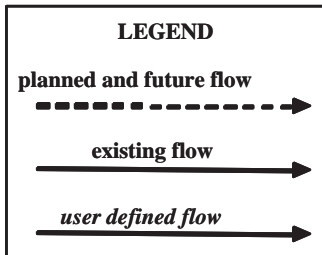
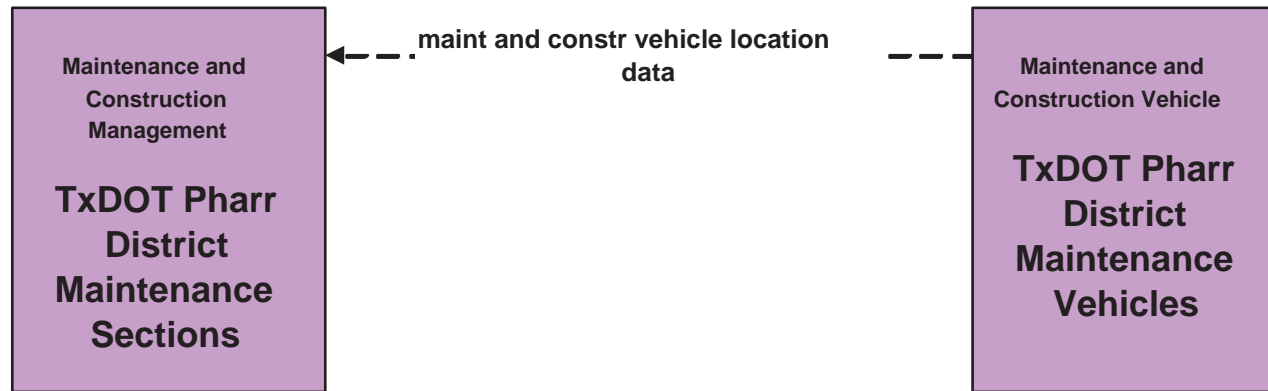


Lower RGV Regional ITS Architecture

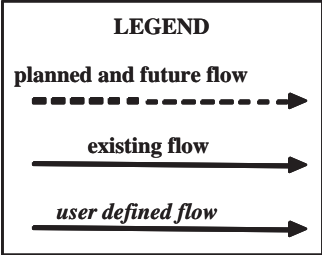
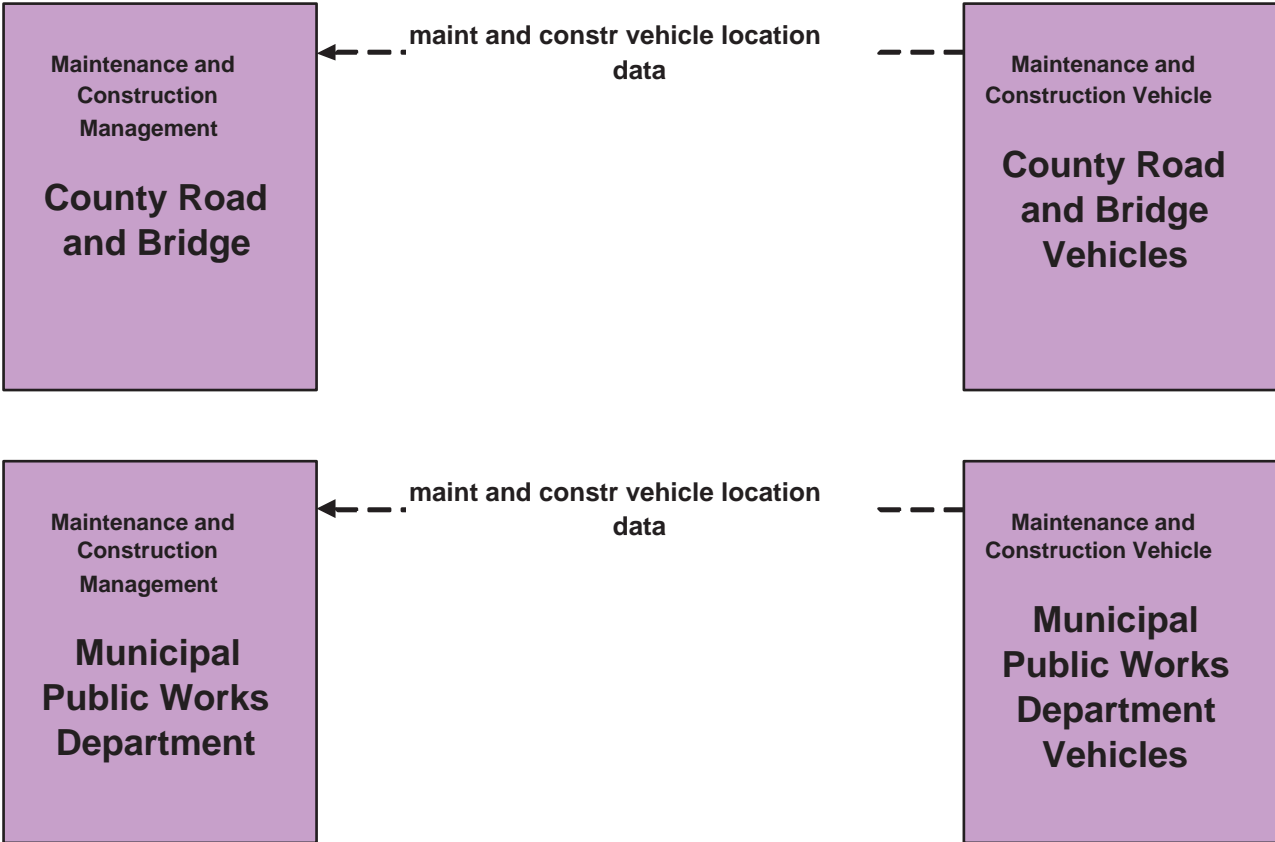
Customized Market Package Diagrams

Maintenance and Construction (MC)

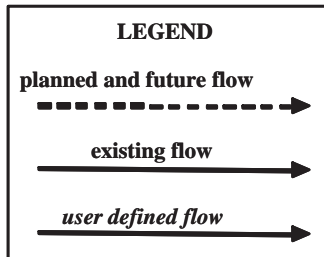
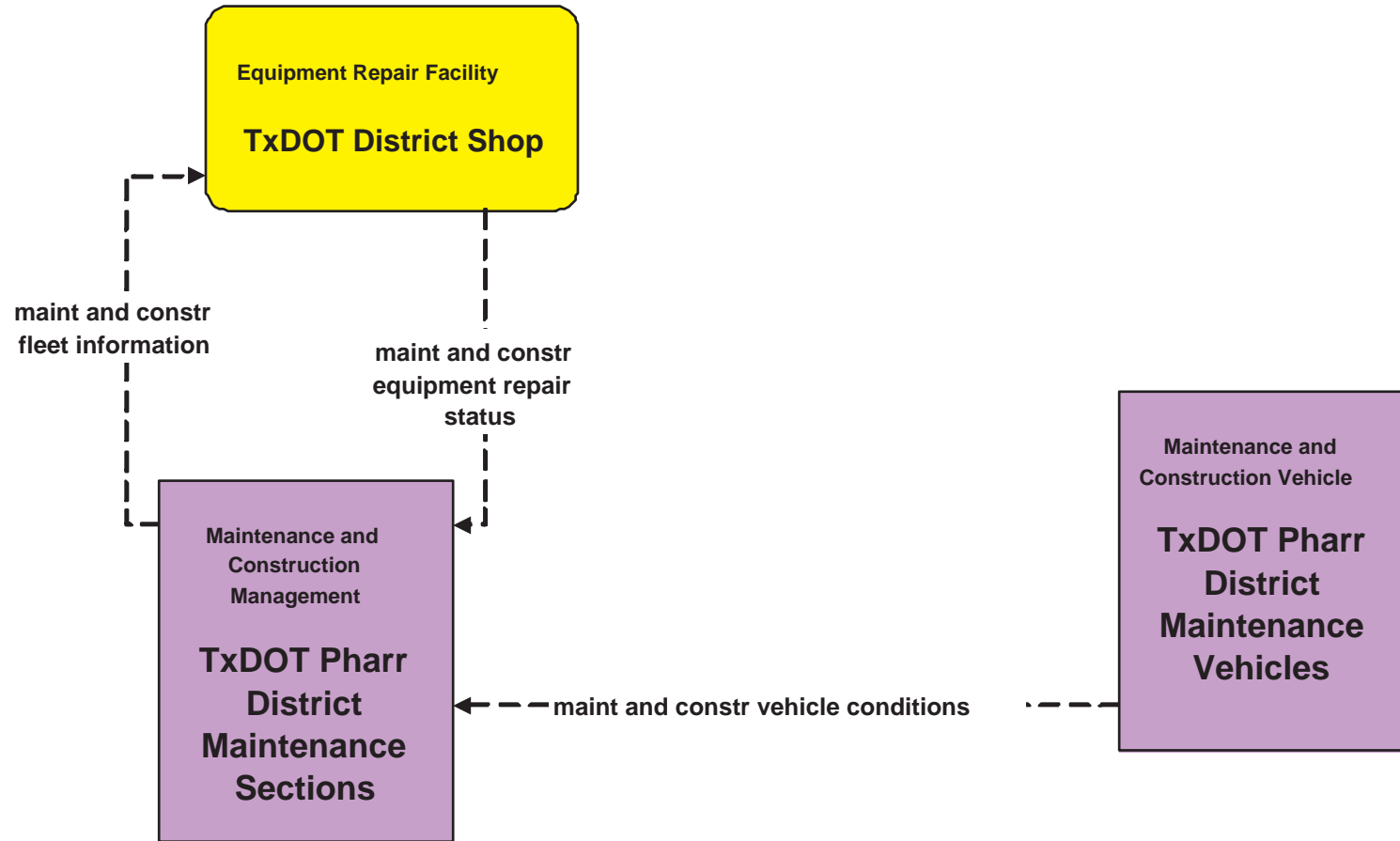
**MC01 - Maintenance and Construction Vehicle Tracking
TxDOT Pharr District Maintenance Sections**



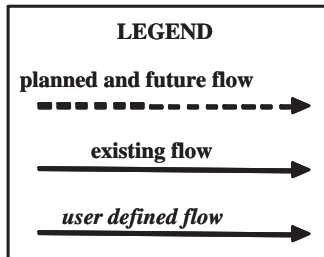
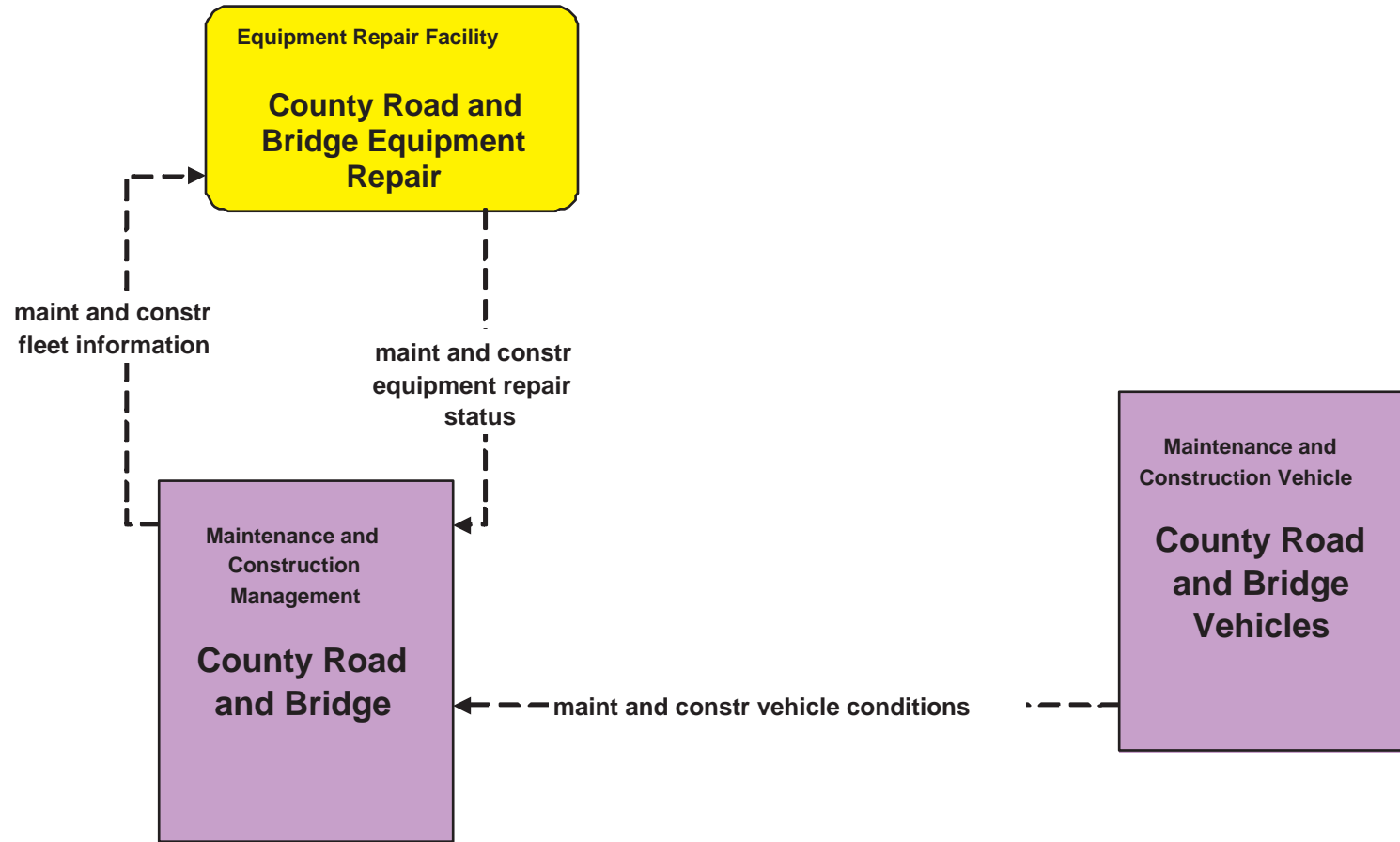
**MC01 - Maintenance and Construction Vehicle Tracking
County Road and Bridge & Municipal Public Works Department**



**MC02 - Maintenance and Construction Vehicle Maintenance
TxDOT Pharr District Maintenance Sections**

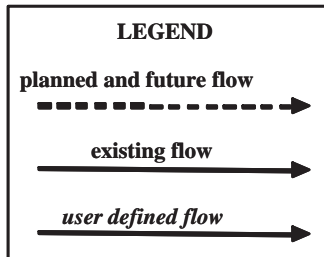
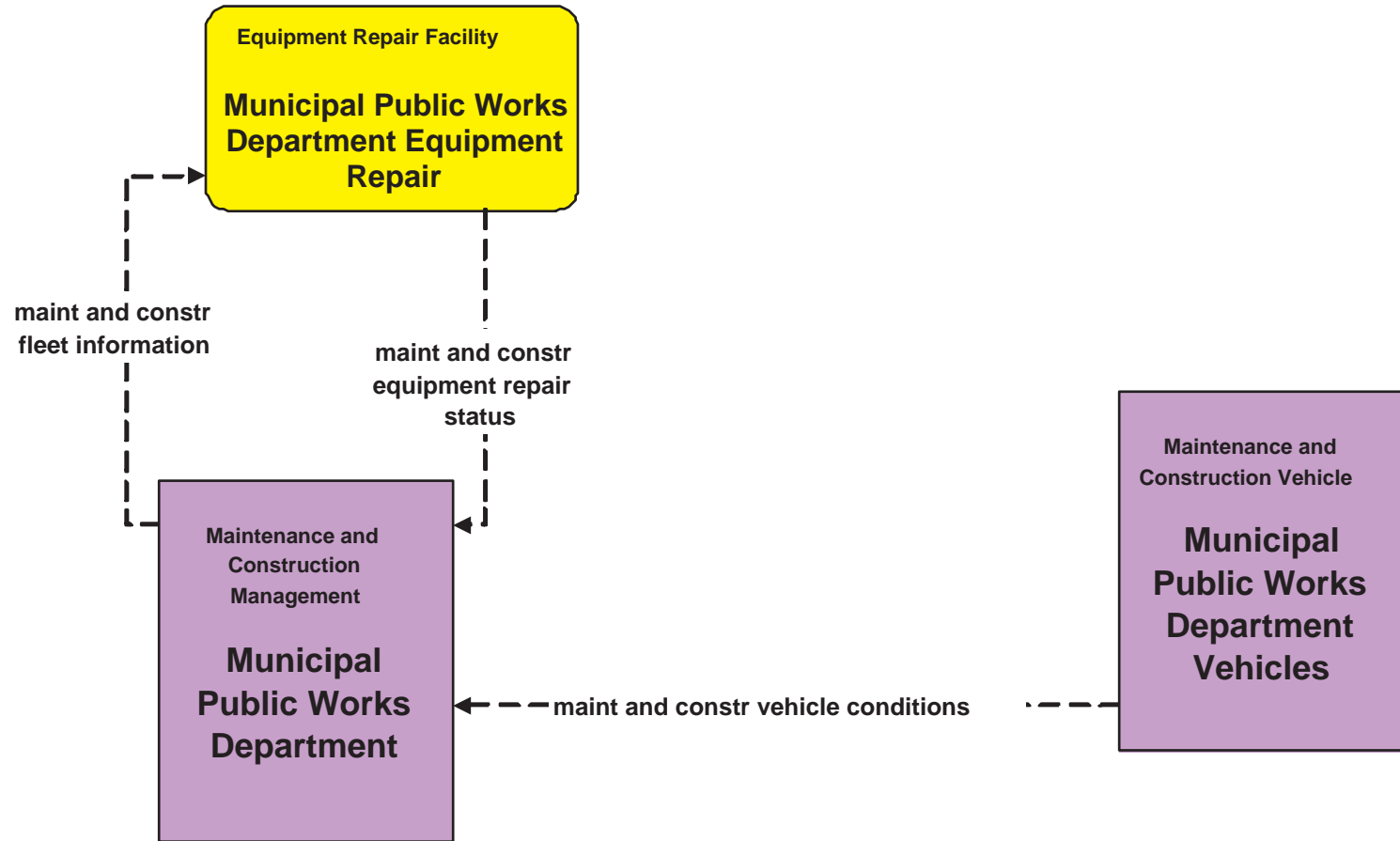


MC02 - Maintenance and Construction Vehicle Maintenance County Road and Bridge

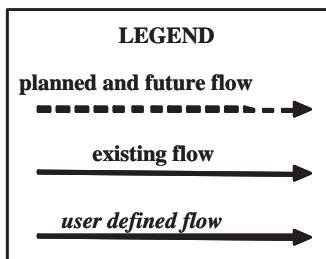
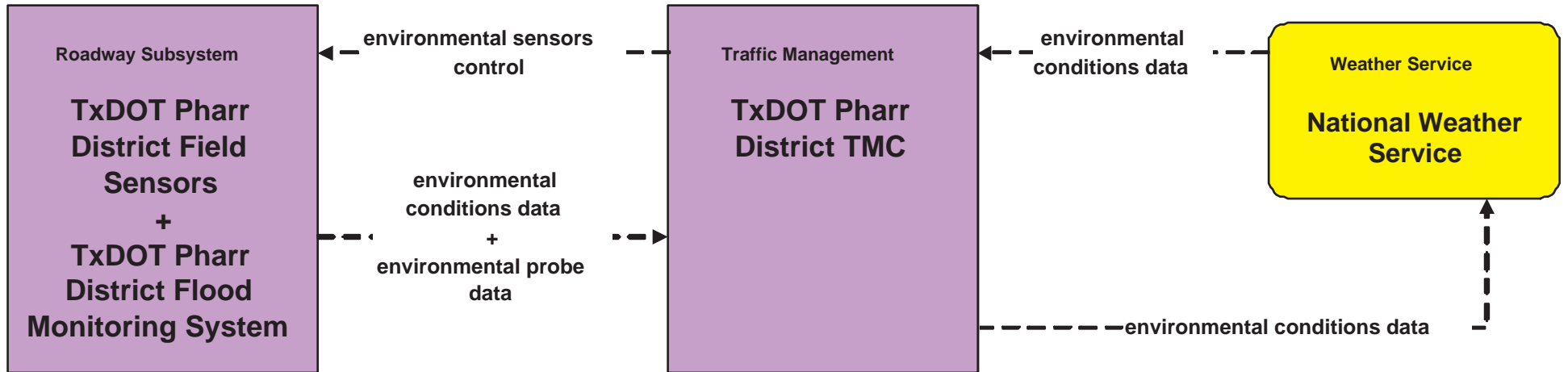


Each precinct performs its own vehicle maintenance.

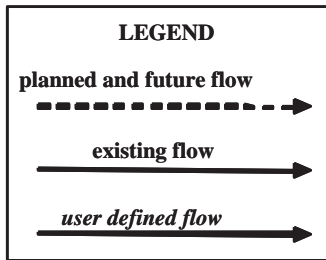
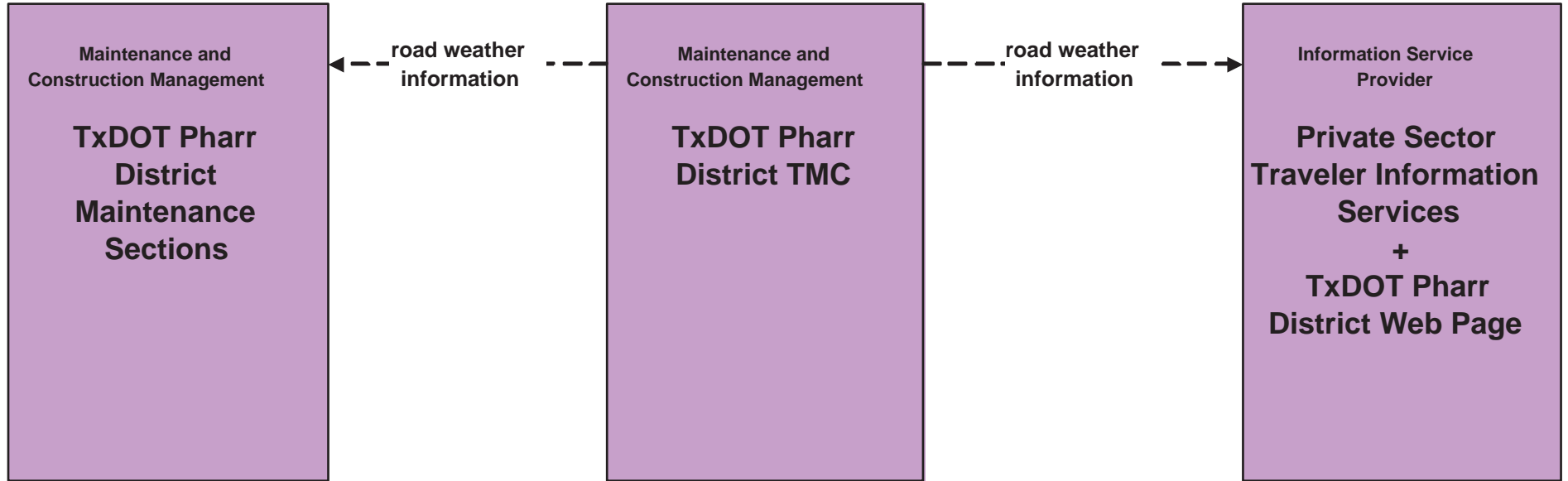
**MC02 - Maintenance and Construction Vehicle Maintenance
Municipal Public Works Department Vehicles**



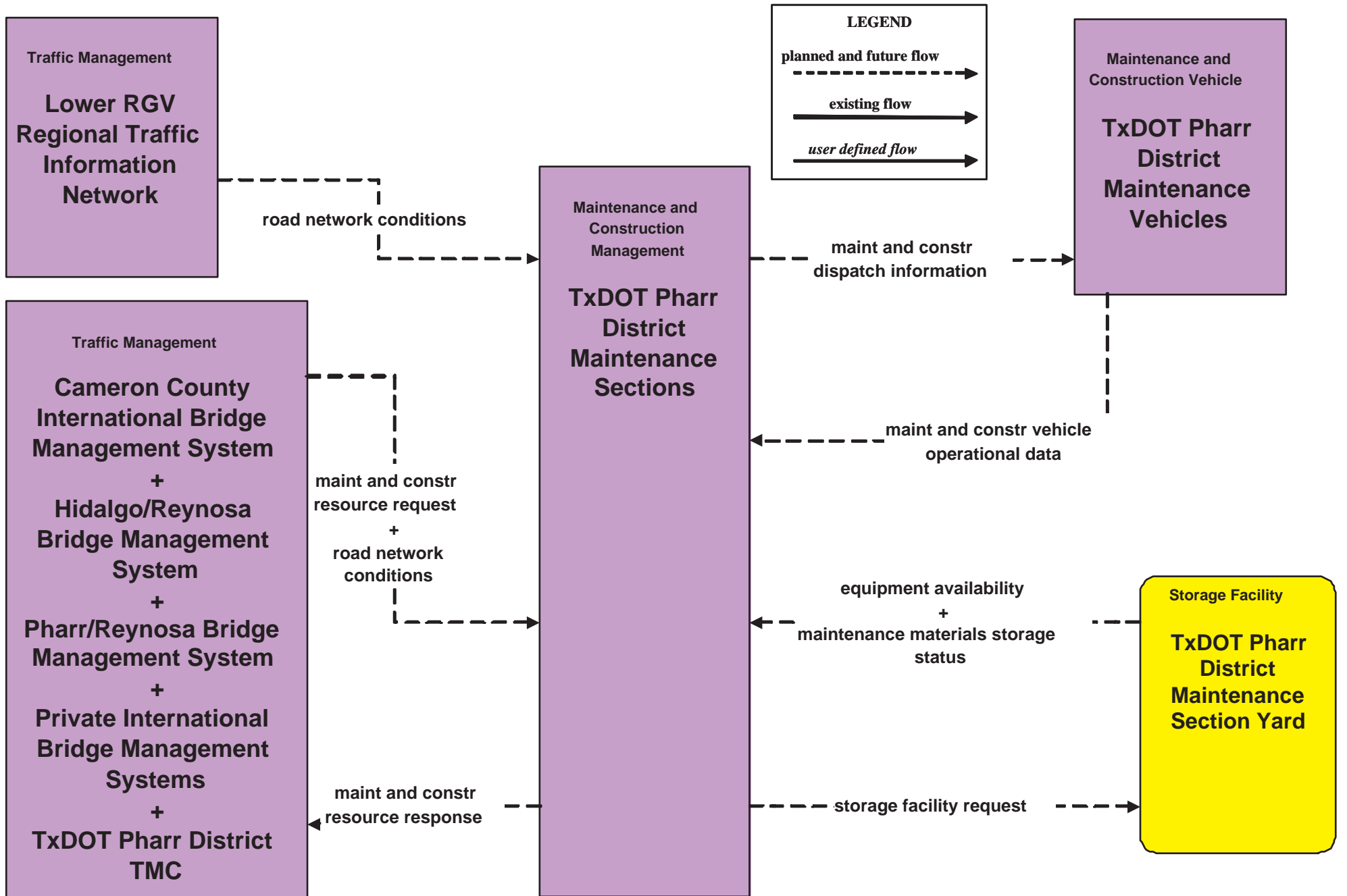
MC03 - Road Weather Data Collection TxDOT Pharr District TMC



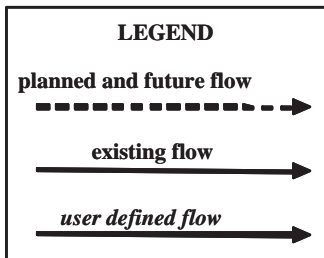
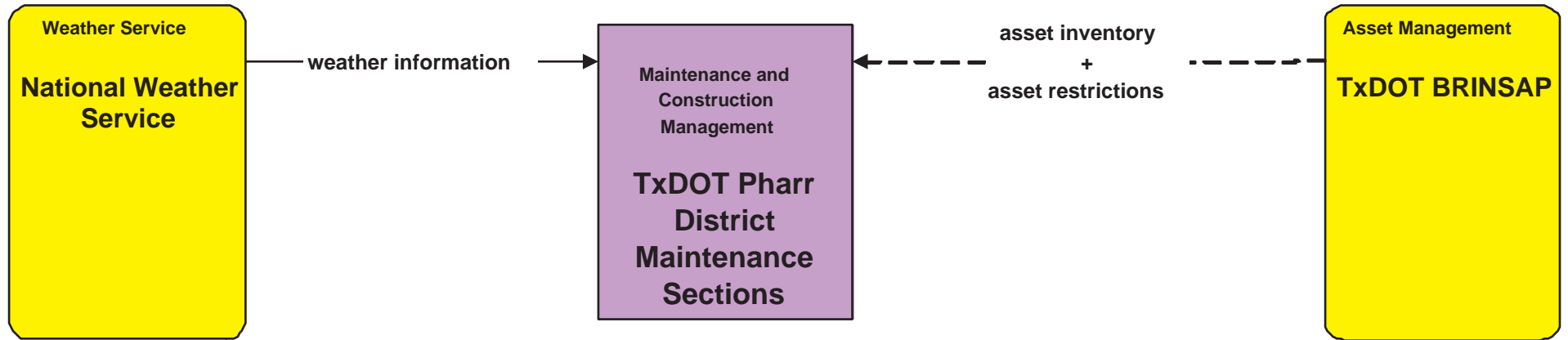
**MC04 - Weather Information Processing and Distribution
TxDOT Pharr District TMC**



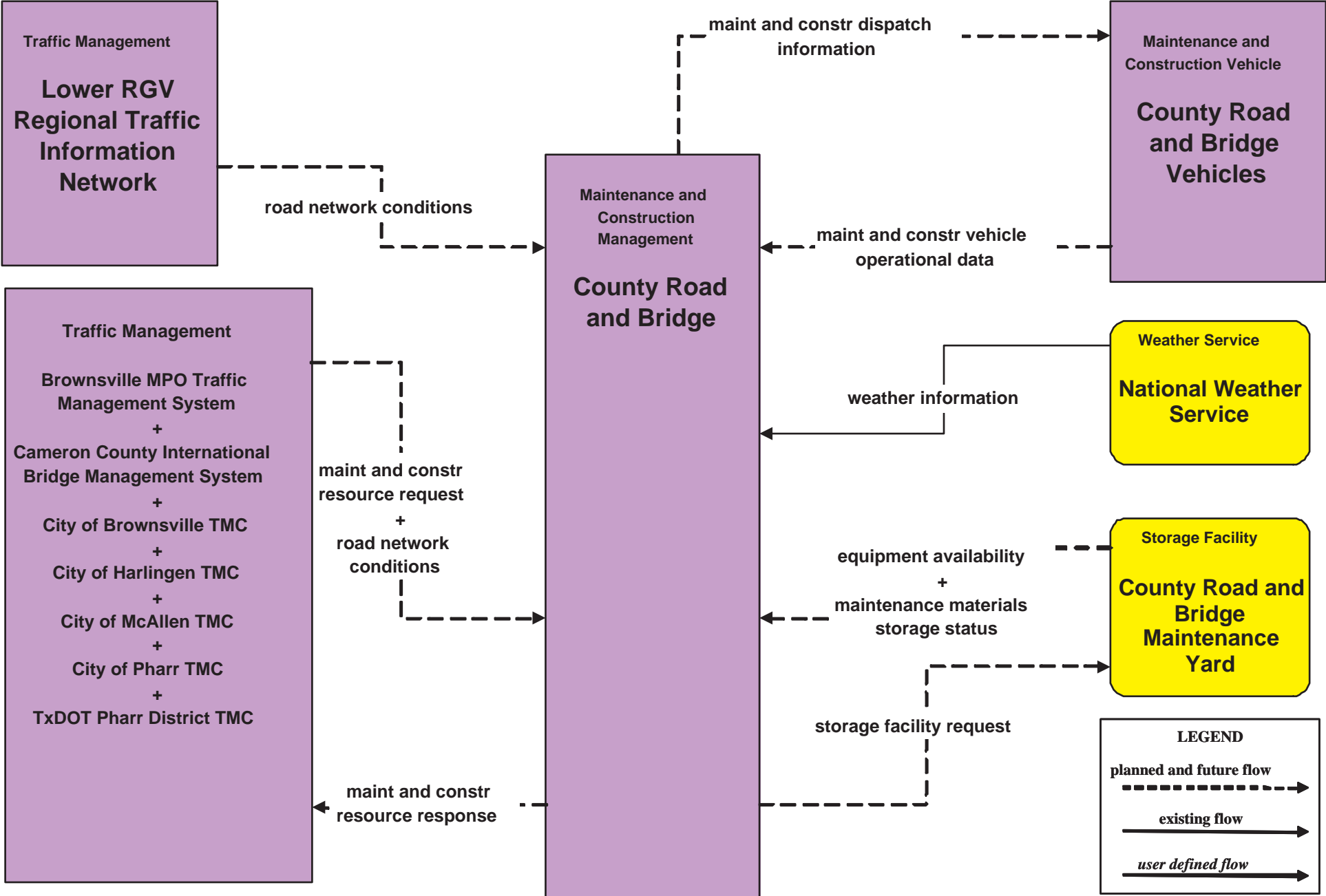
MC07 - Roadway Maintenance and Construction
TxDOT Pharr District Maintenance Section (1 of 2)



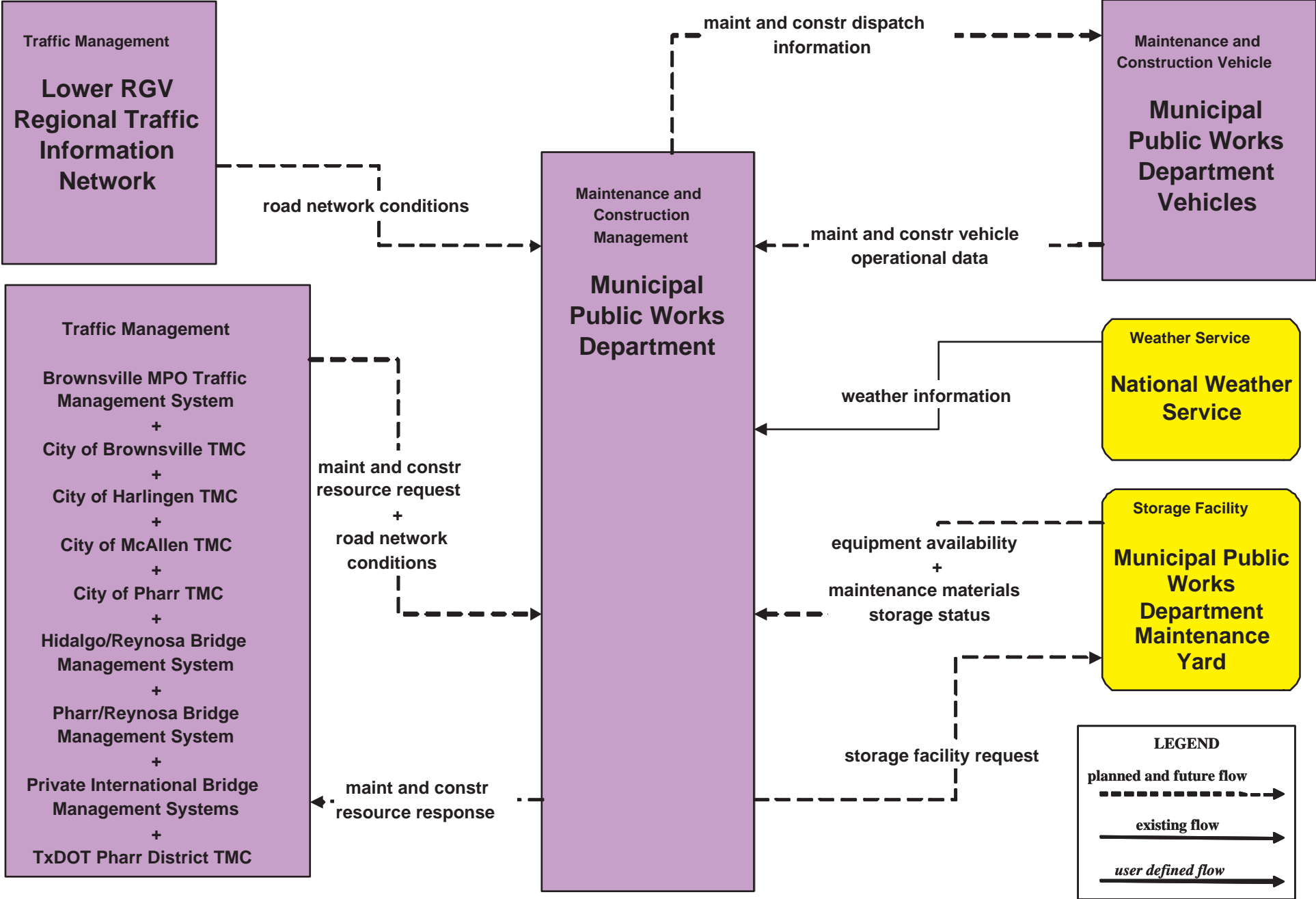
**MC07 - Roadway Maintenance and Construction
TxDOT Pharr District Maintenance Section (2 of 2)**



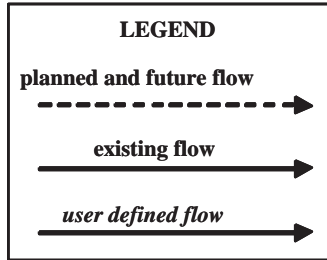
MC07 - Roadway Maintenance and Construction County Road and Bridge



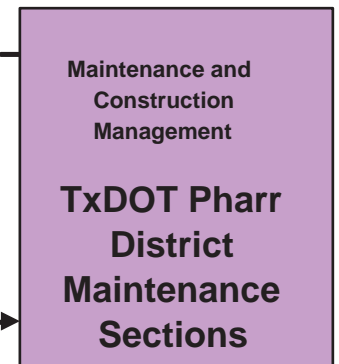
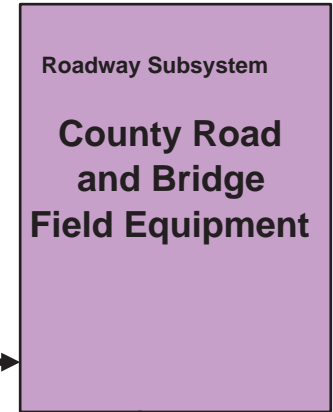
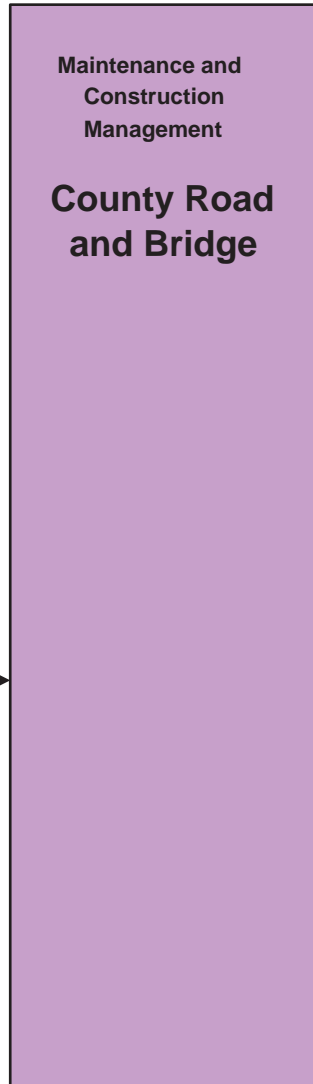
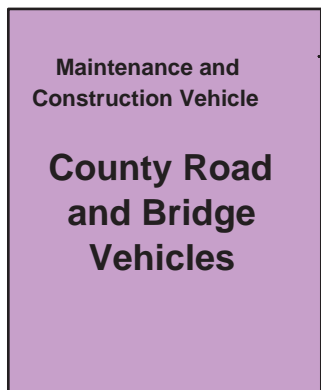
**MC07 - Roadway Maintenance and Construction
Municipal Public Works Department**



MC08 - Workzone Management County Road and Bridge



TxDOT Pharr District Maintenance Sections collect and distribute (composite) work zone information for County Road and Bridge.



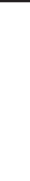
work zone status

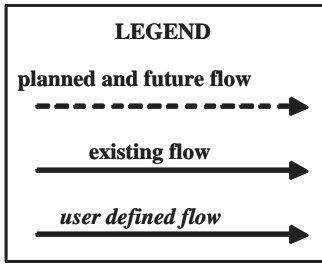
roadway information system data

roadway information system status

work zone information

work zone information





MC08 - Workzone Management
Municipal Public Works Department

TxDOT Pharr District Maintenance Sections collect and distribute (composite) work zone information for Municipal Public Works Dept.

Traffic Management

Brownsville MPO Traffic Management System
 +
City of Brownsville TMC
 +
City of Harlingen TMC
 +
City of McAllen TMC
 +
City of Pharr TMC

Maintenance and Construction Vehicle

Municipal Public Works Department Vehicles

Maintenance and Construction Management

Municipal Public Works Department

Roadway Subsystem

Municipal Public Works Department Field Equipment

Maintenance and Construction Management

TxDOT Pharr District Maintenance Sections

work zone information

work zone status

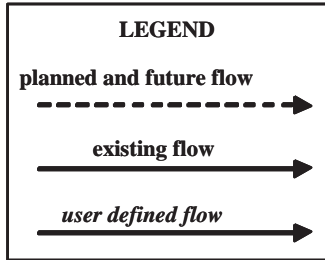
roadway information system data

roadway information system status

work zone information

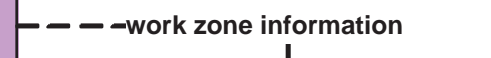
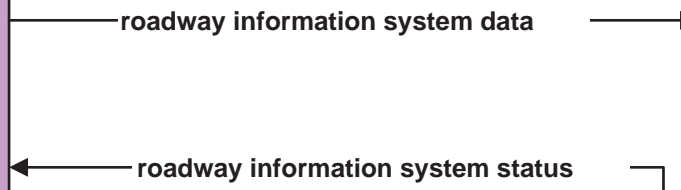
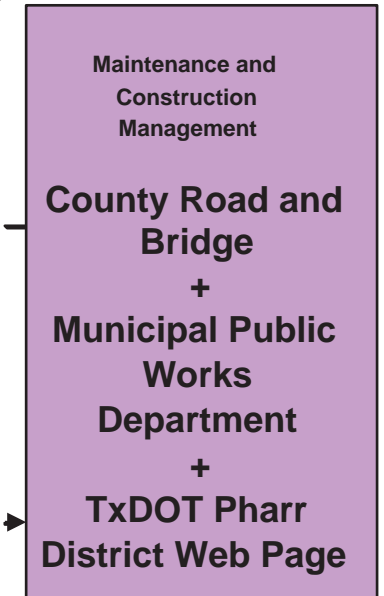
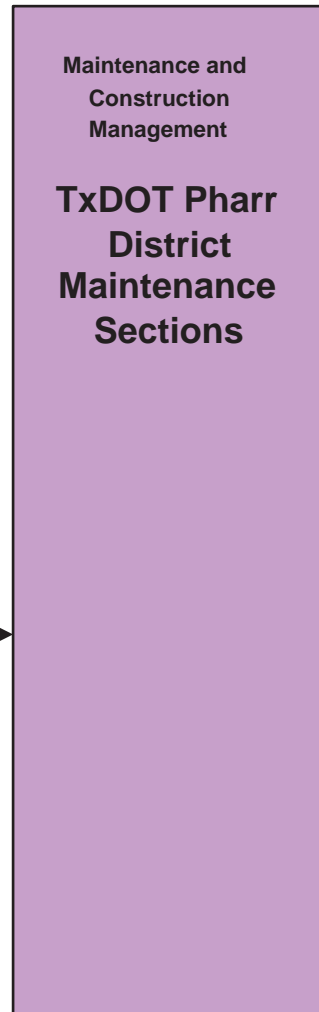
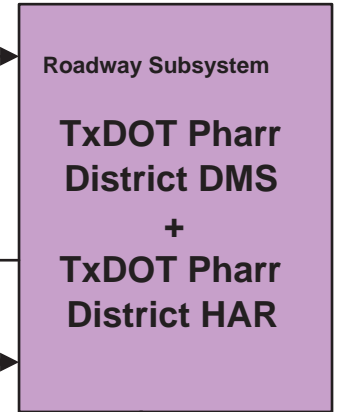
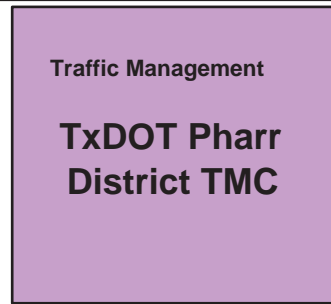
work zone information

MC08 - Workzone Management TxDOT Pharr District Maintenance Sections



TxDOT Pharr District Maintenance Sections collect and distribute (composite) work zone information from Municipal DPW and County Road and Bridge.

Permanent signs are controlled by the TMC. Portable signs are controlled by the Maintenance Sections.



MC08 - Workzone Management
TxDOT Pharr District Maintenance Sections - Work Zone Information Distribution

Traffic Management

Brownsville MPO Traffic Management System
 +
Cameron County International Bridge Management System
 +
City of Brownsville TMC
 +
City of Harlingen TMC
 +
City of McAllen TMC
 +
City of Pharr TMC
 +
Hidalgo/Reynosa Bridge Management System
 +
Pharr/Reynosa Bridge Management System
 +
Private International Bridge Management Systems
 +
TxDOT Pharr District TMC

Maintenance and Construction Management

TxDOT Pharr District Web Page

Emergency Management


Airport Public Safety
 +
City/County Police and Fire Dispatch
 +
DPS Communications Dispatch
 +
Port of Brownsville
 +
TxDOT Courtesy Patrol Dispatch
 +
US Border Patrol Dispatch
 +
US Coast Guard Causeway Management System


work zone information


work zone information

TxDOT Pharr District Web Page is disseminator of Work Zone information to Traffic Management, ISP, Transit, and Emergency Management.

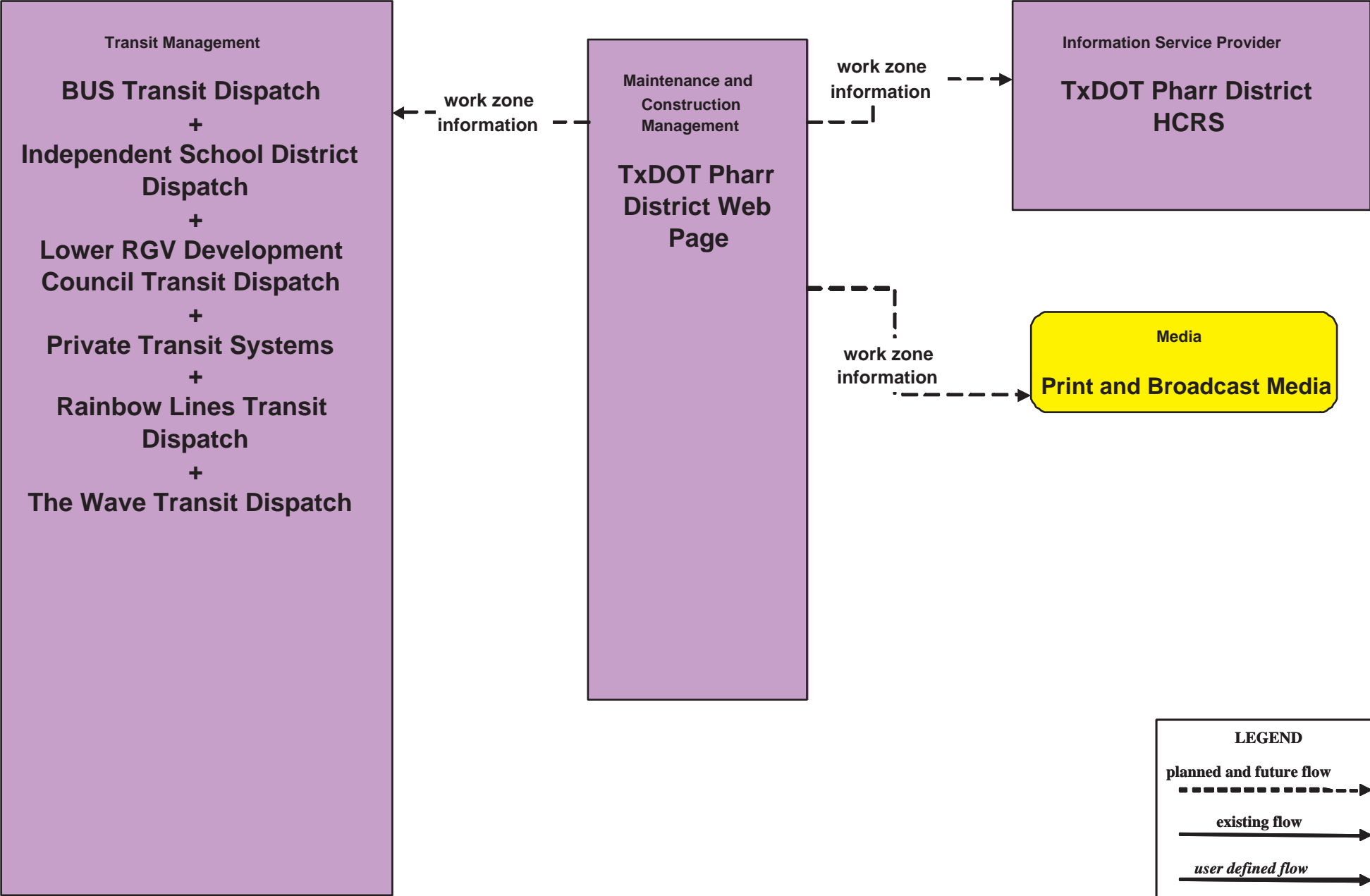
LEGEND

planned and future flow 

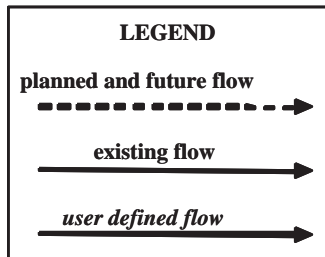
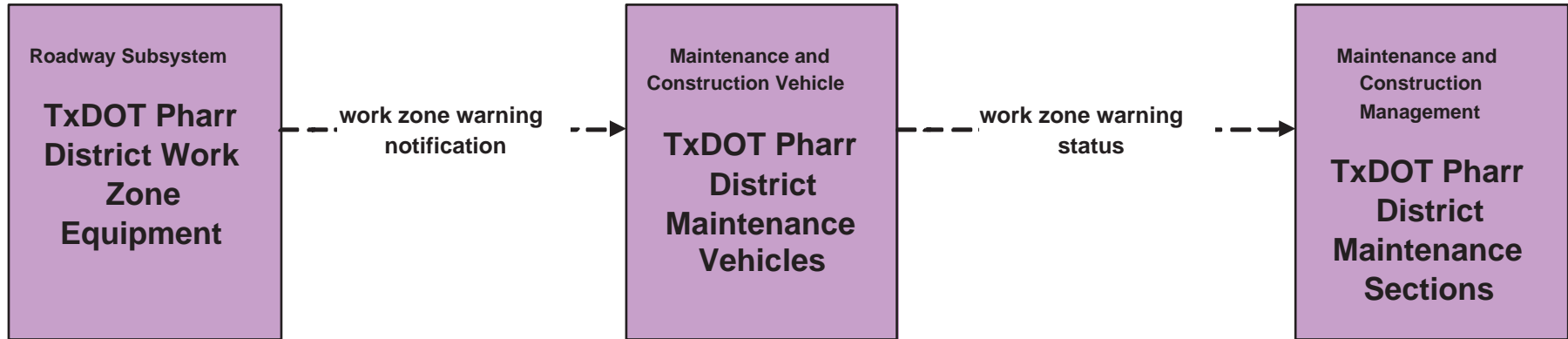
existing flow 

user defined flow 

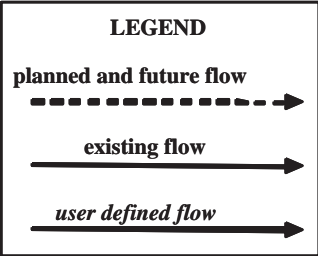
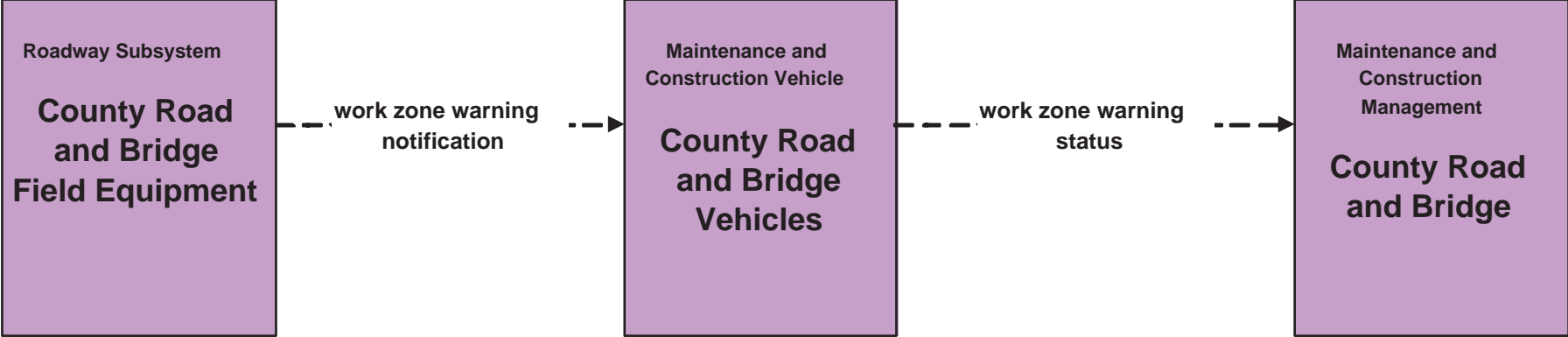
MC08 - Workzone Management
TxDOT Pharr District Maintenance Sections - Work Zone Information Distribution



**MC09 - Workzone Safety Monitoring
TxDOT Pharr District Maintenance Sections**



**MC09 - Workzone Safety Monitoring
County Road and Bridge**



**MC09 - Workzone Safety Monitoring
Municipal Public Works Department**

