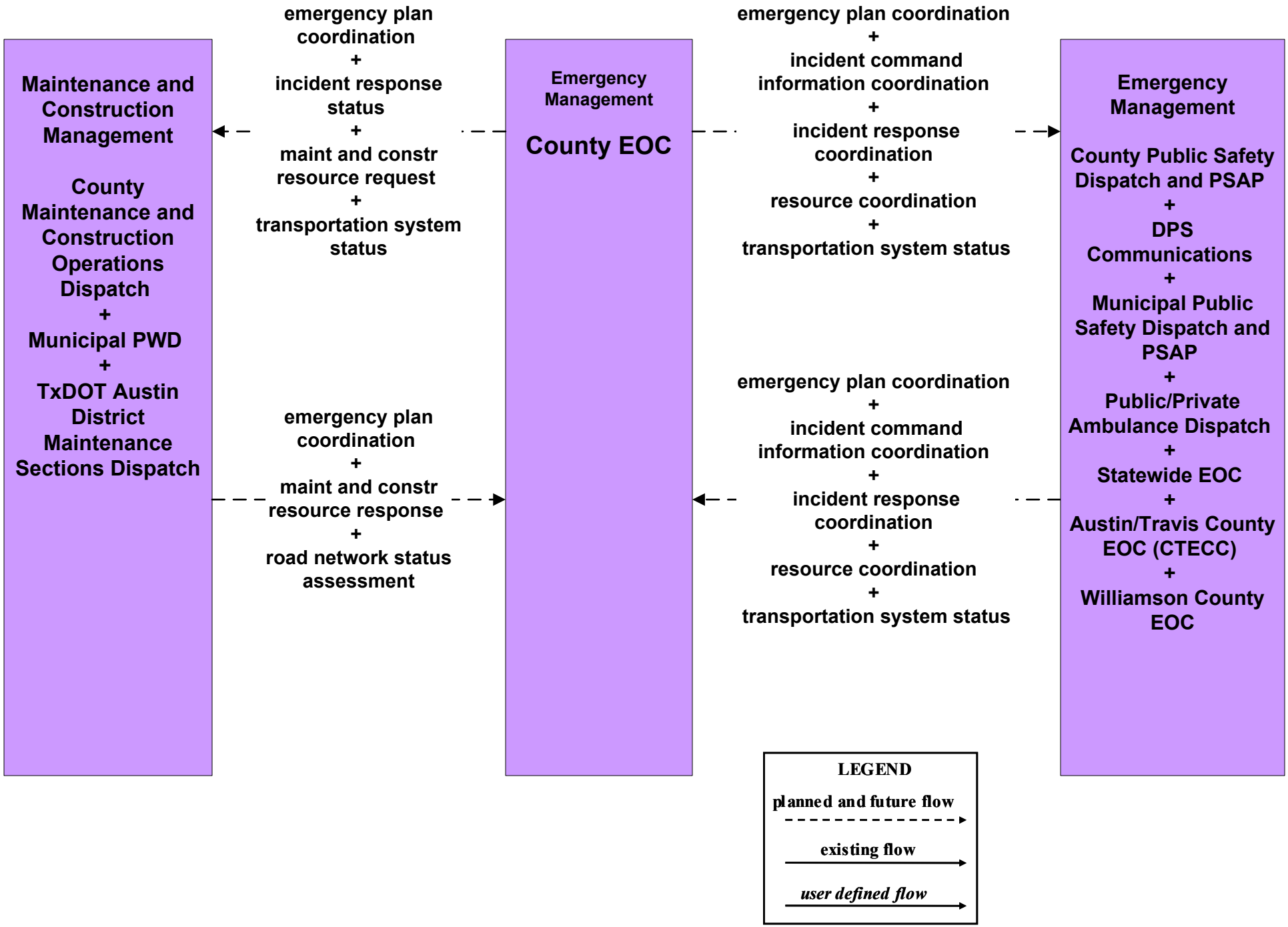
EM08 - Disaster Response and Recovery
Williamson County EOC (1 of 2)



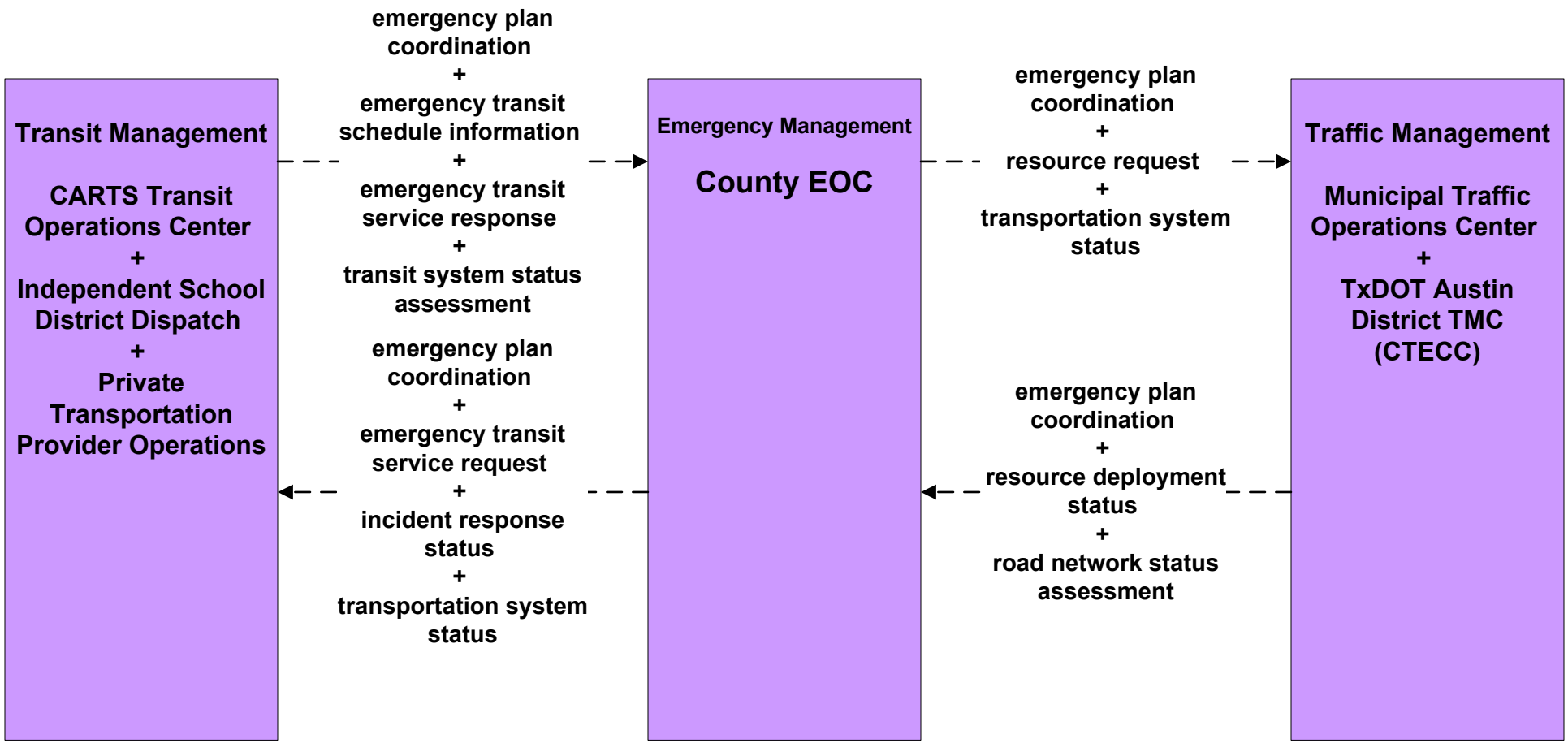
EM08 - Disaster Response and Recovery
Williamson County EOC (2 of 2)



EM08 - Disaster Response and Recovery
County EOC (1 of 2)



EM08 - Disaster Response and Recovery
County EOC (2 of 2)



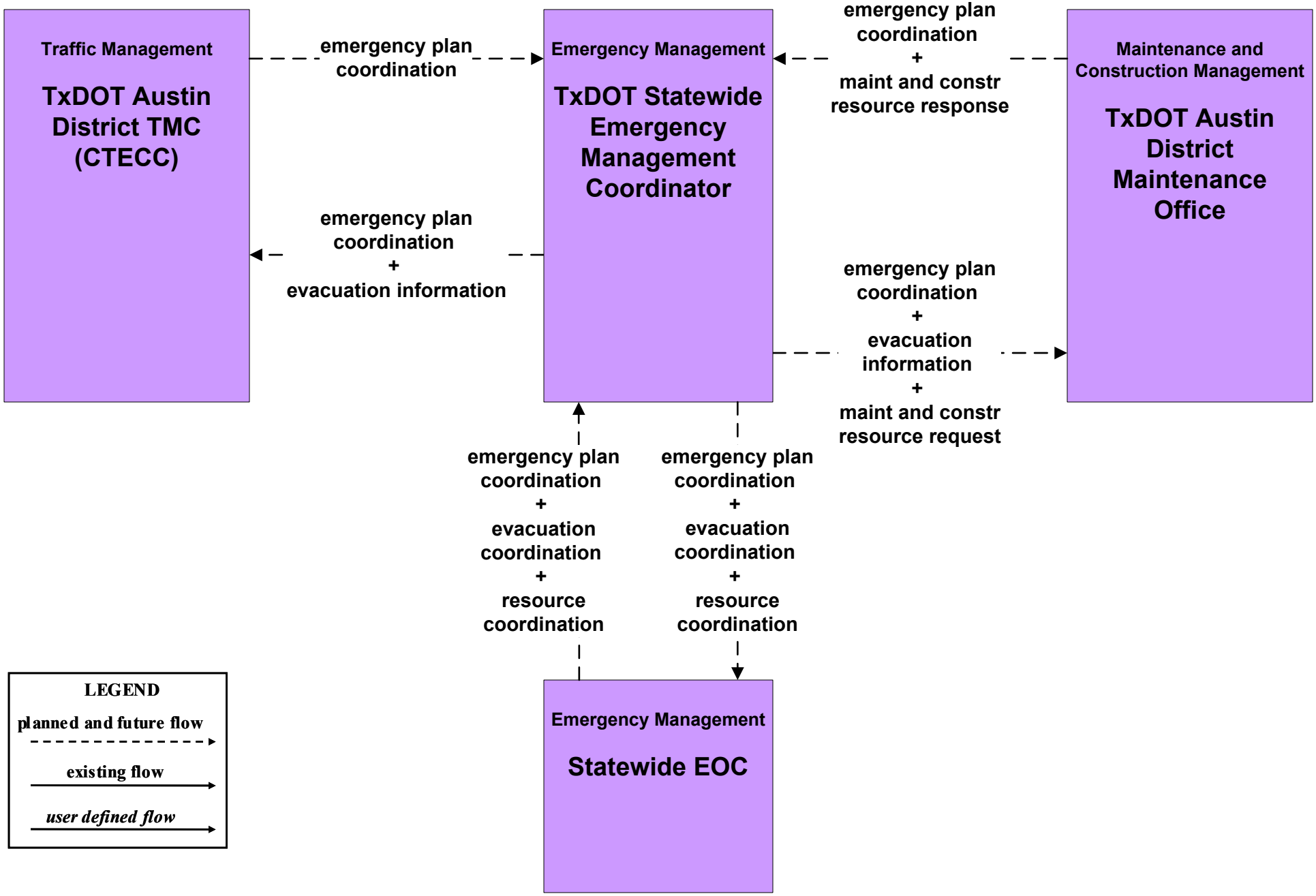
LEGEND

planned and future flow

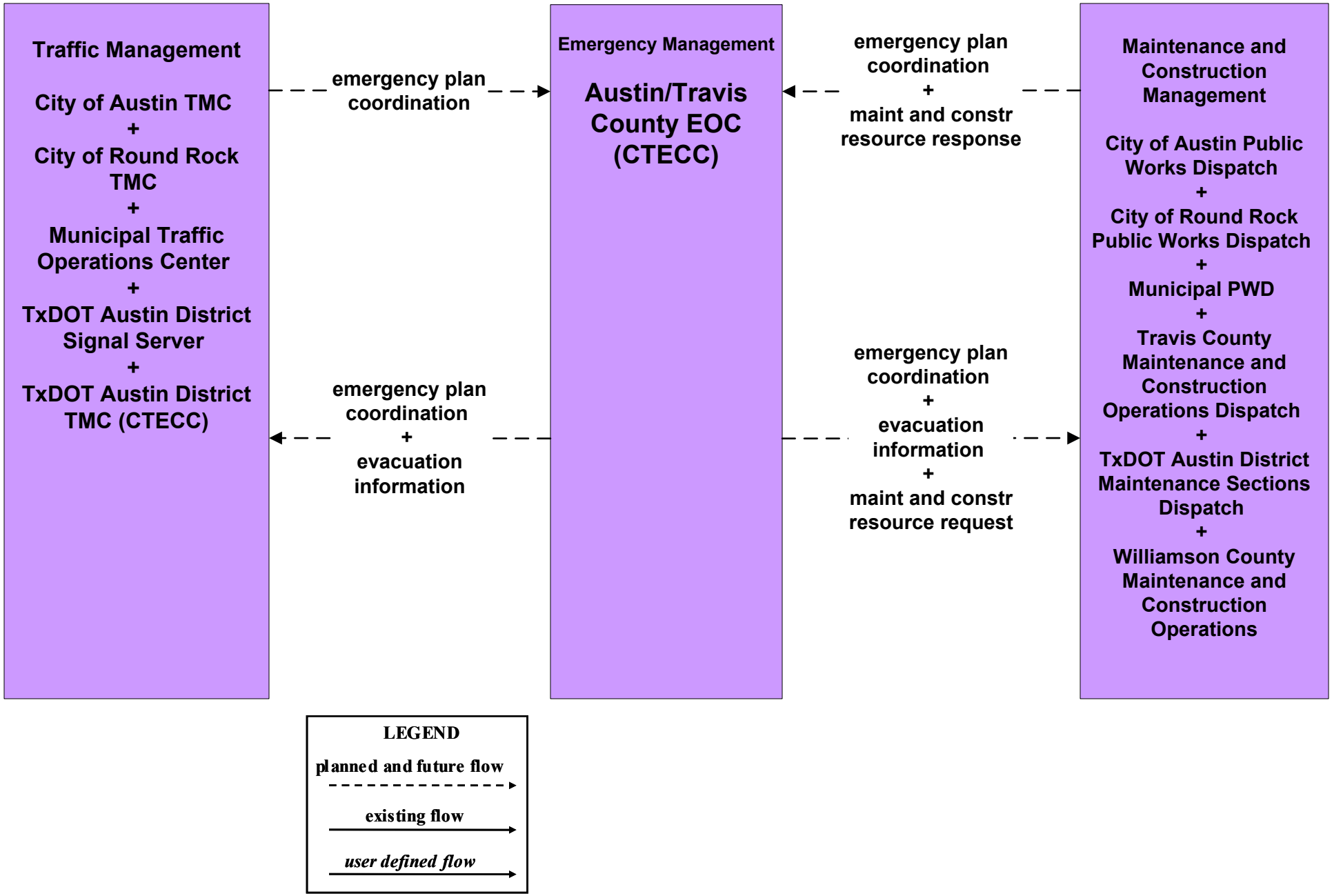
existing flow

user defined flow

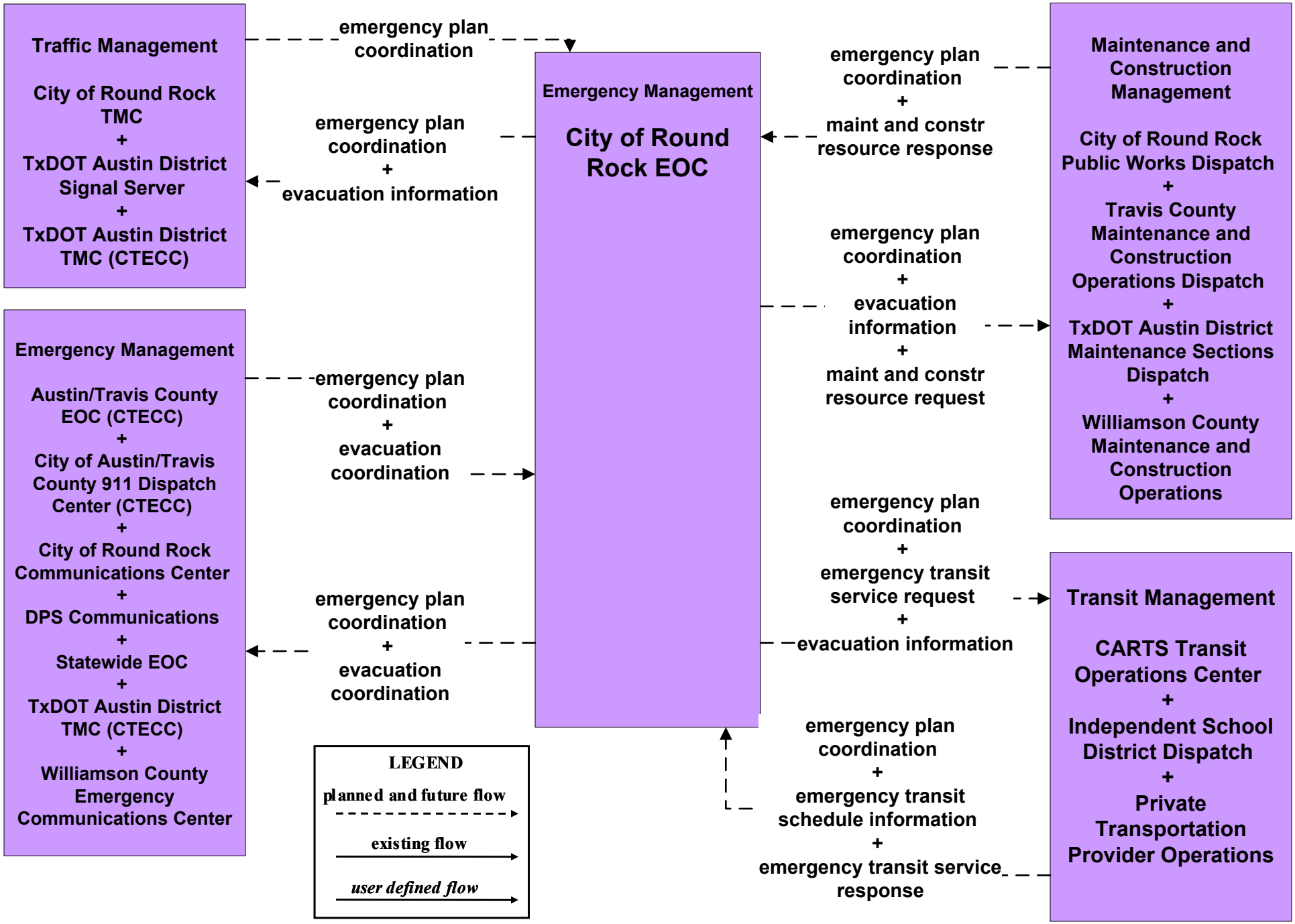
EM09 - Evacuation and Reentry Management
Statewide EOC – TxDOT Coordination



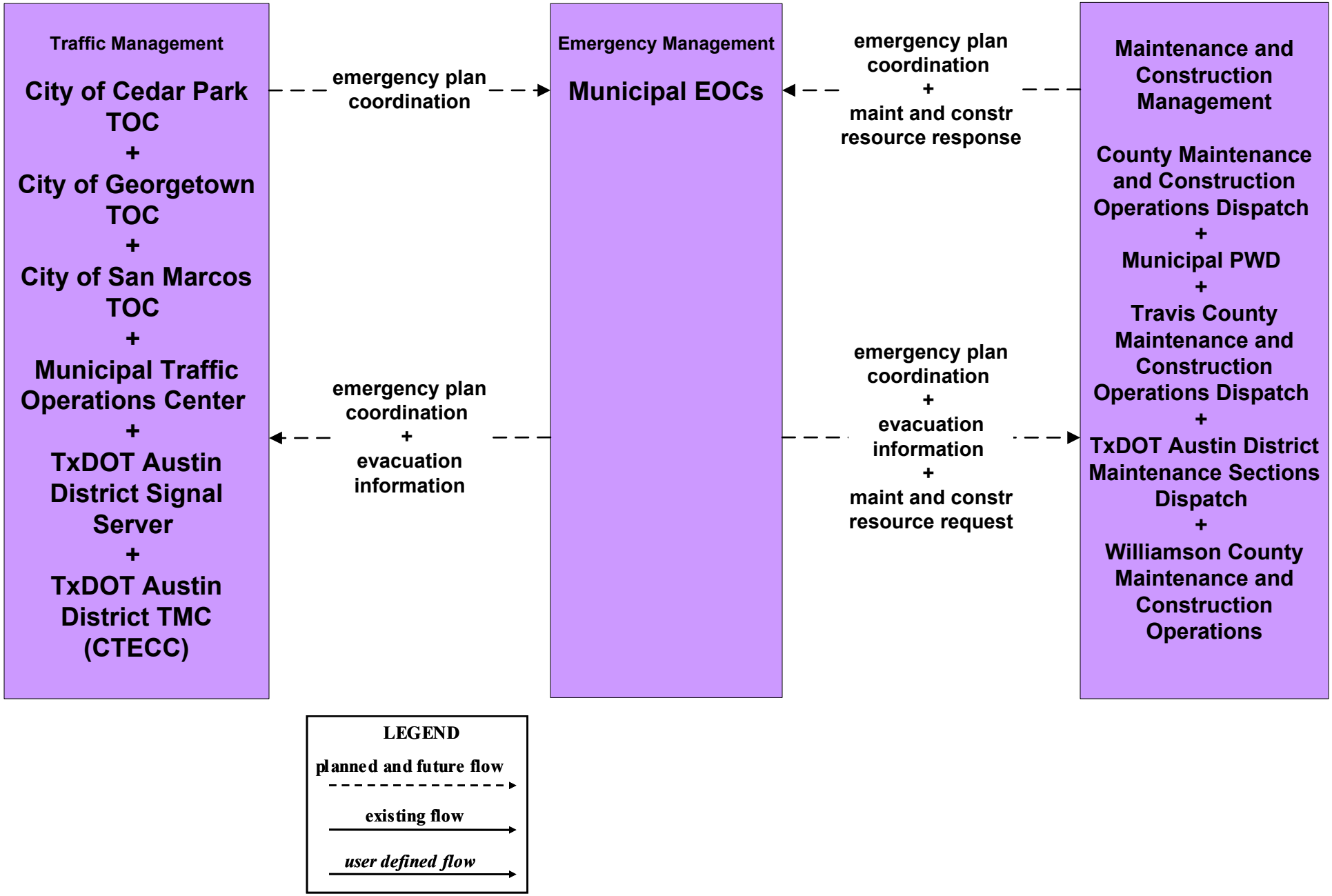
EM09 - Evacuation and Reentry Management
Austin/Travis County EOC (CTECC) (1 of 2)



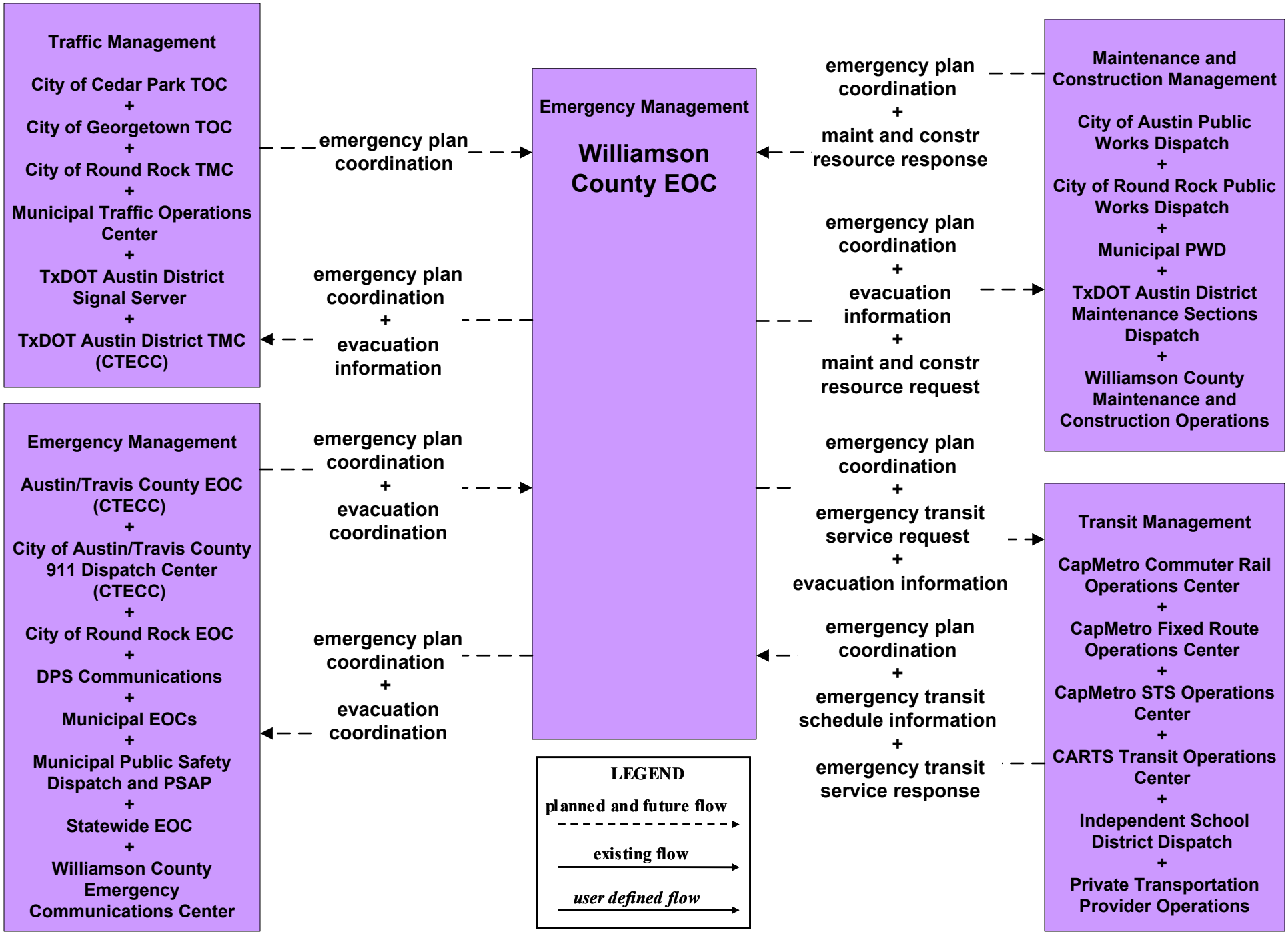
EM09 - Evacuation and Reentry Management
City of Round Rock EOC



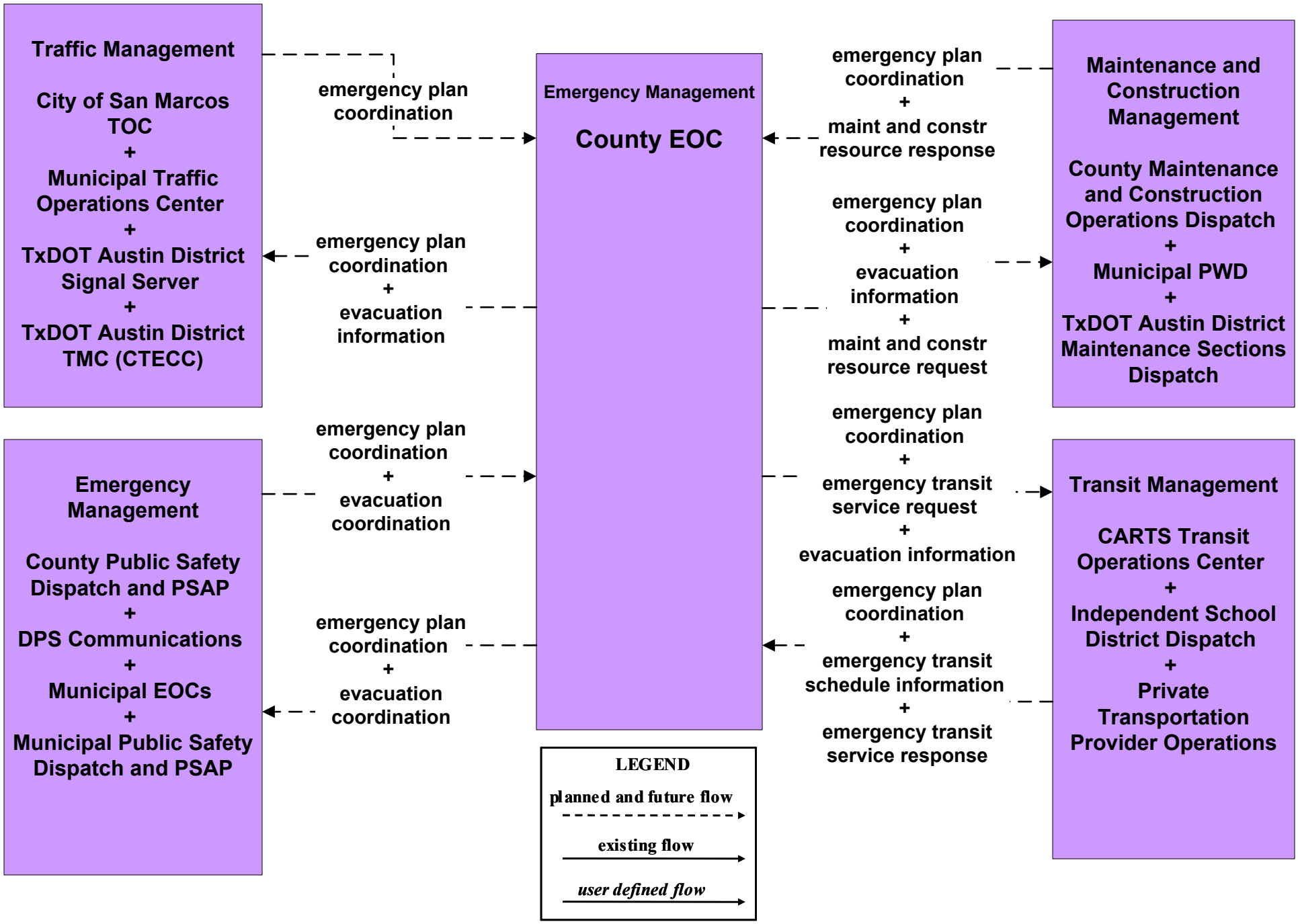
EM09 - Evacuation and Reentry Management
Municipal EOCs (1 of 2)



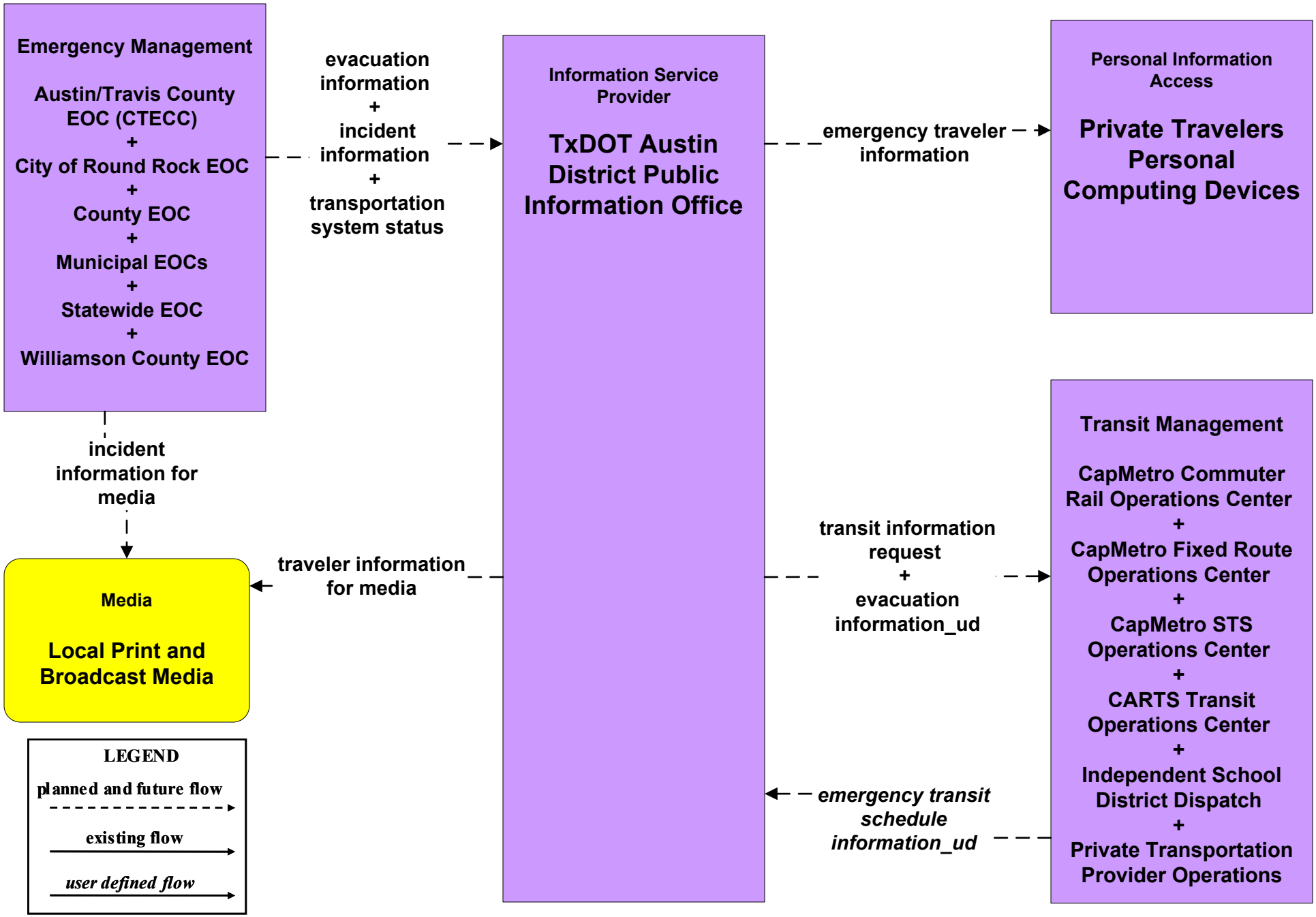
EM09 - Evacuation and Reentry Management
Williamson County EOC



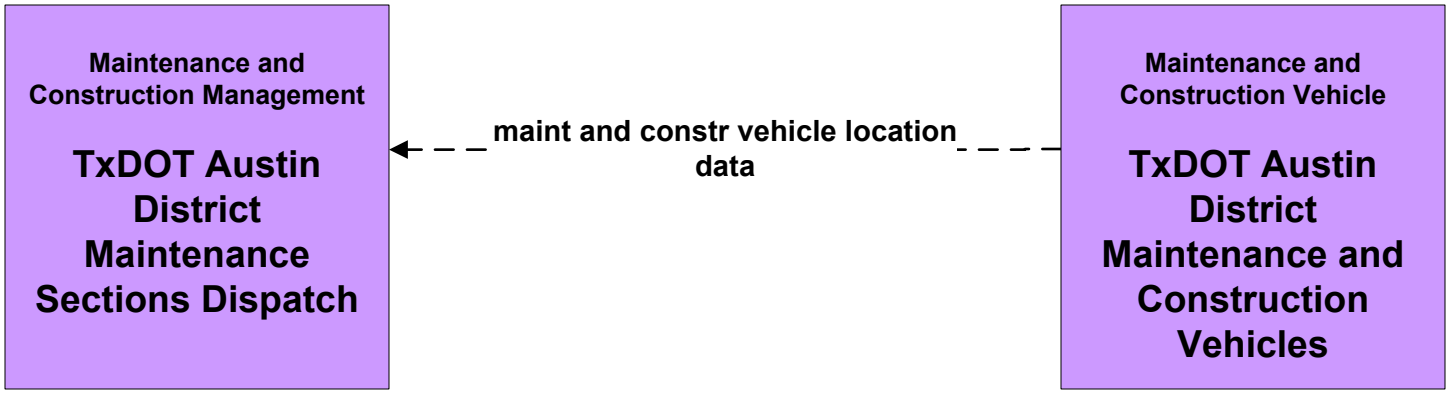
EM09 - Evacuation and Reentry Management
County EOC

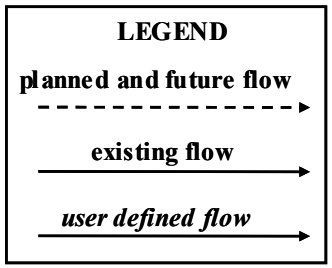


EM10 - Disaster Traveler Information
TxDOT Austin District Public Information Office

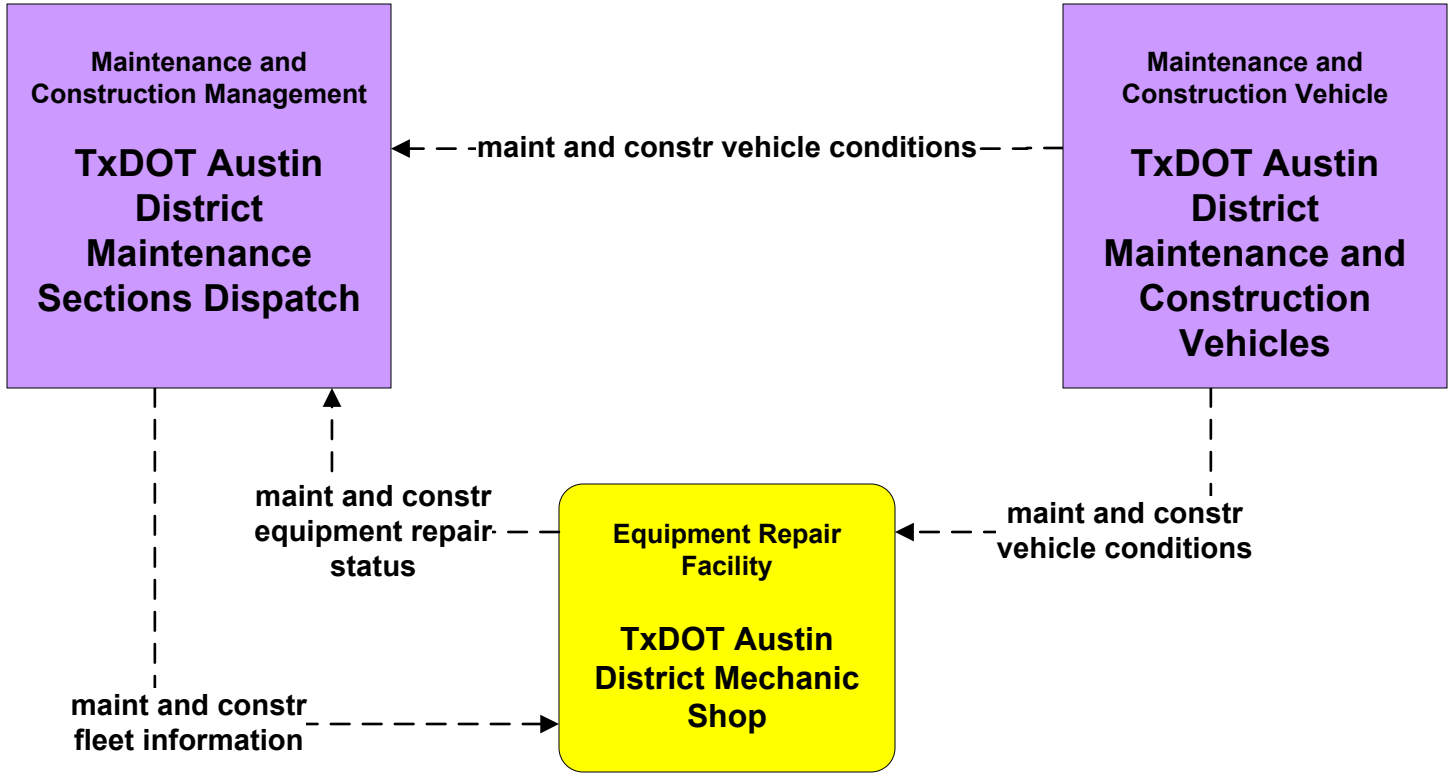


MC01 - Maintenance and Construction Vehicle and Equipment Tracking
TxDOT





MC02 - Maintenance and Construction Vehicle Maintenance
TxDOT Austin District Maintenance Sections



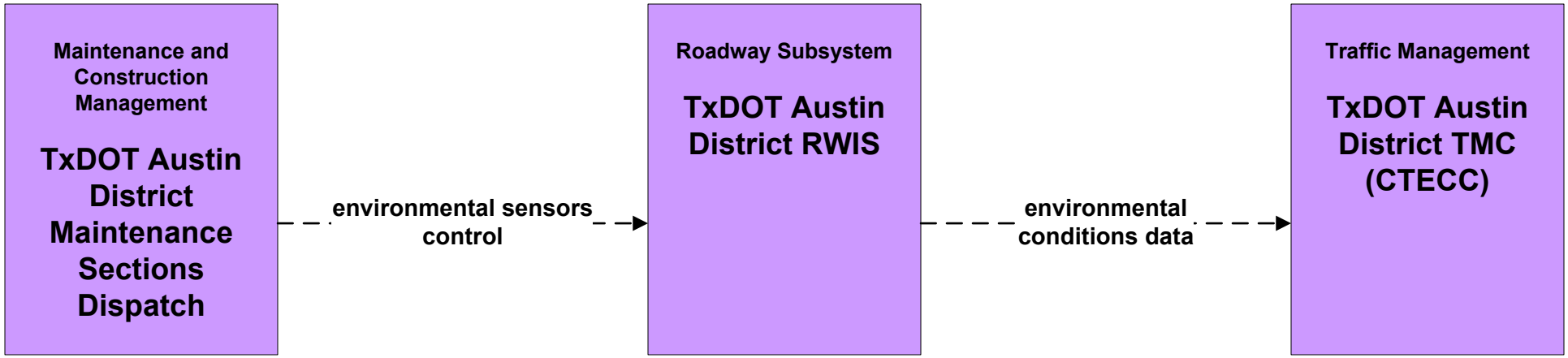
LEGEND

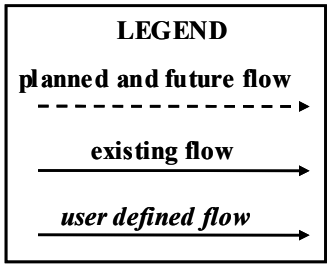
planned and future flow

existing flow

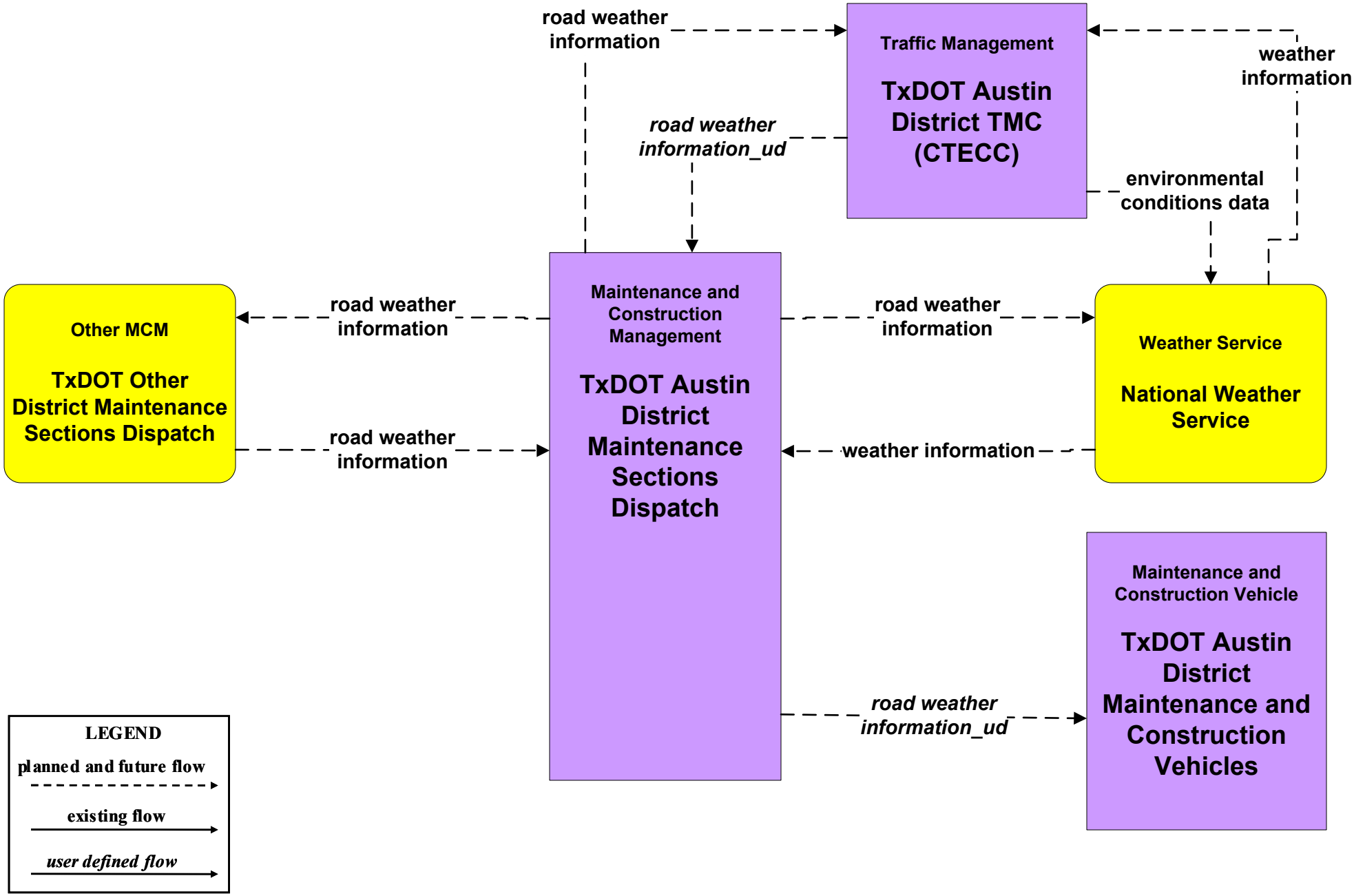
user defined flow

MC03 - Road Weather Data Collection
TxDOT

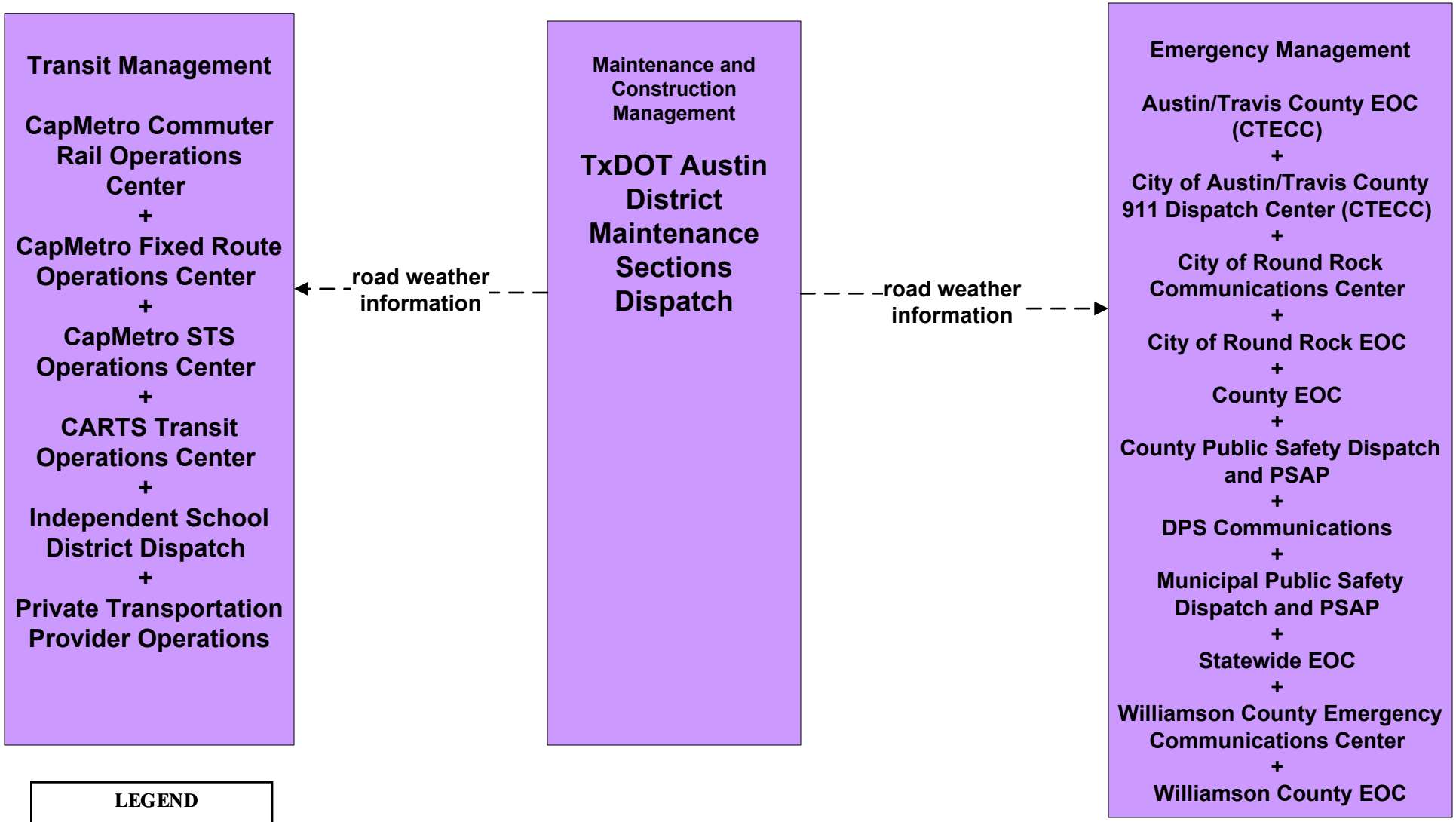




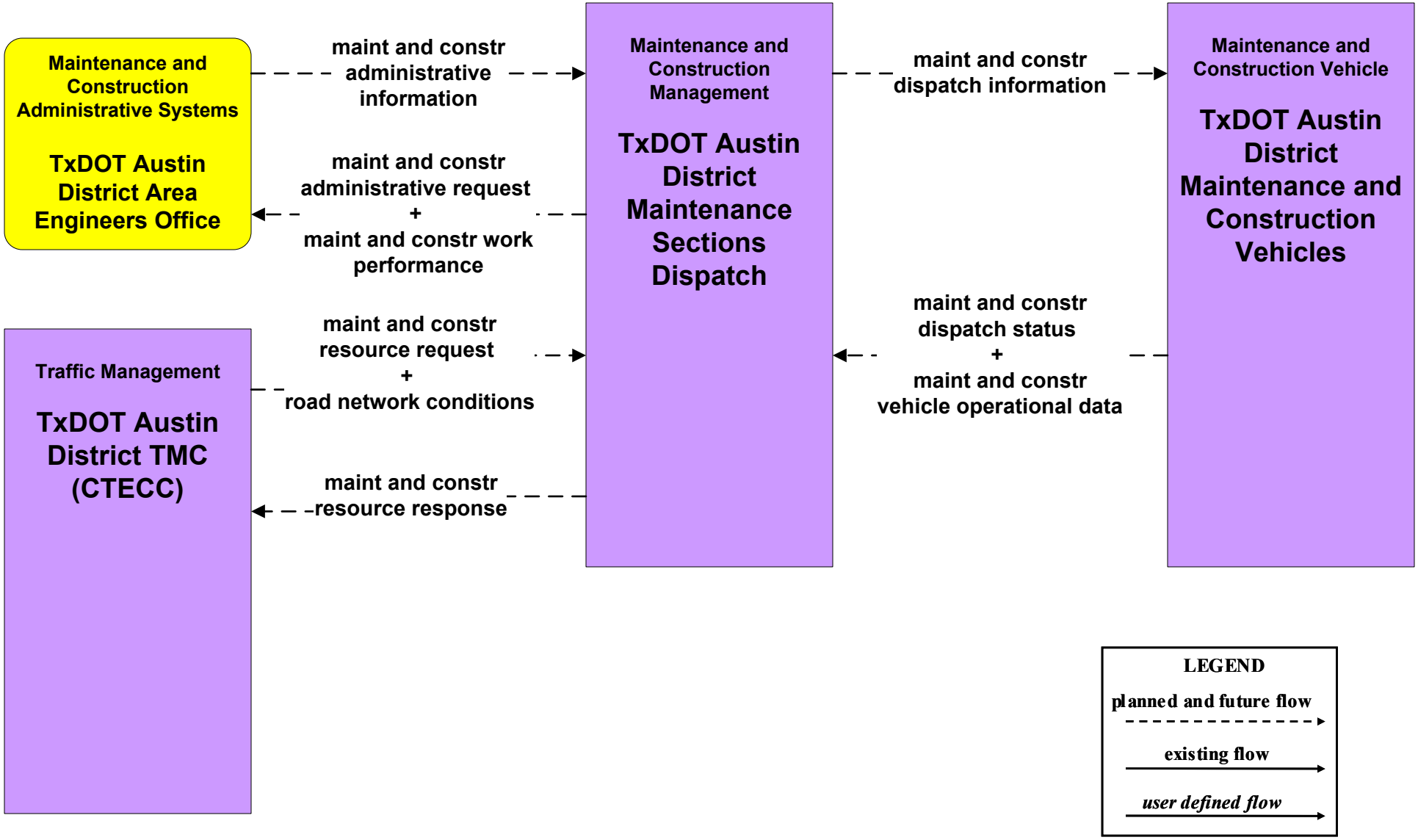
MC04 - Weather Information Processing and Distribution
TxDOT (1 of 2)



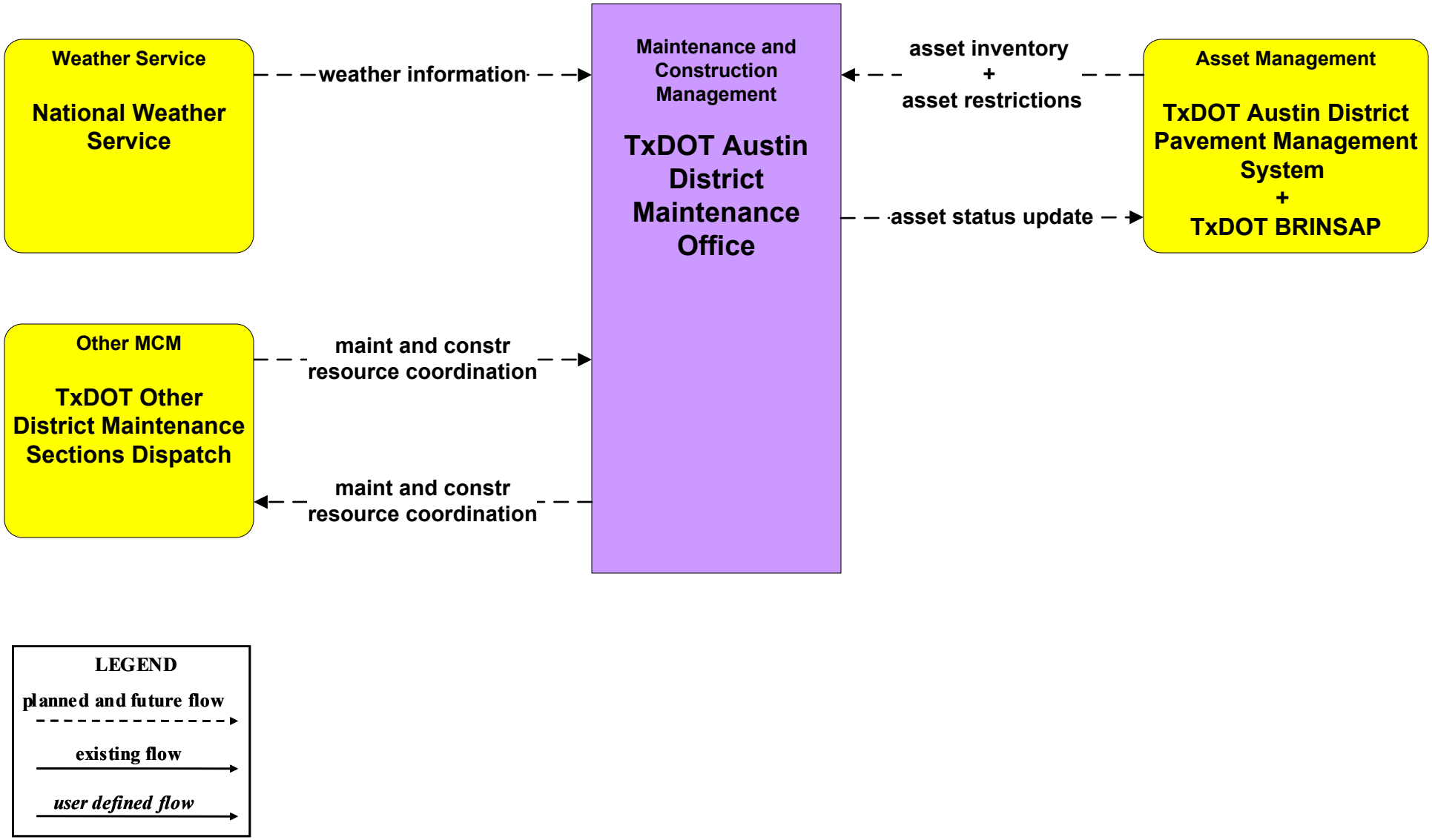
MC04 - Weather Information Processing and Distribution
TxDOT (2 of 2)



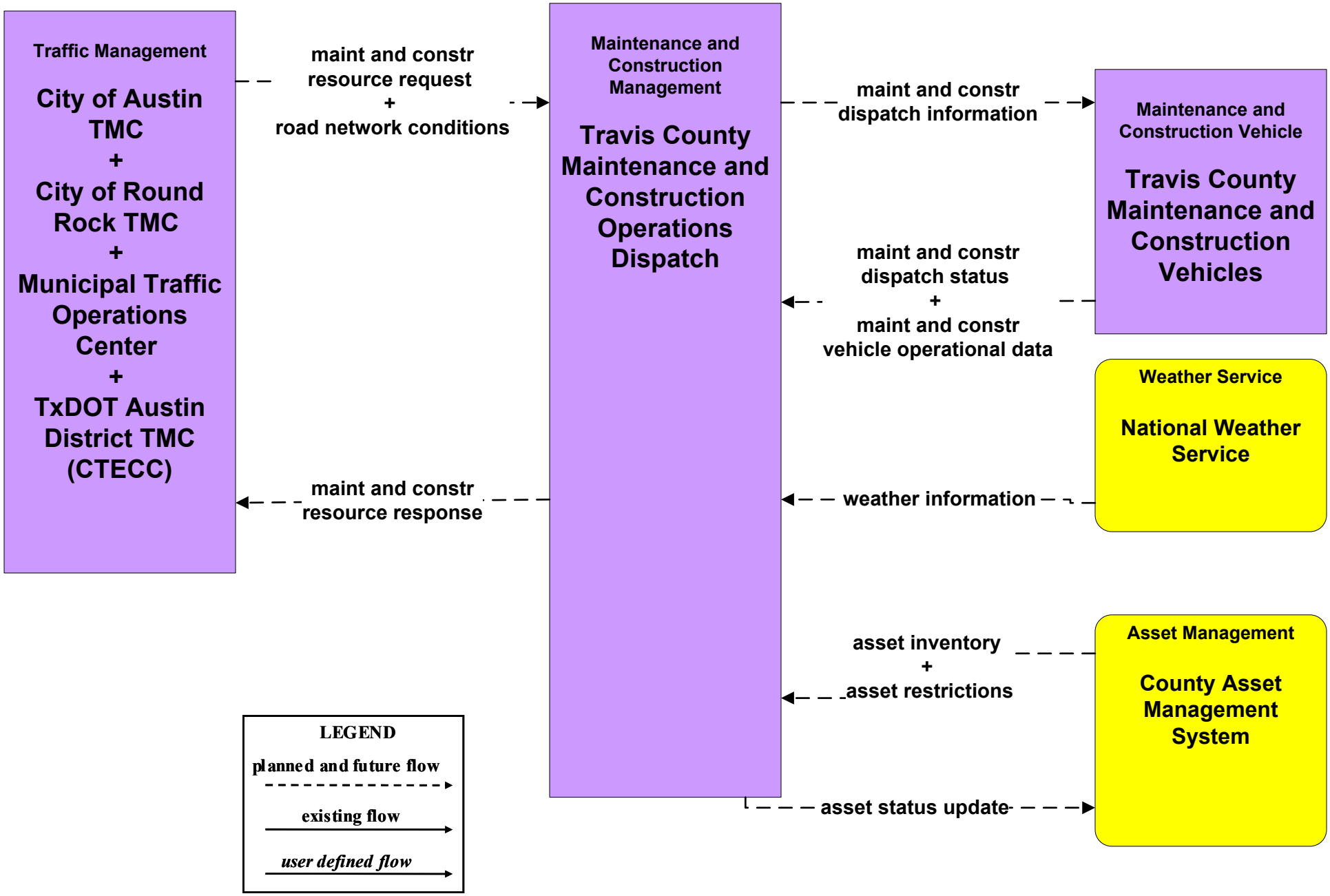
MC07 - Roadway Maintenance and Construction
TxDOT (1 of 2)



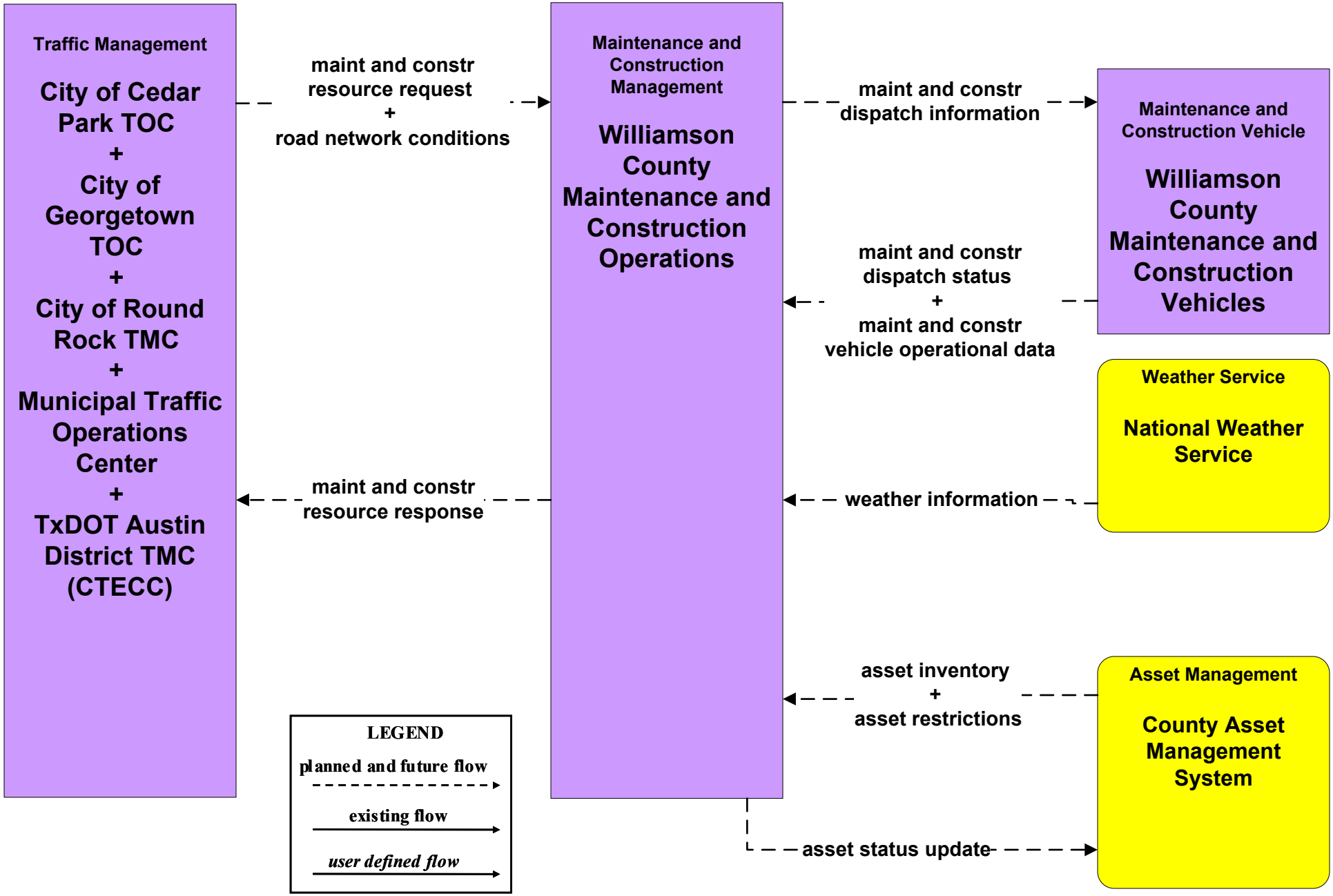
MC07 - Roadway Maintenance and Construction
TxDOT (2 of 2)



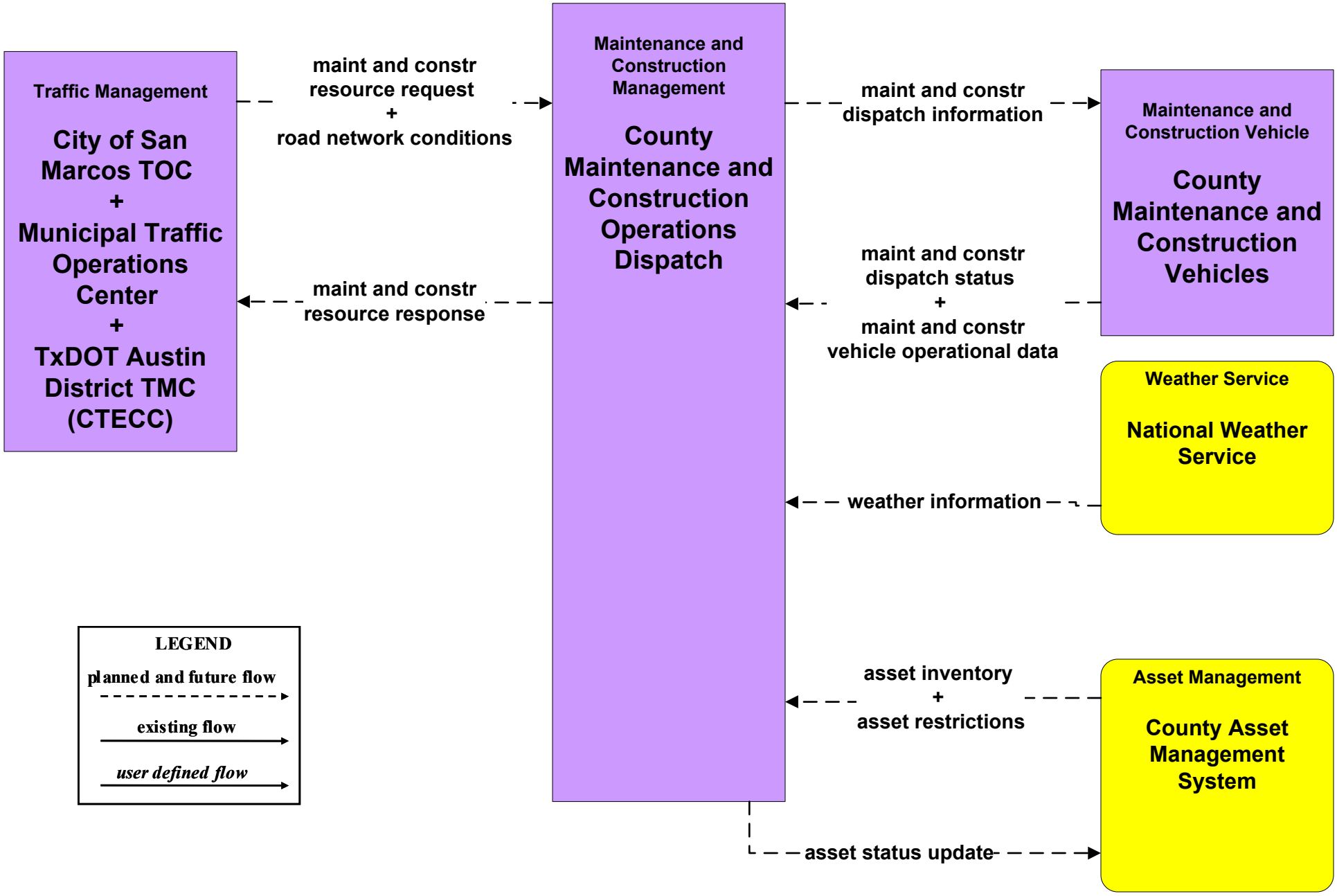
MC07 - Roadway Maintenance and Construction
Travis County Maintenance and Construction



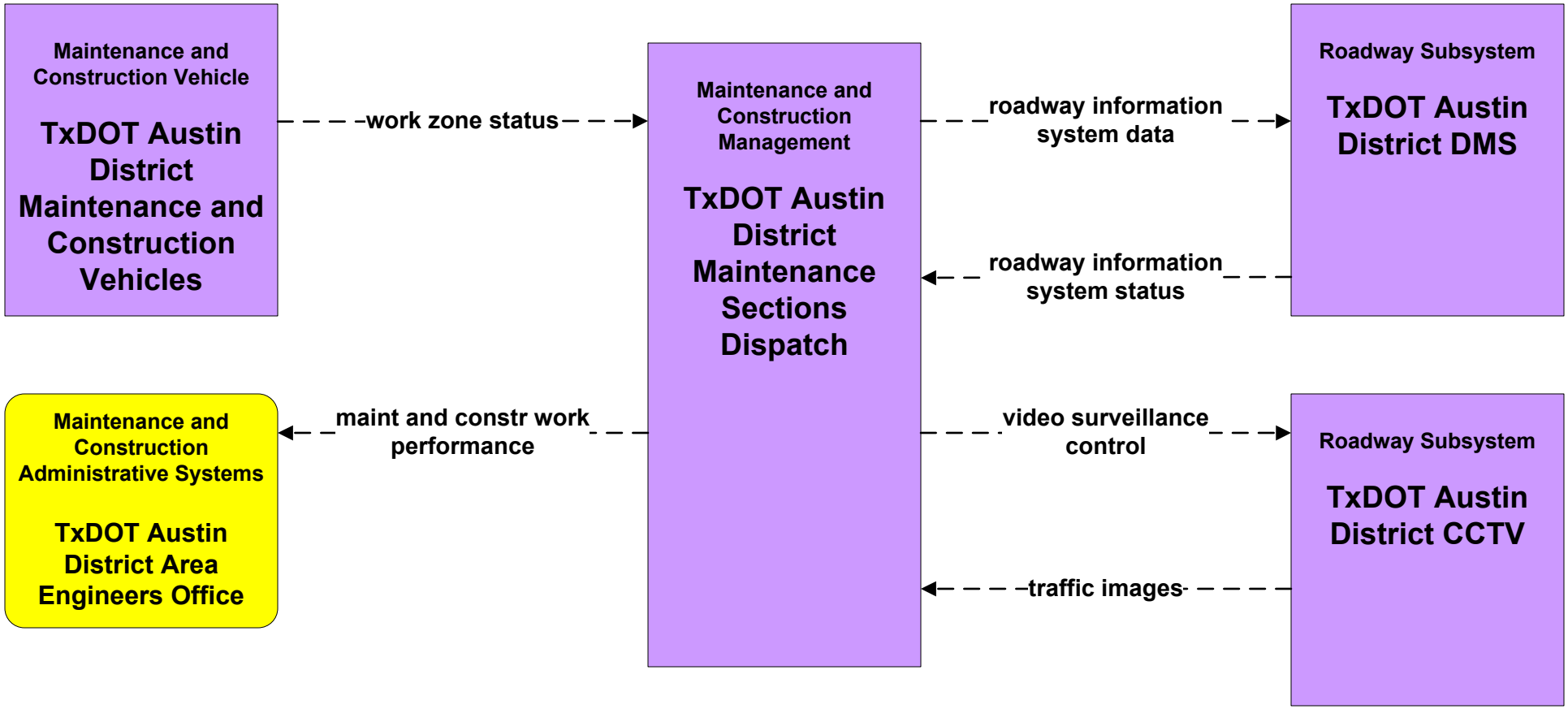
MC07 - Roadway Maintenance and Construction
Williamson County Maintenance and Construction

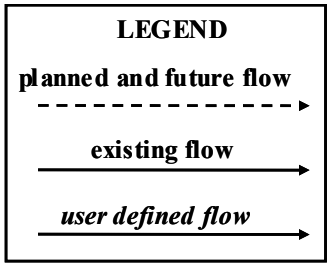


MC07 - Roadway Maintenance and Construction
County Maintenance and Construction

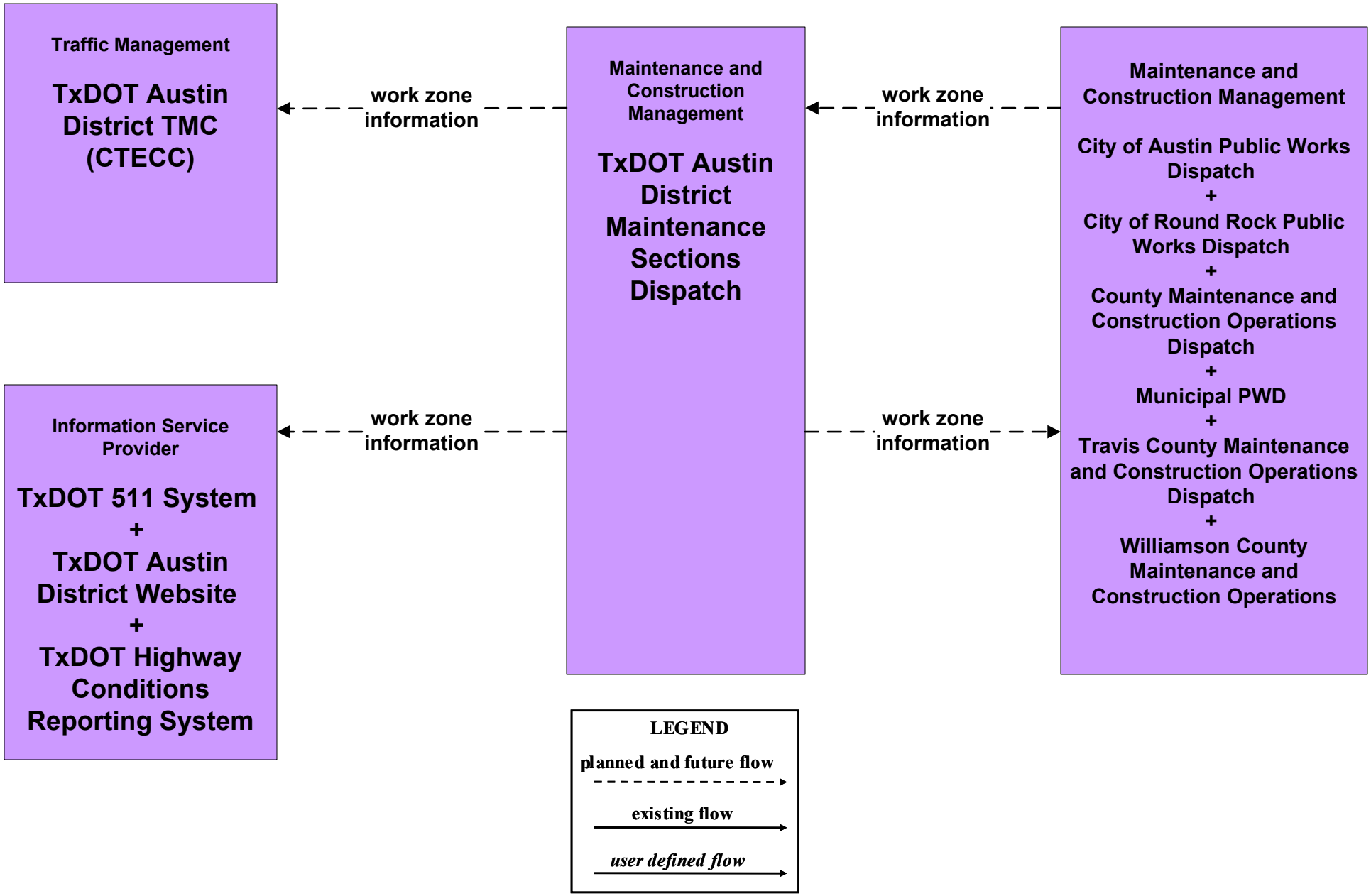


MC08 - Work Zone Management
TxDOT Austin District Maintenance Sections

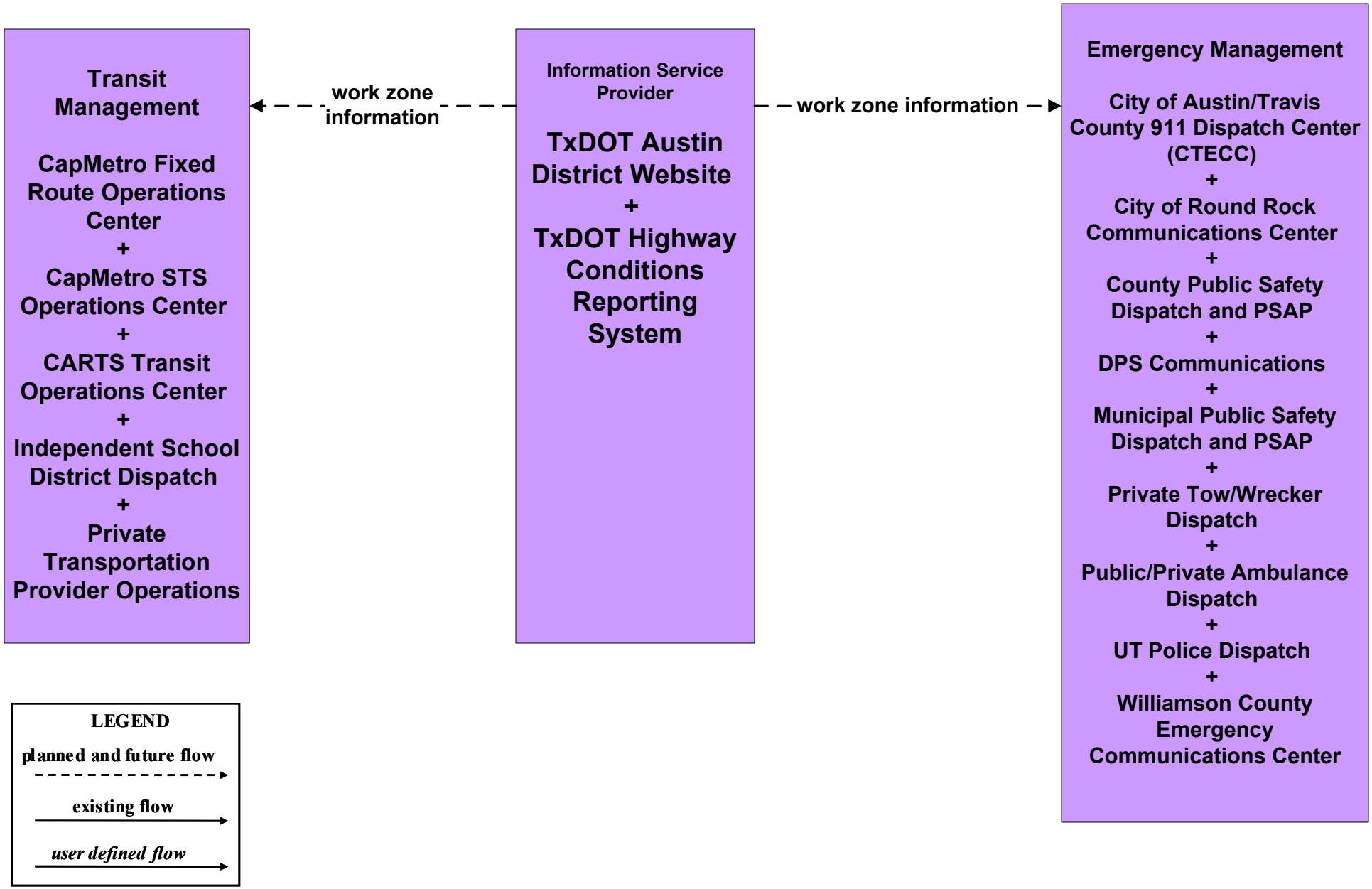




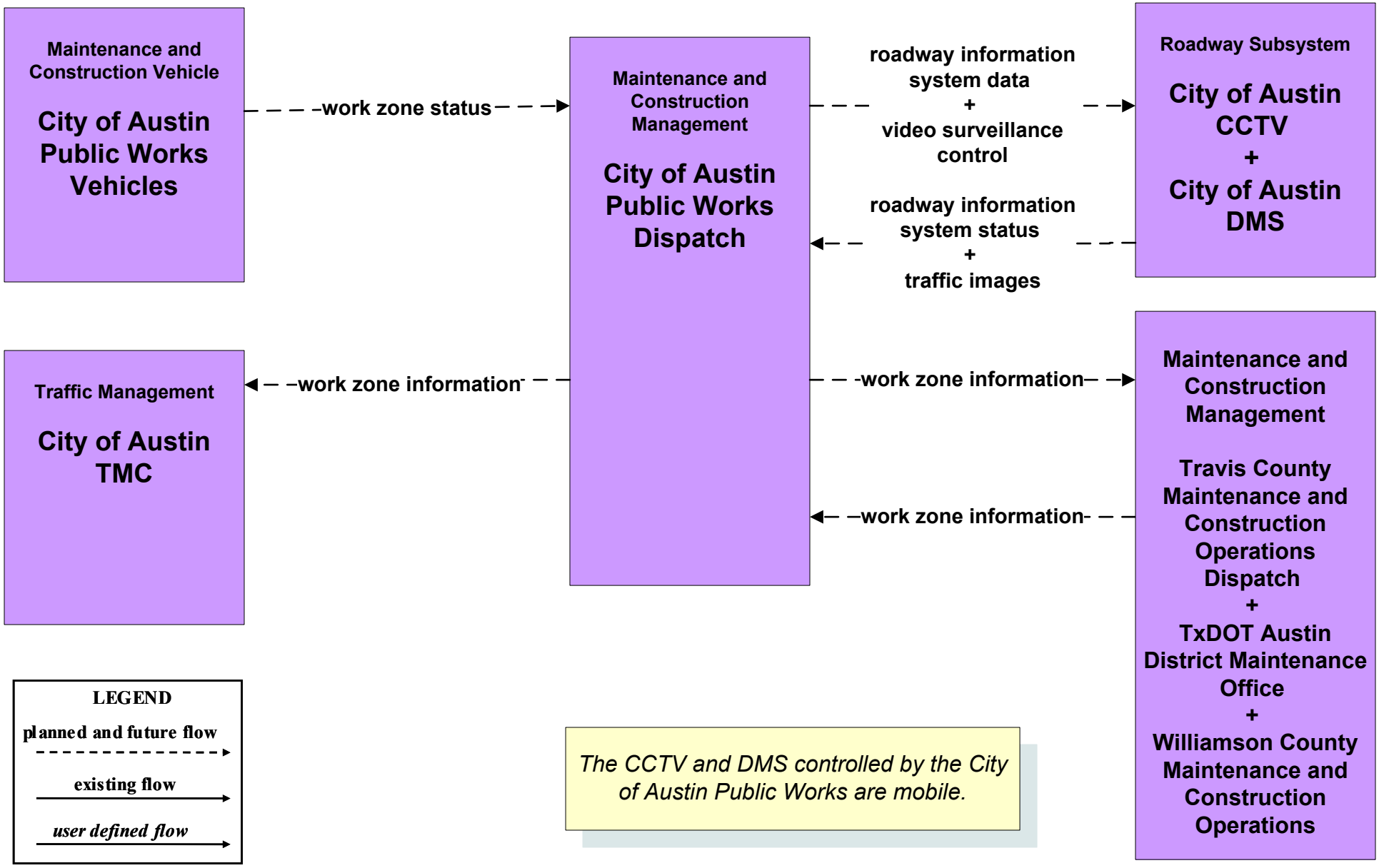
MC08 - Work Zone Management
TxDOT Austin District Work Zone Information Dissemination (1 of 2)



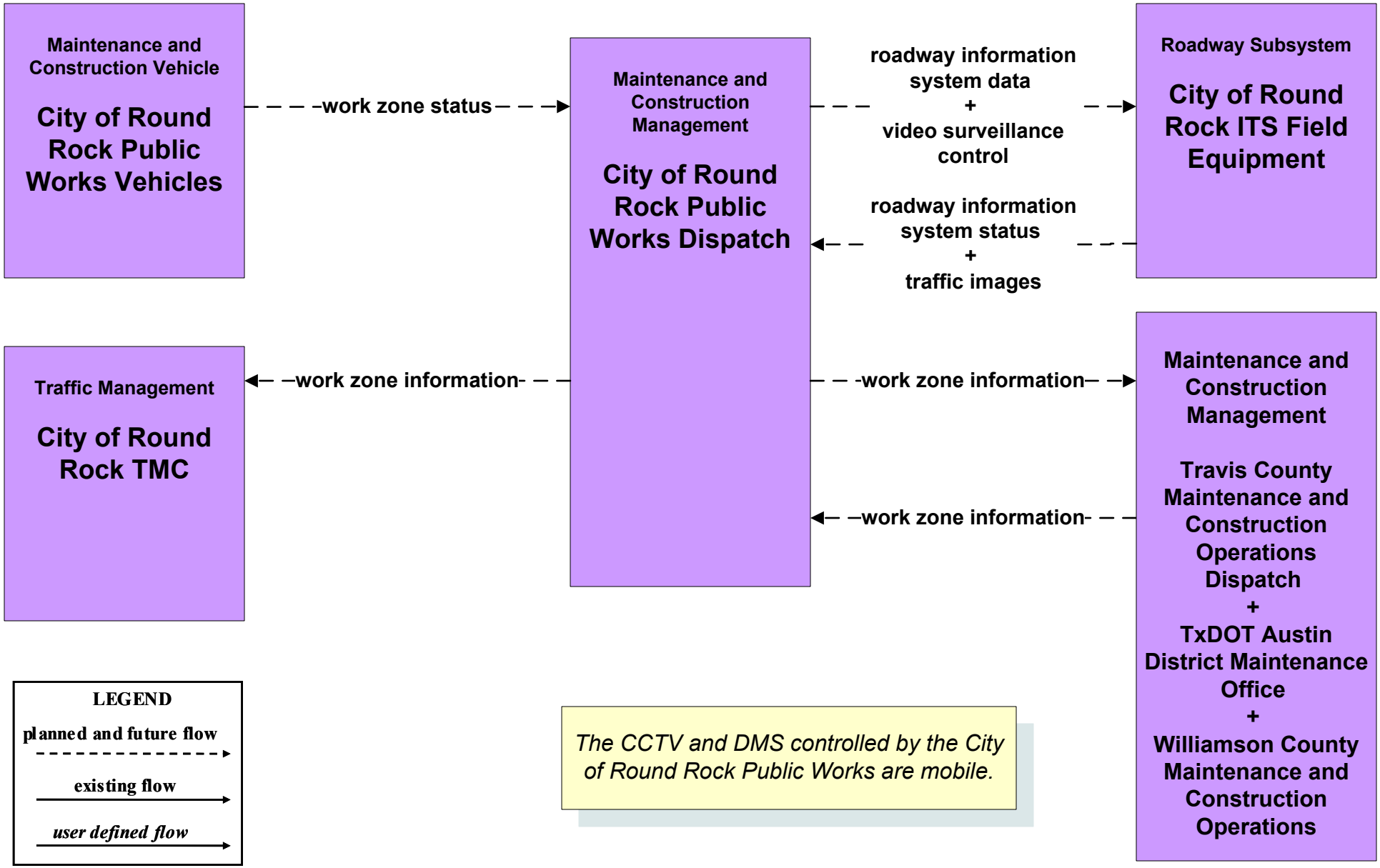
MC08 - Work Zone Management
TxDOT Austin District Work Zone Information Dissemination (2 of 2)



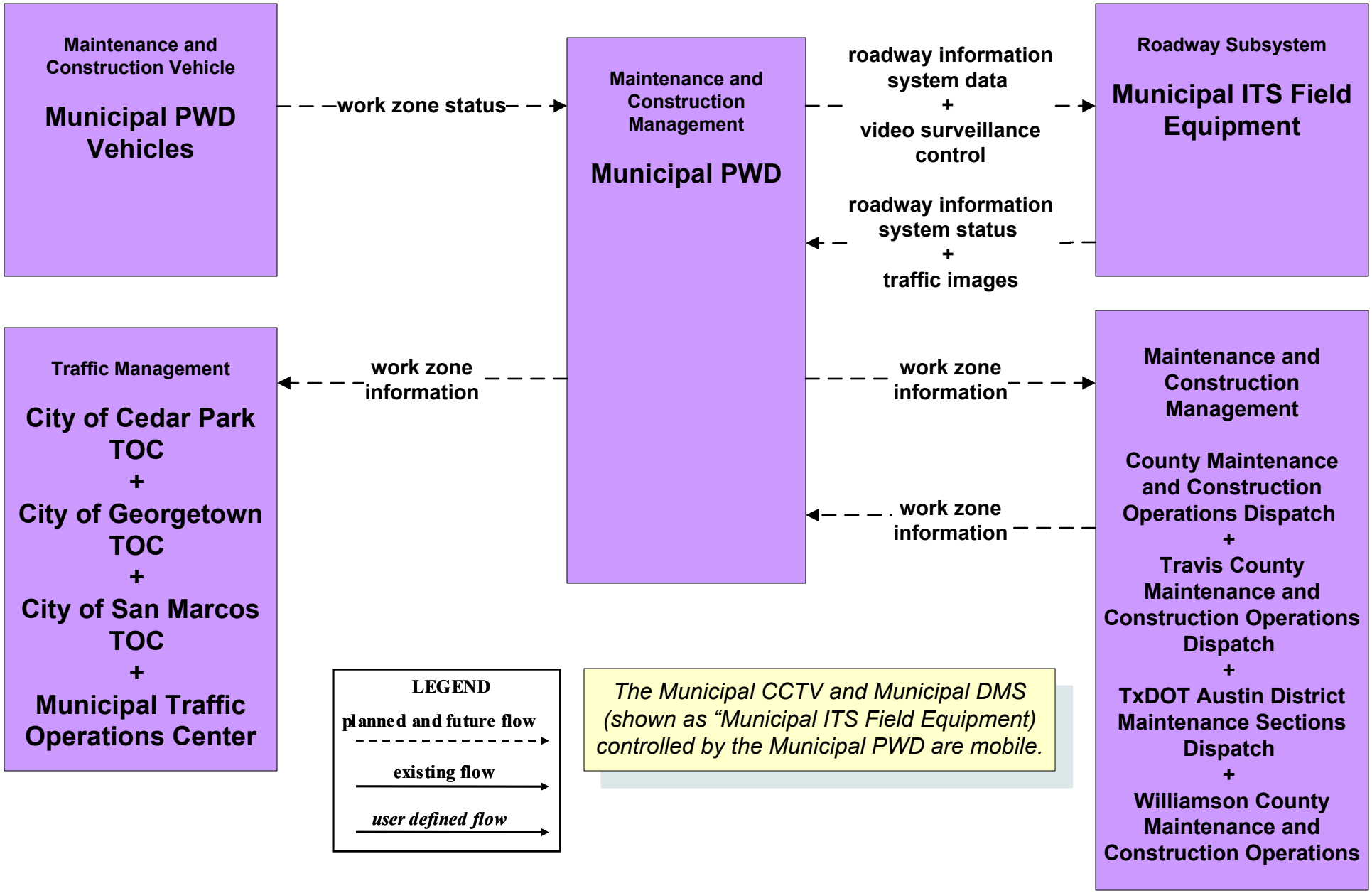
MC08 - Work Zone Management
City of Austin Public Works (1 of 2)



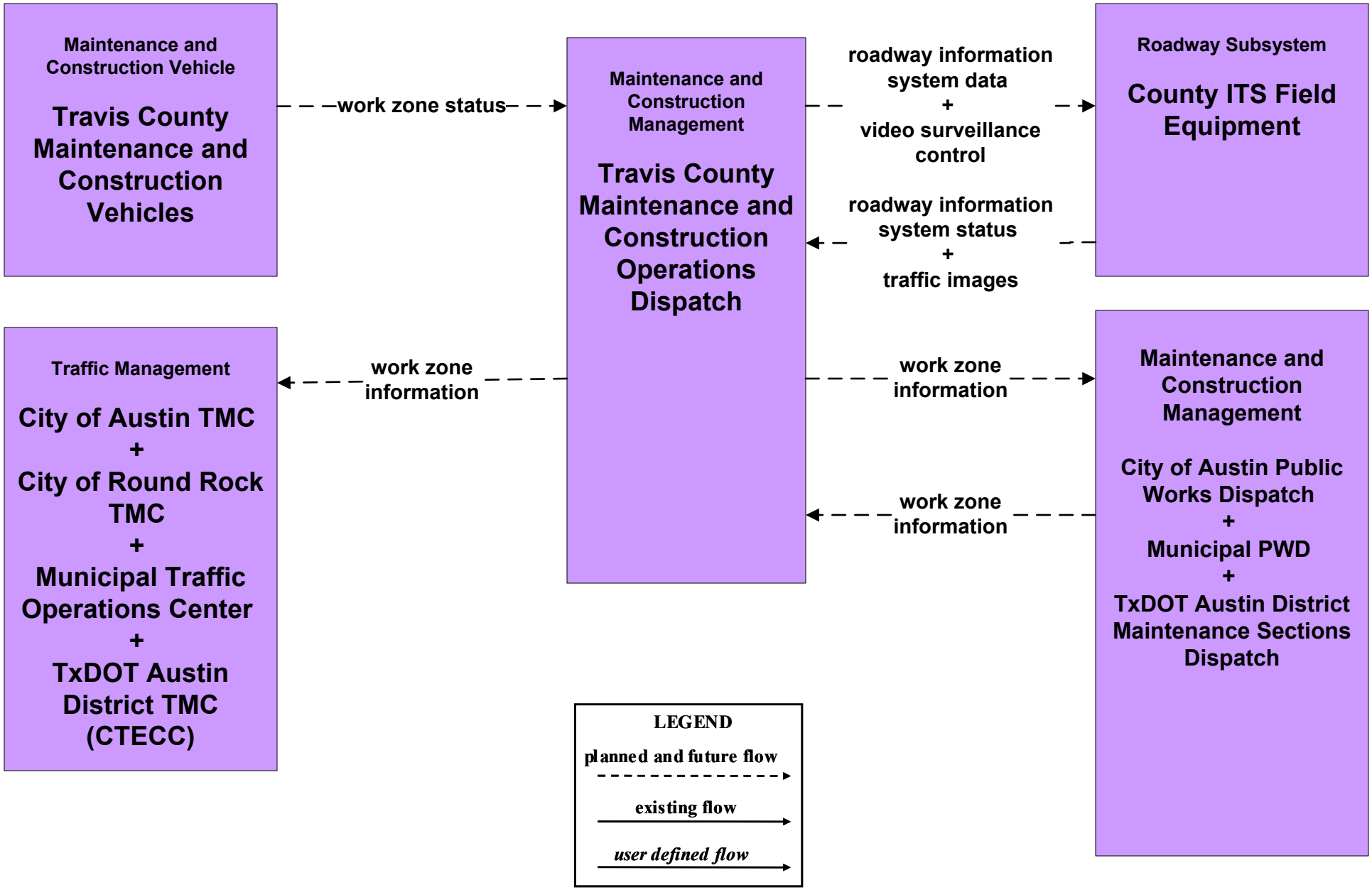
MC08 - Work Zone Management
City of Round Rock Public Works (1 of 2)



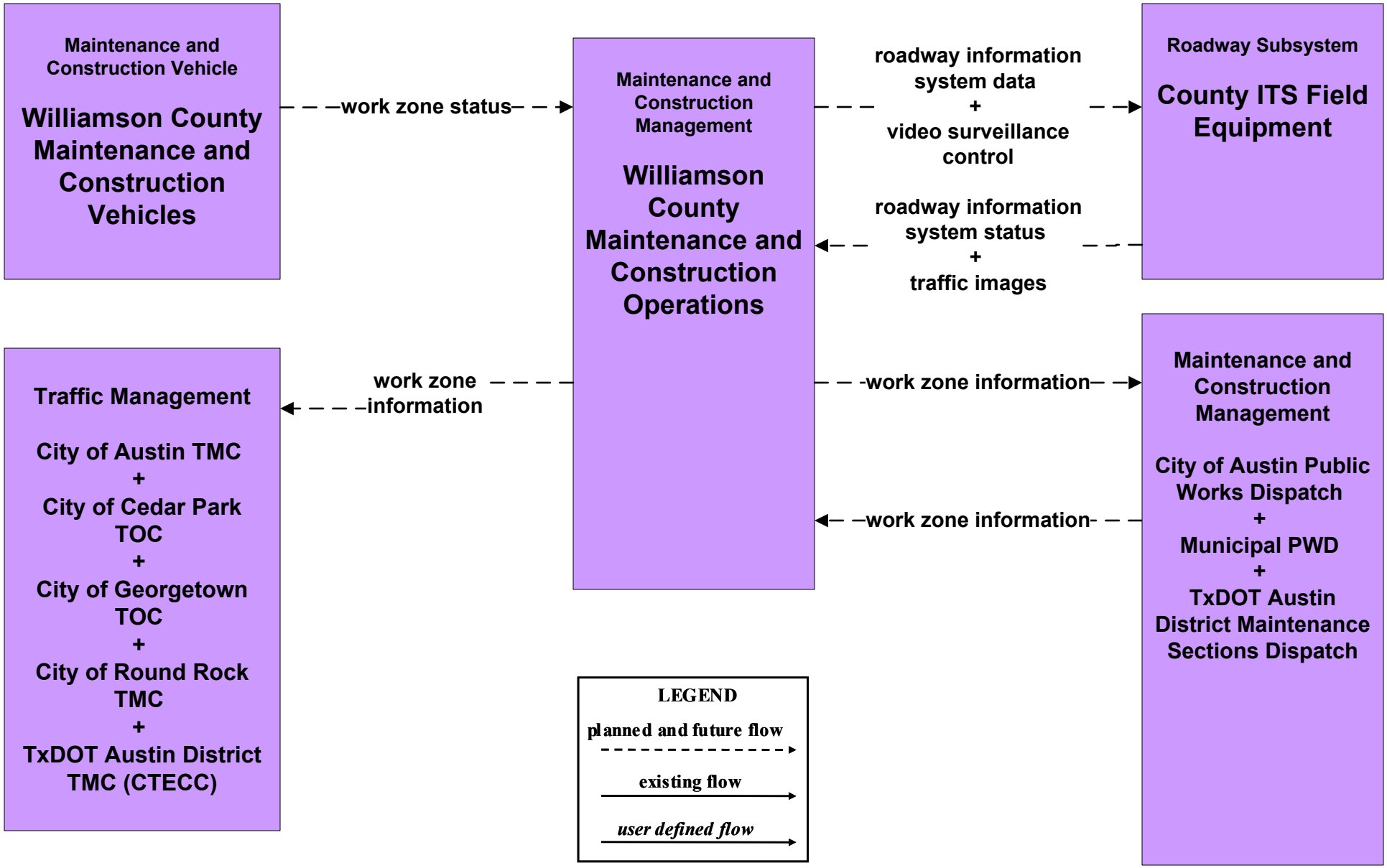
MC08 - Work Zone Management
Municipal Public Works Department (1 of 2)



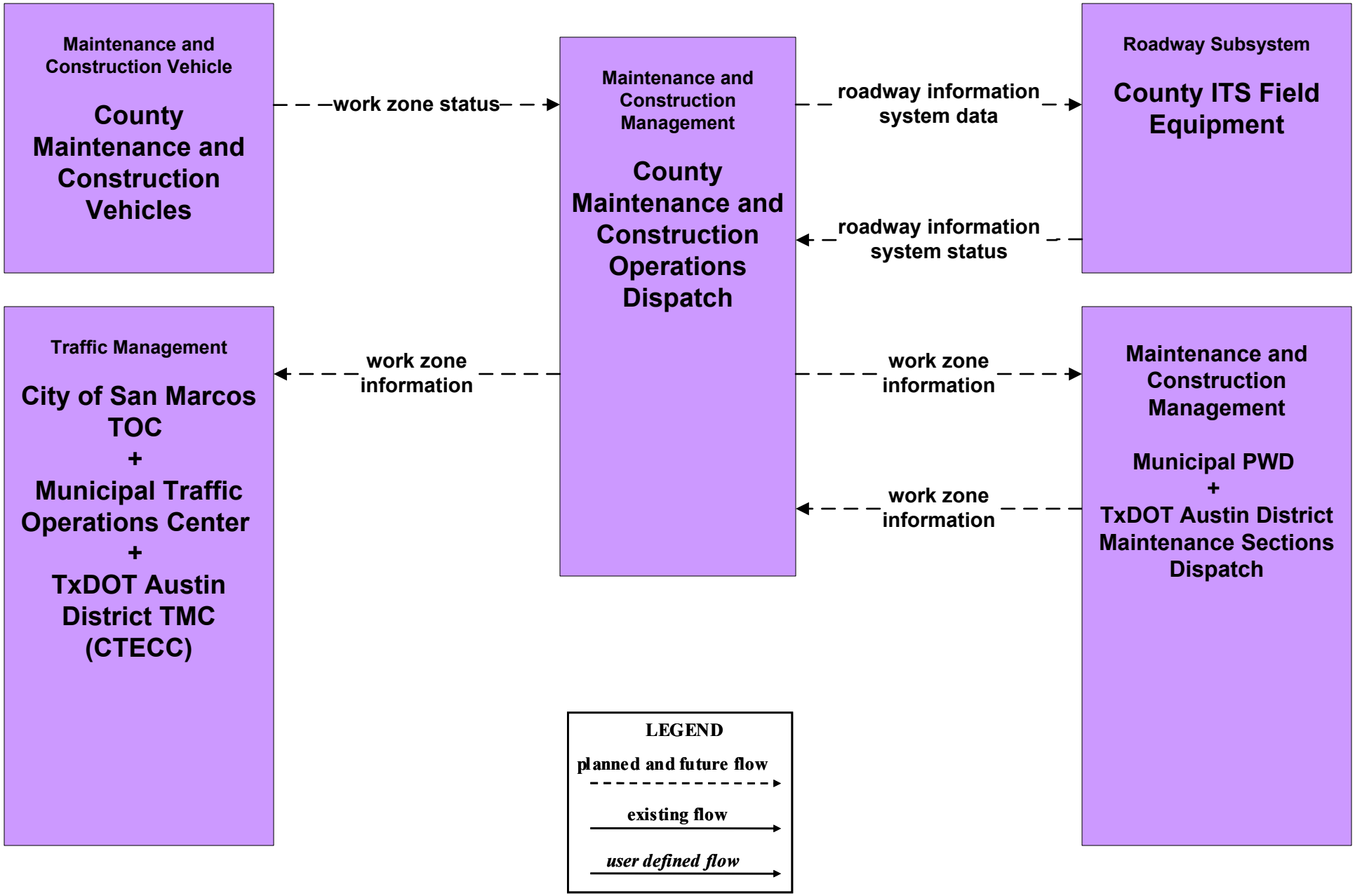
MC08 - Work Zone Management
Travis County Maintenance and Construction (1 of 2)



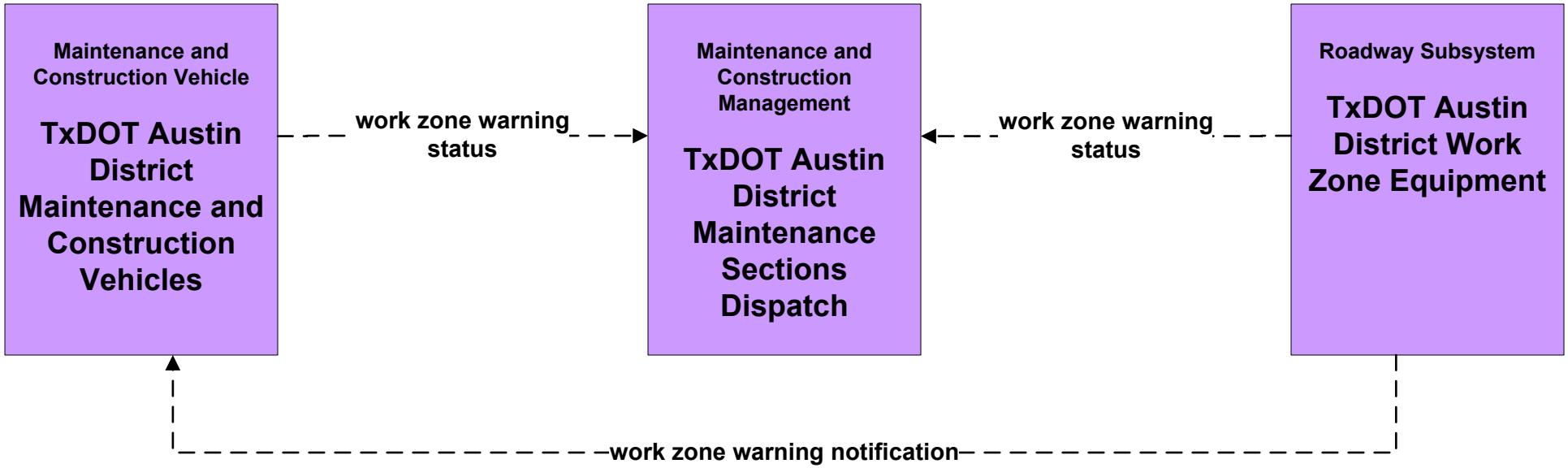
MC08 - Work Zone Management
Williamson County Maintenance and Construction (1 of 2)

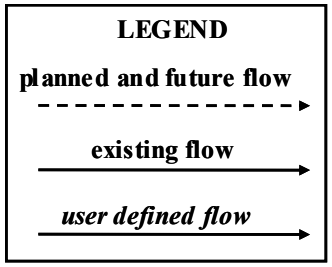


MC08 - Work Zone Management
County Maintenance and Construction (1 of 2)

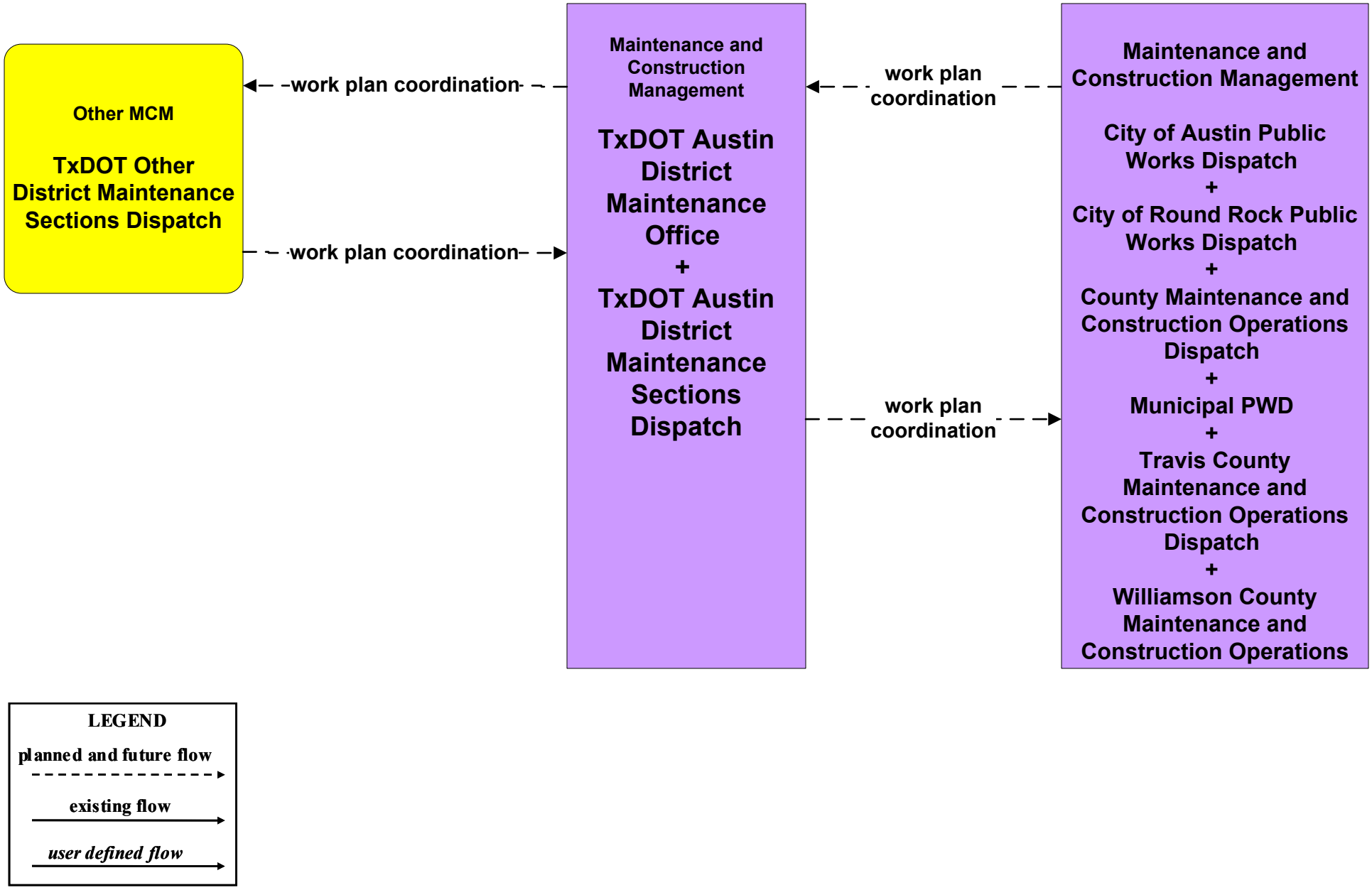


MC09 - Work Zone Safety Monitoring
TxDOT Austin District Maintenance Sections

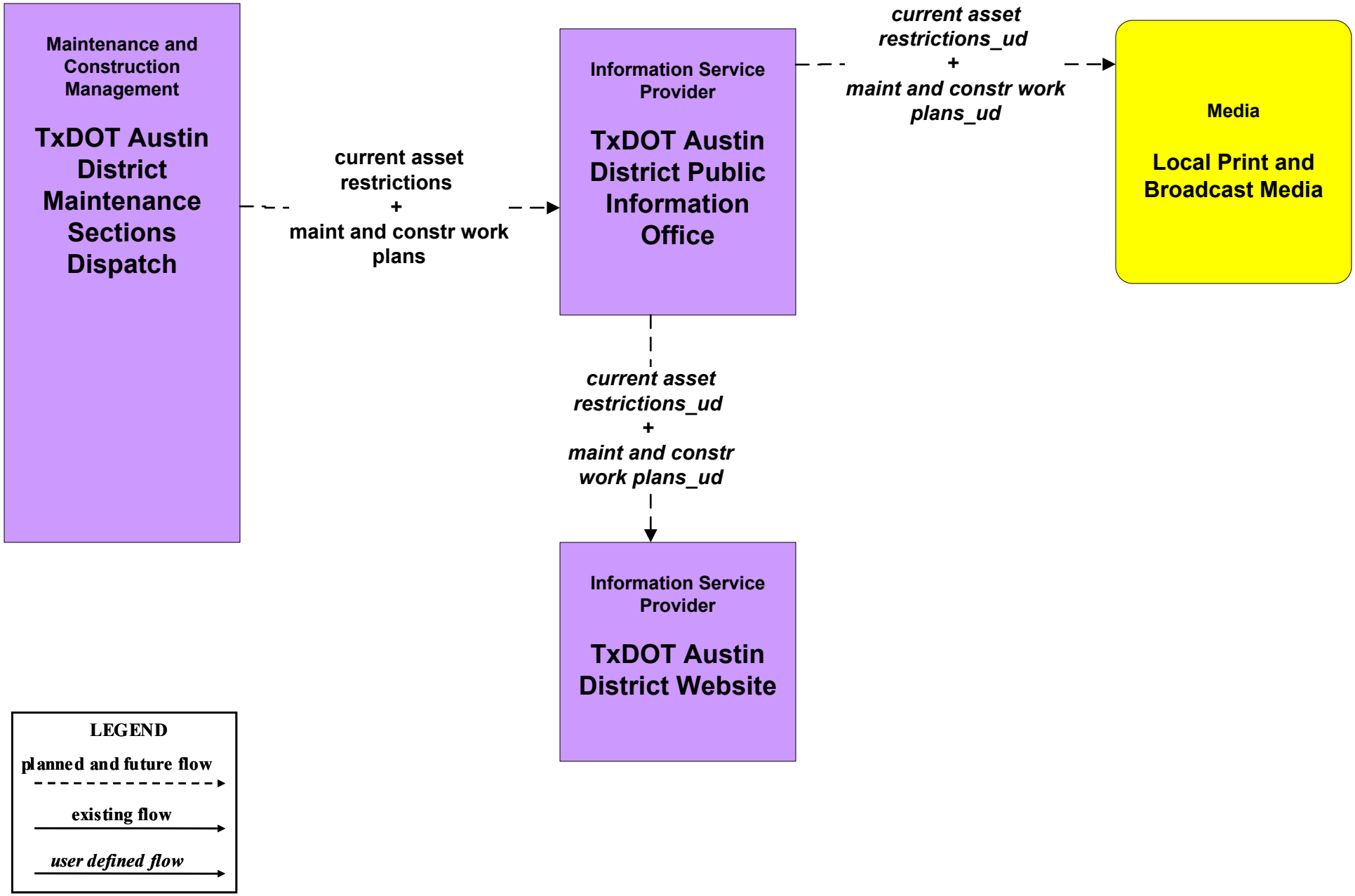




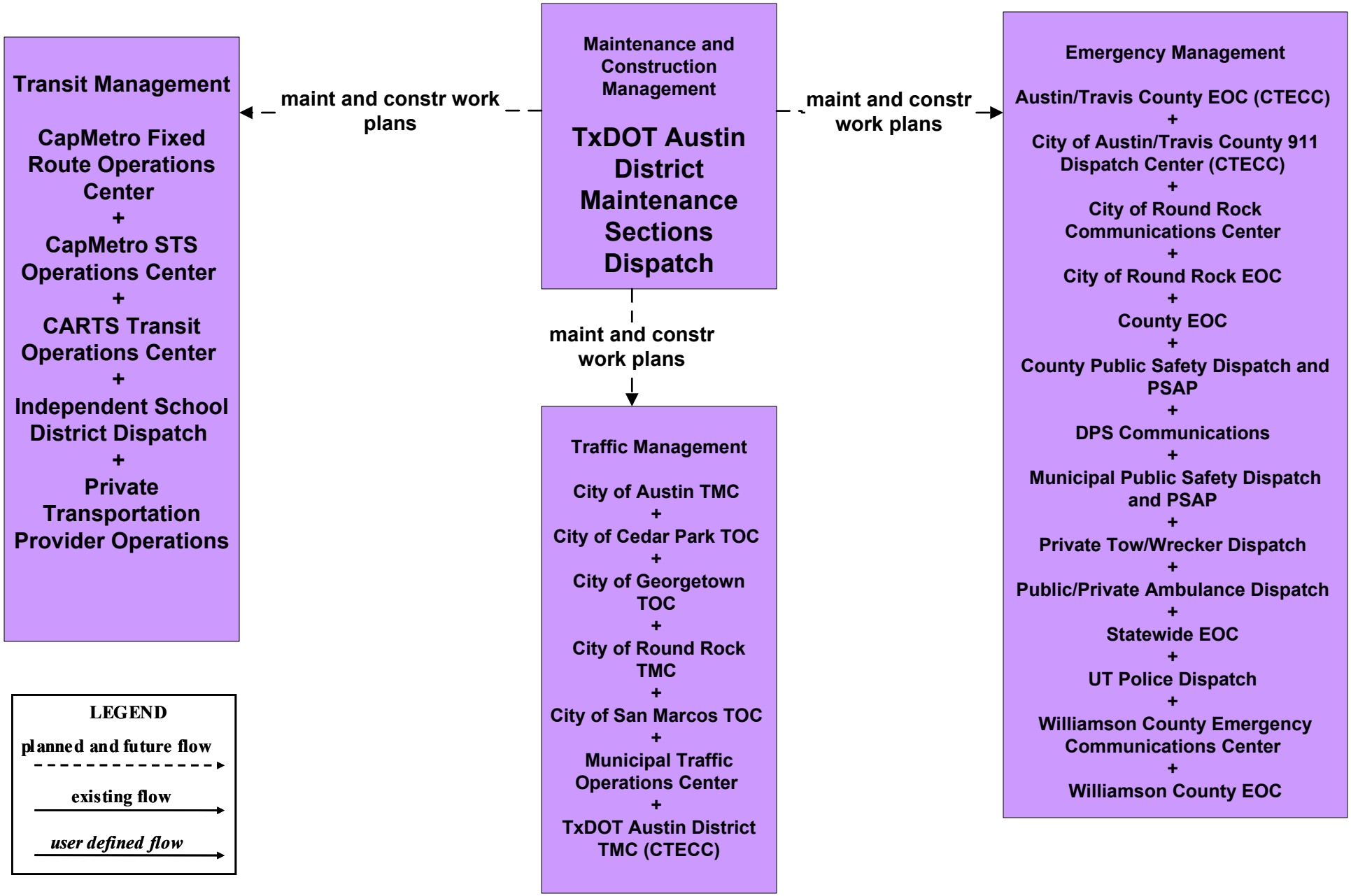
MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - TxDOT (1 of 3)



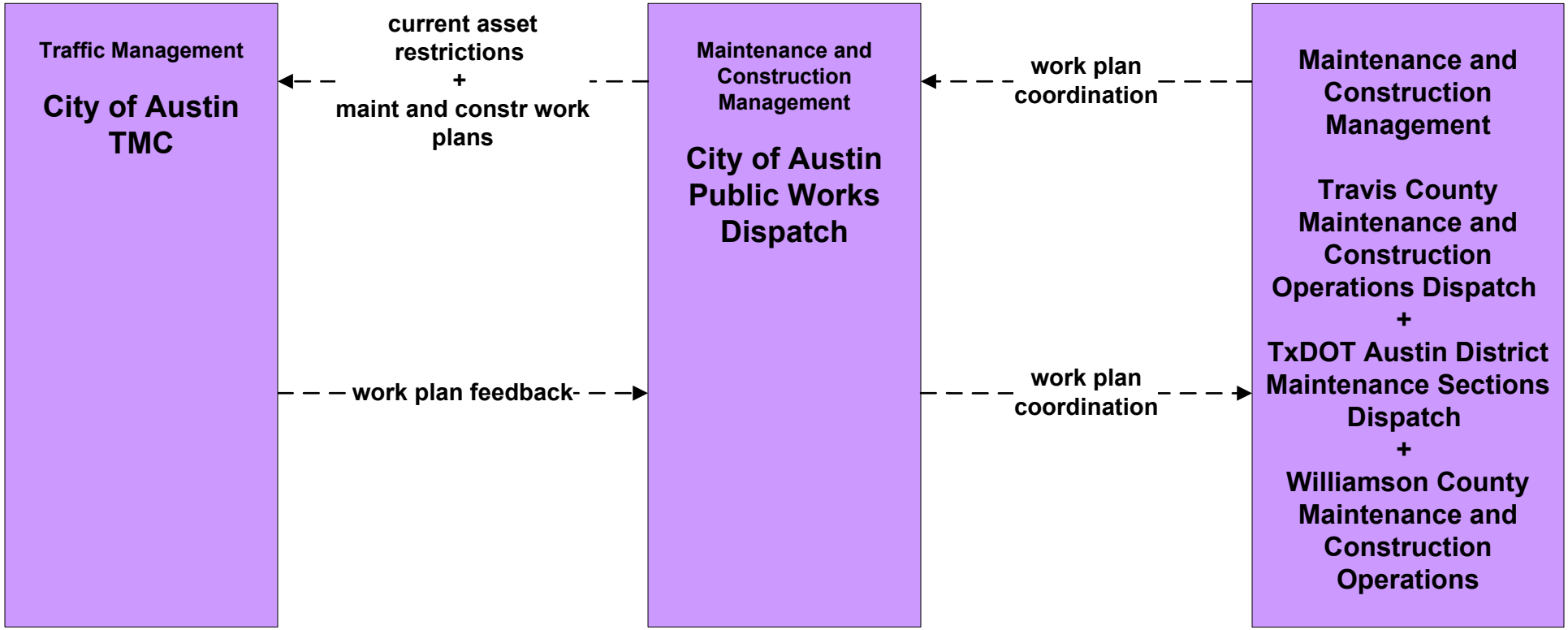
MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - TxDOT (2 of 3)

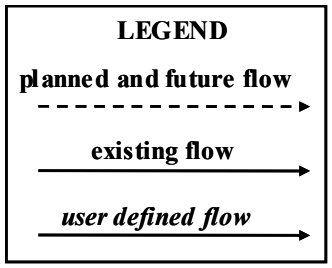


MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - TxDOT (3 of 3)

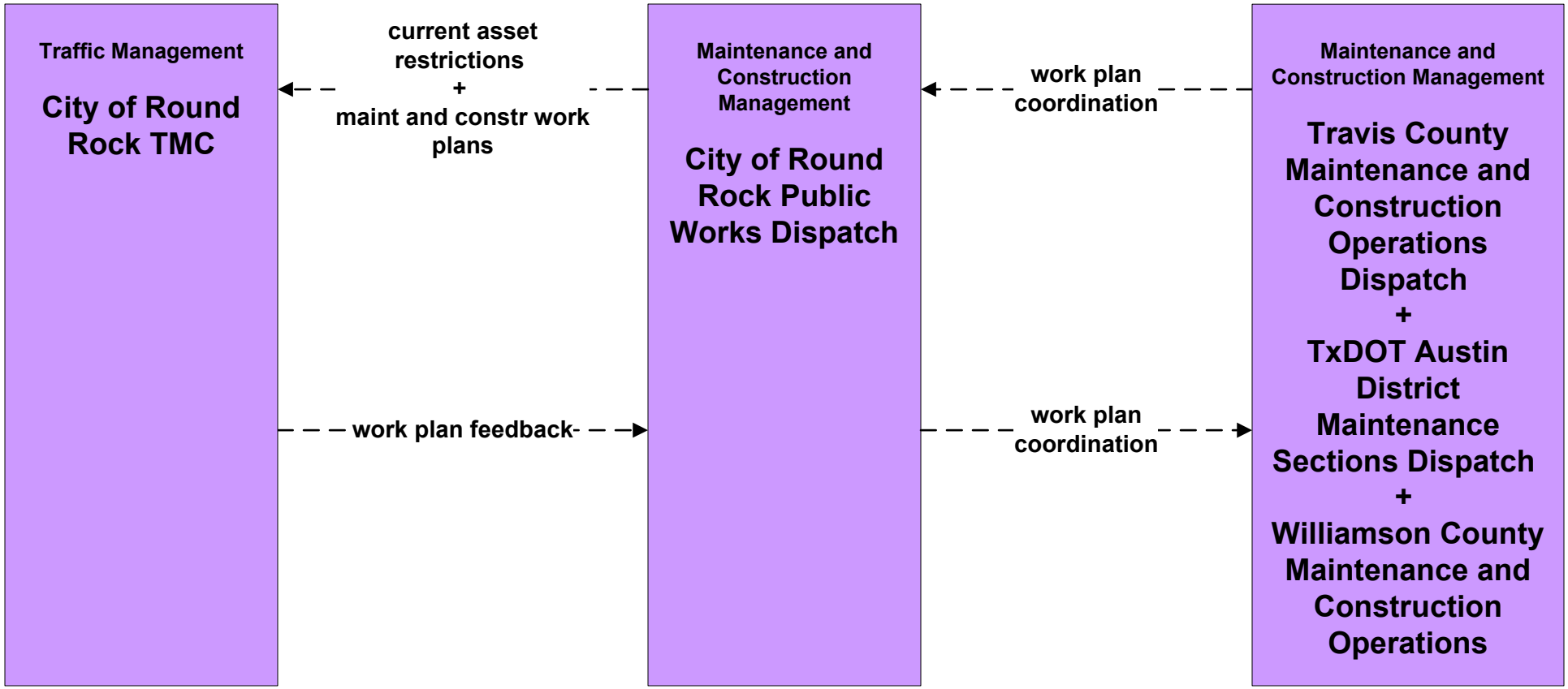


MC10 - Maintenance and Construction Activity Coordination
City of Austin Public Works (1 of 2)





MC10 - Maintenance and Construction Activity Coordination
City of Round Rock Public Works (1 of 2)



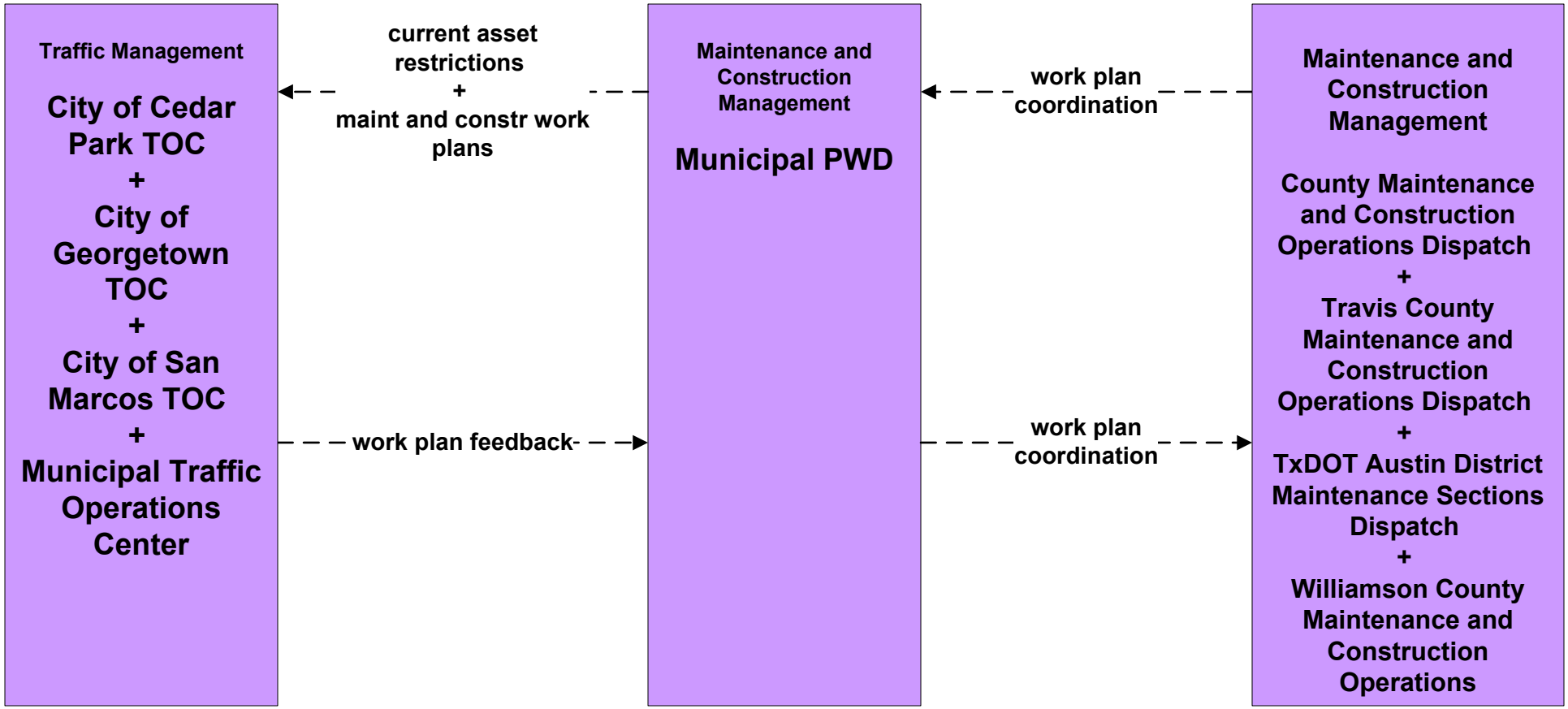
LEGEND

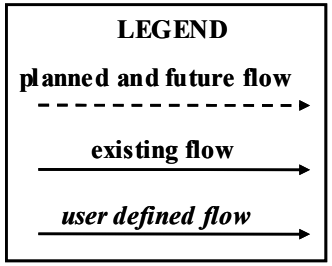
planned and future flow

existing flow

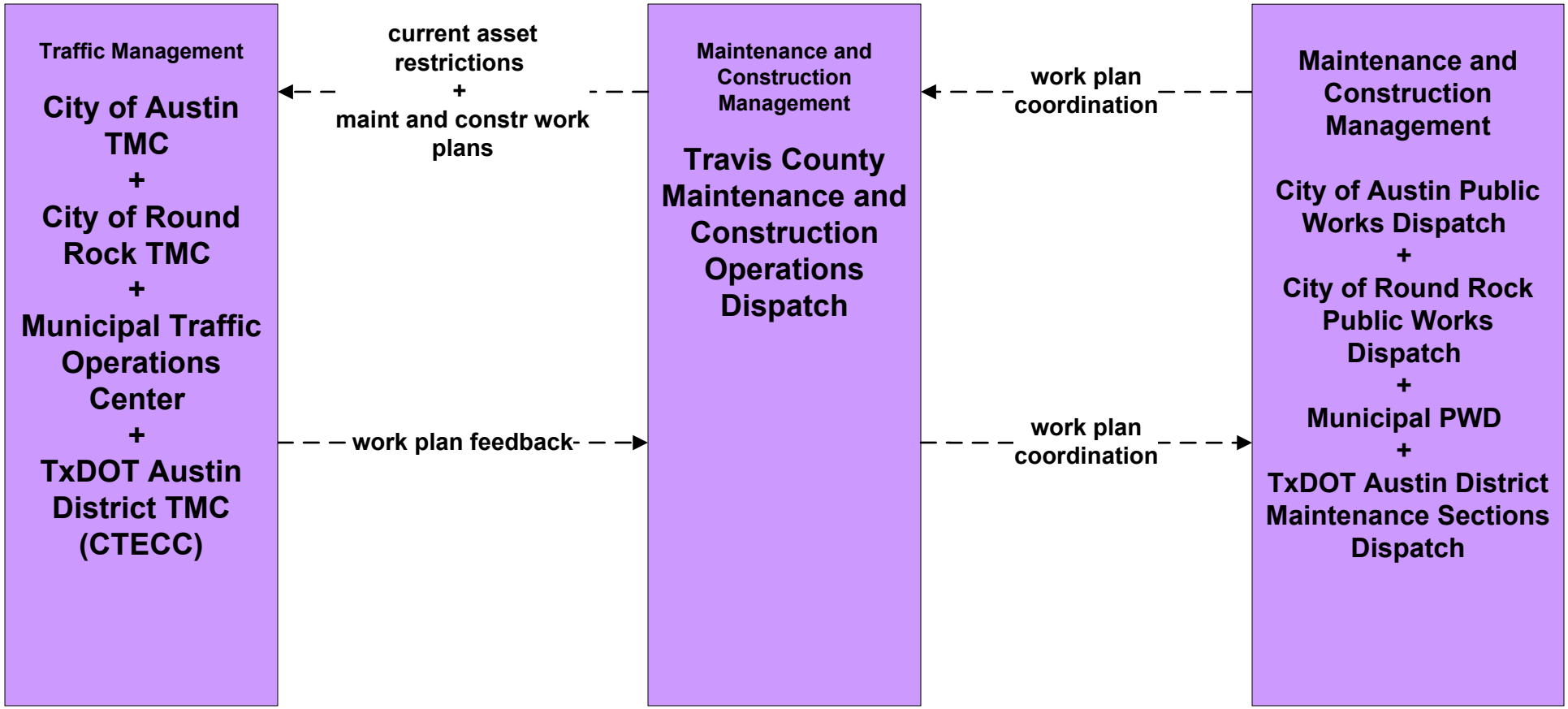
user defined flow

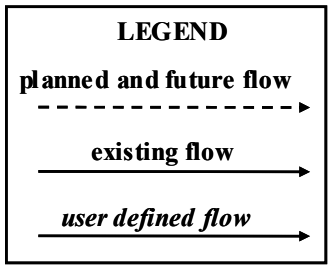
MC10 - Maintenance and Construction Activity Coordination
Municipal Public Works Department (1 of 2)



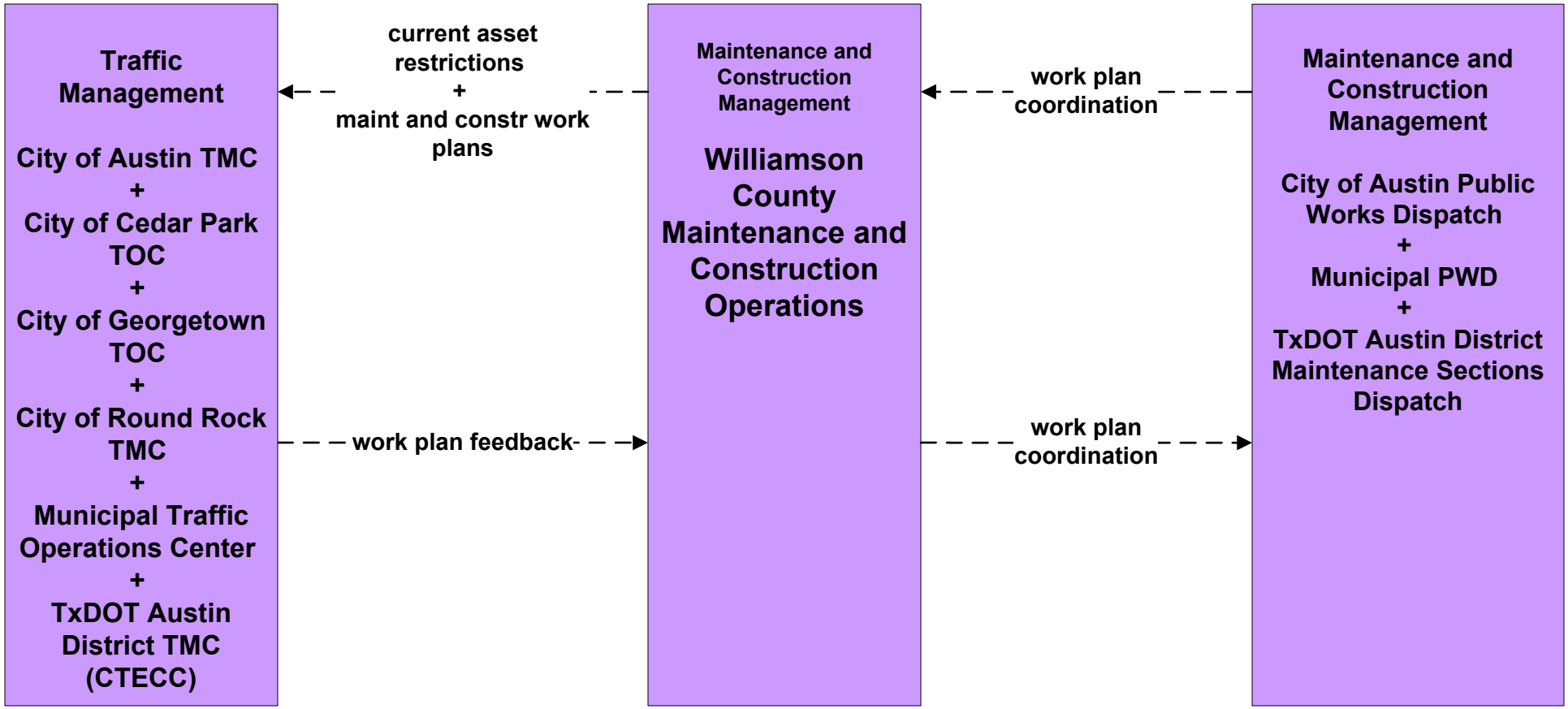


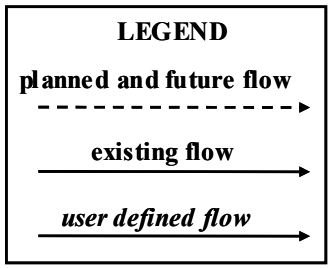
MC10 - Maintenance and Construction Activity Coordination
Travis County Maintenance and Construction (1 of 2)



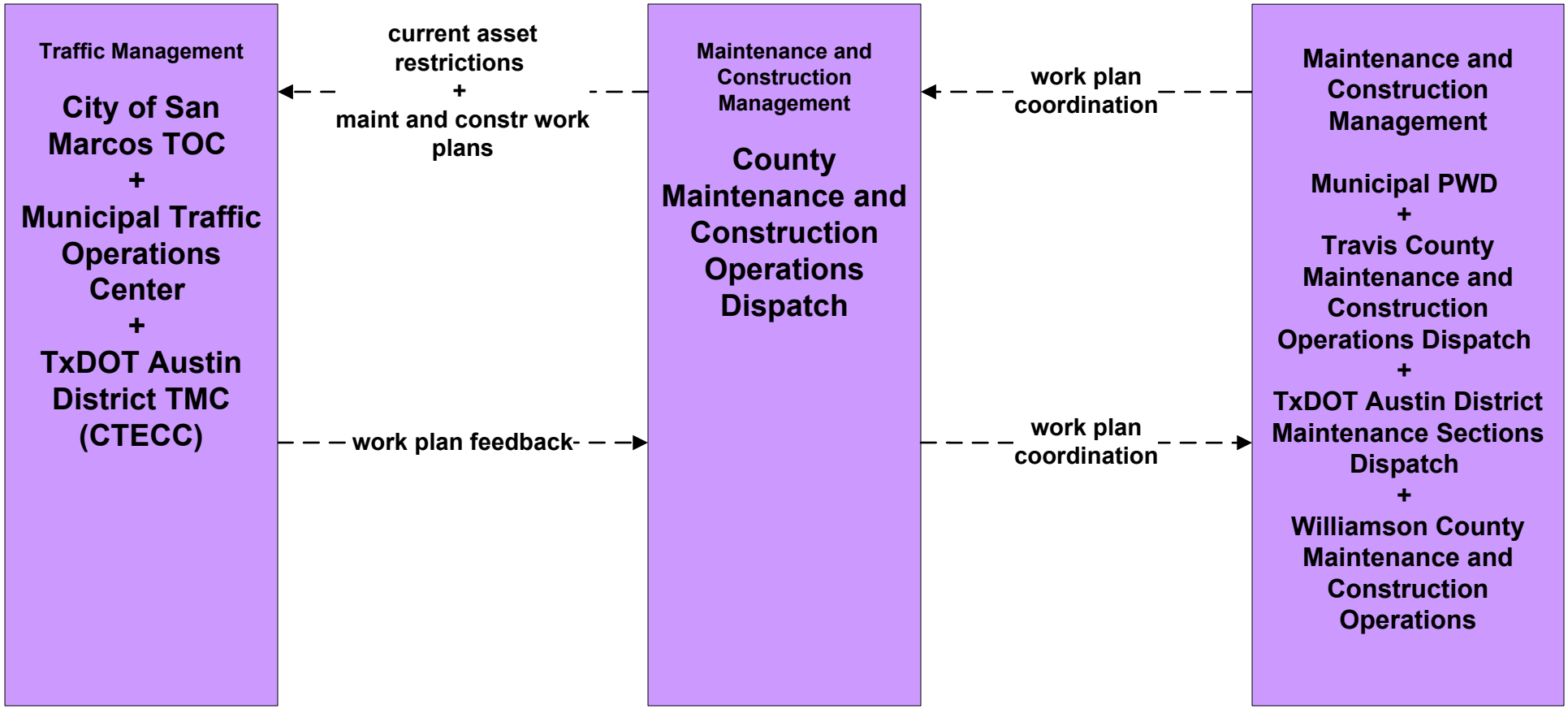


MC10 - Maintenance and Construction Activity Coordination
Williamson County Maintenance and Construction (1 of 2)





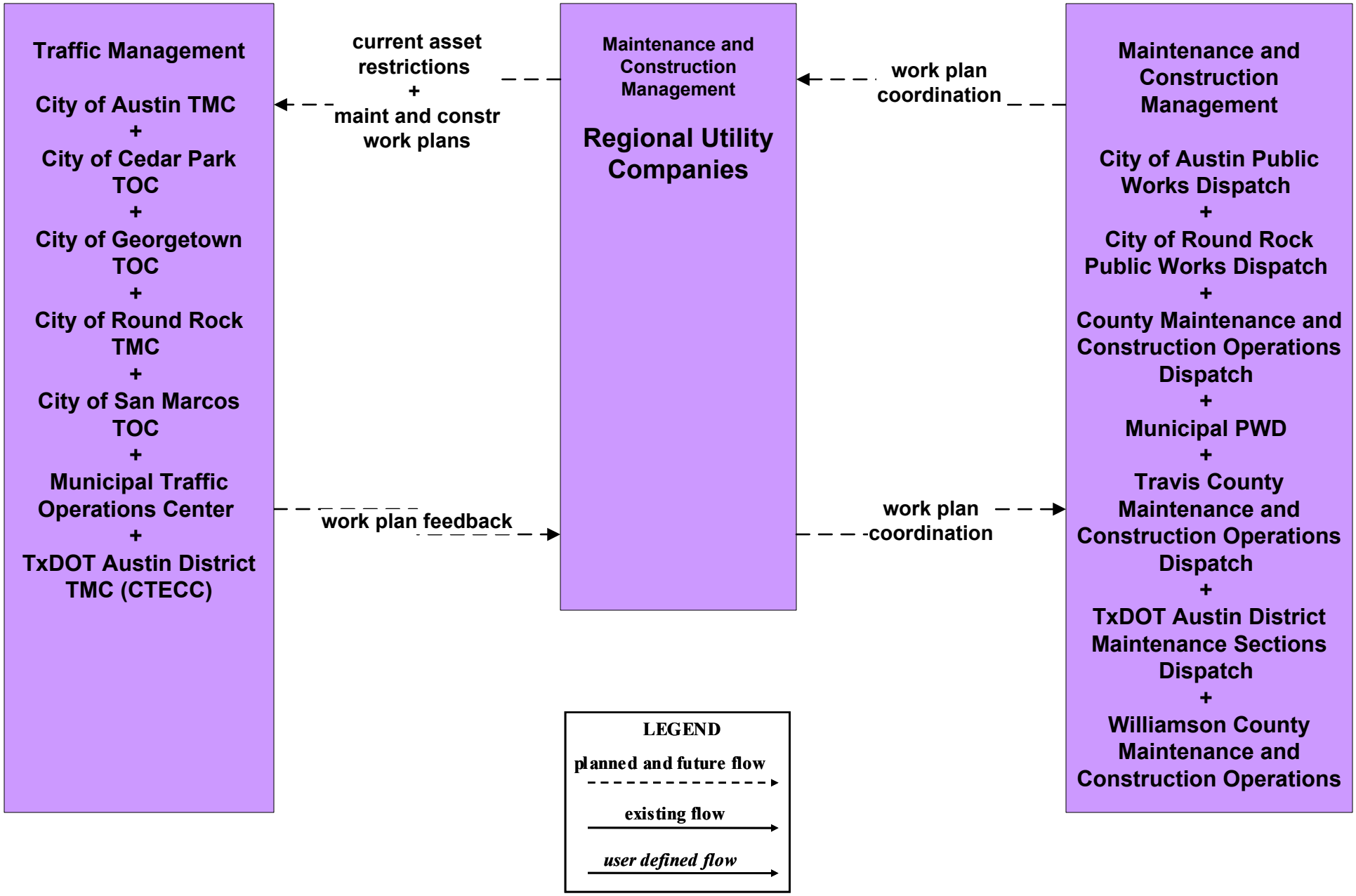
MC10 - Maintenance and Construction Activity Coordination
County Maintenance and Construction (1 of 2)



LEGEND

planned and future flow

existing flow

user defined flow

MC10 - Maintenance and Construction Activity Coordination
Regional Utility Companies