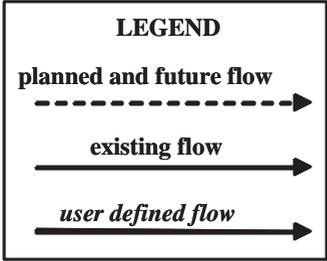
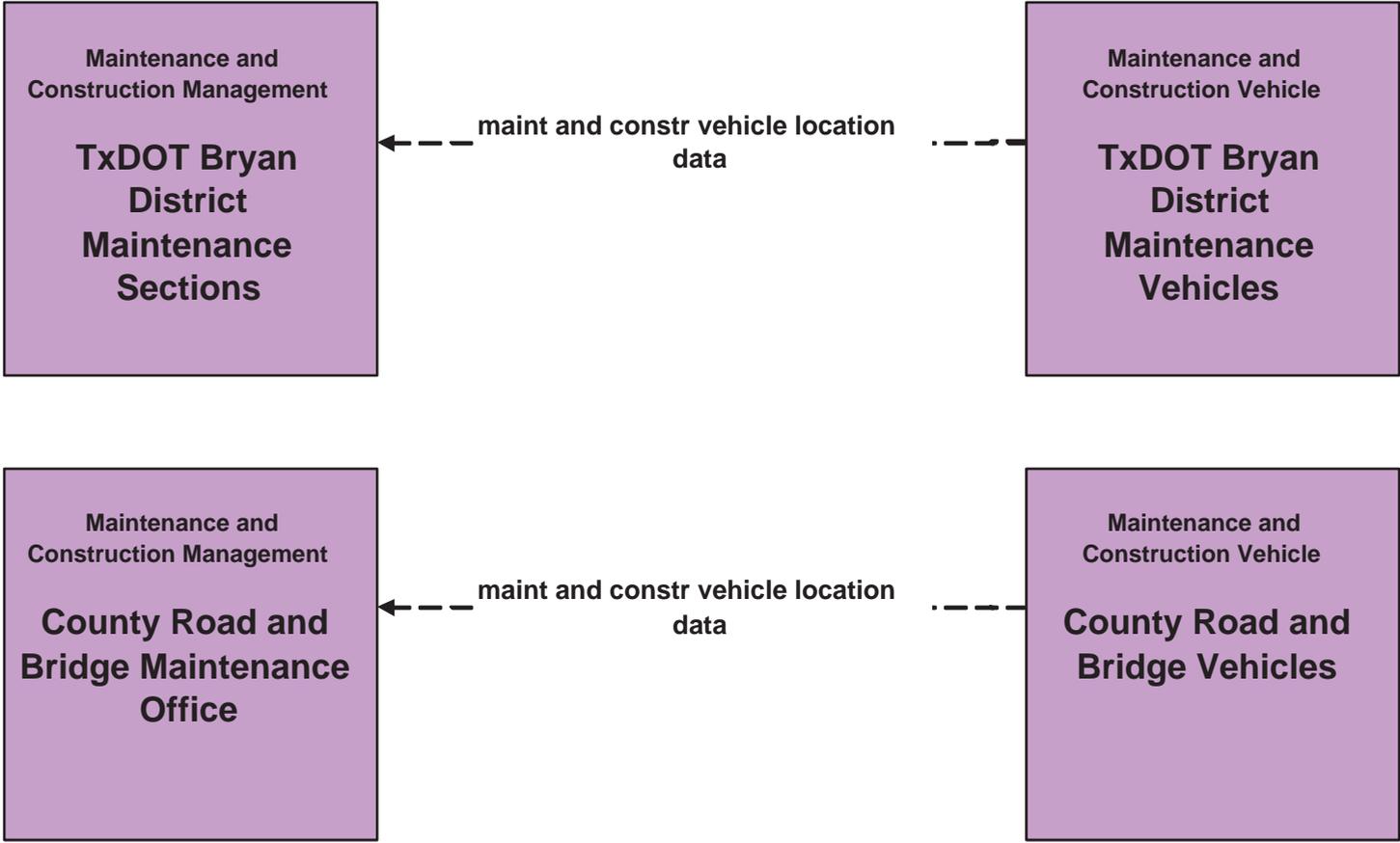


Brazos Valley Regional ITS Architecture

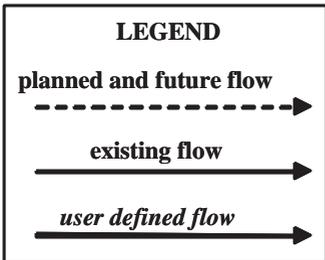
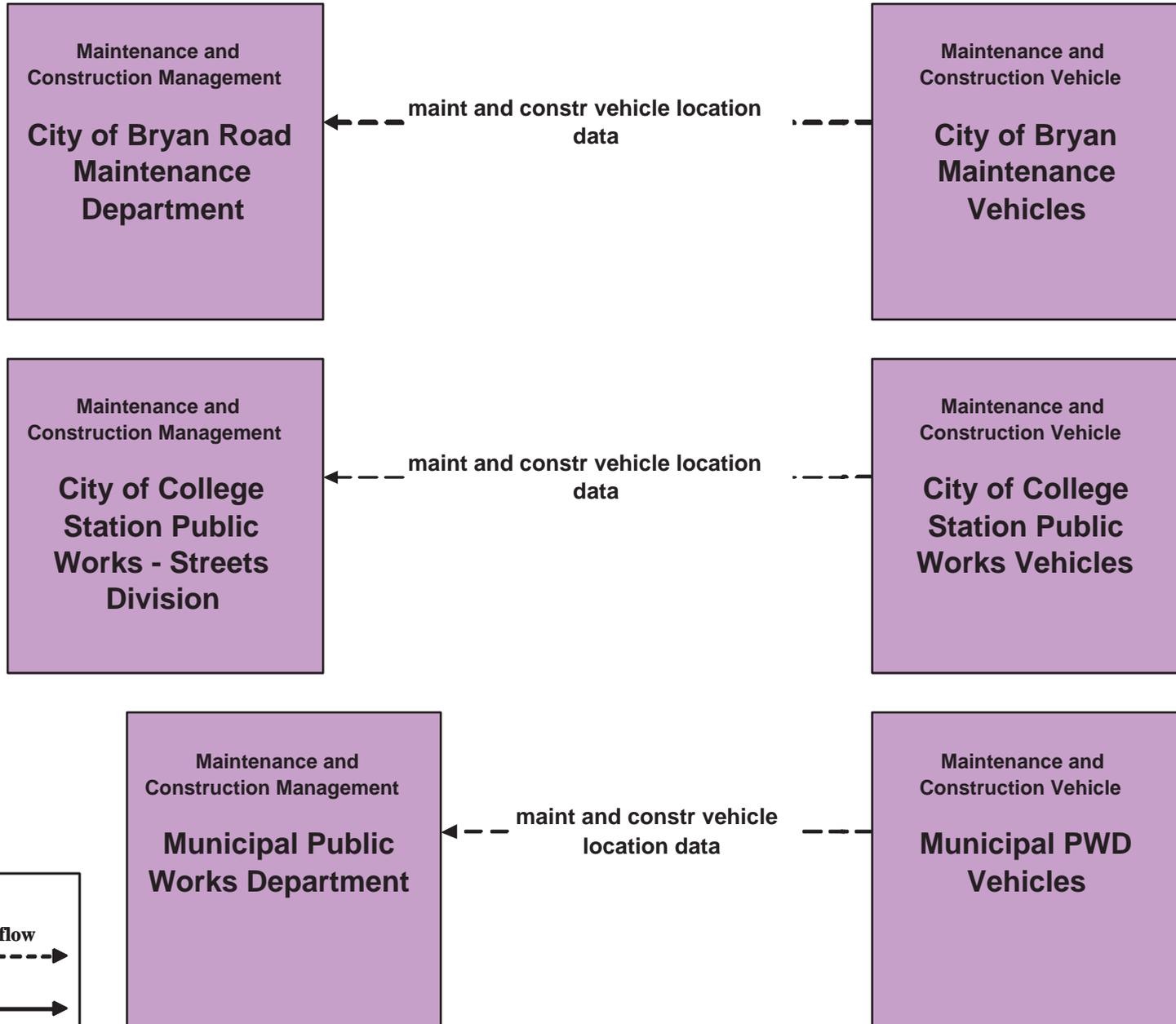
Customized Market Package Diagrams

Maintenance and Construction (MC)

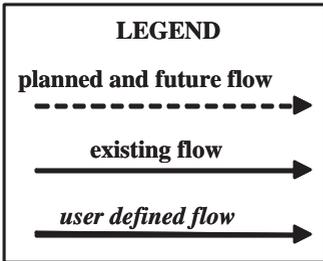
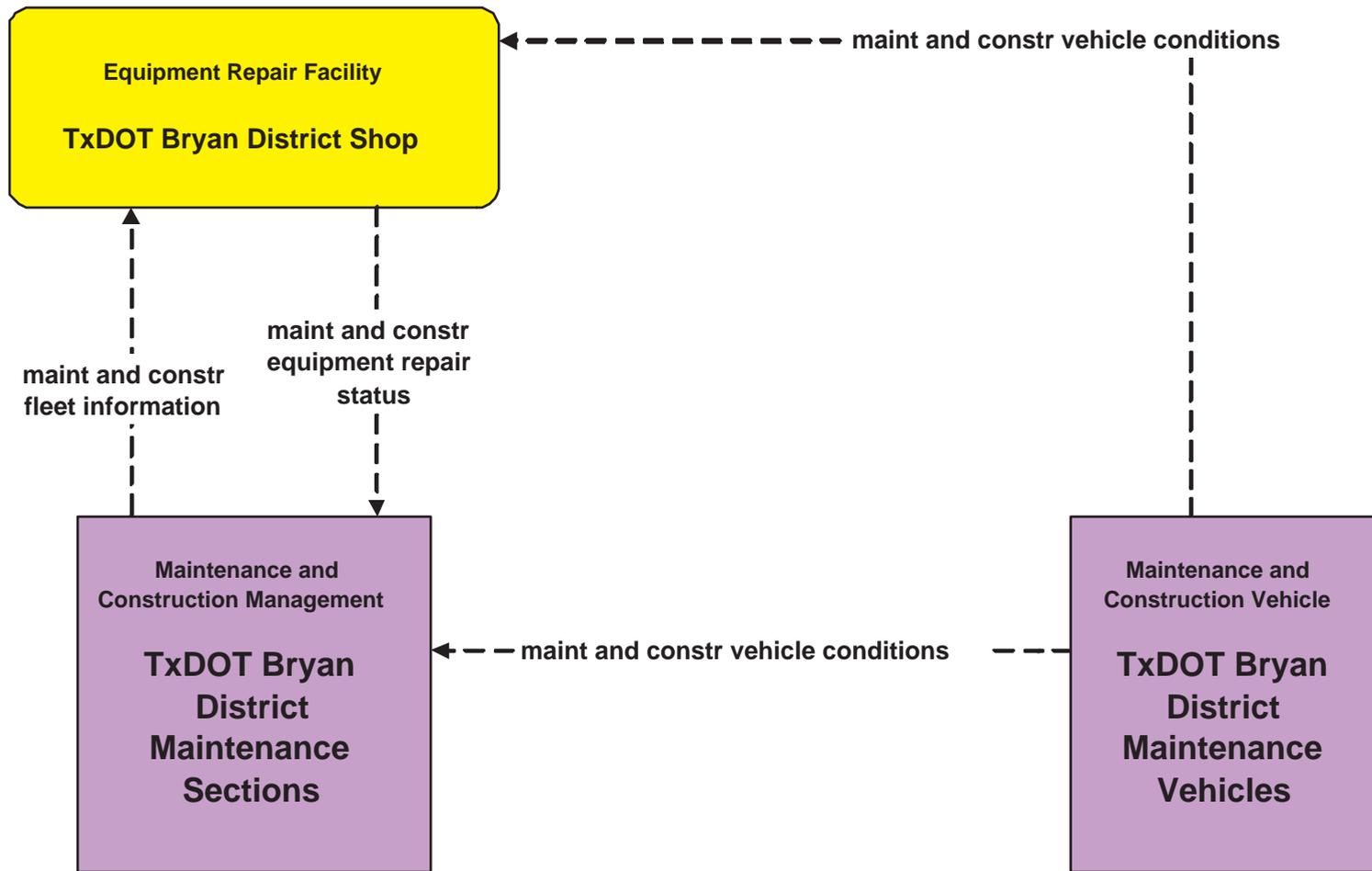
MC01 - Maintenance and Construction Vehicle Tracking
TxDOT Bryan District Maintenance Sections and County Road and Bridge



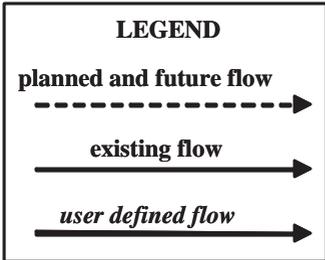
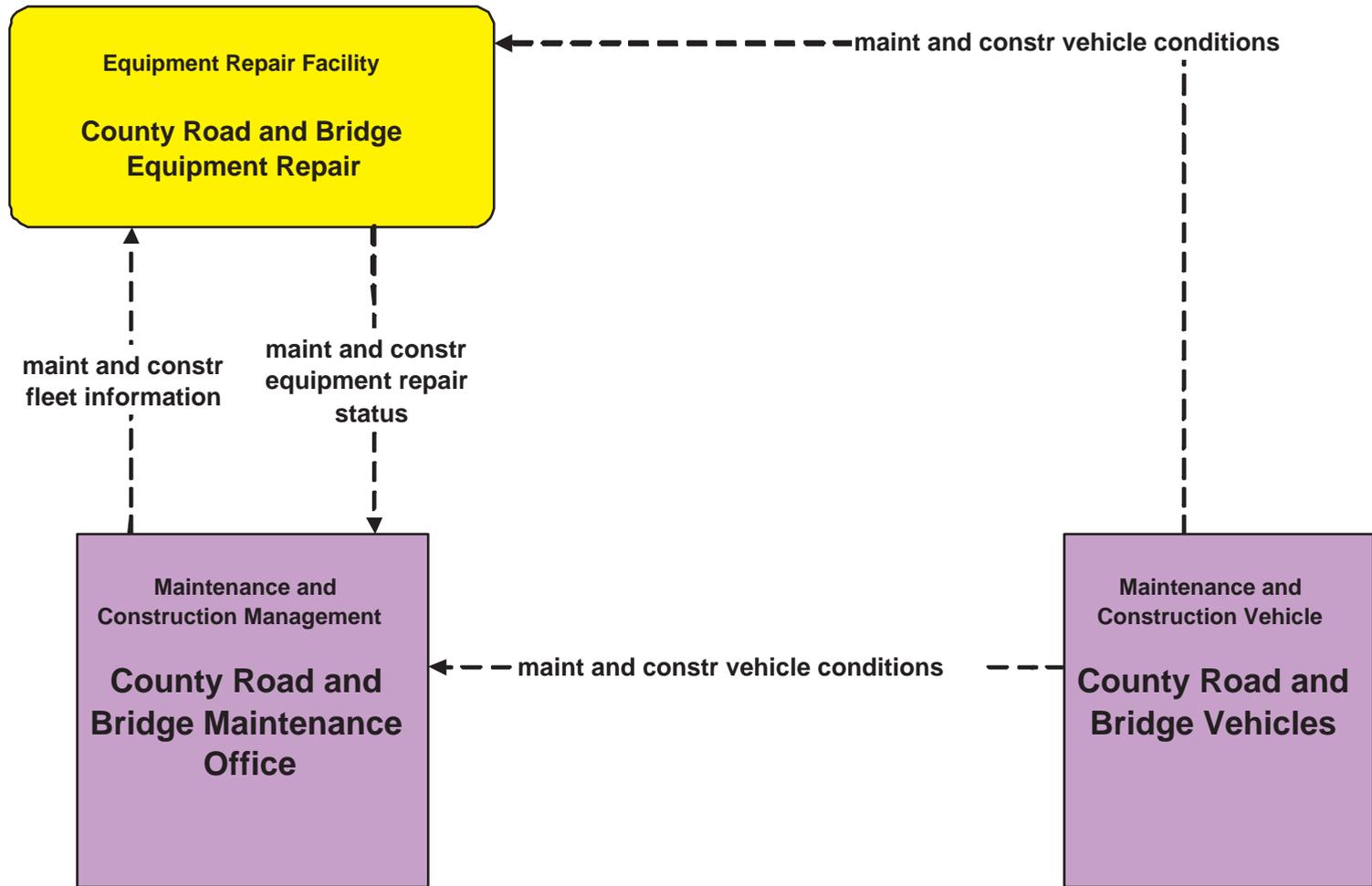
MC01 - Maintenance and Construction Vehicle Tracking
City of Bryan, College Station and Municipal PWD



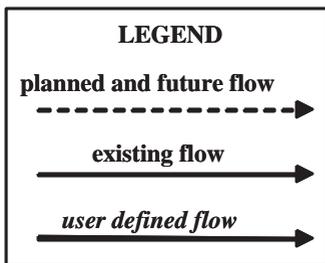
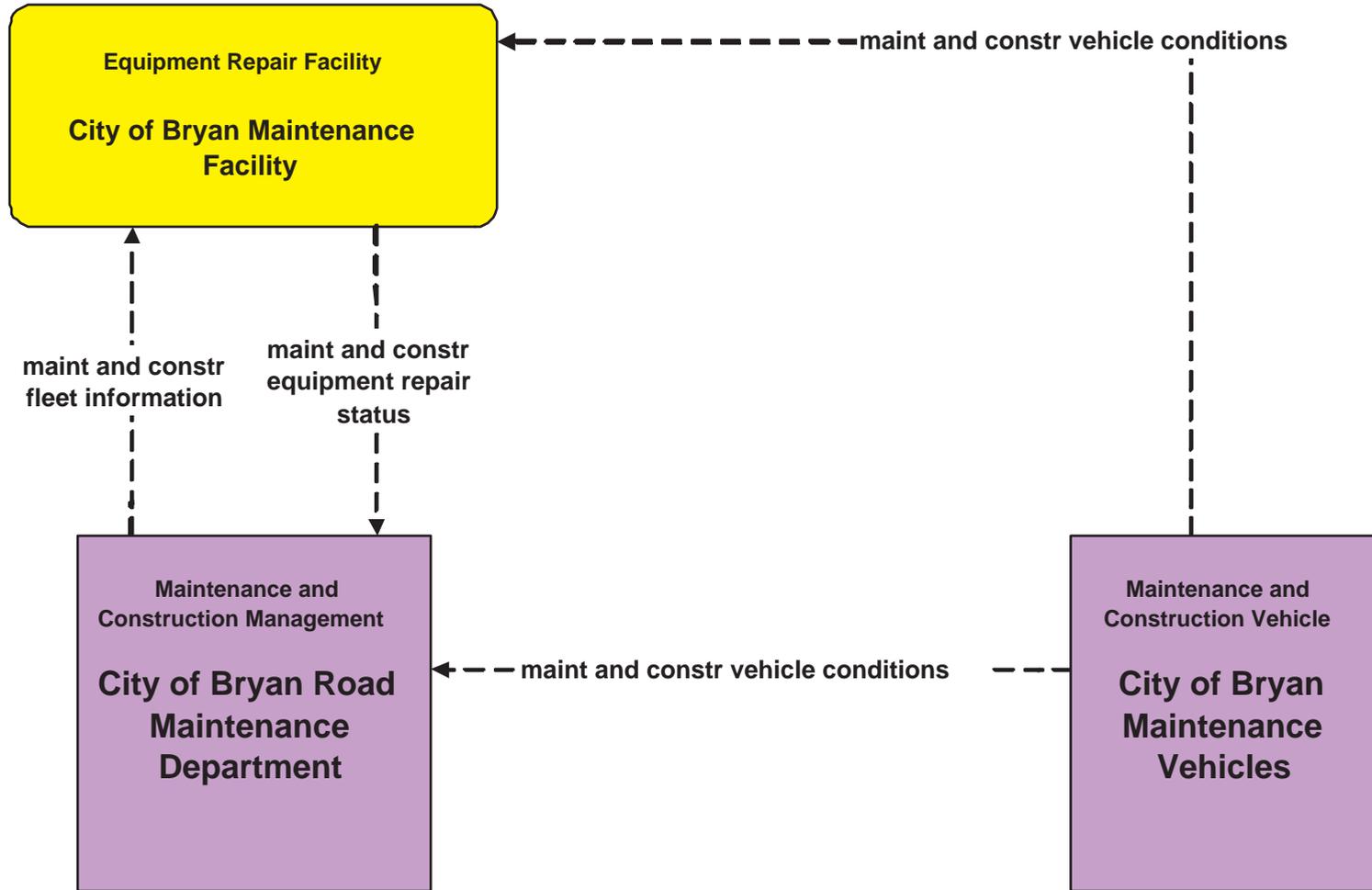
**MC02 - Maintenance and Construction Vehicle Maintenance
TxDOT Bryan Maintenance Sections**



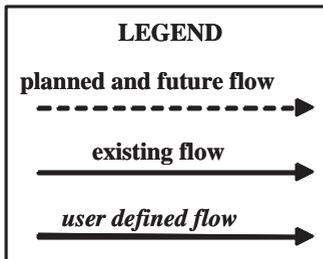
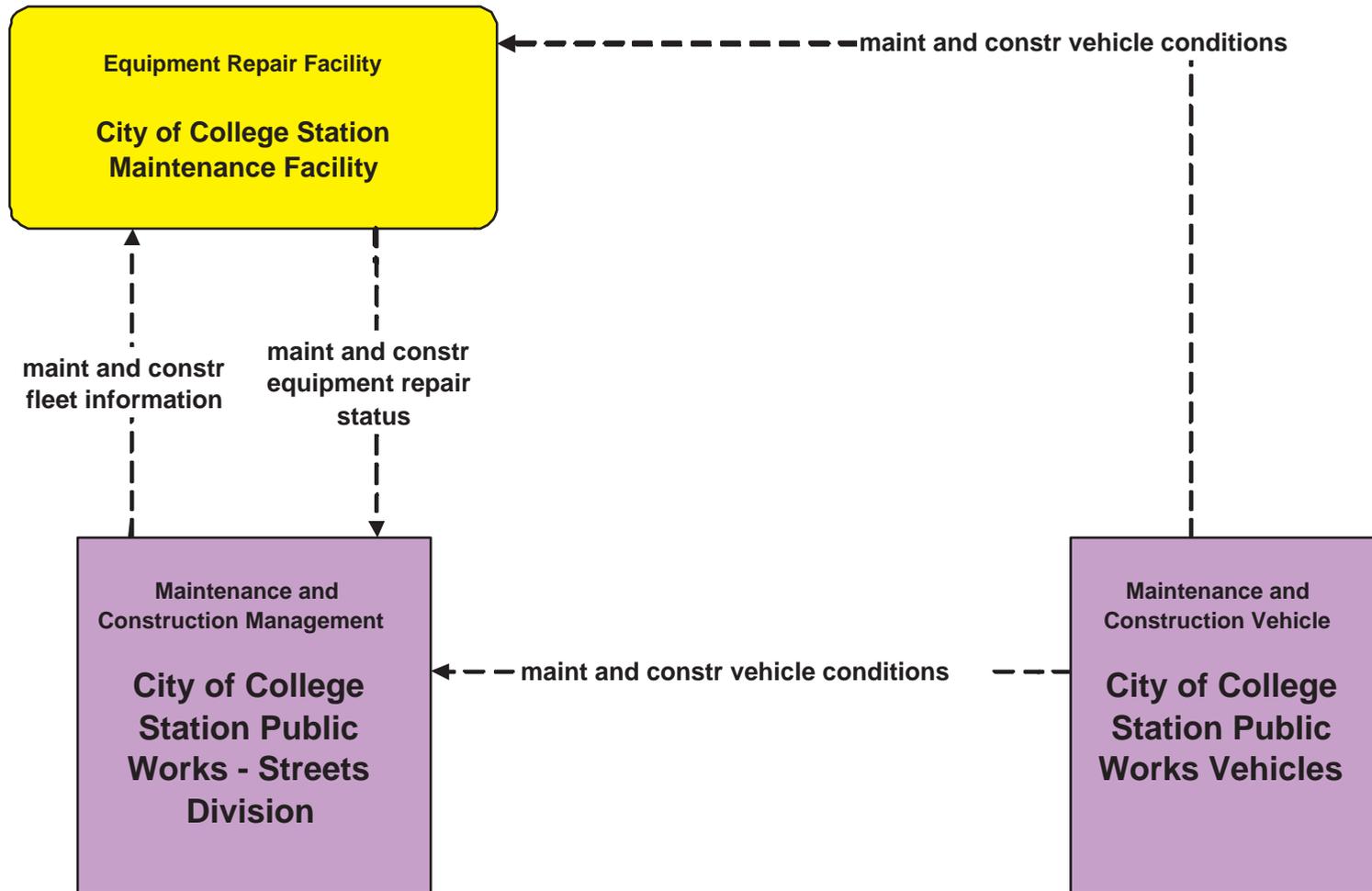
**MC02 - Maintenance and Construction Vehicle Maintenance
County Road and Bridge Equipment Maintenance**



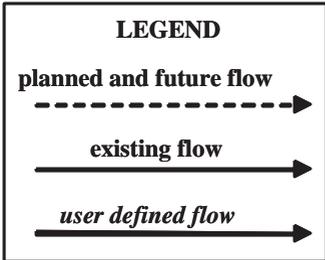
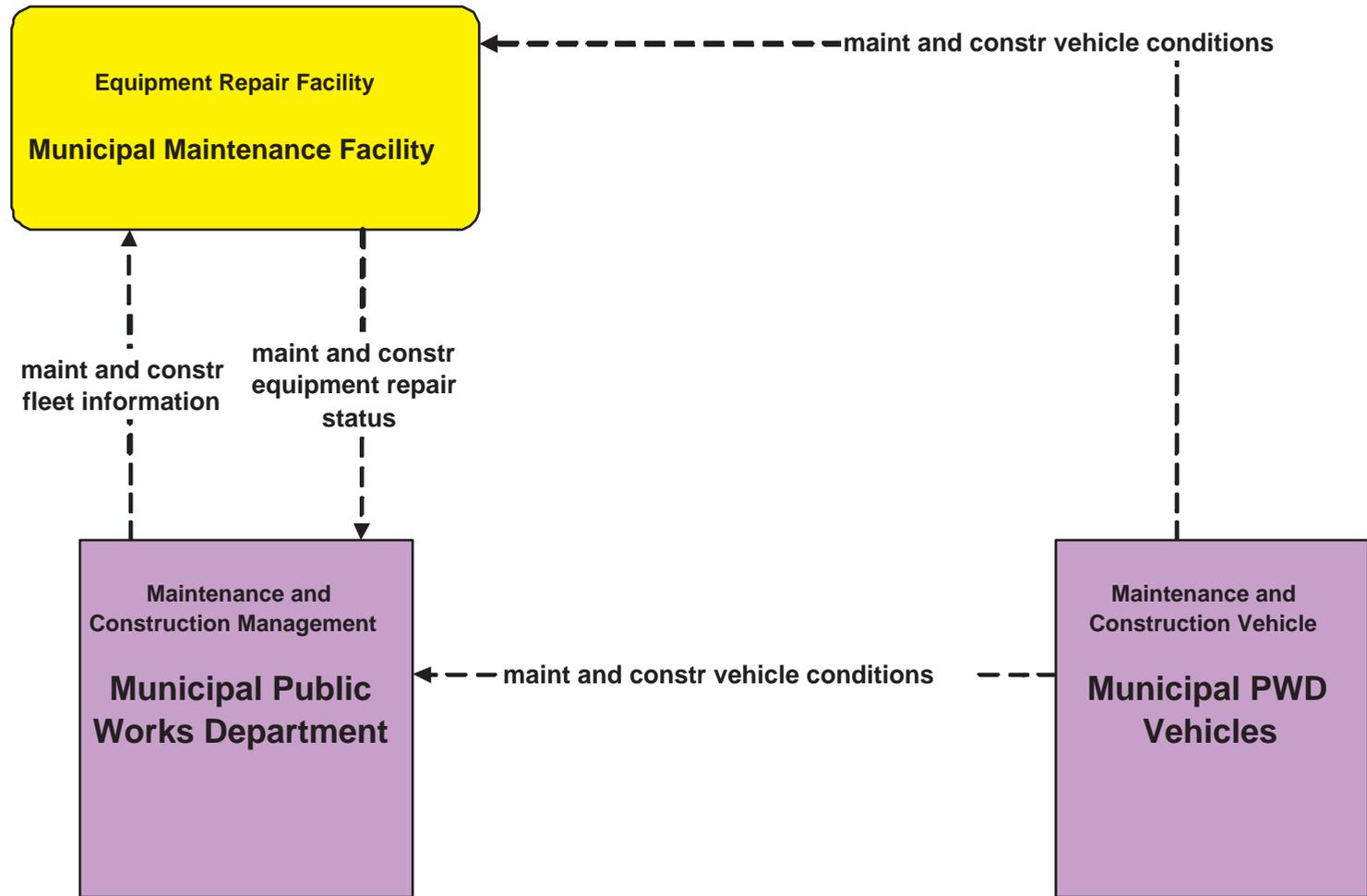
MC02 - Maintenance and Construction Vehicle Maintenance
City of Bryan Equipment Maintenance



MC02 - Maintenance and Construction Vehicle Maintenance
City of College Station Equipment Maintenance



**MC02 - Maintenance and Construction Vehicle Maintenance
Municipal Equipment Maintenance**

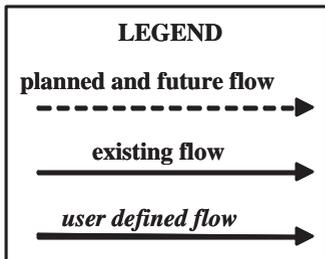
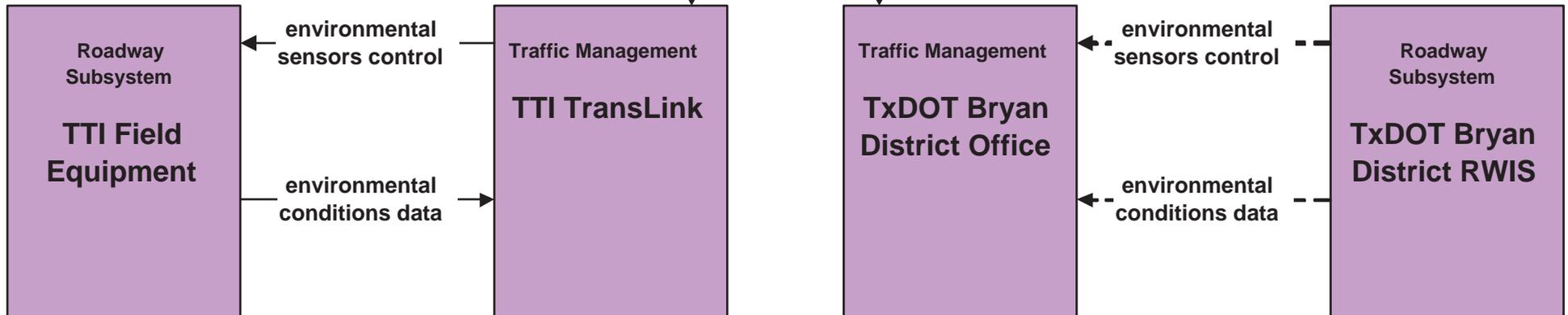


**MC03 - Road Weather Data Collection
TxDOT Bryan District / TTI TransLink**

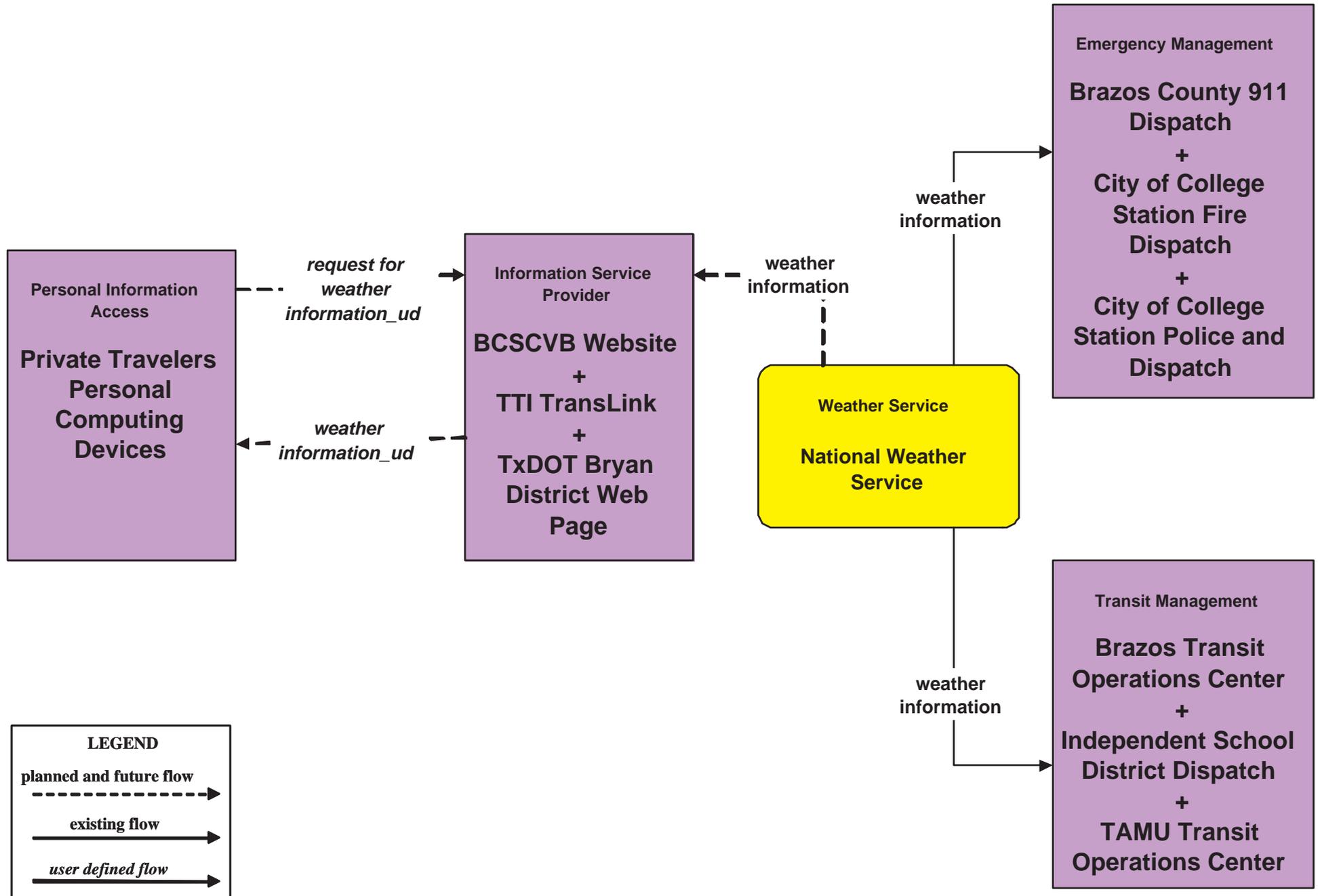


environmental
conditions data

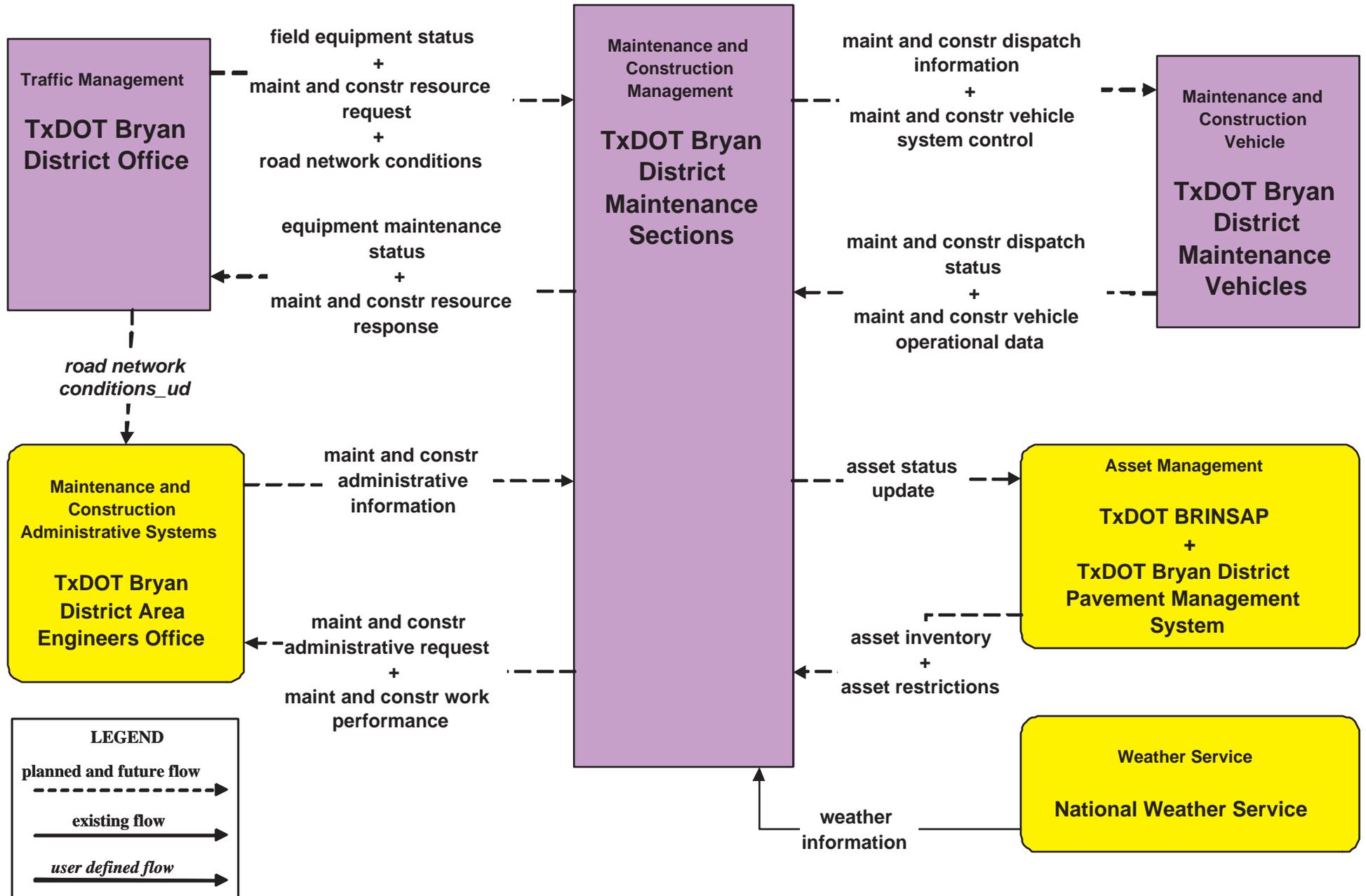
environmental
conditions data



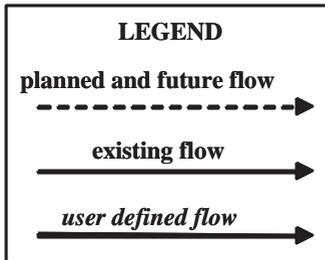
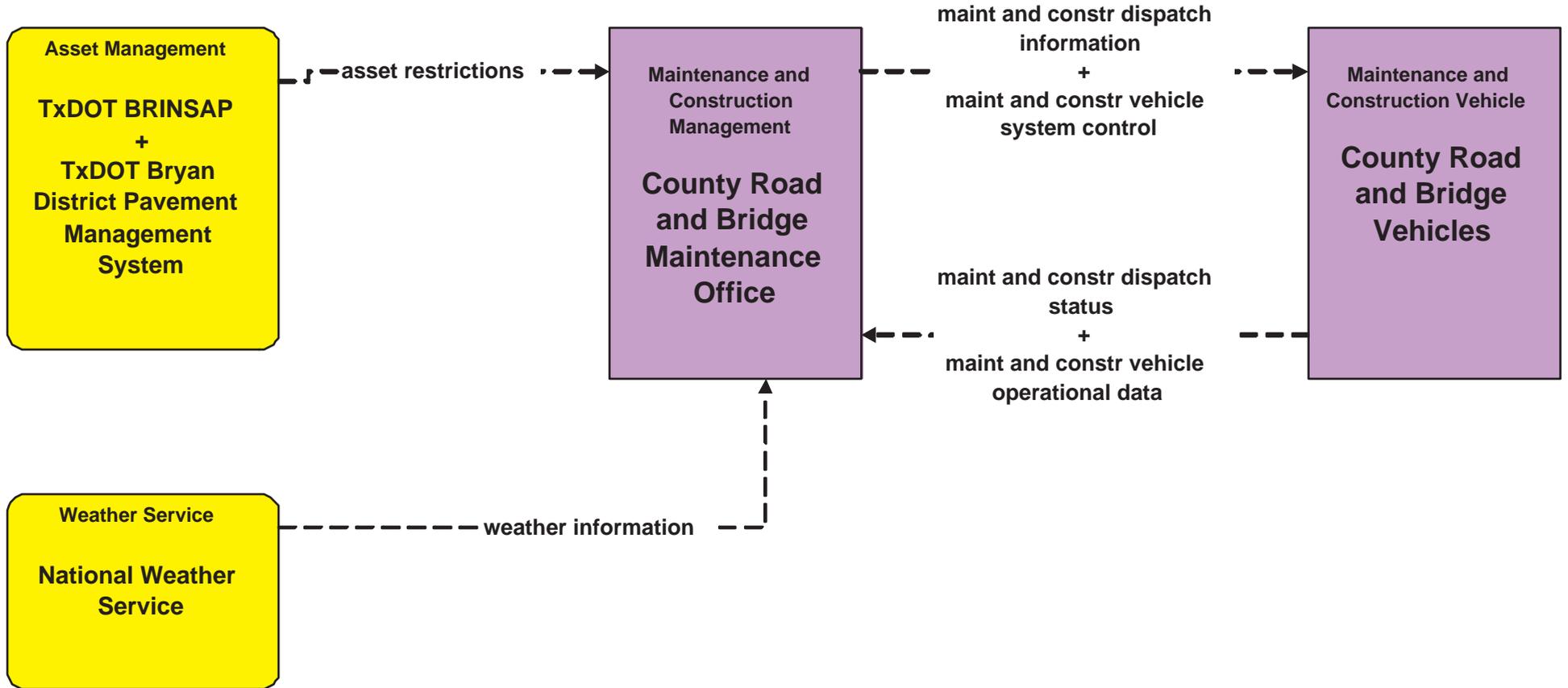
MC04 - Weather Information Processing and Distribution Brazos Valley



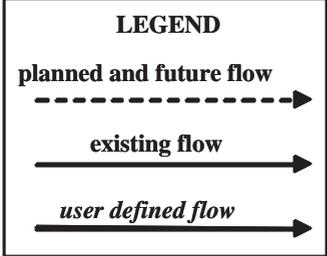
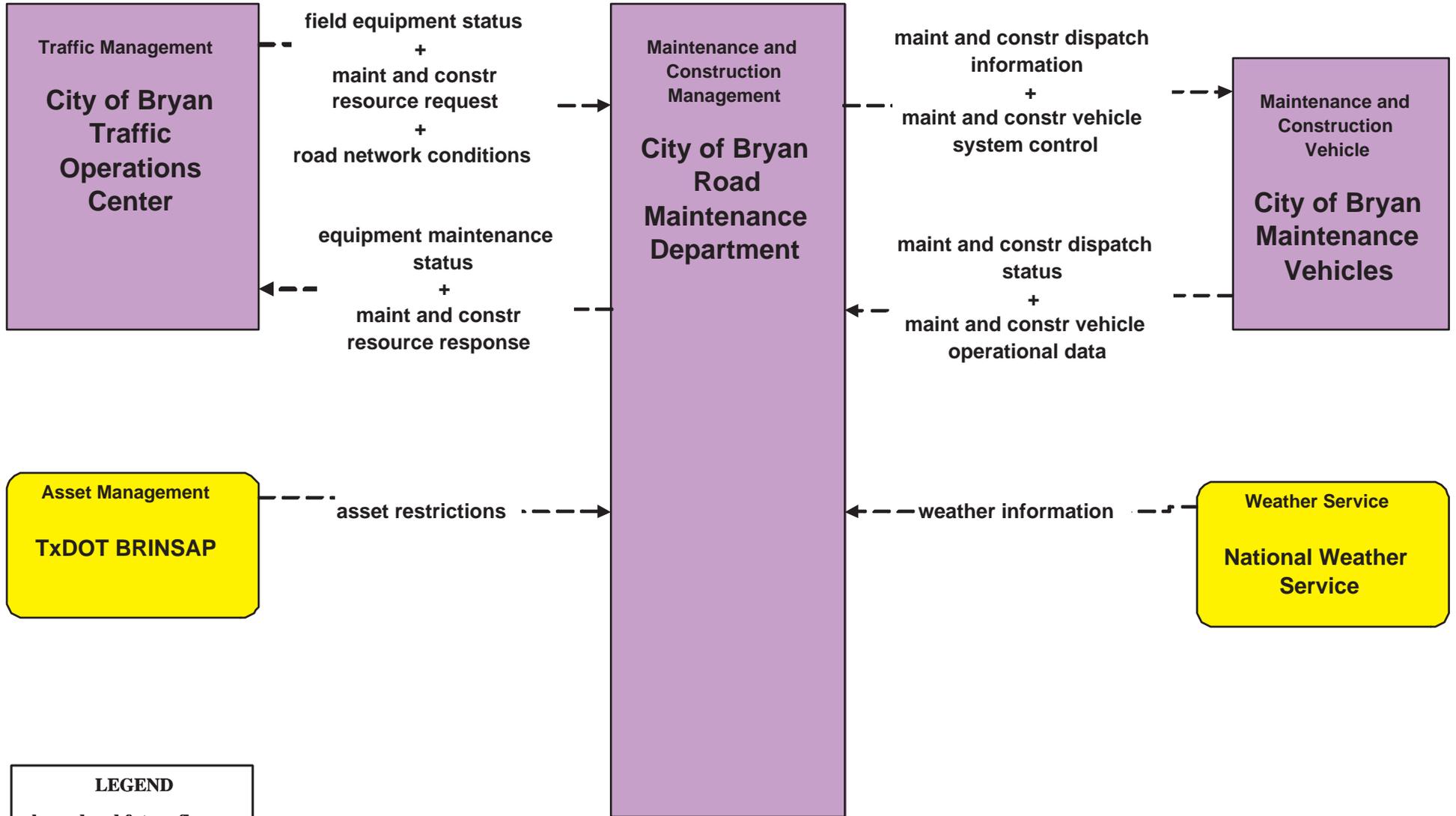
MC07 - Roadway Maintenance and Construction TxDOT Bryan District Maintenance Sections



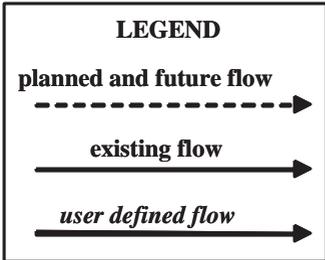
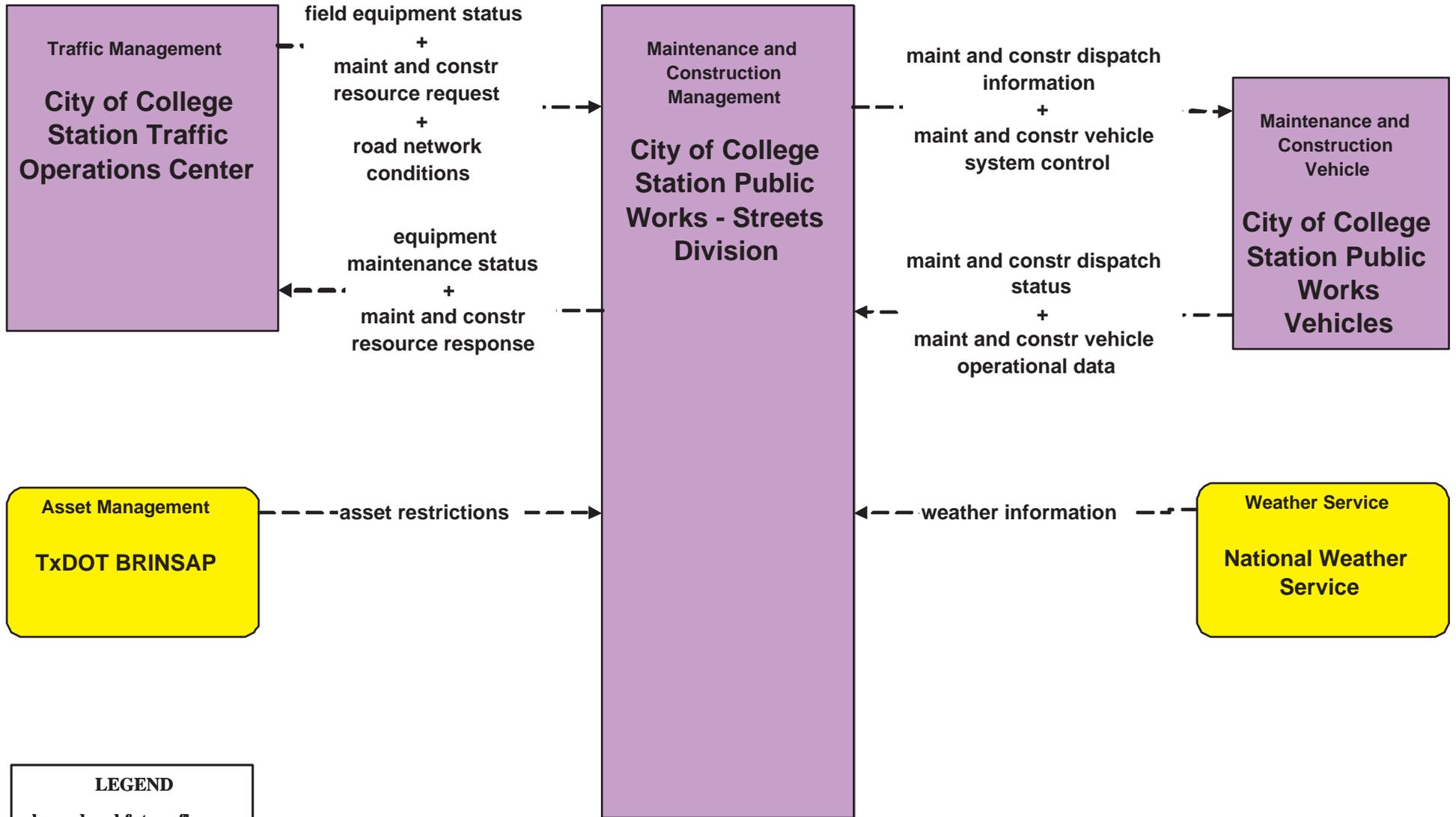
MC07 - Roadway Maintenance and Construction County Road and Bridge Maintenance



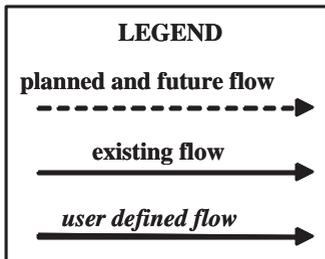
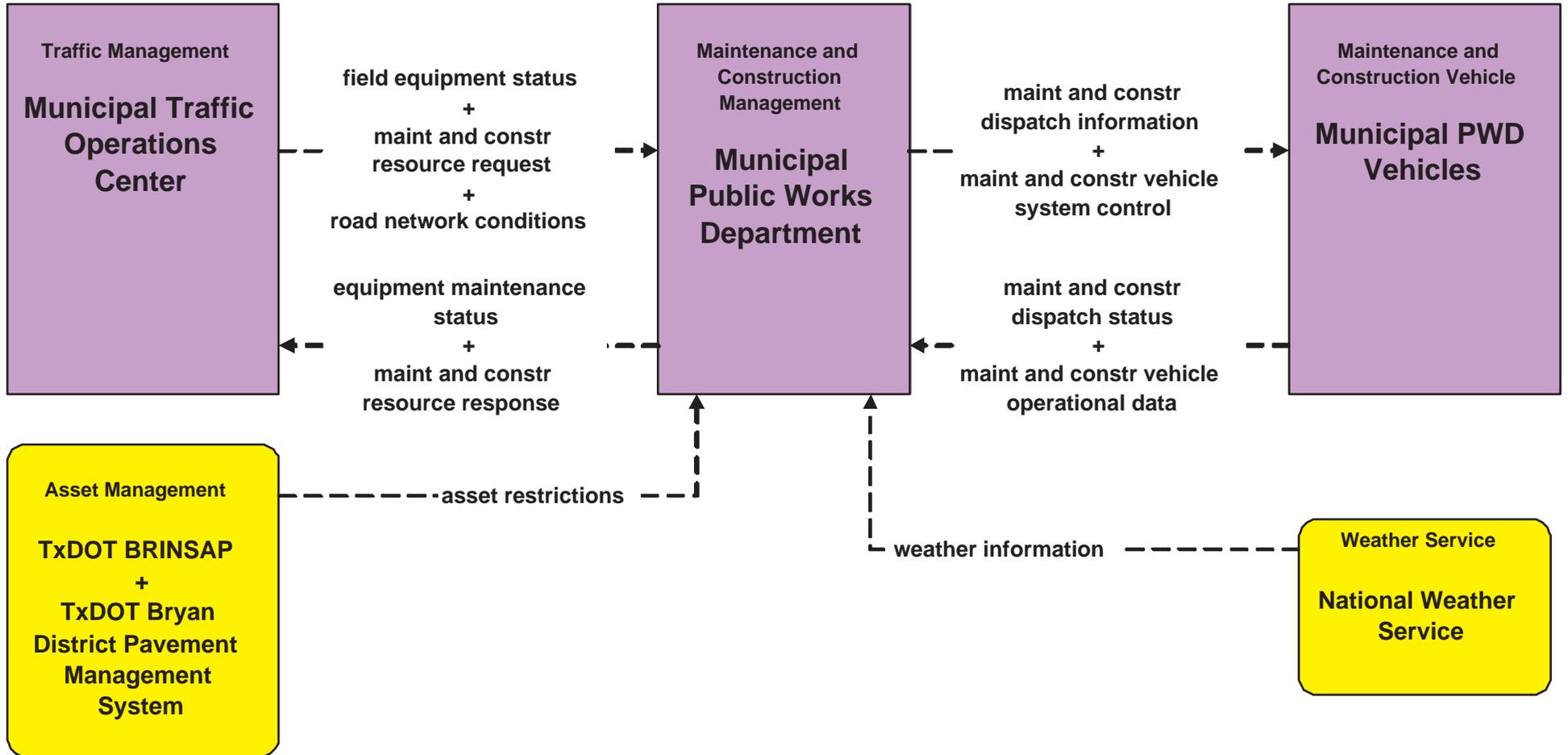
MC07 - Roadway Maintenance and Construction City of Bryan Maintenance



MC07 - Roadway Maintenance and Construction City of College Station Maintenance

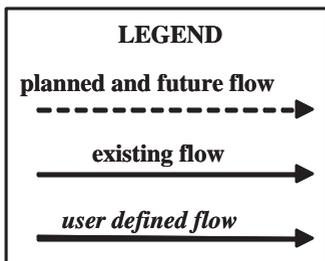
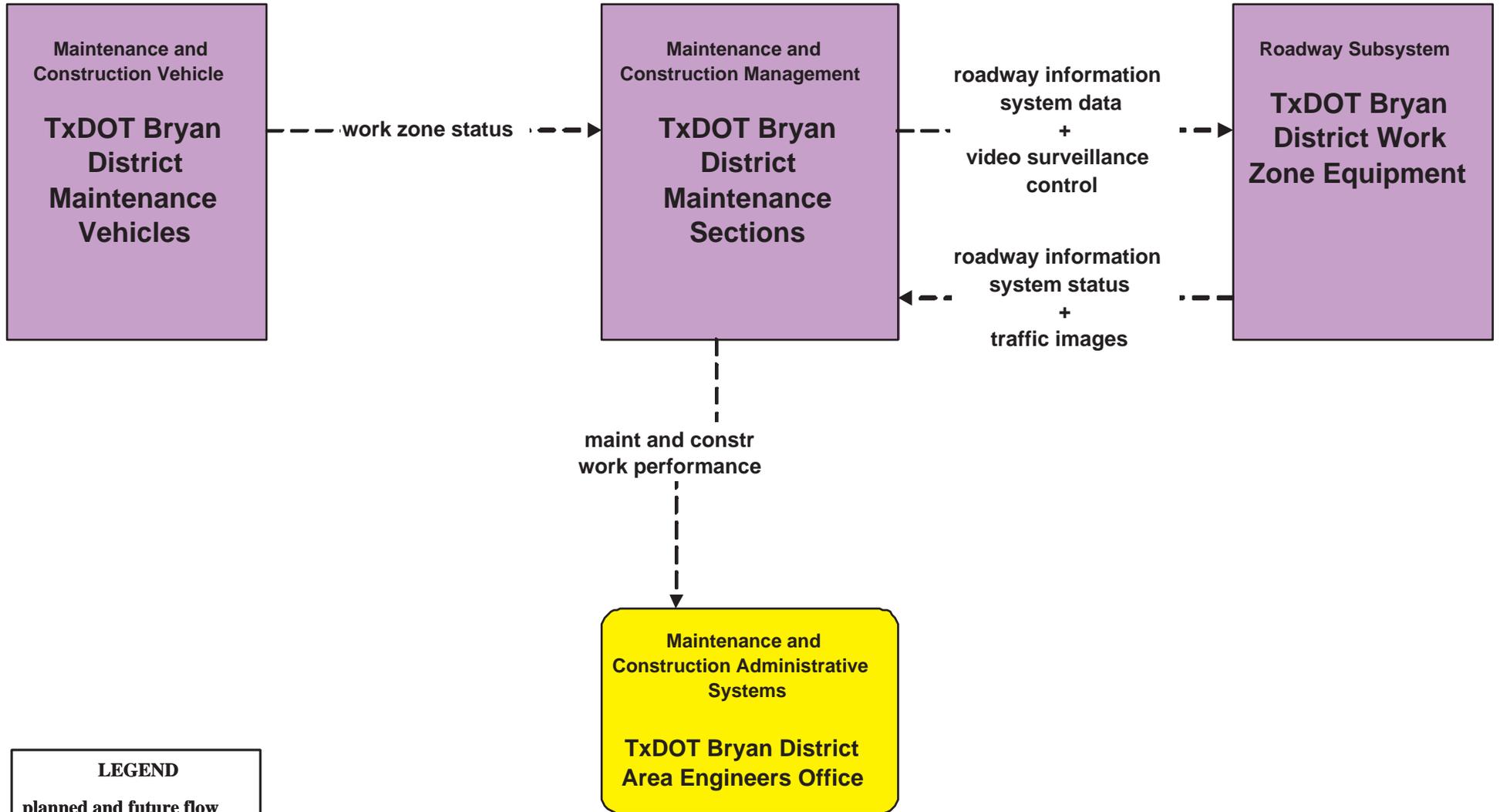


**MC07 - Roadway Maintenance and Construction
Municipal PWD Maintenance**

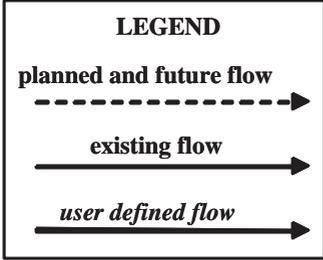
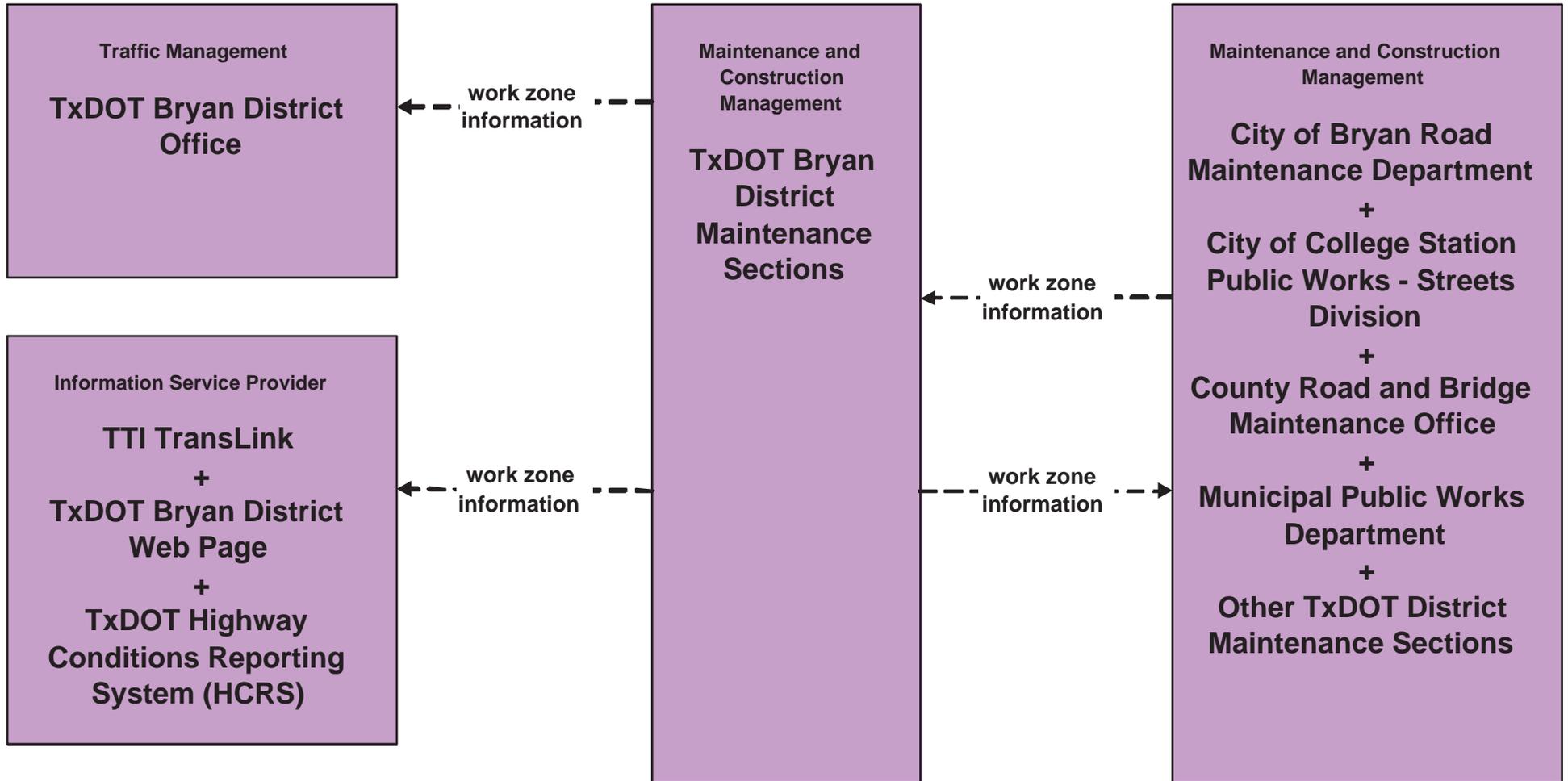


MC08 - Workzone Management

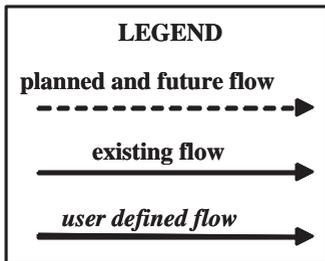
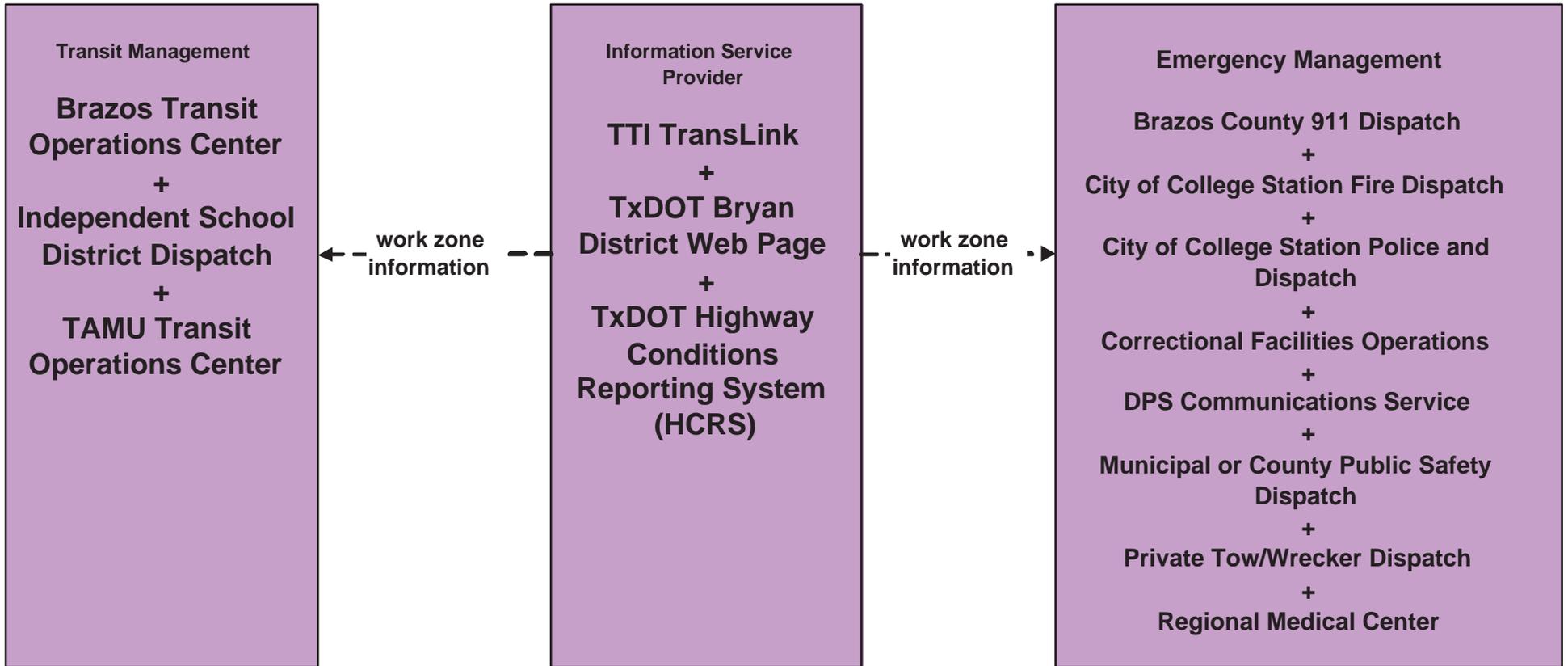
TxDOT Bryan District Maintenance Sections



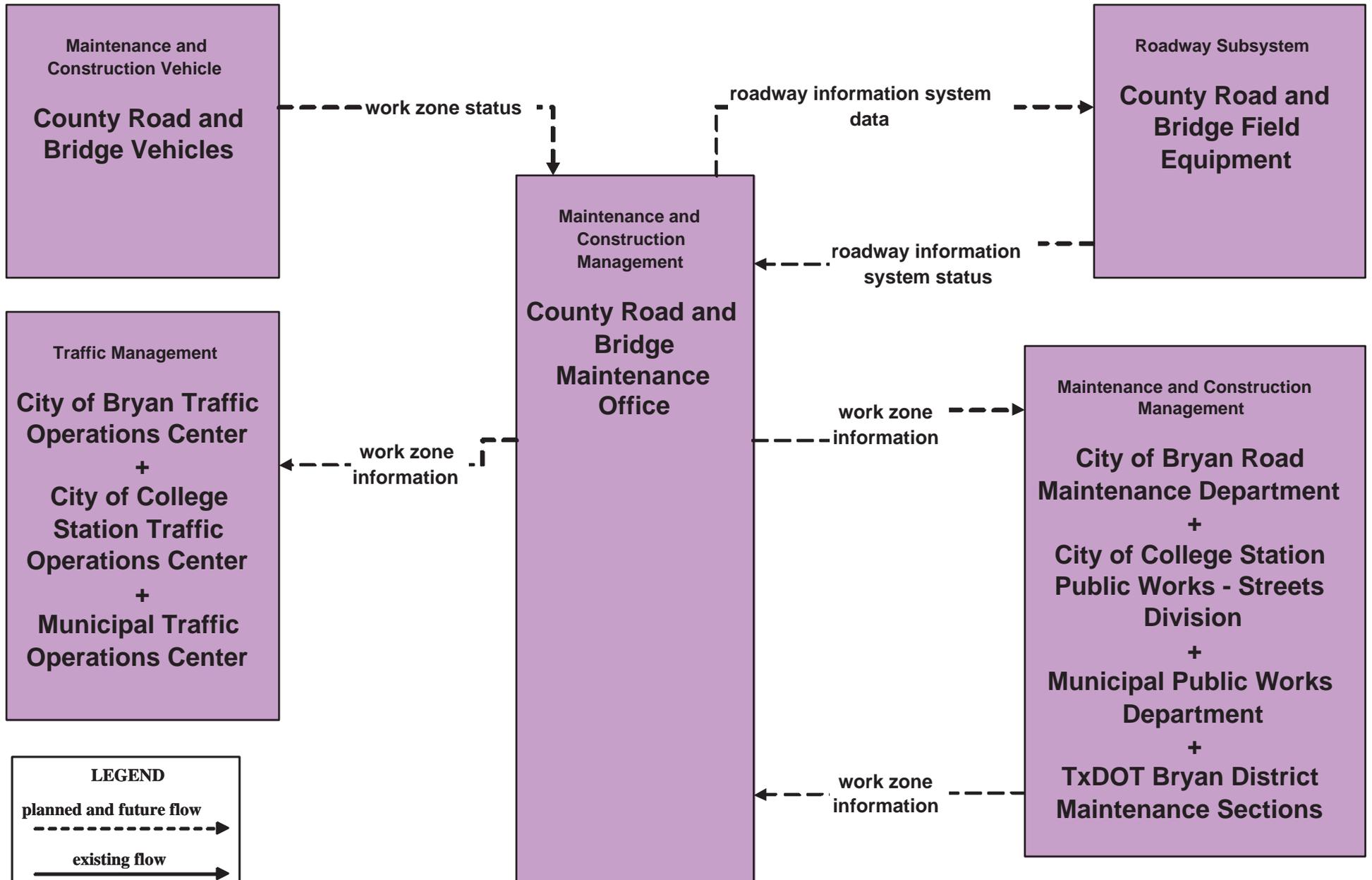
MC08 - Workzone Management
TxDOT Workzone Information Dissemination (1)



MC08 - Workzone Management
TxDOT Workzone Information Dissemination (2)



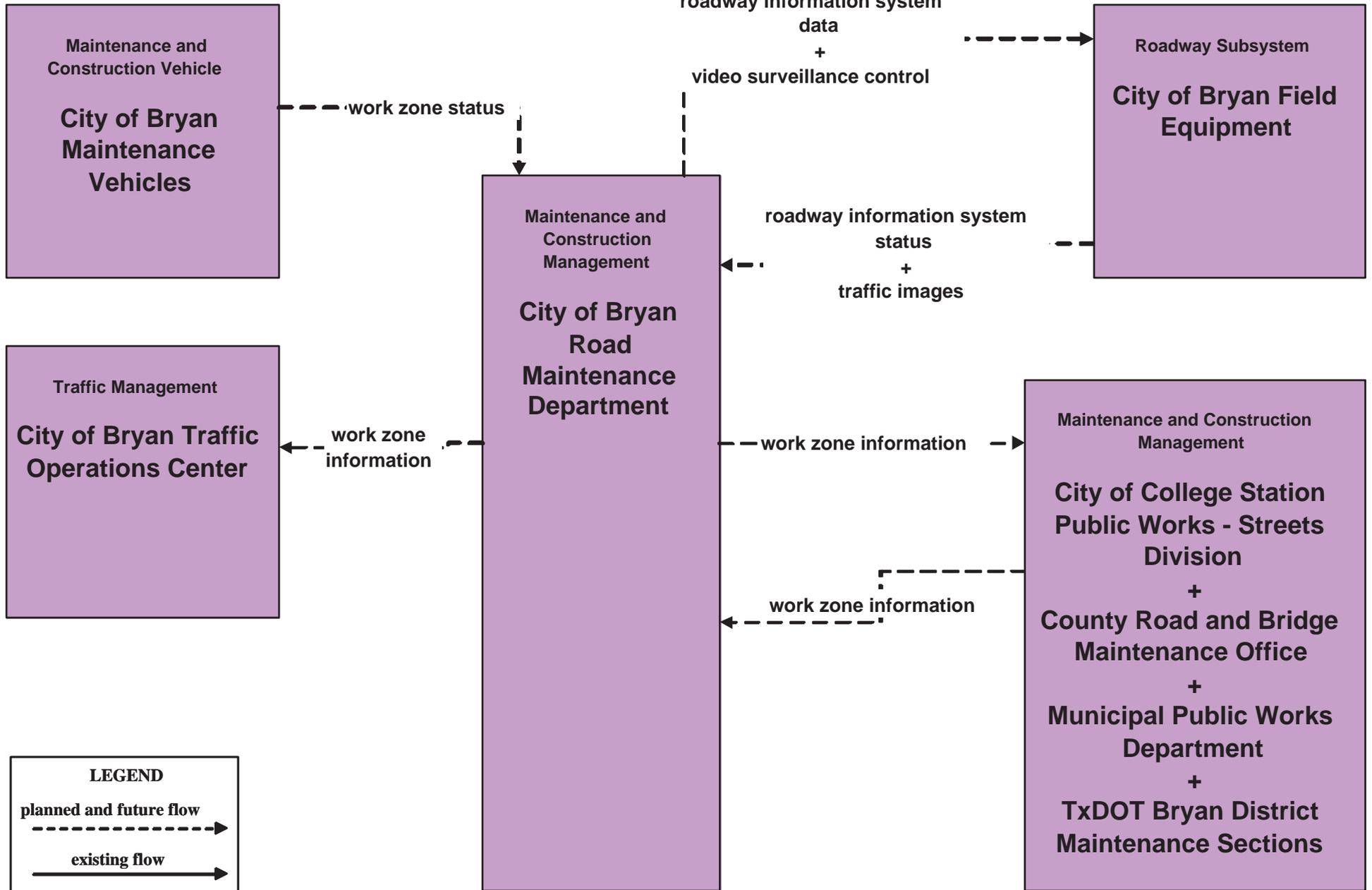
MC08 - Workzone Management County Road and Bridge



LEGEND

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

**MC08 - Workzone Management
City of Bryan Maintenance**



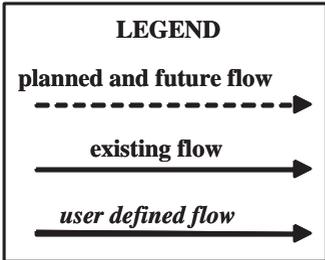
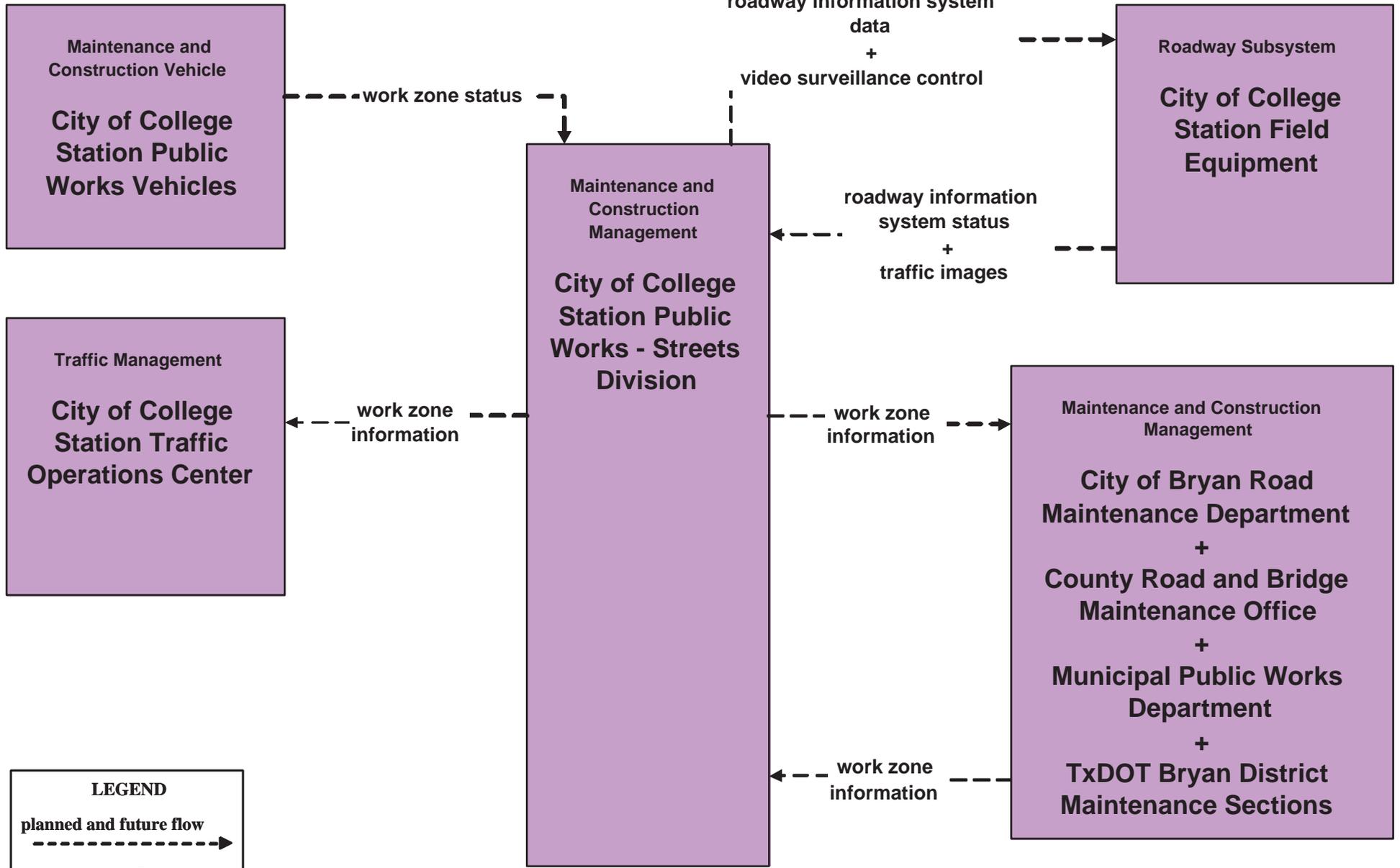
LEGEND

planned and future flow
----->

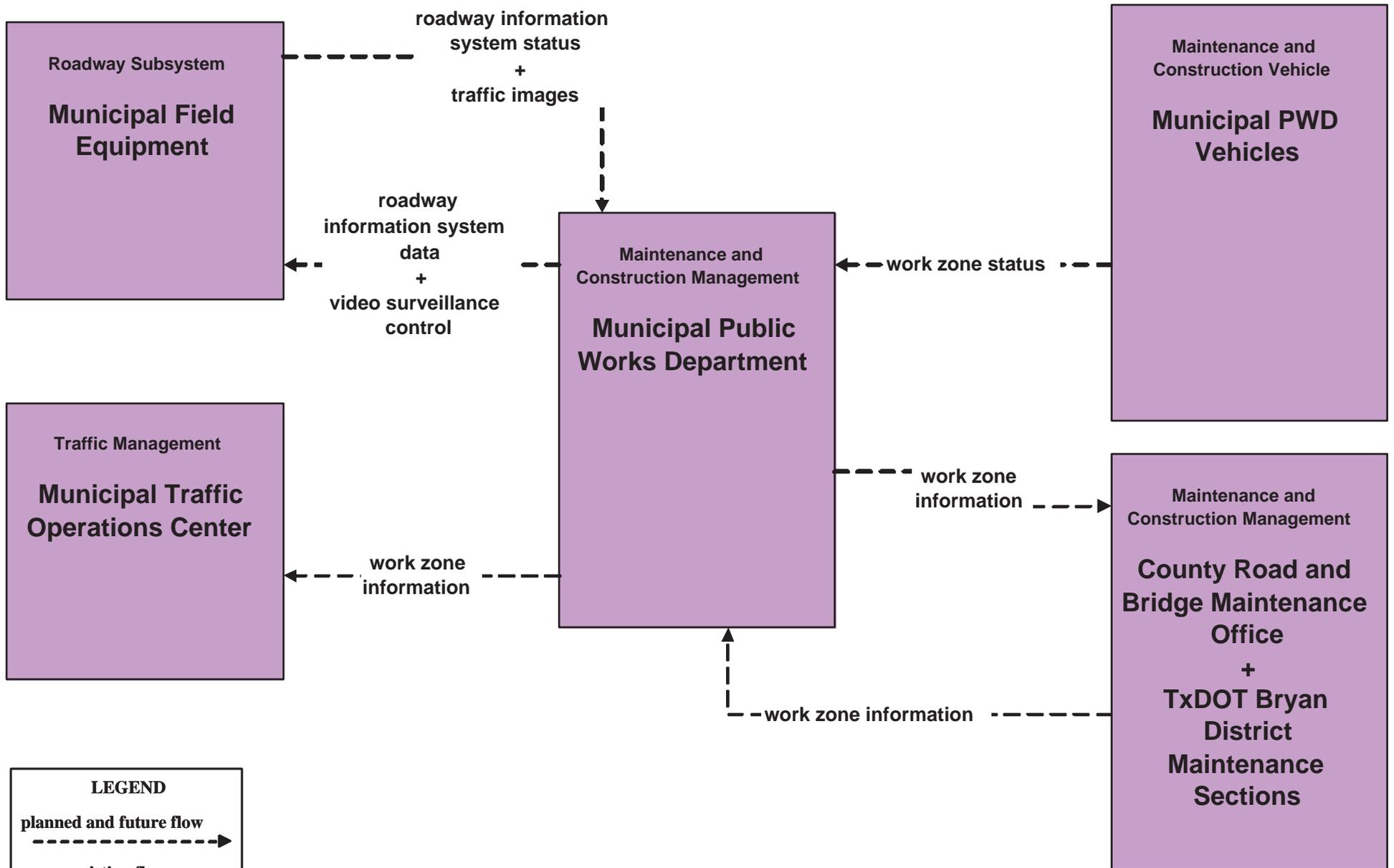
existing flow
————>

user defined flow
————>

**MC08 - Workzone Management
City of College Station Maintenance**



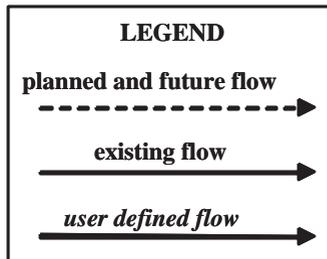
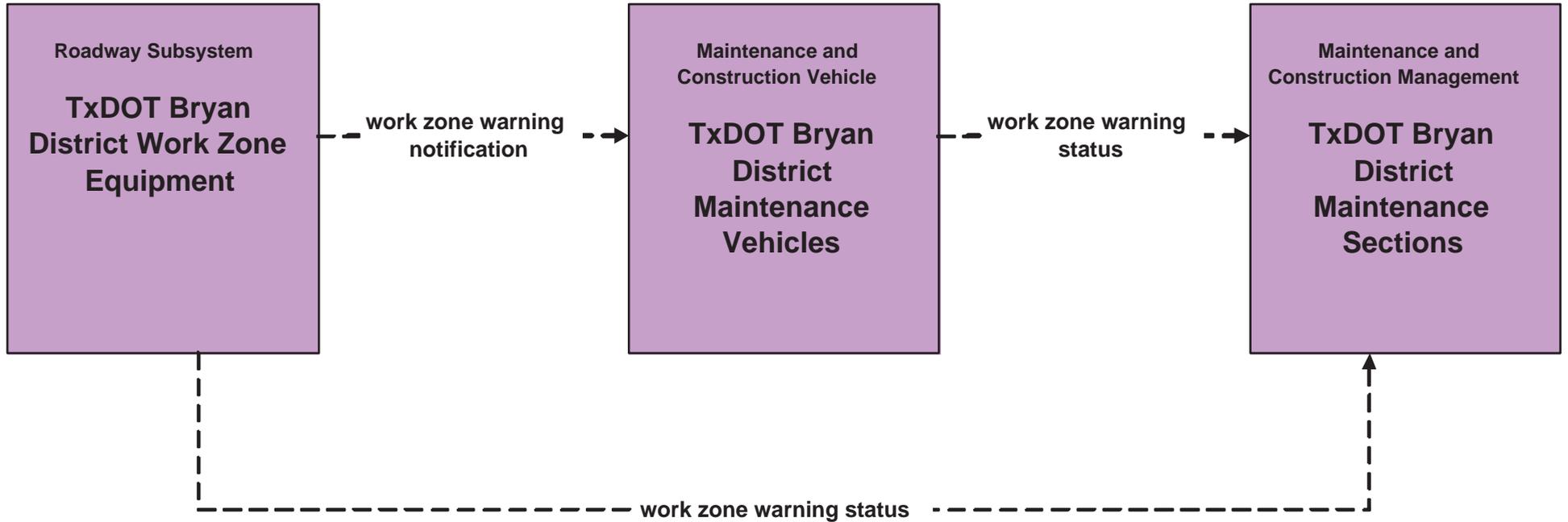
**MC08 - Workzone Management
Municipal PWD**



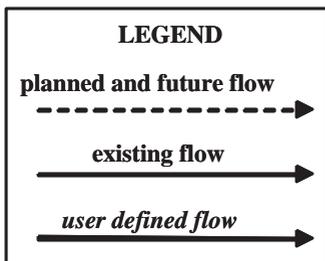
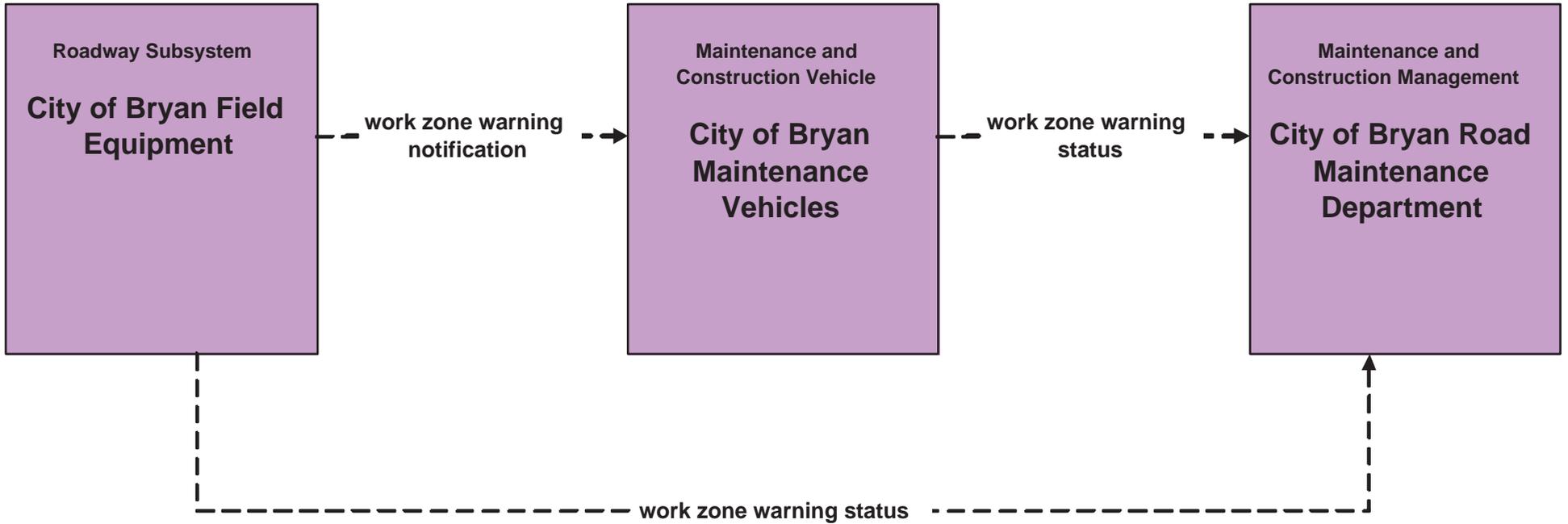
LEGEND

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

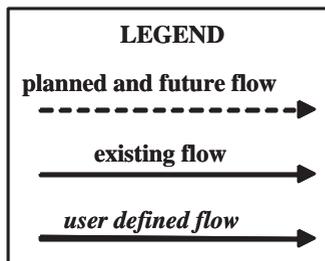
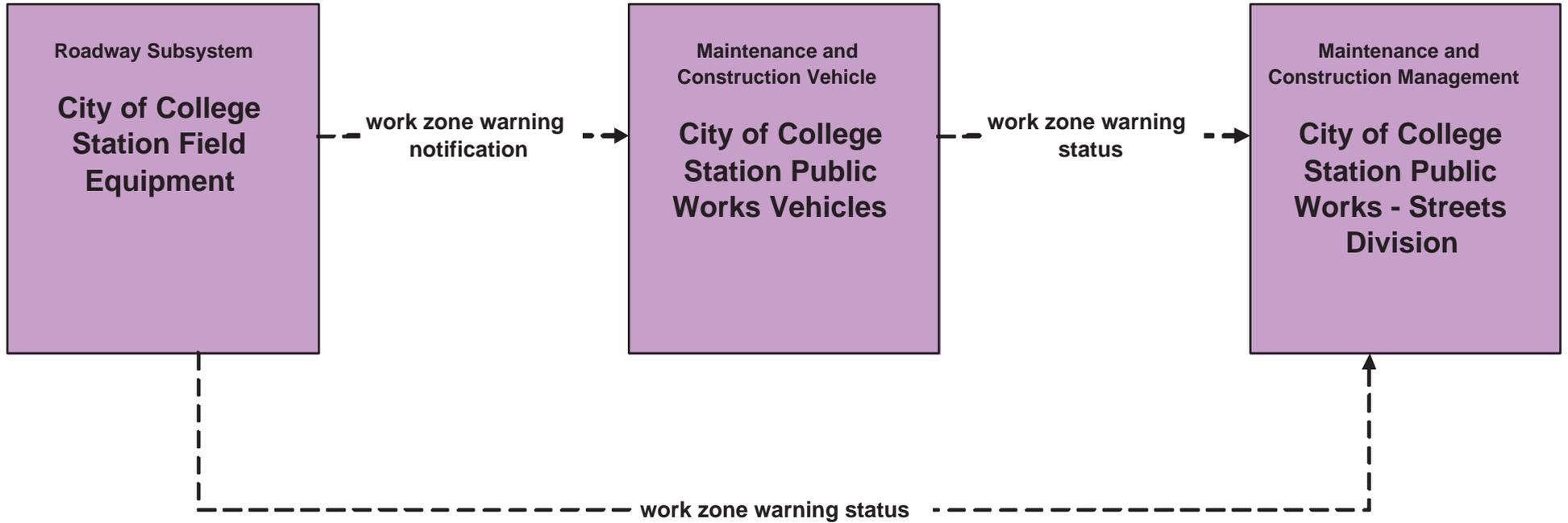
**MC09 - Workzone Safety Monitoring
TxDOT Bryan District Maintenance Sections**



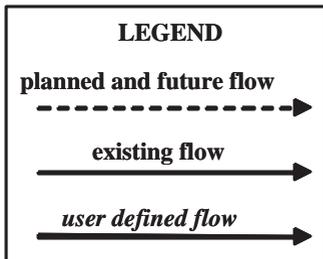
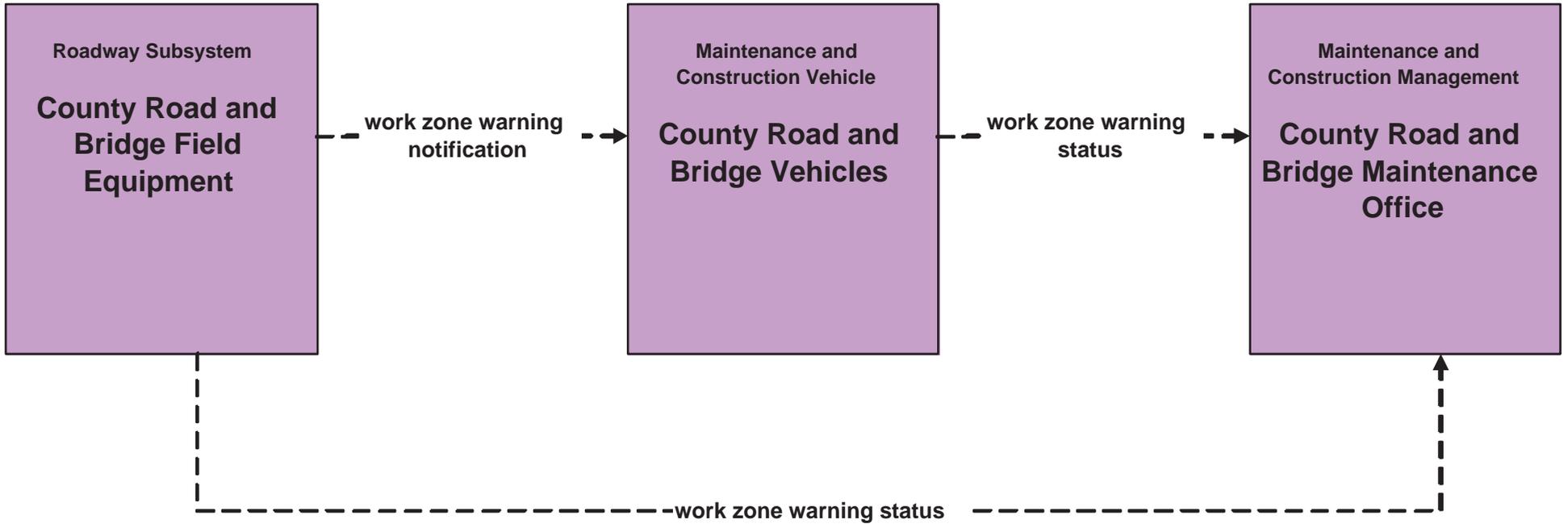
**MC09 - Workzone Safety Monitoring
City of Bryan Maintenance**



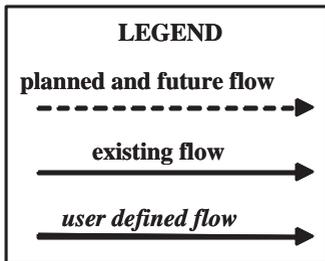
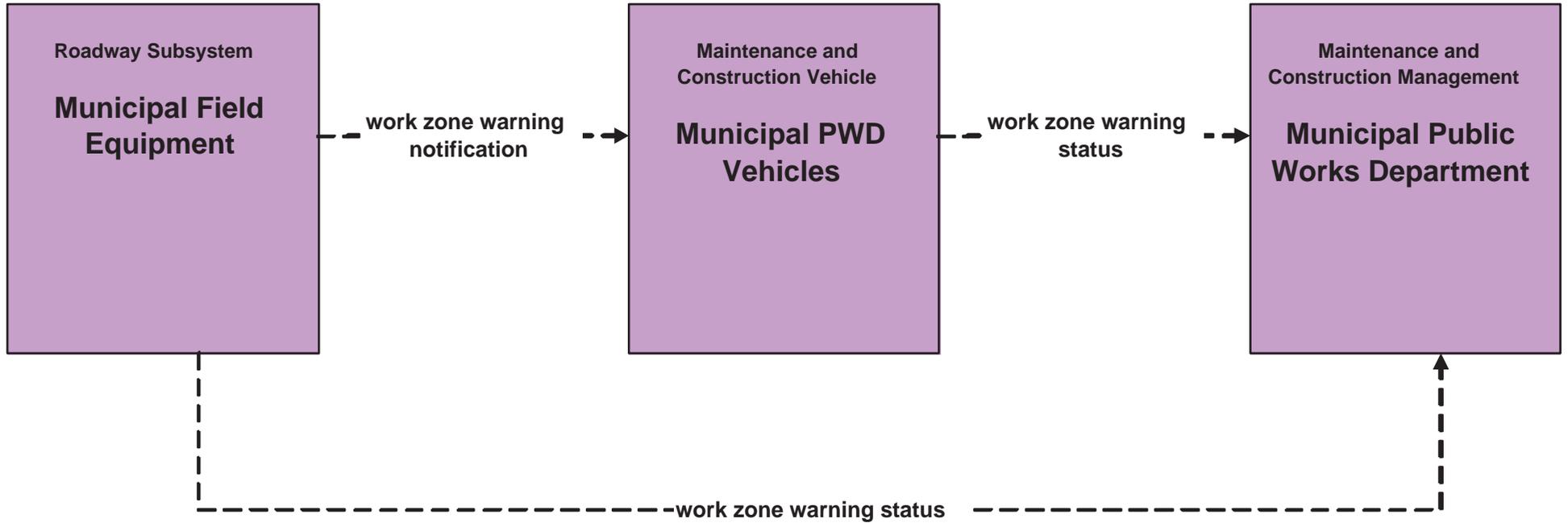
**MC09 - Workzone Safety Monitoring
City of College Station Maintenance**



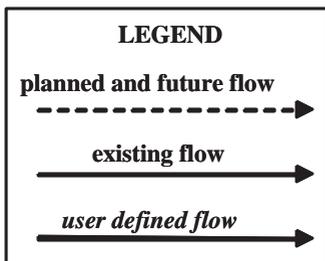
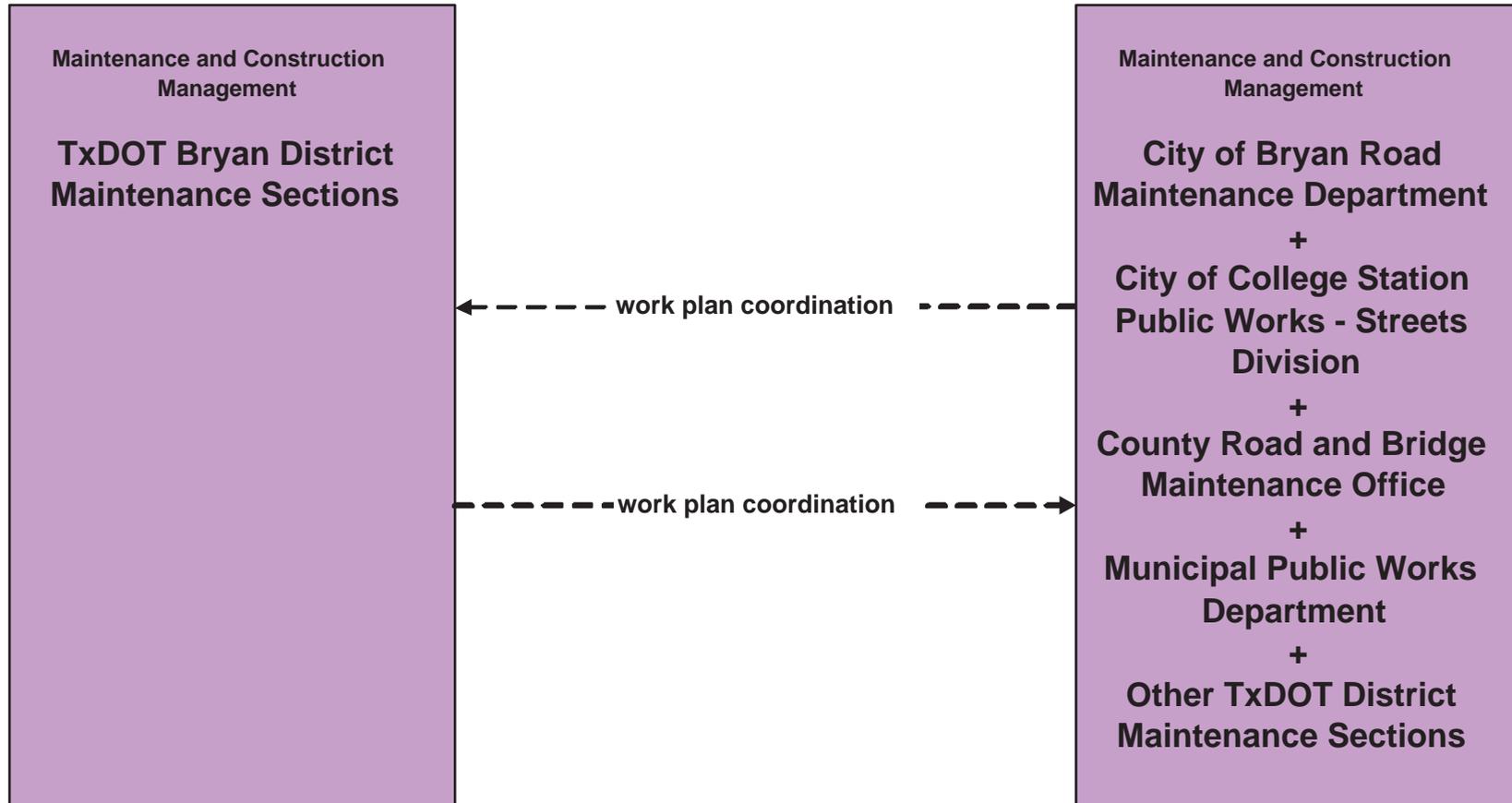
MC09 - Workzone Safety Monitoring County Road and Bridge Maintenance



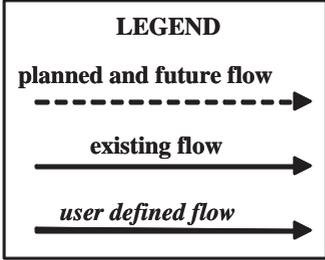
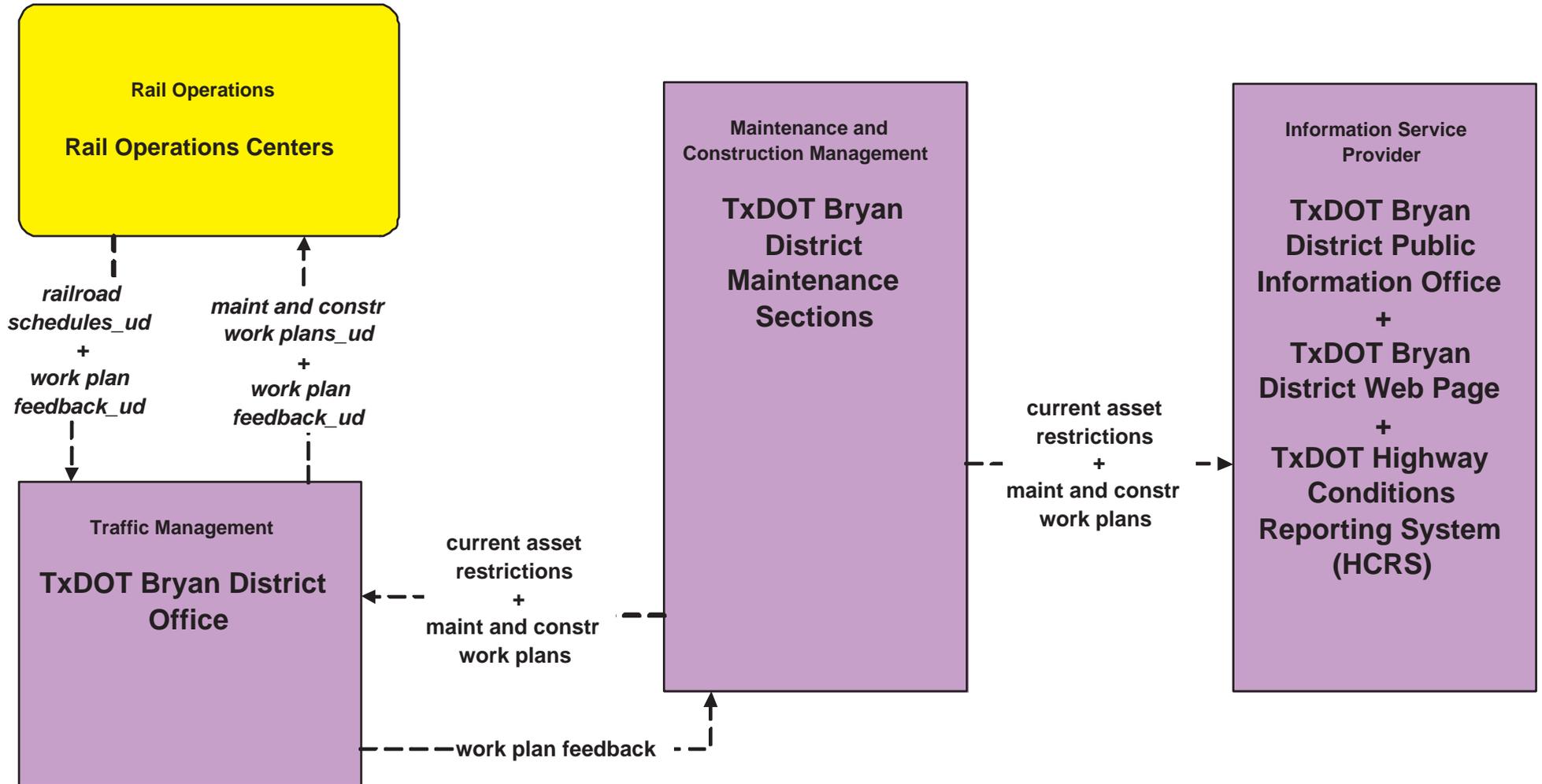
**MC09 - Workzone Safety Monitoring
Municipal PWD Maintenance**



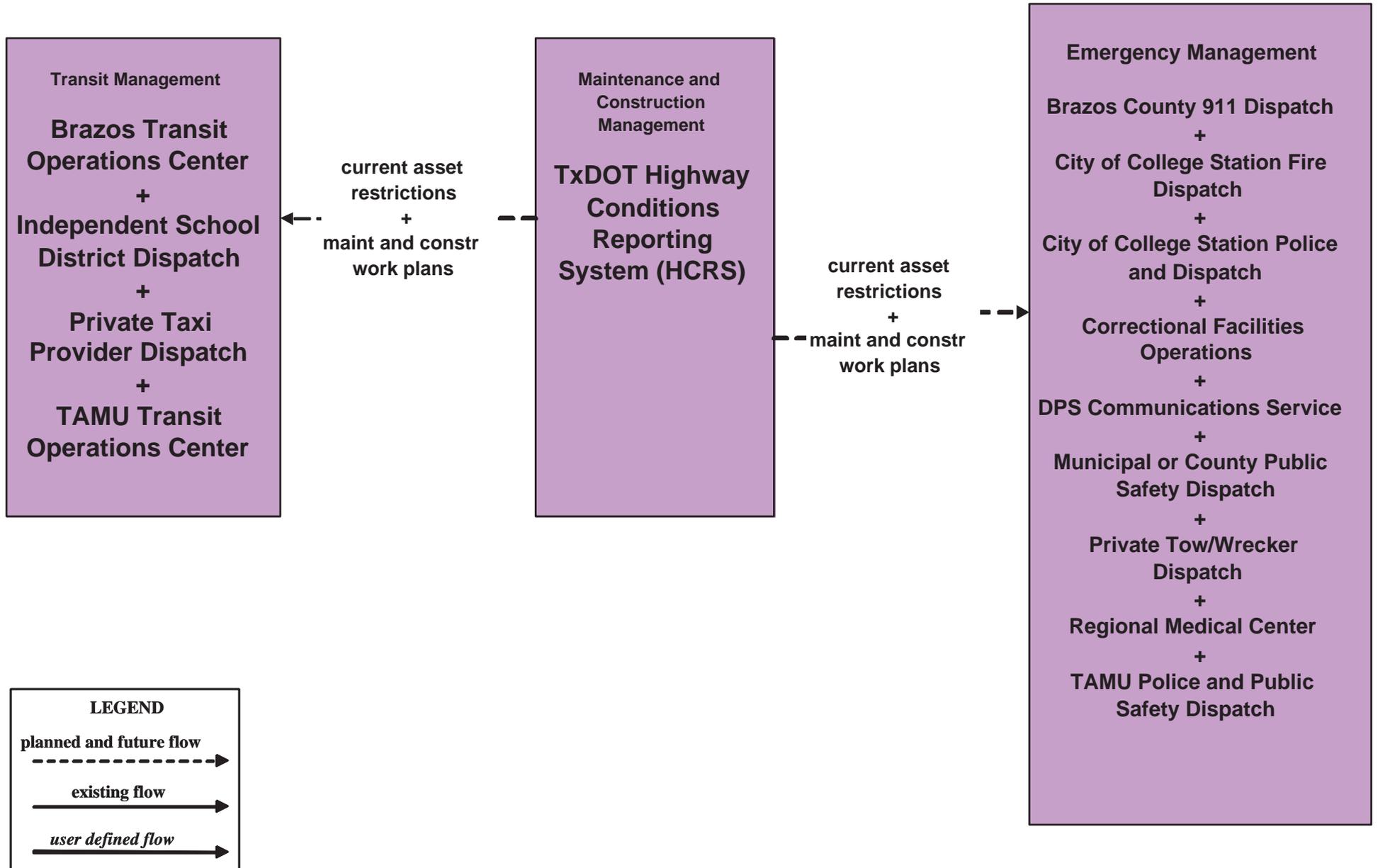
MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - TxDOT (1 of 3)



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



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



Transit Management

Brazos Transit Operations Center

+

Independent School District Dispatch

+

Private Taxi Provider Dispatch

+

TAMU Transit Operations Center

Maintenance and Construction Management

TxDOT Highway Conditions Reporting System (HCRS)

Emergency Management

Brazos County 911 Dispatch

+

City of College Station Fire Dispatch

+

City of College Station Police and Dispatch

+

Correctional Facilities Operations

+

DPS Communications Service

+

Municipal or County Public Safety Dispatch

+

Private Tow/Wrecker Dispatch

+

Regional Medical Center

+

TAMU Police and Public Safety Dispatch

current asset restrictions
+
maint and constr work plans

current asset restrictions
+
maint and constr work plans

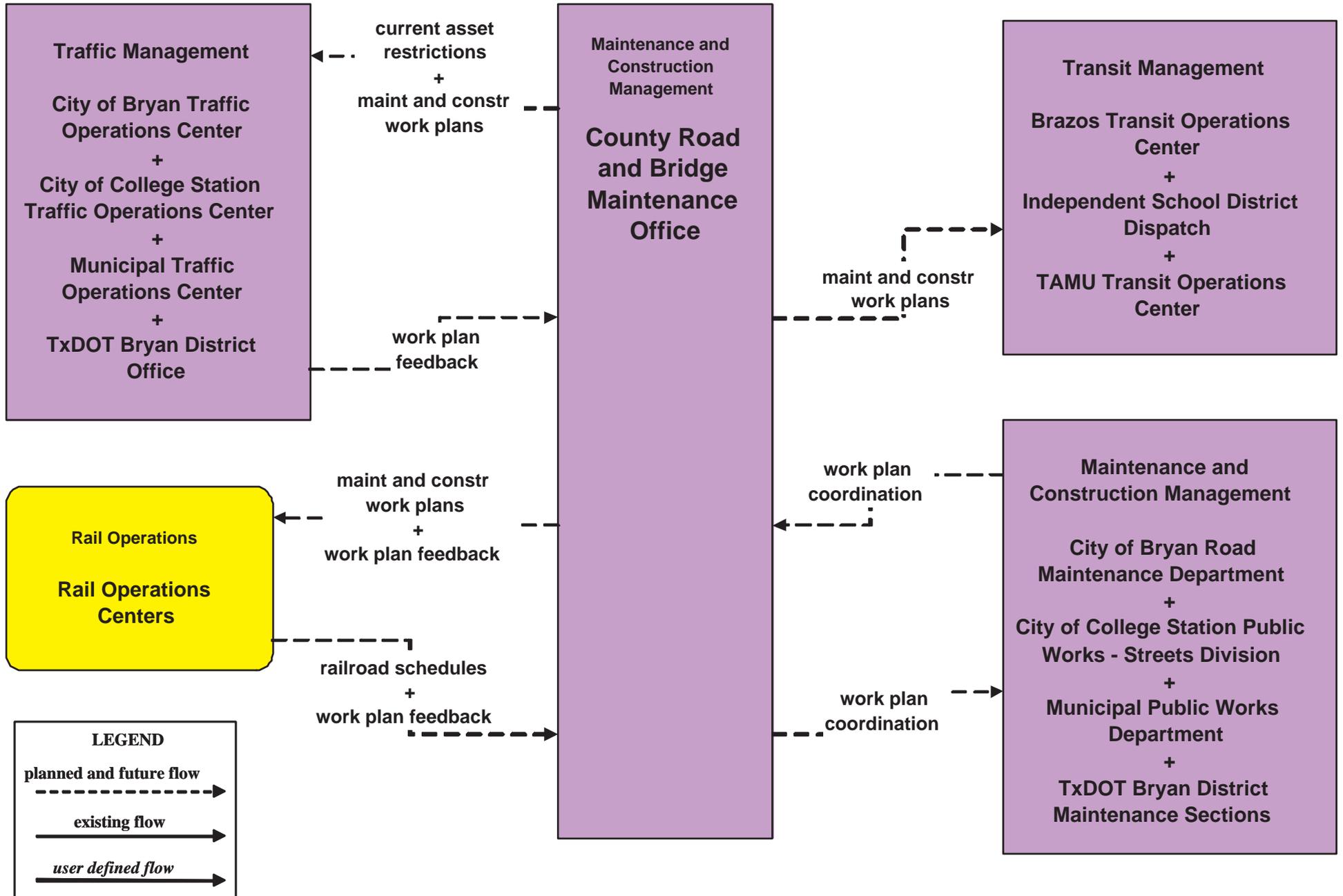
LEGEND

planned and future flow

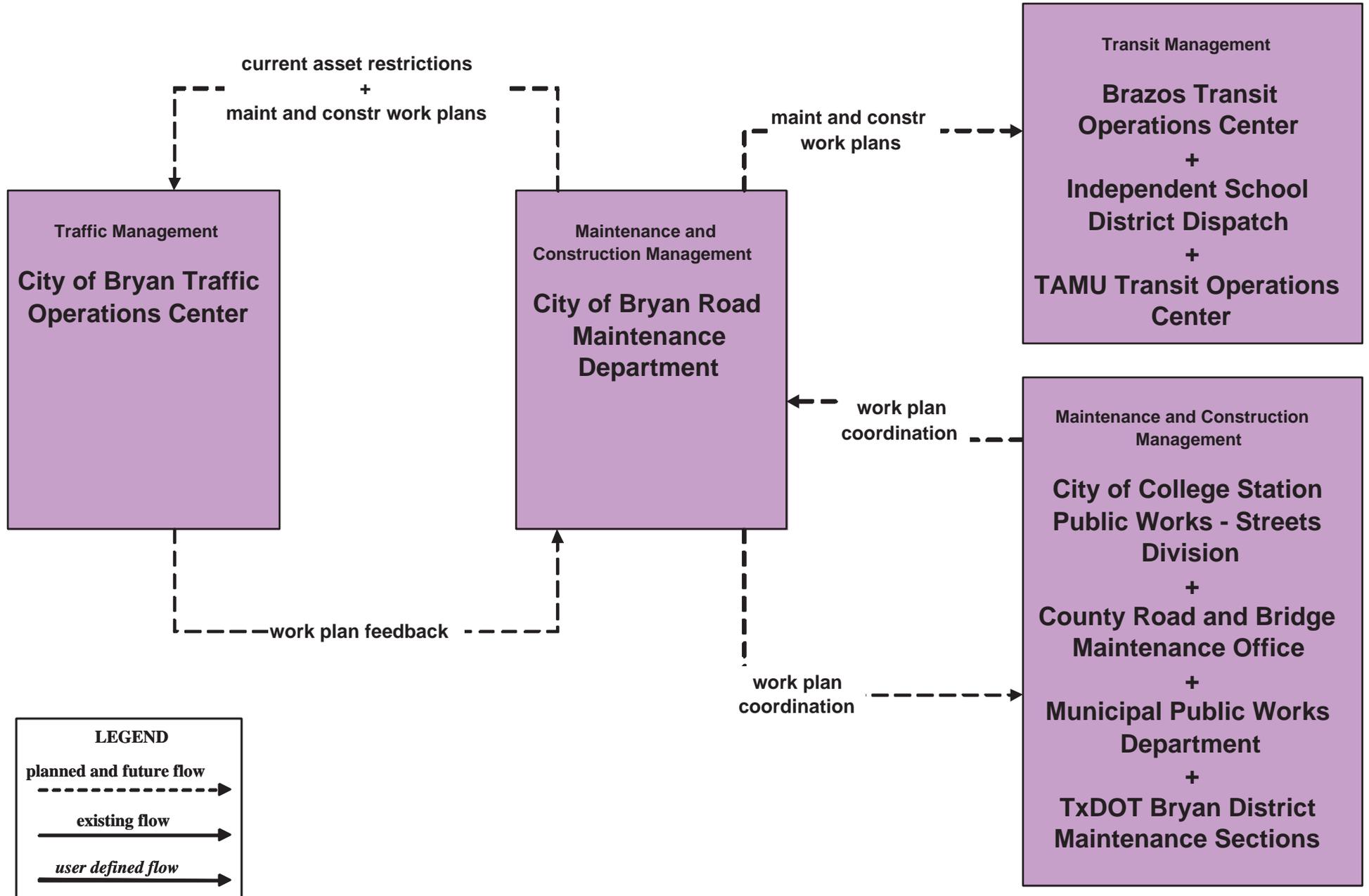
existing flow

user defined flow

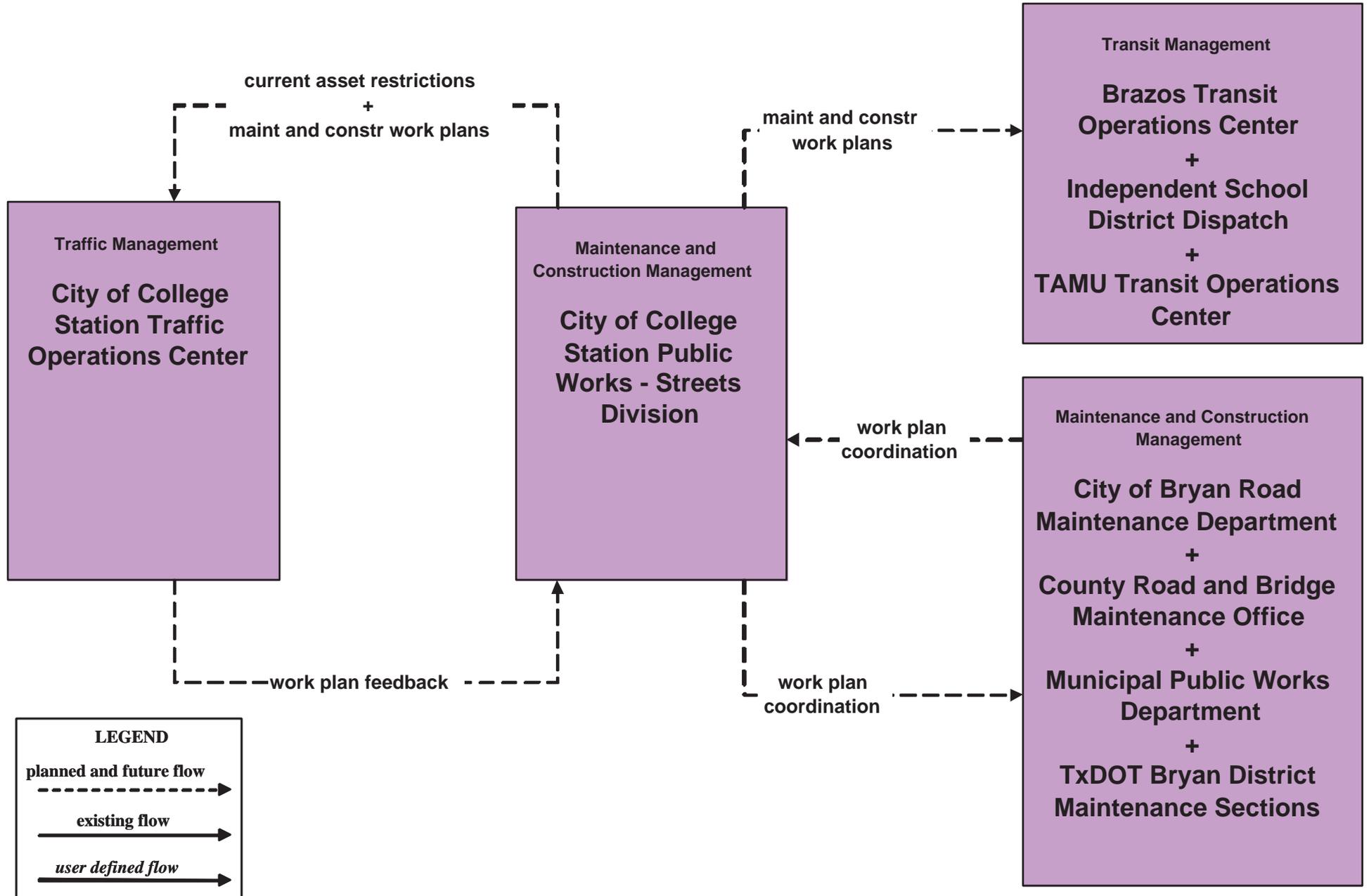
MC10 - Maintenance and Construction Activity Coordination County Road and Bridge Maintenance



**MC10 - Maintenance and Construction Activity Coordination
City of Bryan Maintenance**



**MC10 - Maintenance and Construction Activity Coordination
City of College Station Maintenance**



**MC10 - Maintenance and Construction Activity Coordination
Municipal Public Works Departments**

