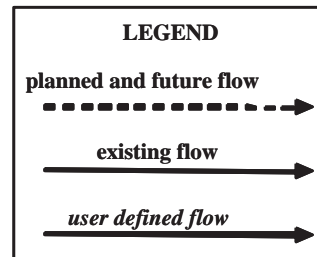
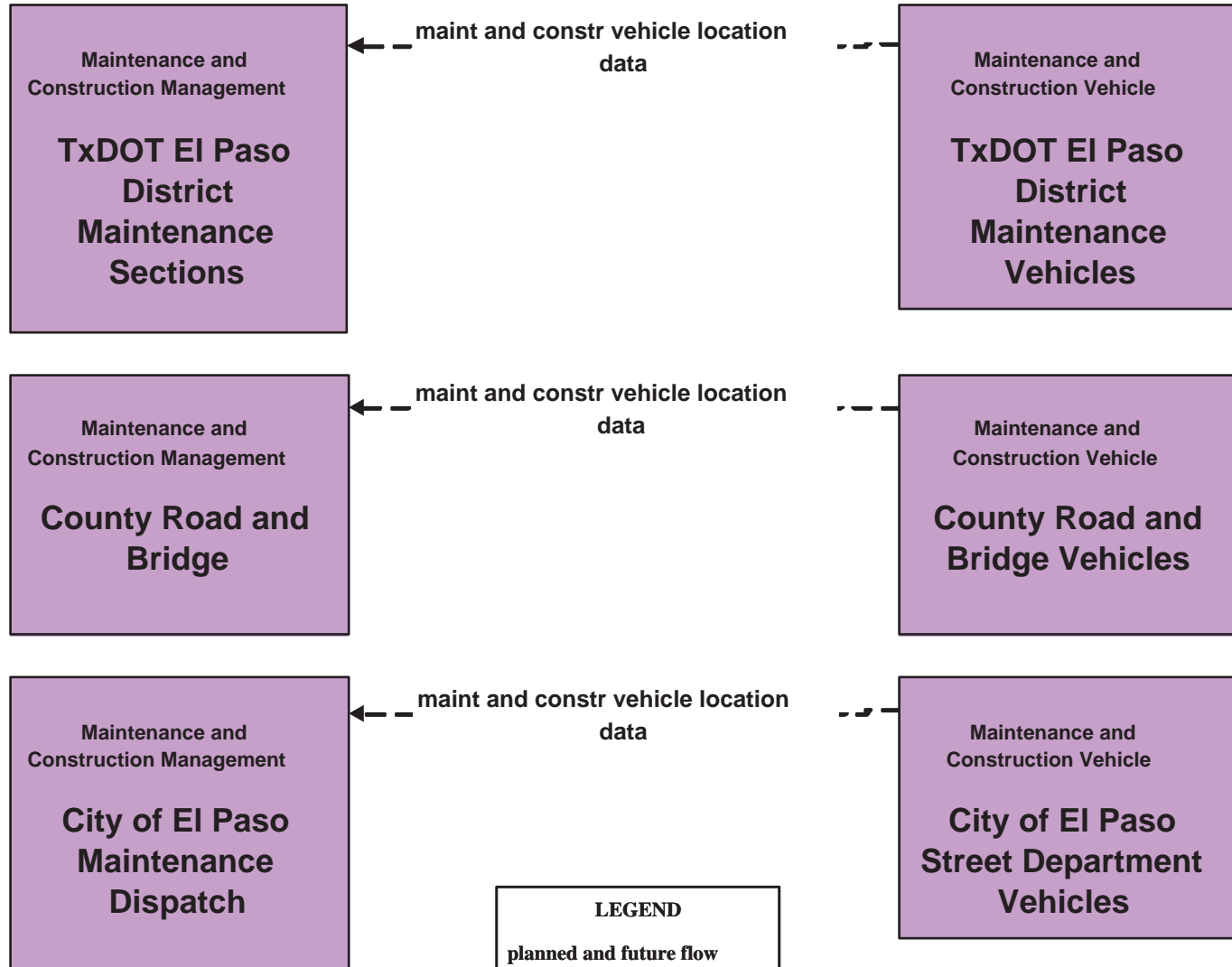


# **El Paso Regional ITS Architecture**

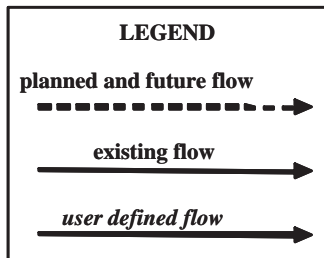
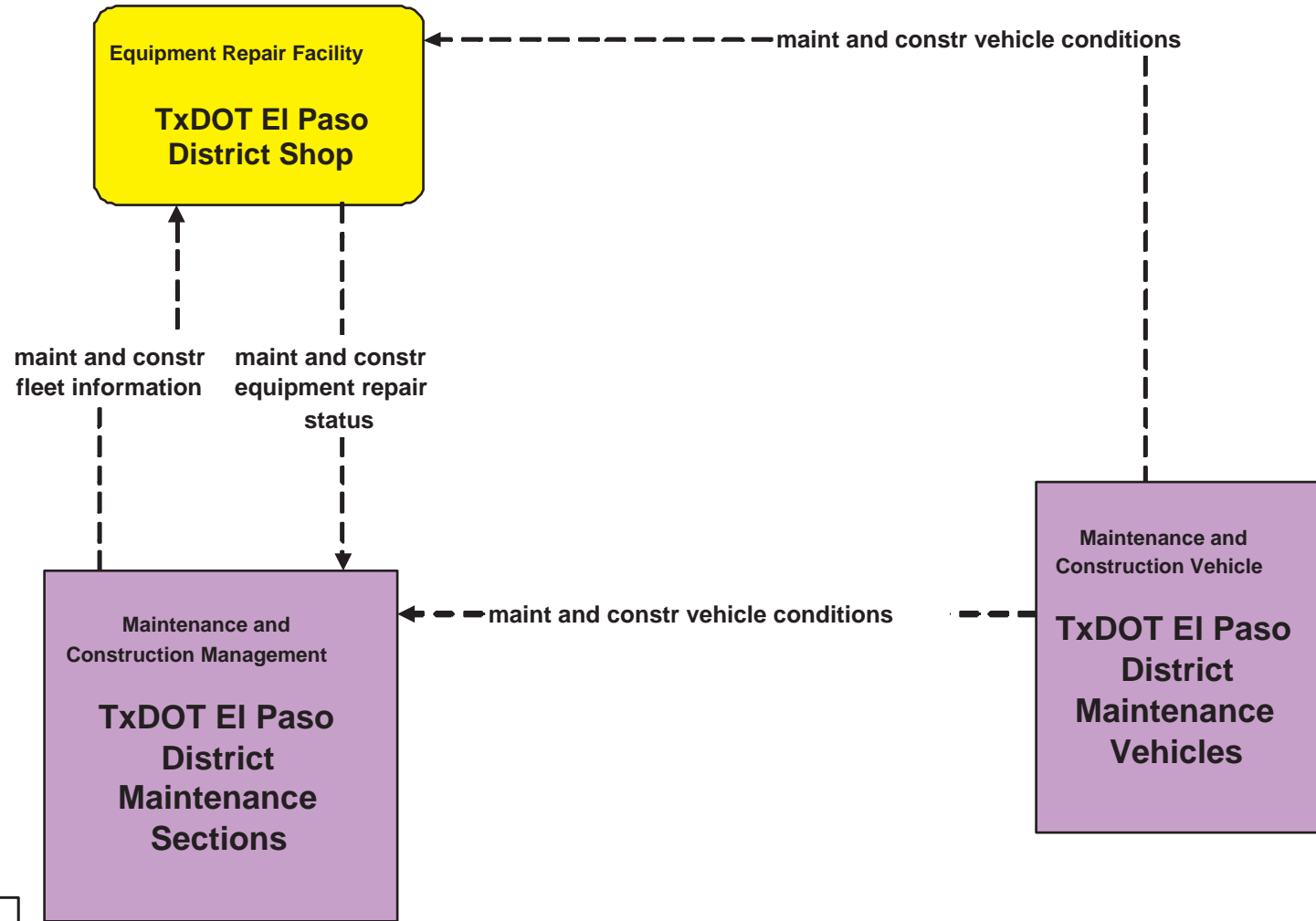
## **Customized Market Package Diagrams**

### **Maintenance and Construction (MC)**

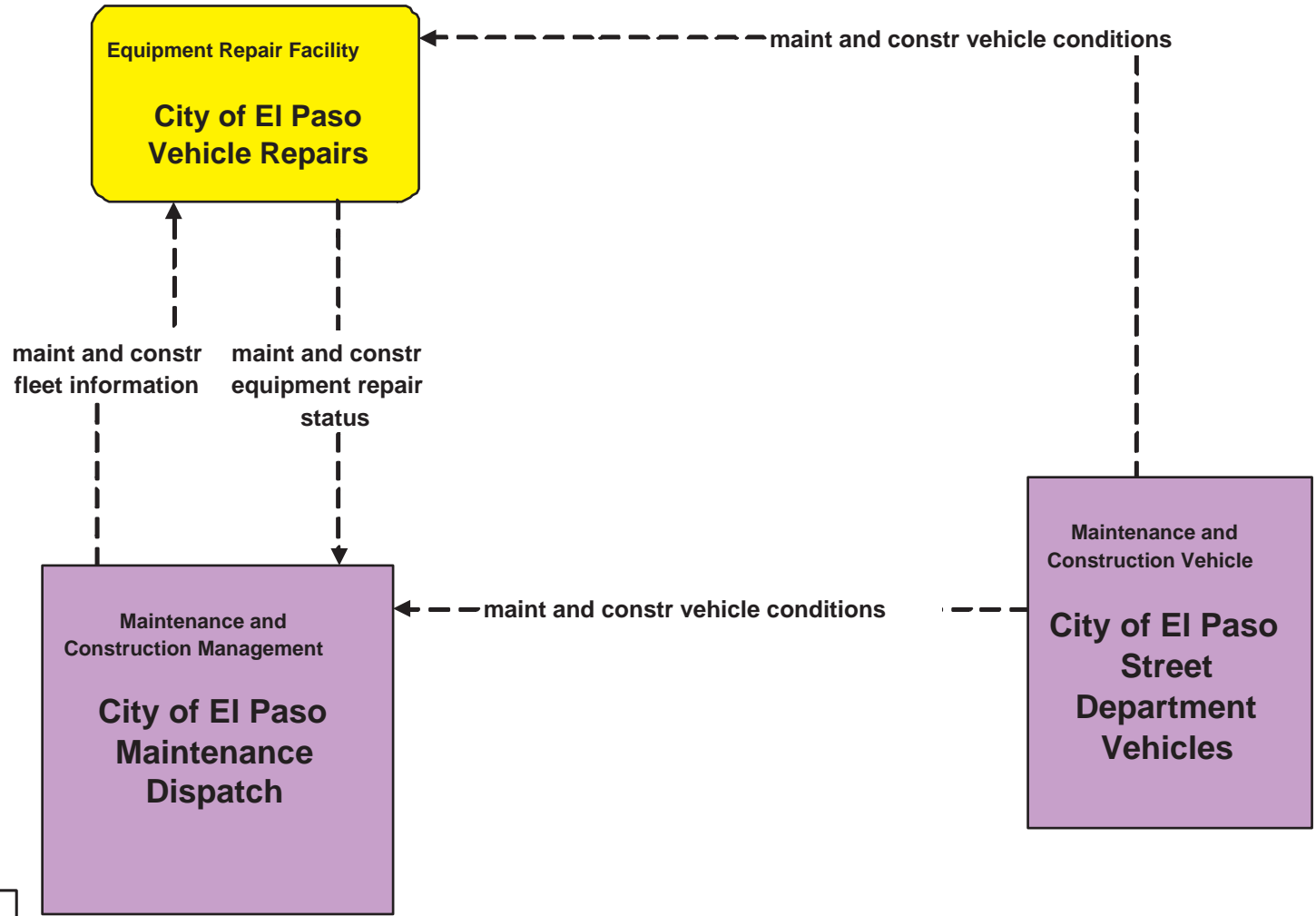
**MC01 - Maintenance and Construction Vehicle Tracking**  
**City/ County/ State**



**MC02 - Maintenance and Construction Vehicle Maintenance  
TxDOT El Paso Maintenance Sections**



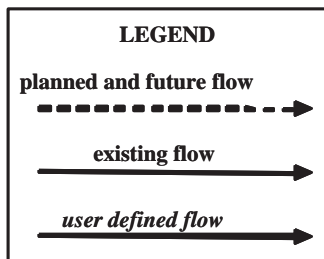
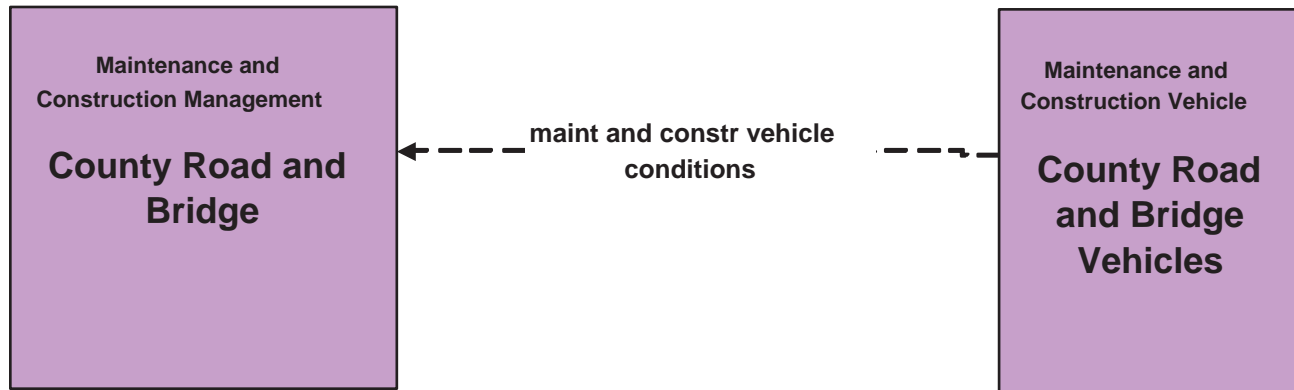
**MC02 - Maintenance and Construction Vehicle Maintenance  
City of El Paso**



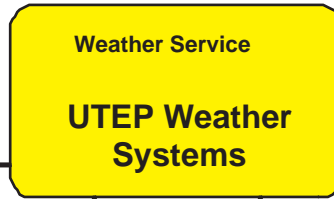
**LEGEND**

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

**MC02 - Maintenance and Construction Vehicle Maintenance  
County Road and Bridge**



**MC04 - Weather Information Processing and Distribution  
UTEP**

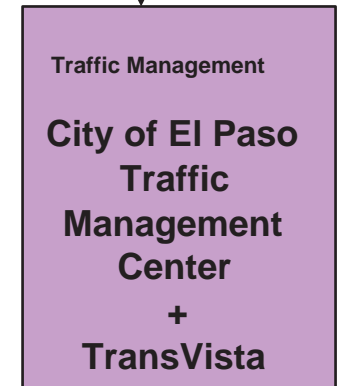
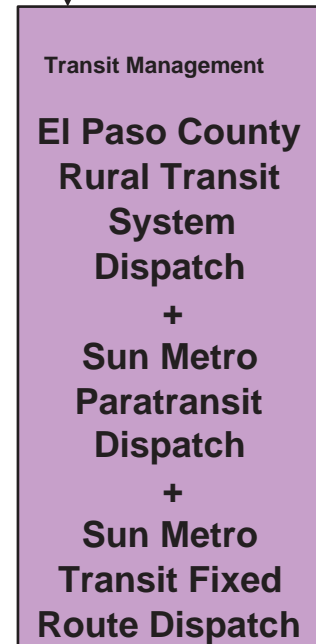
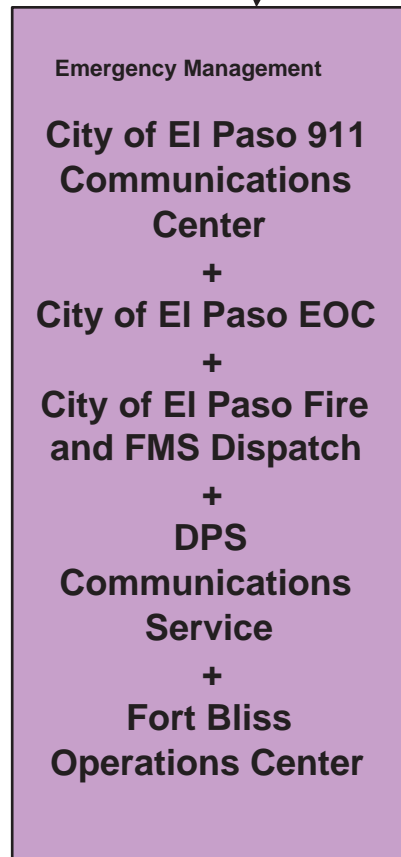
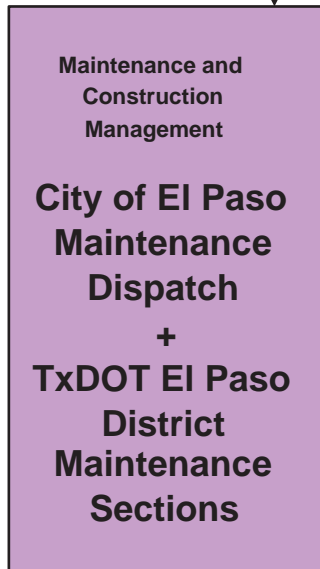


weather information

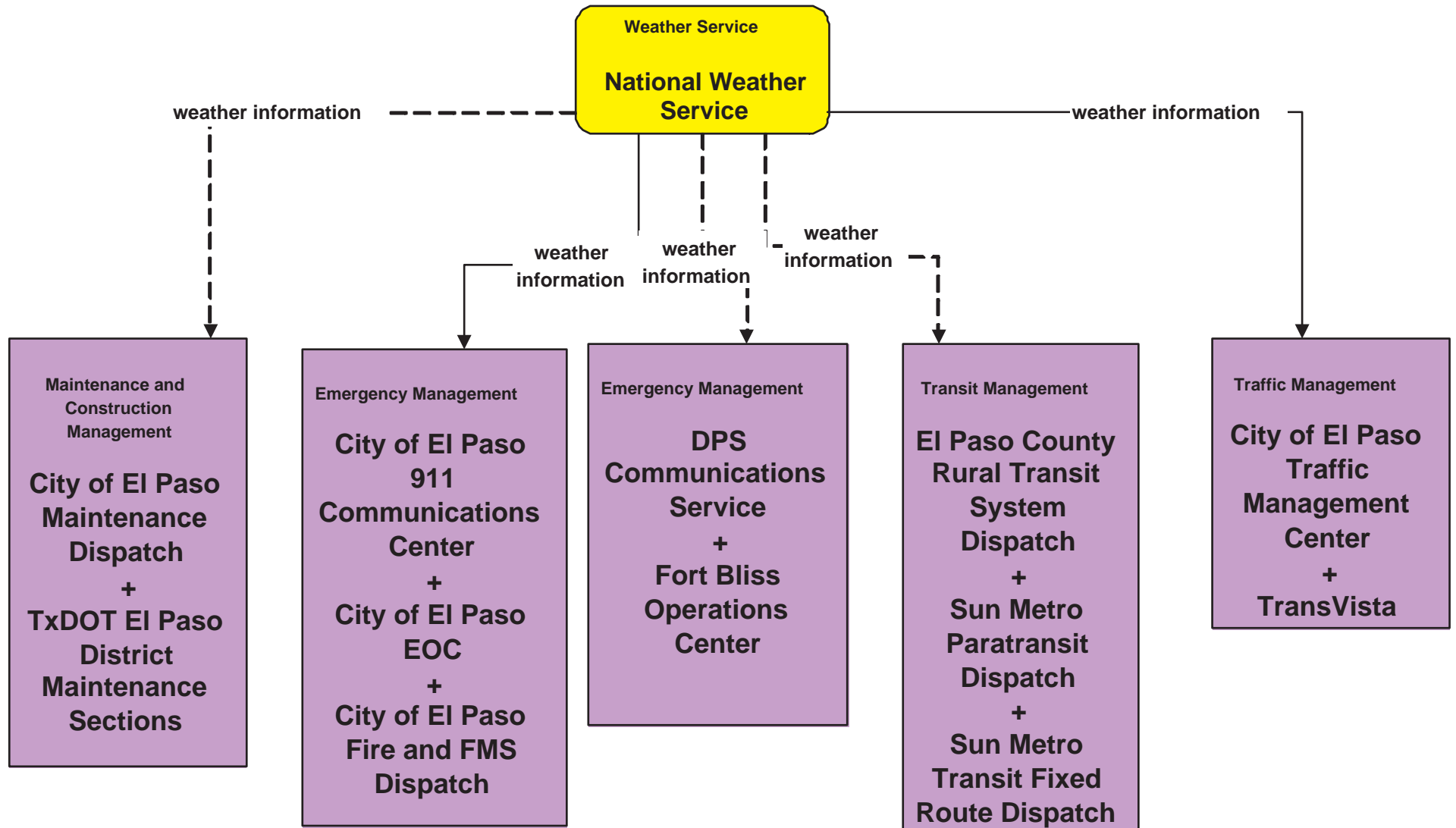
weather information

weather information

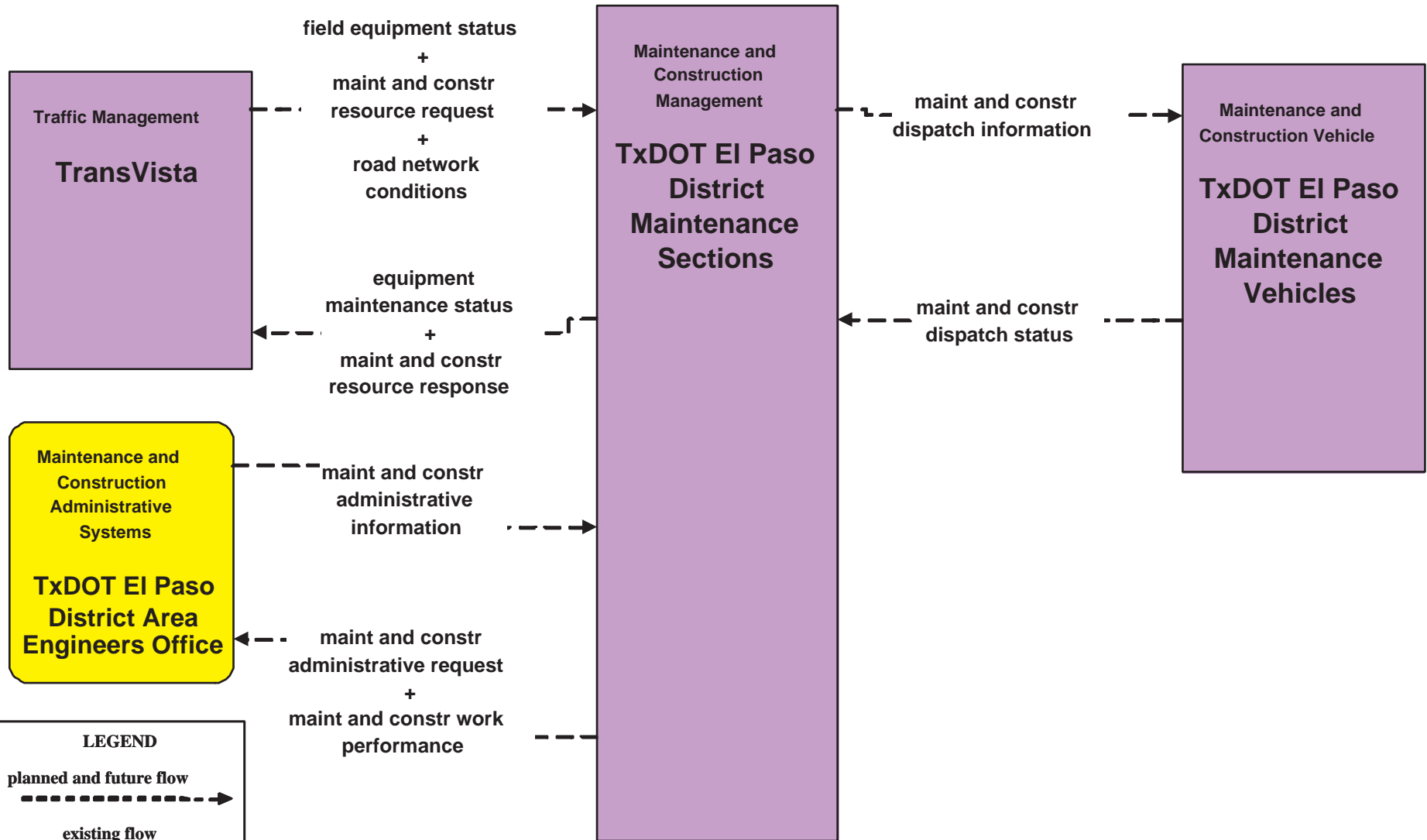
weather information



**MC04 - Weather Information Processing and Distribution**  
**NWS**

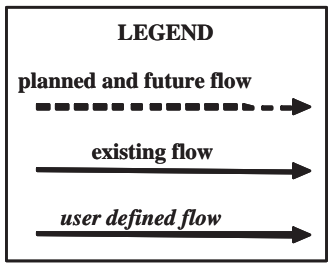
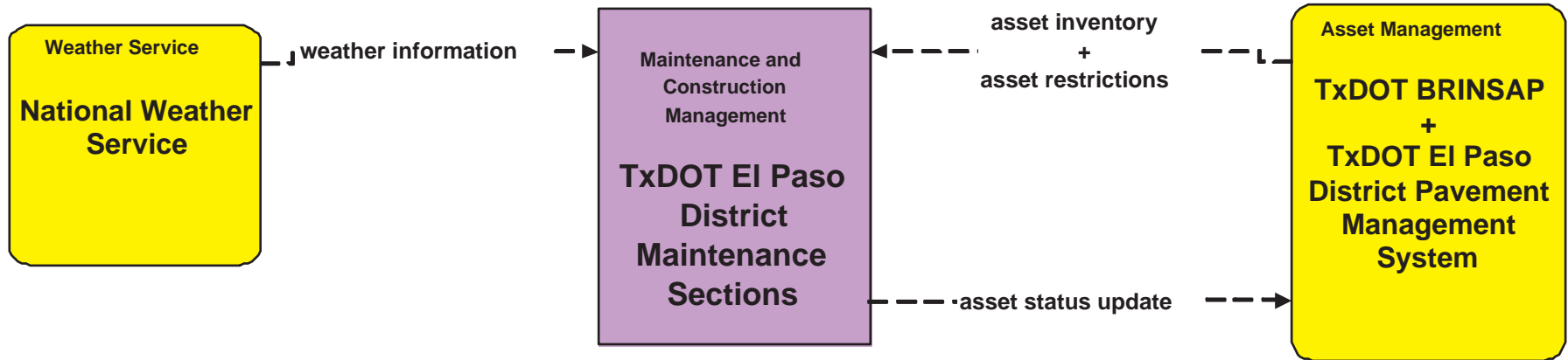


**MC07 - Roadway Maintenance and Construction  
 TxDOT El Paso District Maintenance Sections (1 of 2)**

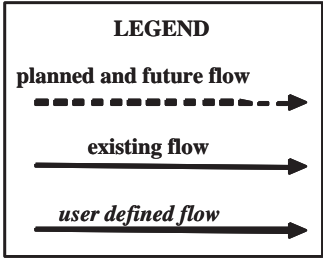
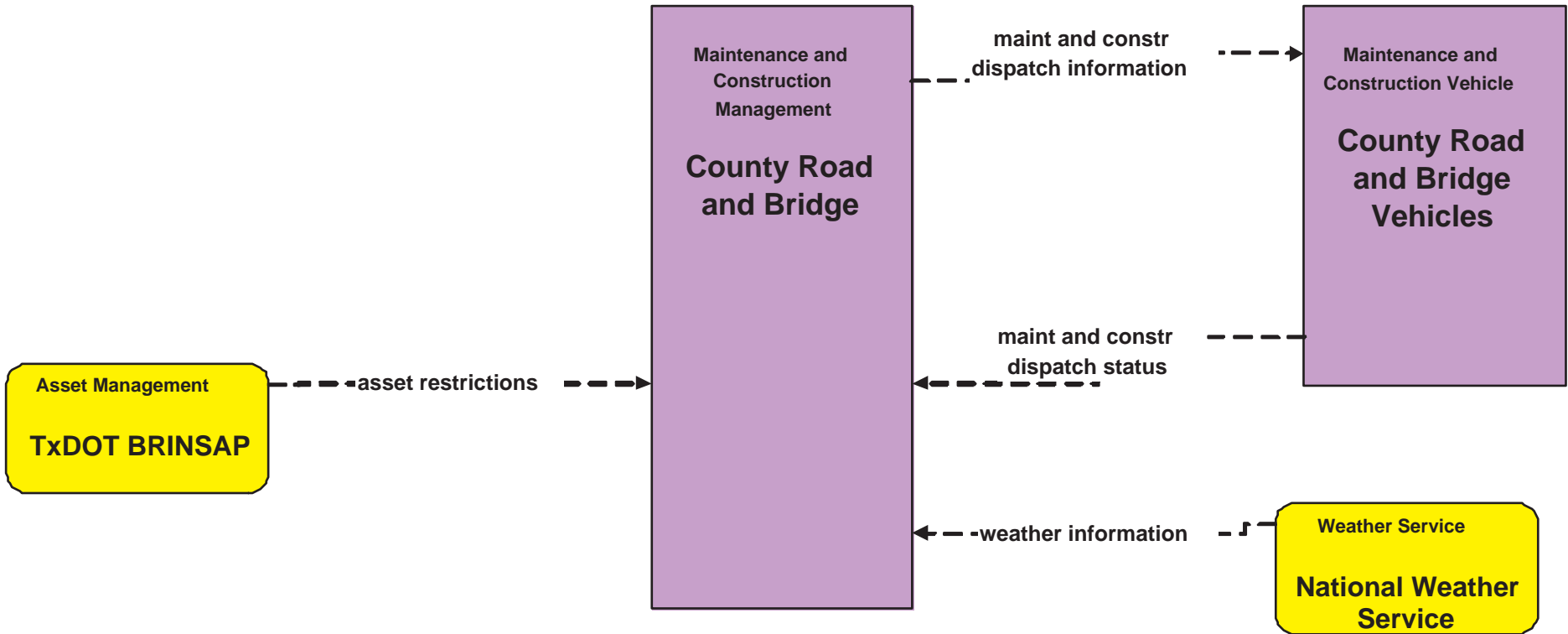




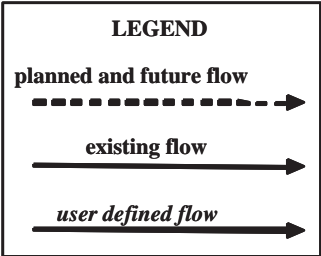
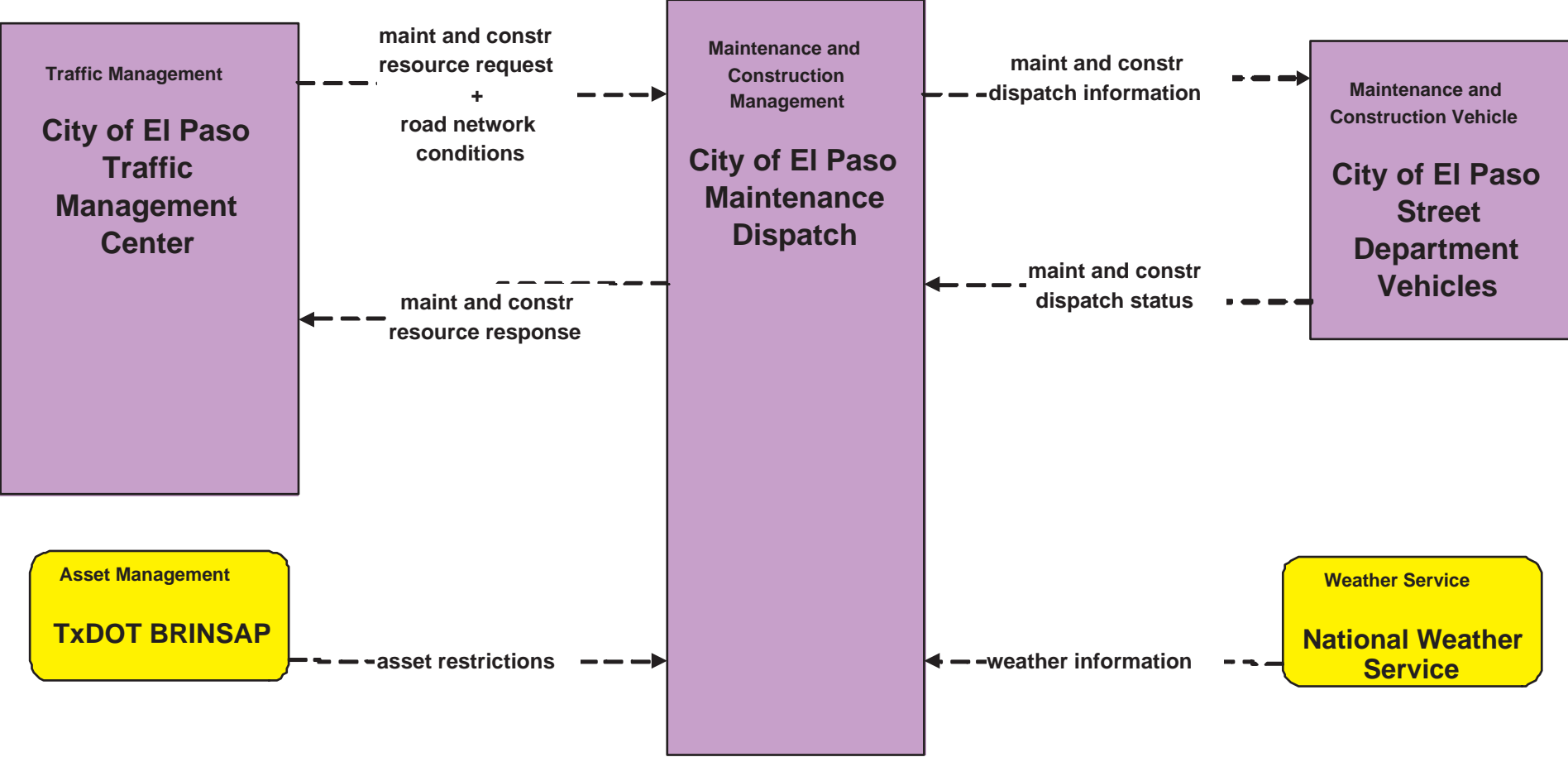
**MC07 - Roadway Maintenance and Construction  
TxDOT EI Paso District Maintenance Sections (2 of 2)**



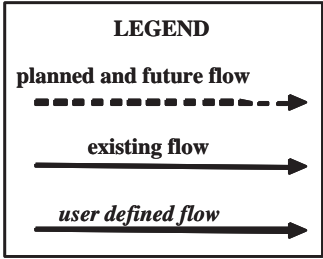
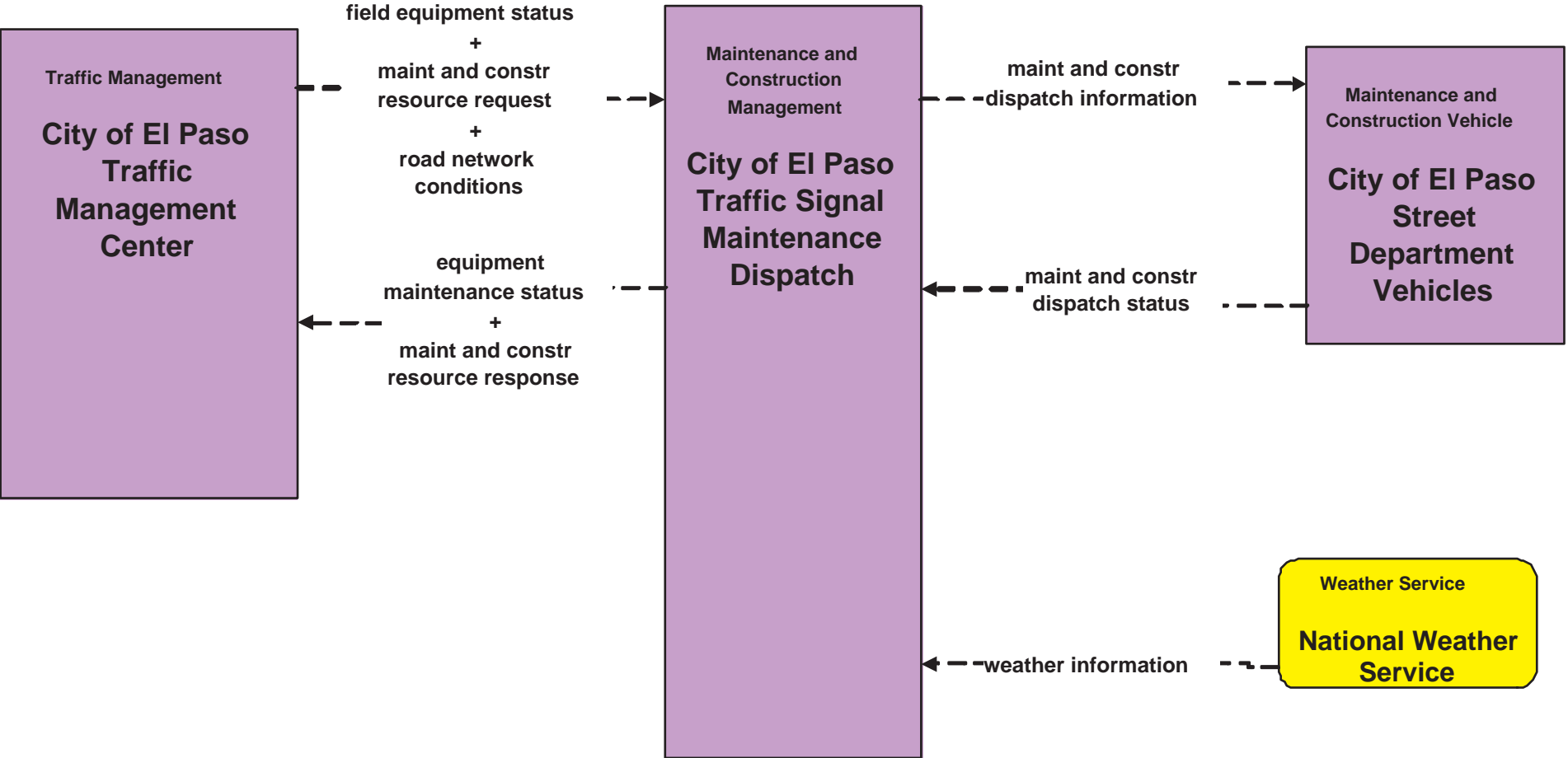
**MC07 - Roadway Maintenance and Construction  
County Road and Bridge**



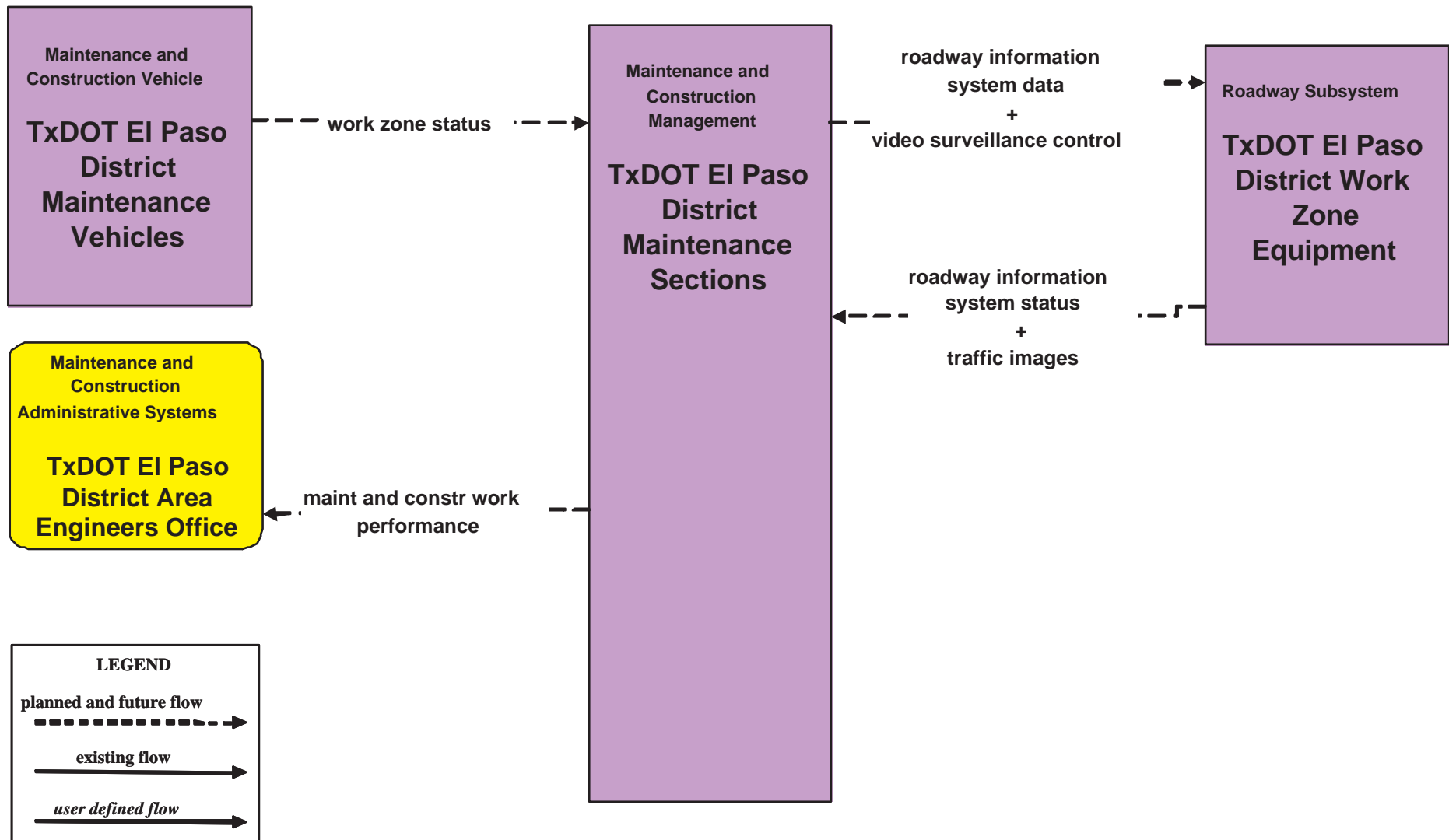
**MC07 - Roadway Maintenance and Construction  
City of El Paso Maintenance Dispatch**



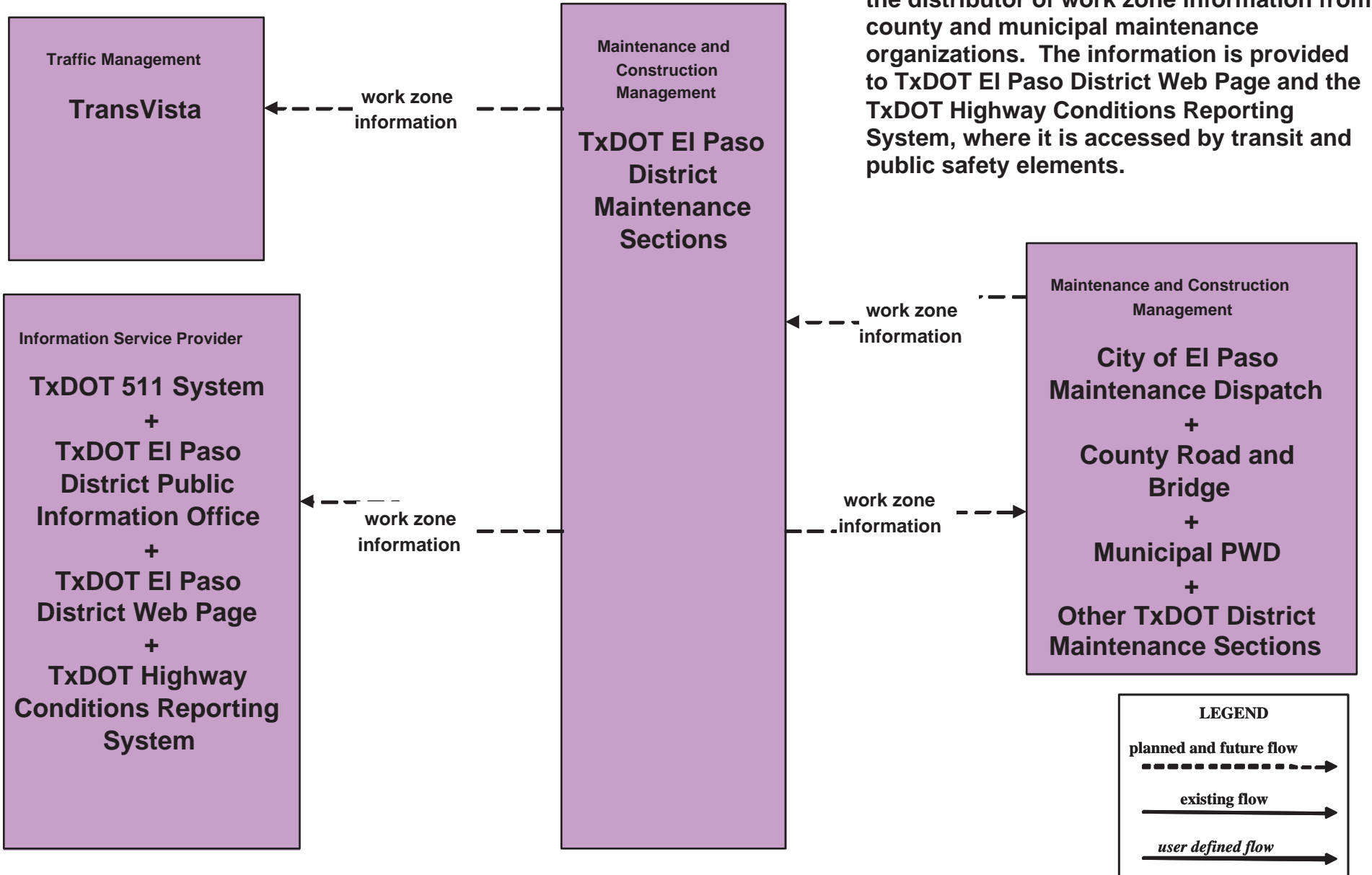
**MC07 - Roadway Maintenance and Construction  
City of El Paso Traffic Signal Maintenance**



**MC08 - Workzone Management**  
**TxDOT EI Paso District Maintenance Sections**

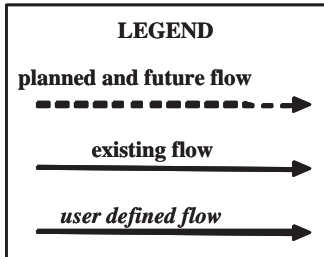
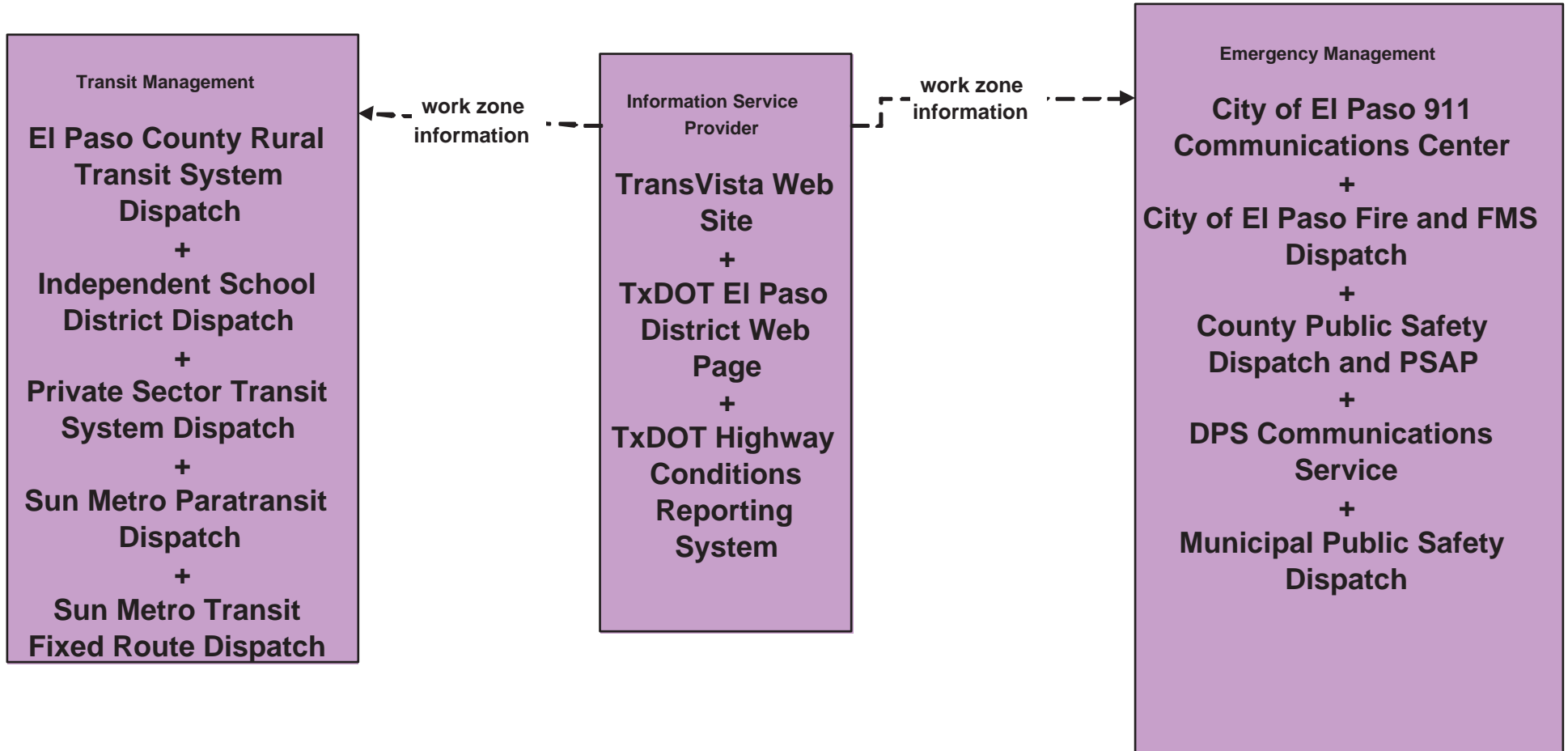


**MC08 - Workzone Management**  
**TxDOT Workzone Information Dissemination (1)**

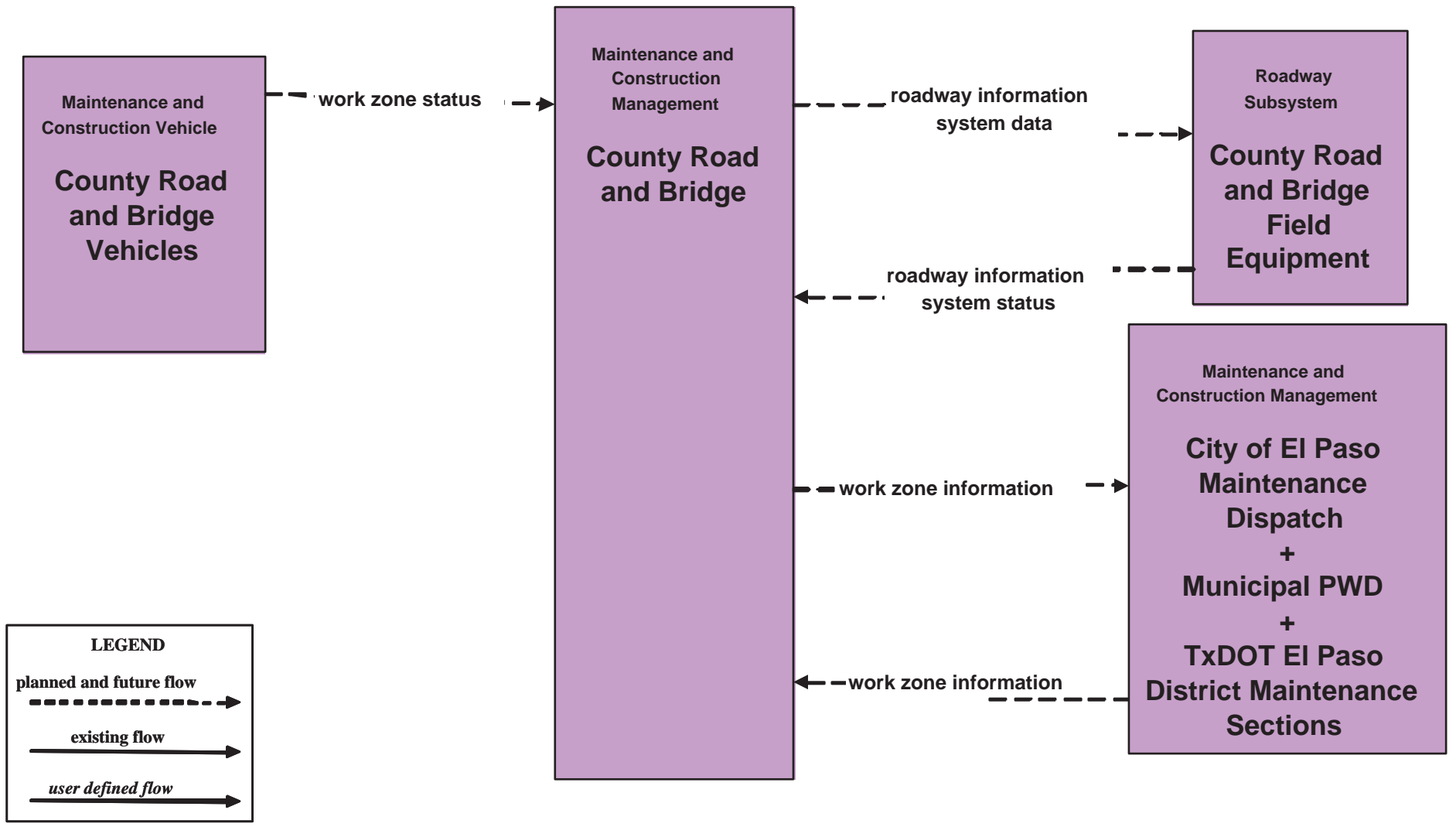


TxDOT EI Paso District Maint Sections are the distributor of work zone information from county and municipal maintenance organizations. The information is provided to TxDOT EI Paso District Web Page and the TxDOT Highway Conditions Reporting System, where it is accessed by transit and public safety elements.

**MC08 - Workzone Management  
TxDOT Workzone Information Dissemination (2)**



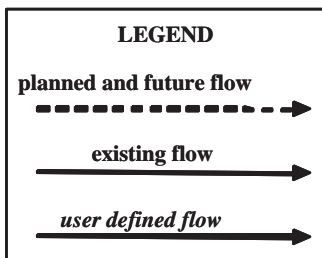
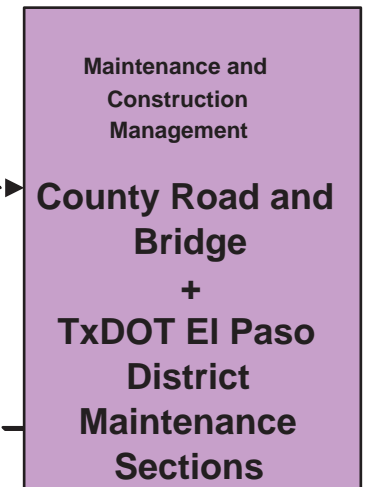
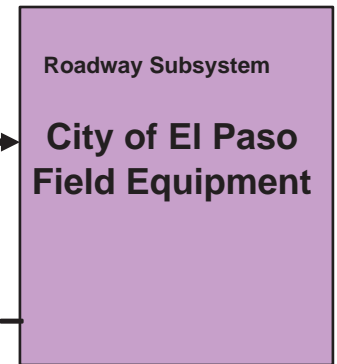
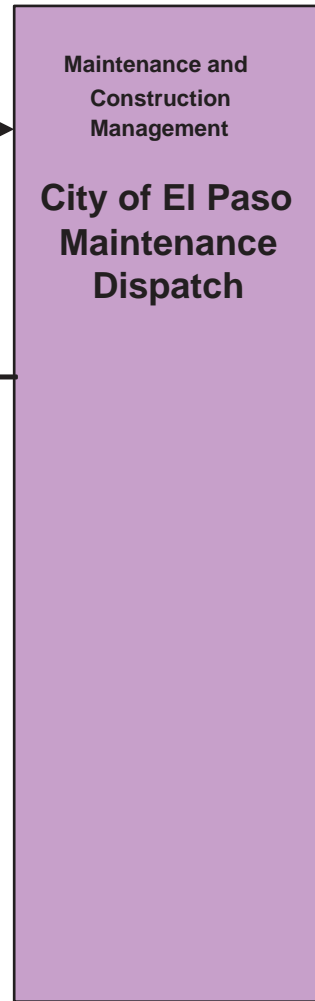
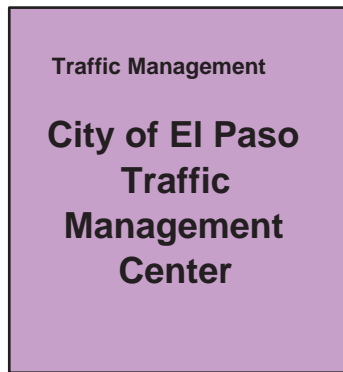
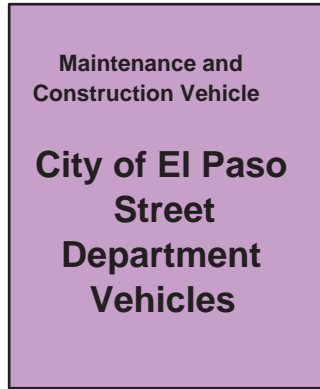
# MC08 - Workzone Management County Road and Bridge





**MC08 - Workzone Management**  
**City of El Paso Workzone Information (1)**

City of El Paso TMC is the distributor of work zone information from City of El Paso Maintenance. The information is provided to City of El Paso Web Page, from where it is accessed by transit and public safety elements.



----- work zone status ----->

----- work zone information ----->

roadway information system data + video surveillance control

----->

roadway information system status + traffic images

----->

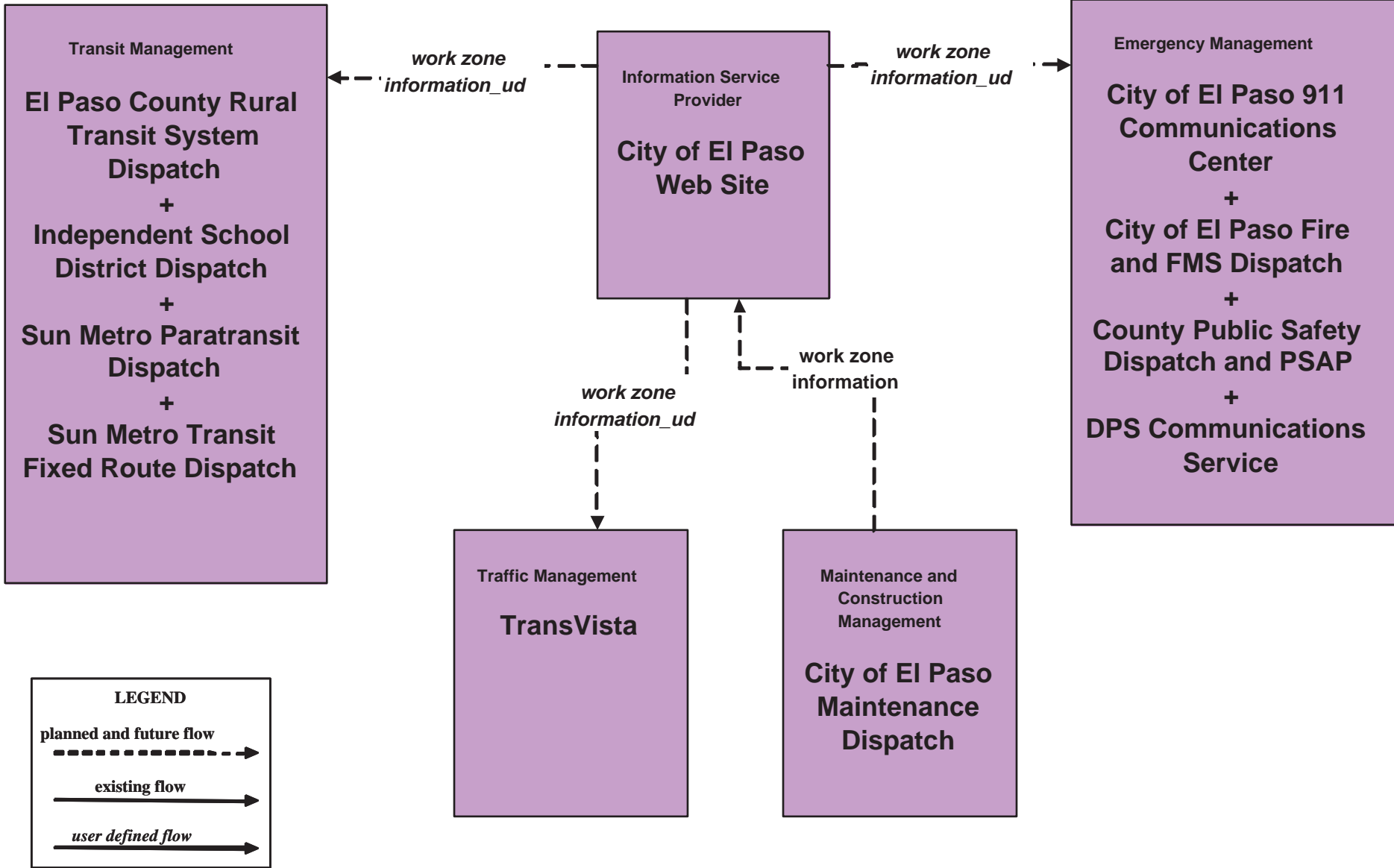
----- work zone information ----->

----->

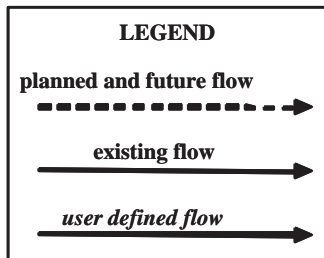
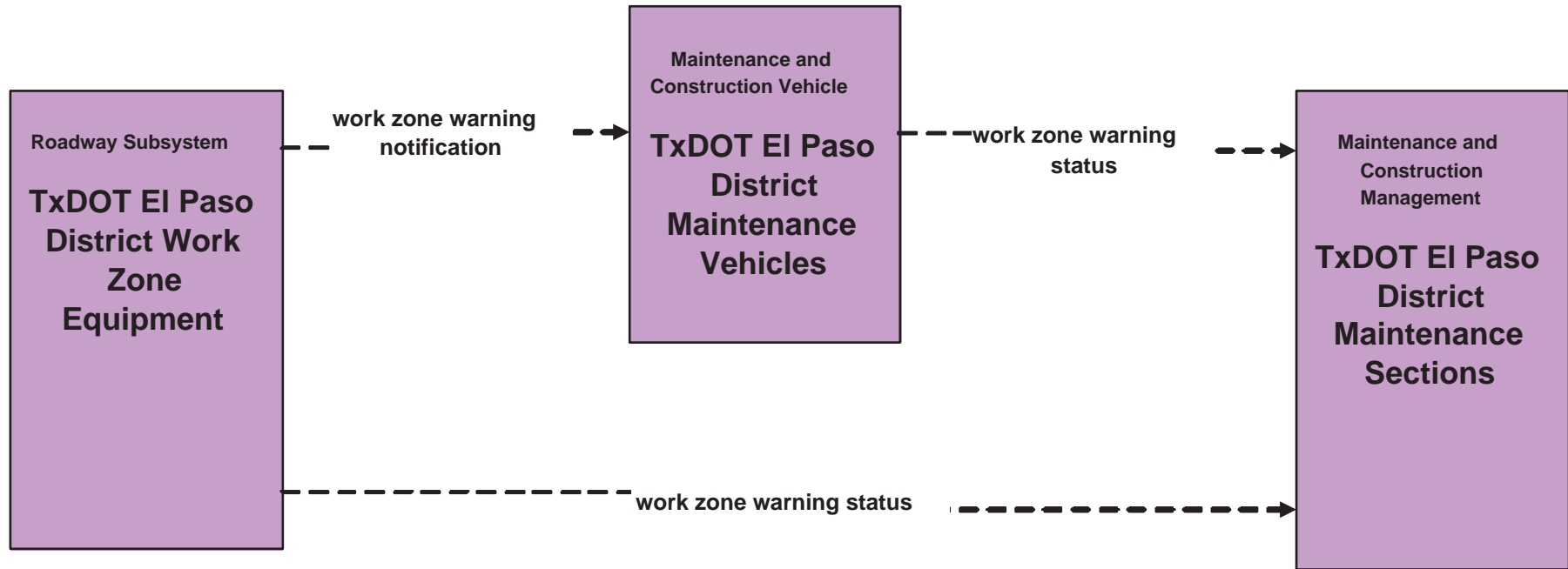
----- work zone information ----->

----->

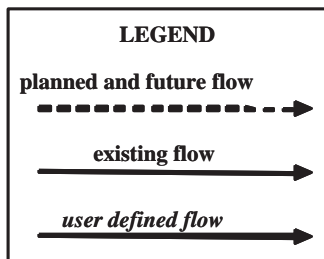
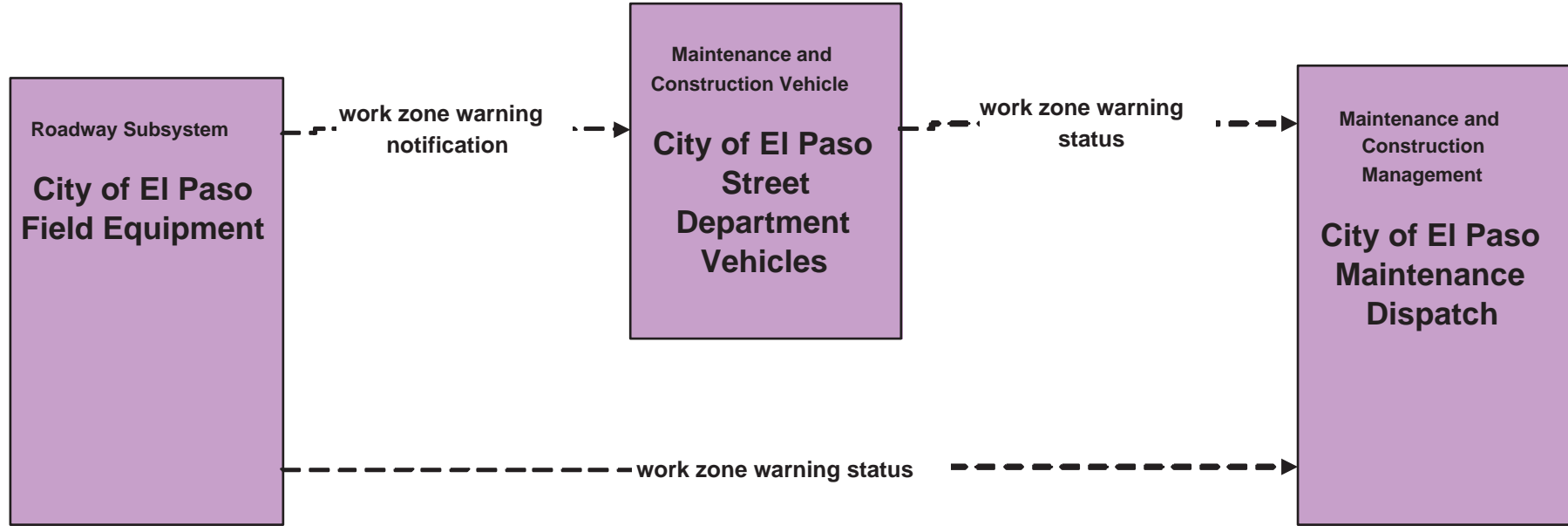
**MC08 - Workzone Management**  
**City of El Paso Workzone Information (2)**



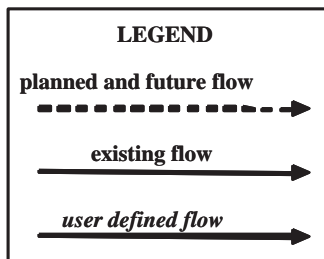
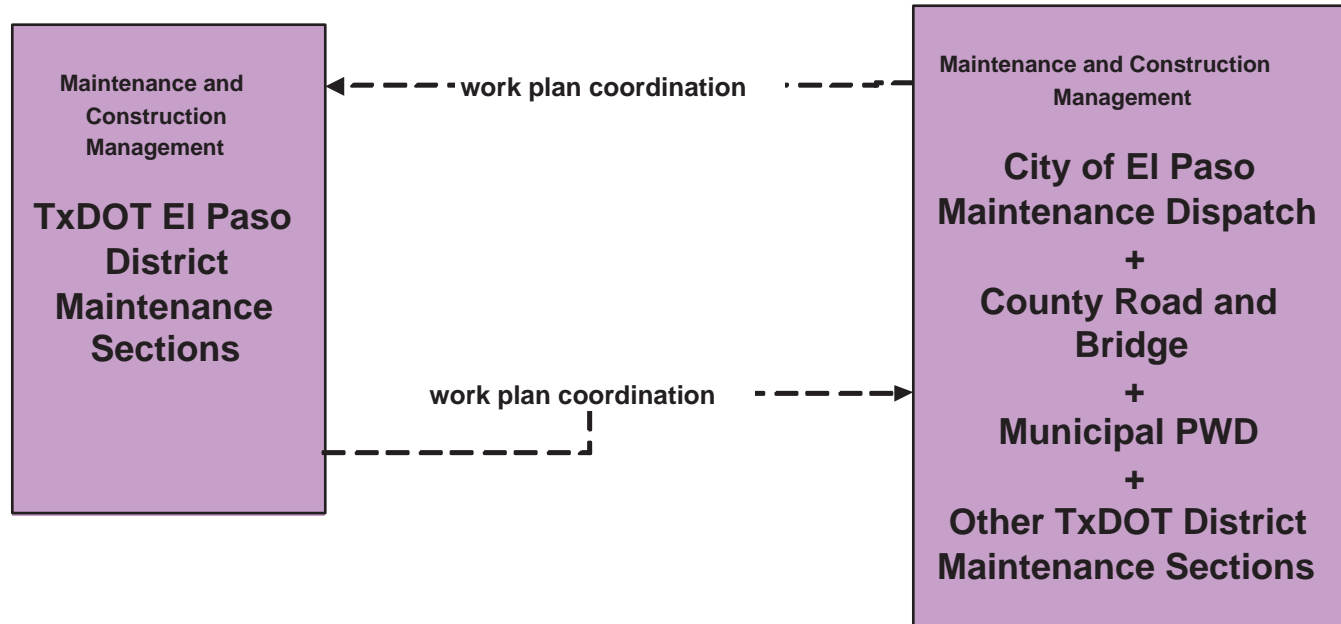
**MC09 - Workzone Safety Monitoring  
TxDOT EI Paso District Maintenance Sections**



**MC09 - Workzone Safety Monitoring**  
**City of El Paso**

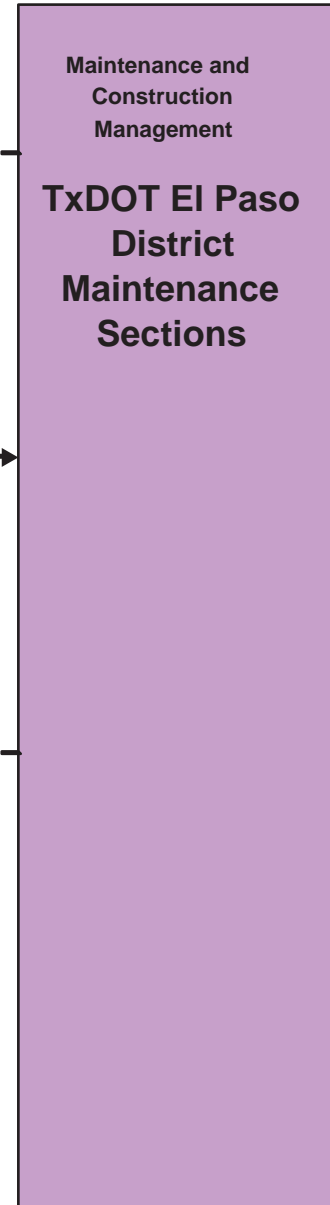
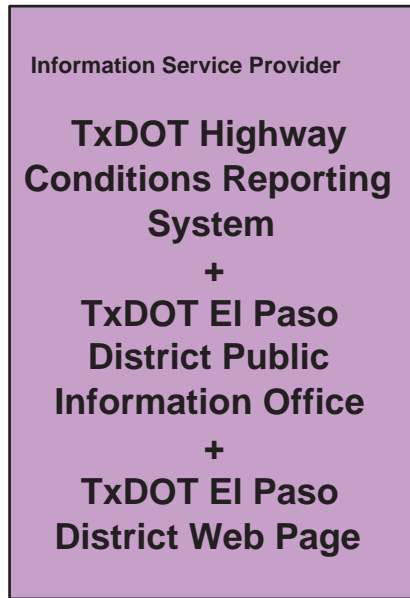
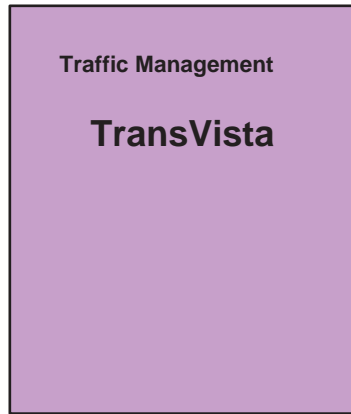


**MC10 - Maintenance and Construction Activity Coordination**  
**Activity Coordination - TxDOT (1 of 4)**



**MC10 - Maintenance and Construction Activity Coordination**  
**Activity Coordination - TxDOT (2 of 4)**

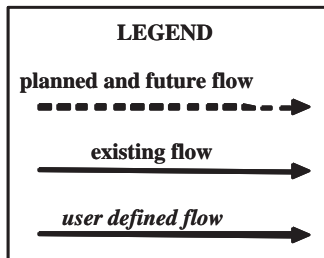
Distribution of maintenance and construction information to transit and public safety is through TxDOT HCRS and TxDOT EI Paso District Web Page



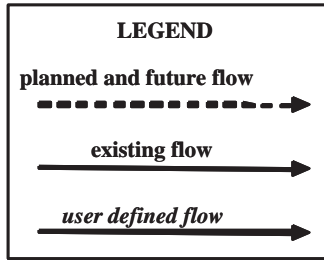
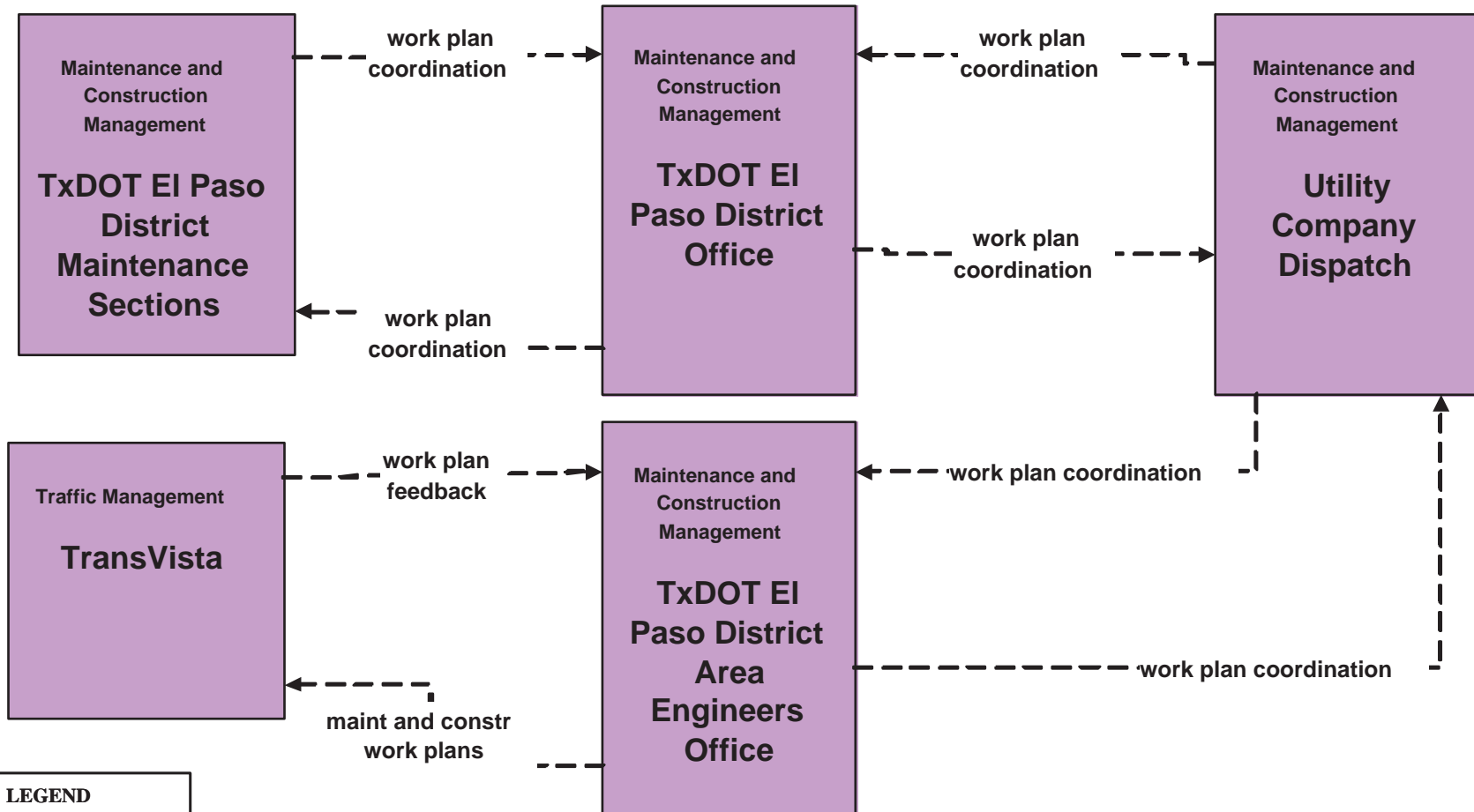
current asset restrictions  
+  
maint and constr work plans

current asset restrictions  
+  
maint and constr work plans

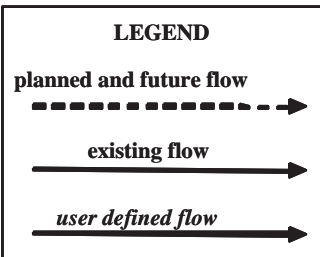
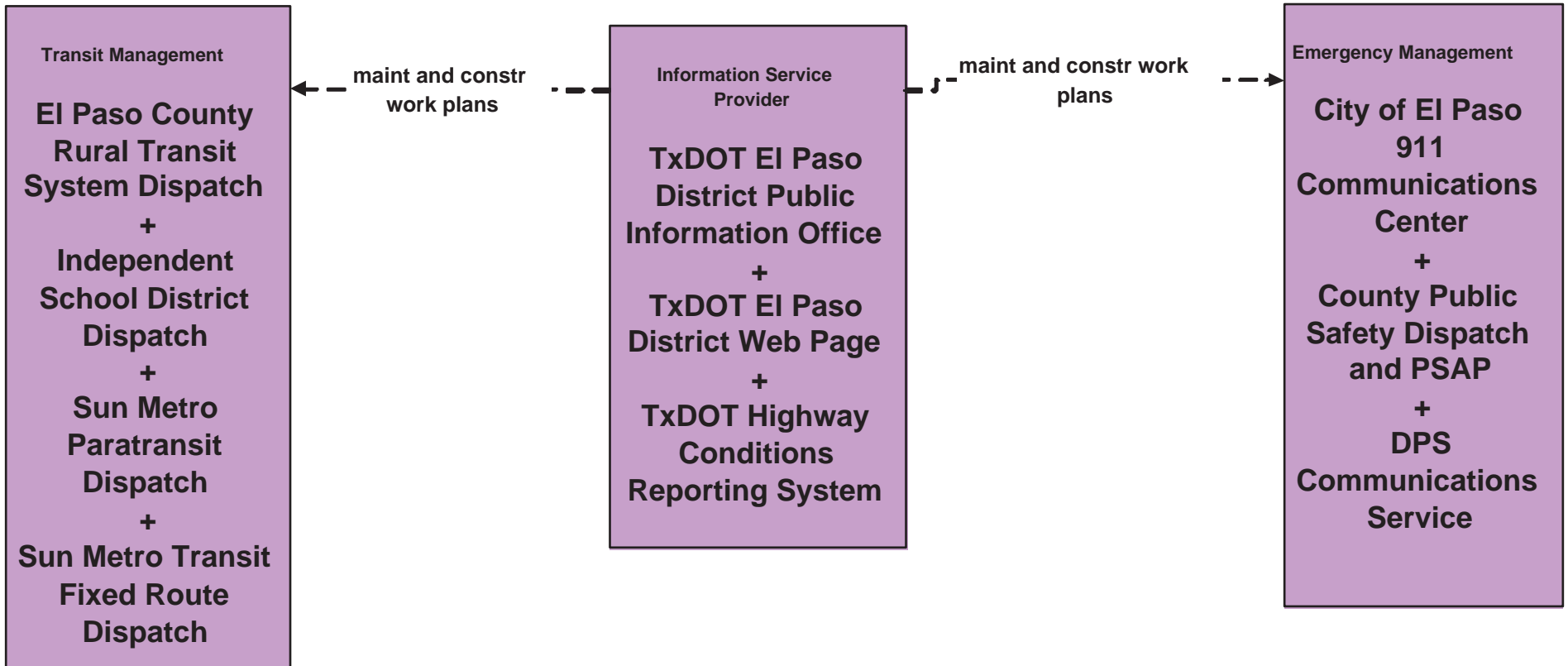
work plan feedback



**MC10 - Maintenance and Construction Activity Coordination**  
**Activity Coordination - TxDOT (3 of 4)**

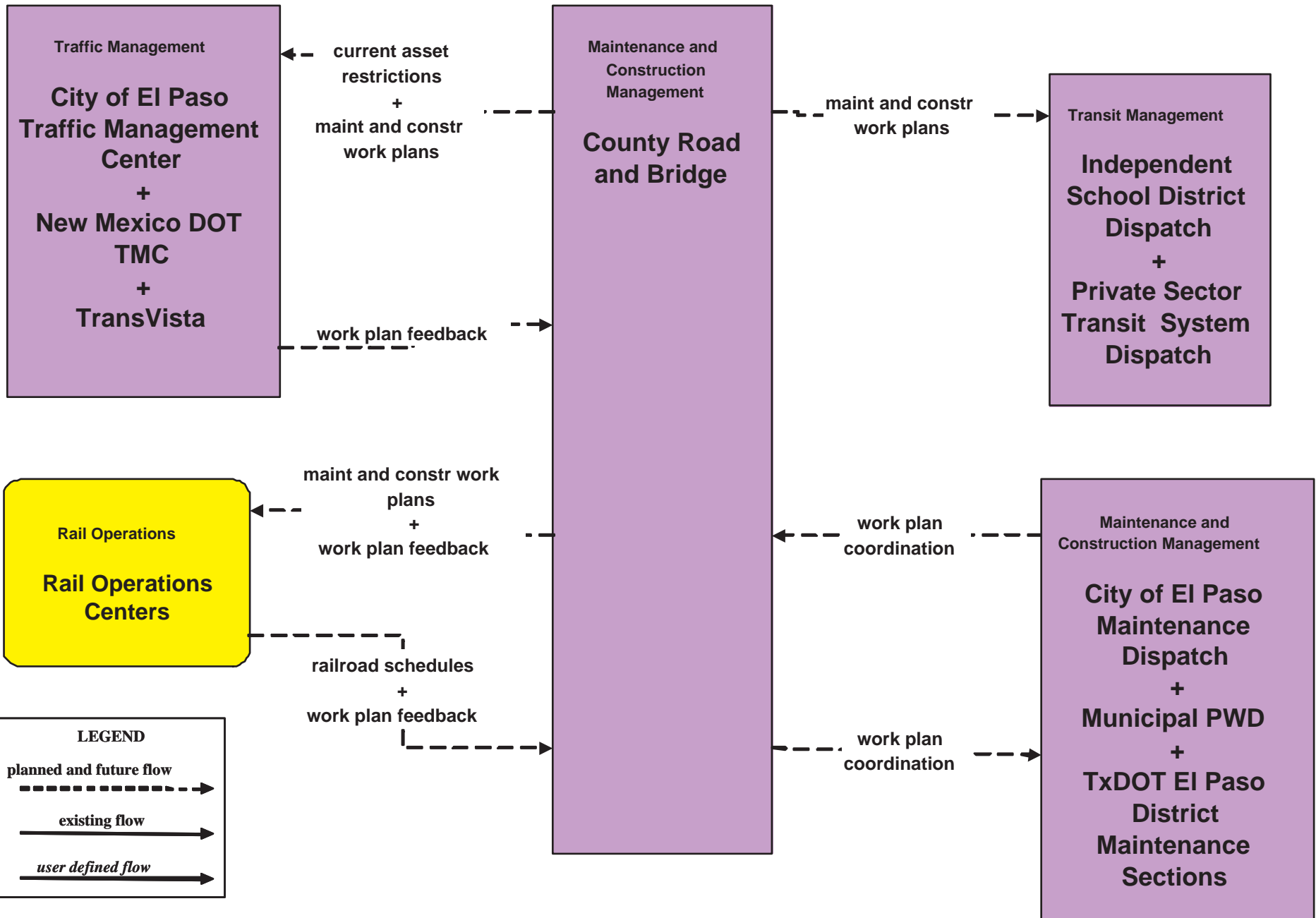


**MC10 - Maintenance and Construction Activity Coordination**  
**Activity Coordination- TxDOT (4 of 4)**

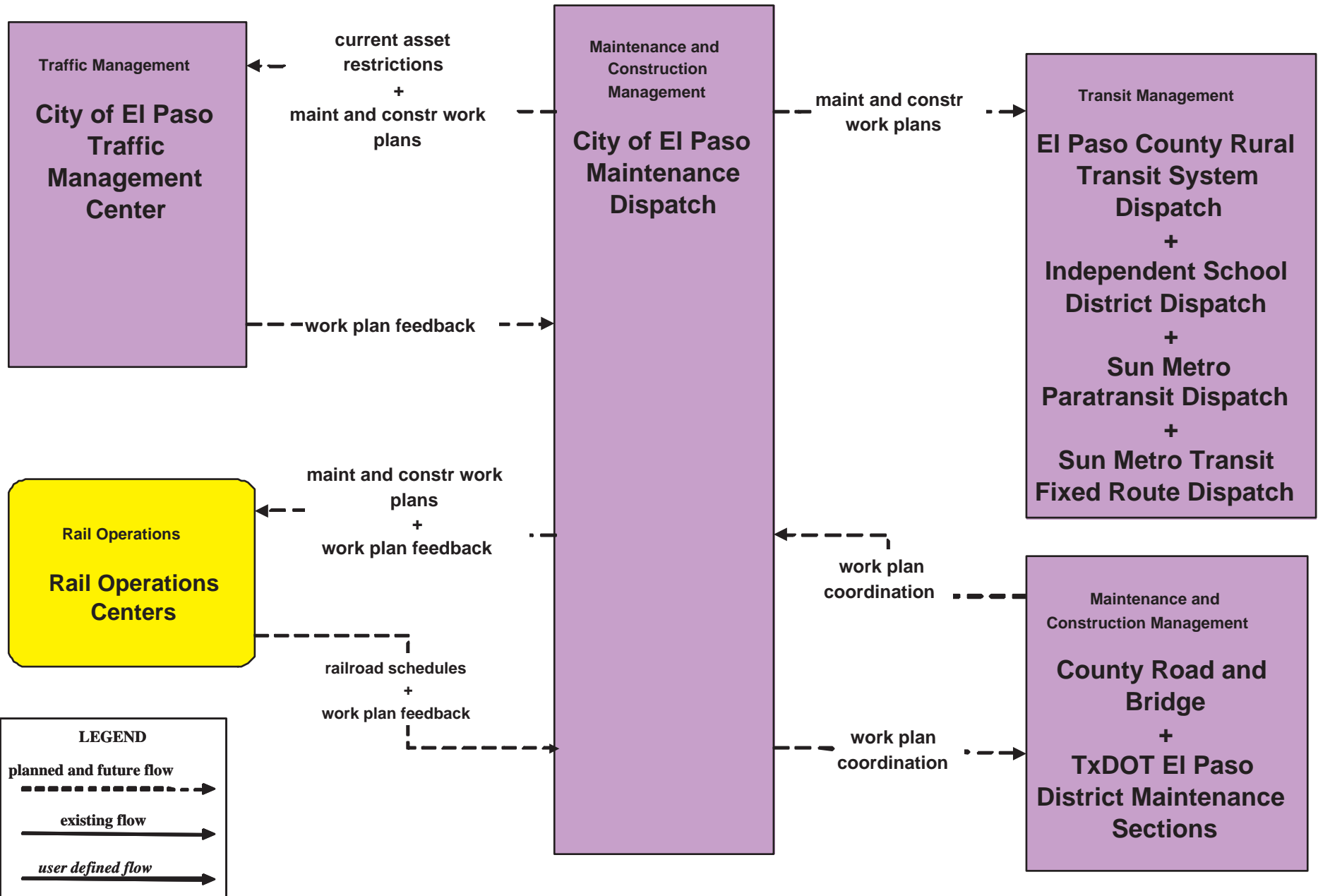




**MC10 - Maintenance and Construction Activity Coordination  
County Road and Bridge**



**MC10 - Maintenance and Construction Activity Coordination  
City of El Paso Maintenance**



**MC10 - Maintenance and Construction Activity Coordination  
City of El Paso**

