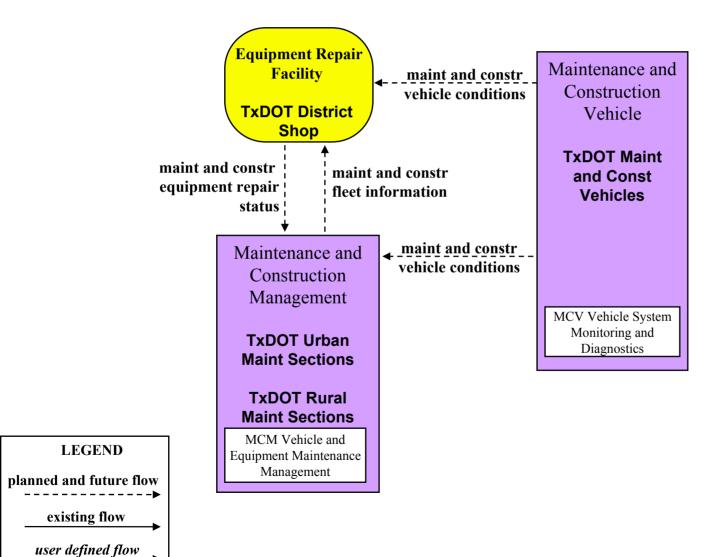
Amarillo, TX Regional ITS Architecture Customized Market Package Diagrams

Maintenance and Construction (MC)

MC01/02 – Maintenance and Construction Vehicle Tracking/Maintenance TxDOT Urban/ Rural Maintenance Sections



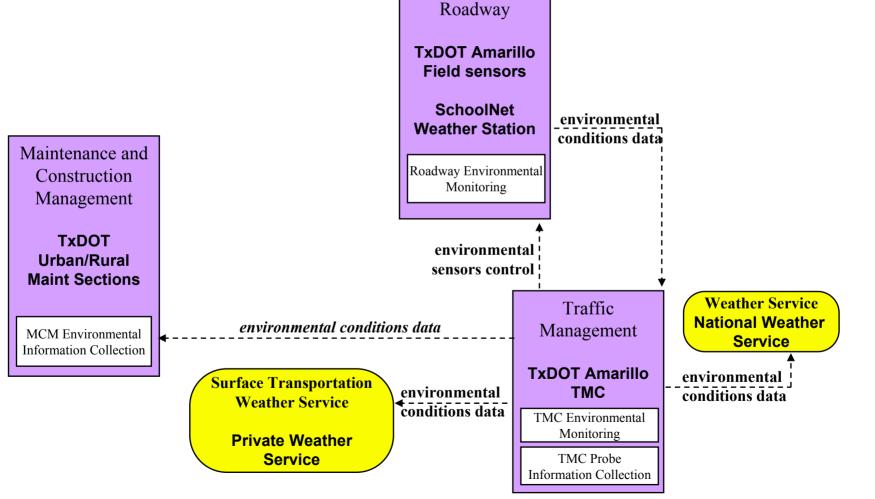
MC03 – Road Weather Data Collection TxDOT Amarillo TMC

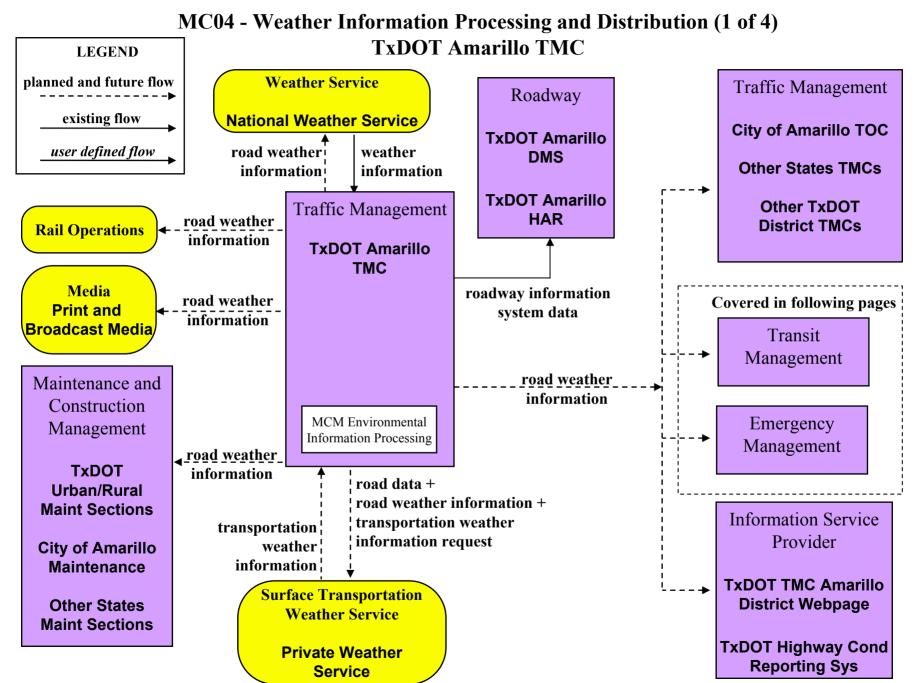
LEGEND

planned and future flow

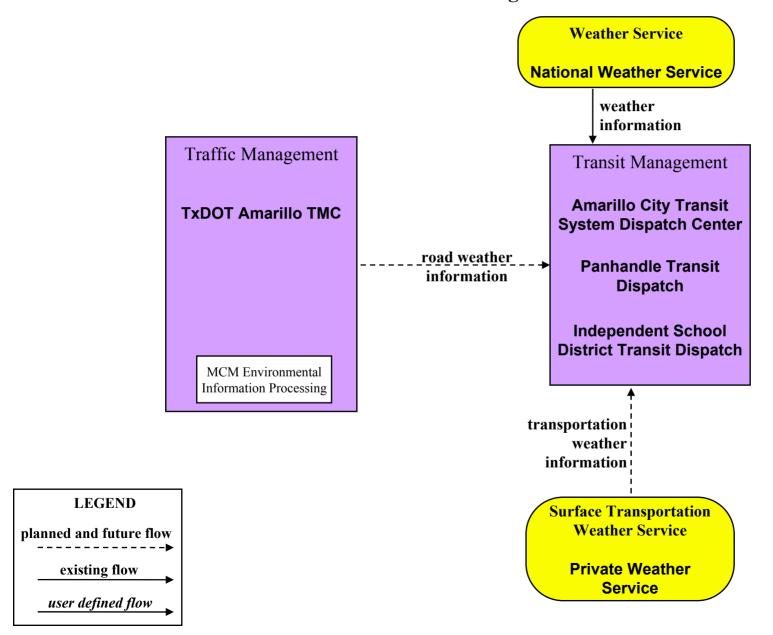
existing flow

user defined flow

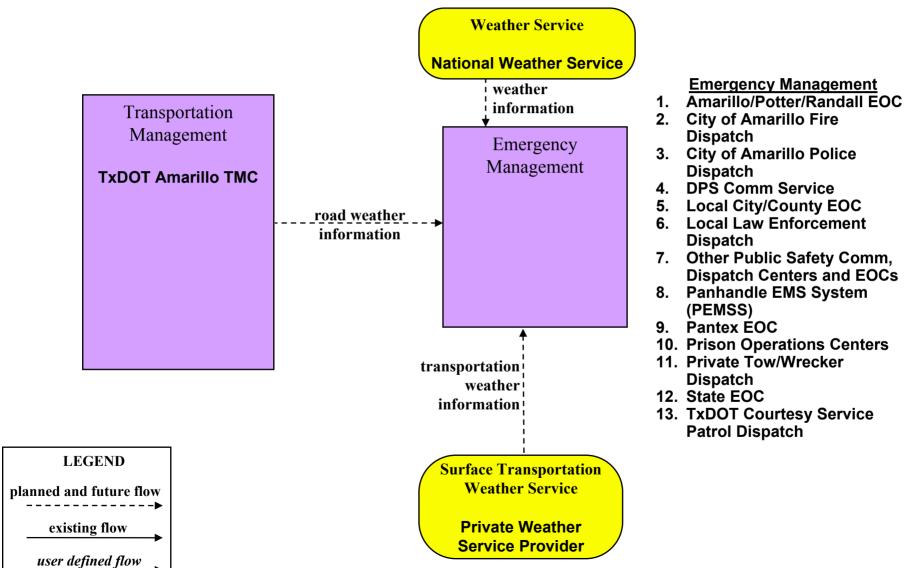




MC04 - Weather Information Distribution (2 of 4) Transit Management



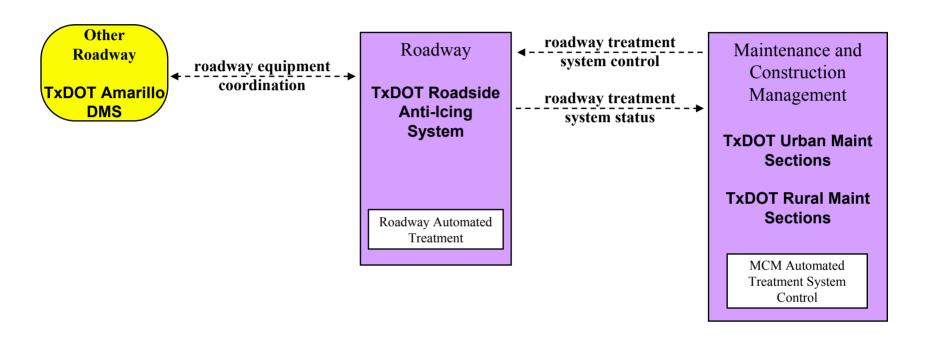
MC04 - Weather Information Distribution (3 of 4) Emergency Management

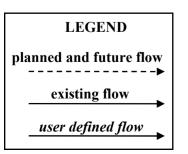


MC04 - Weather Information Distribution (4 of 4) Emergency Management Details

	TxDOT Amarillo TMC	National Weather Service	Private Weather Service Provider
ARCHITECTURE FLOW →	road weather information	weather information	transportation weather information
Emergency Management Center			
Amarillo/Potter/Randall EOC	V	√	√
City of Amarillo Fire Dispatch	V		
City of Amarillo Police Dispatch	√		
DPS Comm Service	√	√	V
Local City/County EOC	√	√	1
Local Law Enforcement Dispatch	√		
Other Public Safety Comm, Dispatch Centers and EOCs	√		
Panhandle EMS System (PEMSS)	√	√	√
Pantex EOC	√	√	1
Prison Operations Centers	√		V
Private Tow/Wrecker Dispatch	√		
State EOC	√		
TxDOT Courtesy Service Patrol Dispatch	√		

MC05 - Roadway Automated Treatment TxDOT Urban and Rural Maintenance Sections





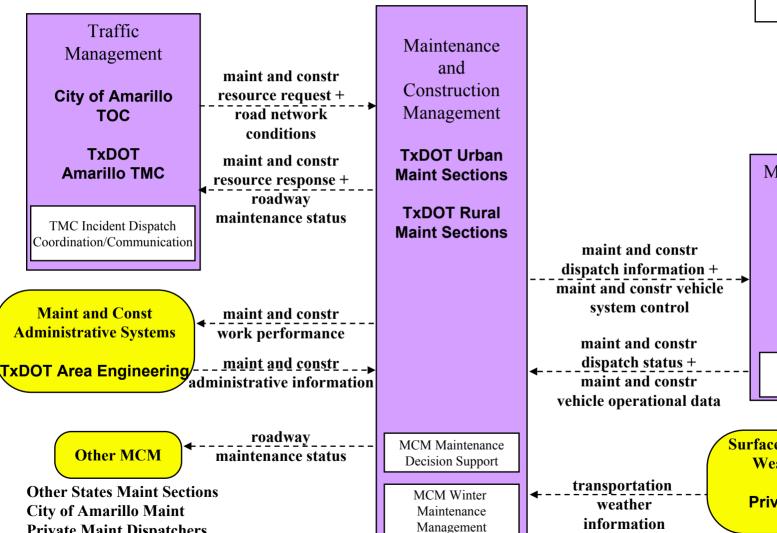
MC06 - Winter Maintenance TxDOT Urban and Rural Maintenance Sections (1 of 4)

LEGEND

planned and future flow

existing flow

user defined flow



Private Maint Dispatchers County Road and Bridge Maintenance and Construction Vehicle

TxDOT Maint and Const Vehicles

MCV Winter Maintenance

Surface Transportation
Weather Service

Private Weather Service

MC06 - Winter Maintenance City of Amarillo Maintenance (2 of 4)

Management

LEGEND

planned and future flow

existing flow

user defined flow

Maintenance and

Construction

Vehicle

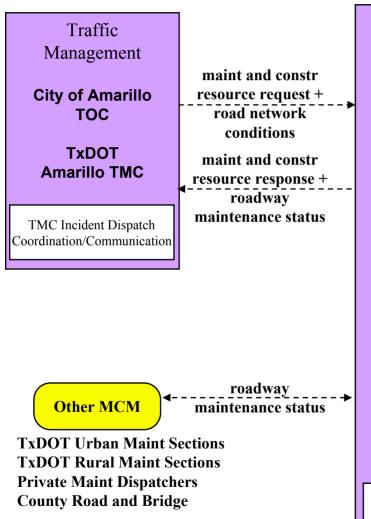
City of Amarillo

Maintenance

Vehicles

MCV Winter

Maintenance



Maintenance and Construction Management **City of Amarillo Maintenance** maint and constr dispatch information + maint and constr vehicle system control maint and constr dispatch status + maint and constr vehicle operational data transportation MCM Winter weather Maintenance

information

Surface Transportation Weather Service

Private Weather Service

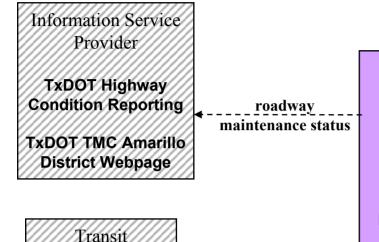
MC06 - Winter Maintenance (3 of 4)

LEGEND

planned and future flow

existing flow

user defined flow



roadway

maintenance status

Management

Amarillo City

Transit Dispatch

Center

Panhandle

Transit Dispatch

Independent

School District

Transit Dispatch

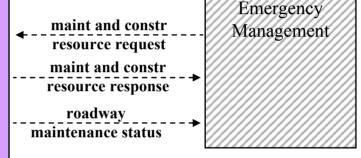
Maintenance and Construction Management

TxDOT Urban Maint Sections

TxDOT Rural Maint Sections

MCM Maintenance Decision Support

> MCM Winter Maintenance Management

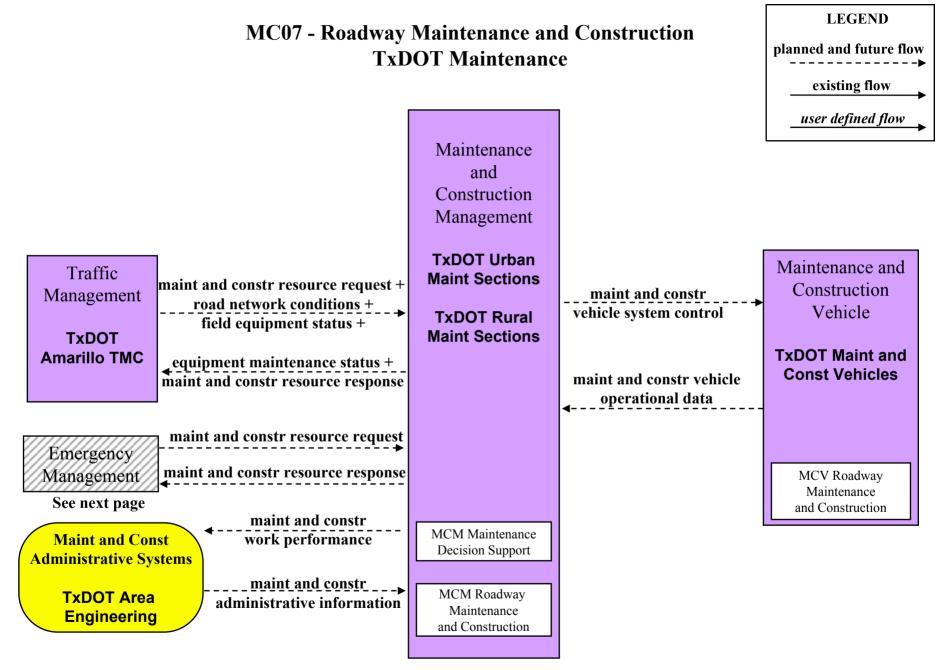


Emergency Management (see following page for details)

- 1. Amarillo/Potter/Randall EOC
- 2. City of Amarillo Fire Dispatch
- 3. City of Amarillo Police Dispatch
- 4. DPS Comm Service
- 5. Local City/County EOC
- 6. Local Law Enforcement Dispatch
- 7. Other Public Safety Comm, Dispatch Centers and EOCs
- 8. Panhandle EMS System (PEMSS)
- 9. Pantex EOC
- 10. Prison Operations Centers
- 11. State EOC
- 12. TxDOT Courtesy Service Patrol Dispatch

MC06 – Winter Maintenance (EM to MCMS – 4 of 4)

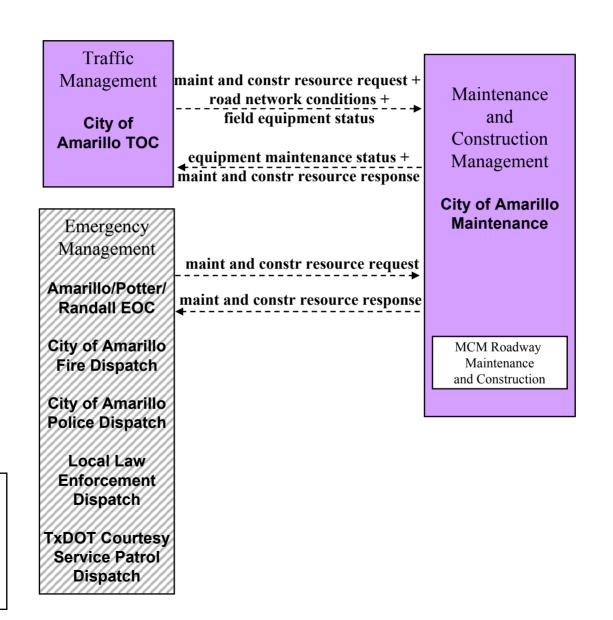
	TxDOT Urban Maint Sections		TxDOT Rural Maint Sections	
ARCHITECTURE FLOW →	resource request+ resource response	roadway maintenance status	resource request+ resource response	roadway maintenance status
Emergency Management Center				
Amarillo/Potter/Randall EOC	√	√	√	√
City of Amarillo Fire Dispatch	√	√	√	√
City of Amarillo Police Dispatch	√	√	√	√
DPS Comm Service	√	√	√	√
Local City/County EOC	√	√	√	√
Local Law Enforcement Dispatch	√	√	√	√
Other Public Safety Comm, Dispatch Centers and EOCs		√		
Panhandle EMS System (PEMSS)	√	√		
Pantex EOC				
Prison Operations Centers				
Private Tow/Wrecker Dispatch	√	1	√	1
Private Vehicle Emergency Systems				
State EOC	√	1		
TxDOT Courtesy Service Patrol Dispatch	√	√		



MC07 – Roadway Maintenance (EM to MCMS)

	TxDOT Urban Maint Sections	TxDOT Rural Maint Sections
ARCHITECTURE FLOW →	resource request + resource response	resource request + resource response
Emergency Management Center		
Amarillo/Potter/Randall EOC	√	V
City of Amarillo Fire Dispatch	√	√
City of Amarillo Police Dispatch	√	√
DPS Comm Service	√	√
Local City/County EOC	√	√
Local Law Enforcement Dispatch	√	√
Panhandle EMS System (PEMSS)	√	
Private Tow/Wrecker Dispatch	√	√
State EOC	√	

MC07 - Roadway Maintenance and Construction City of Amarillo Maintenance

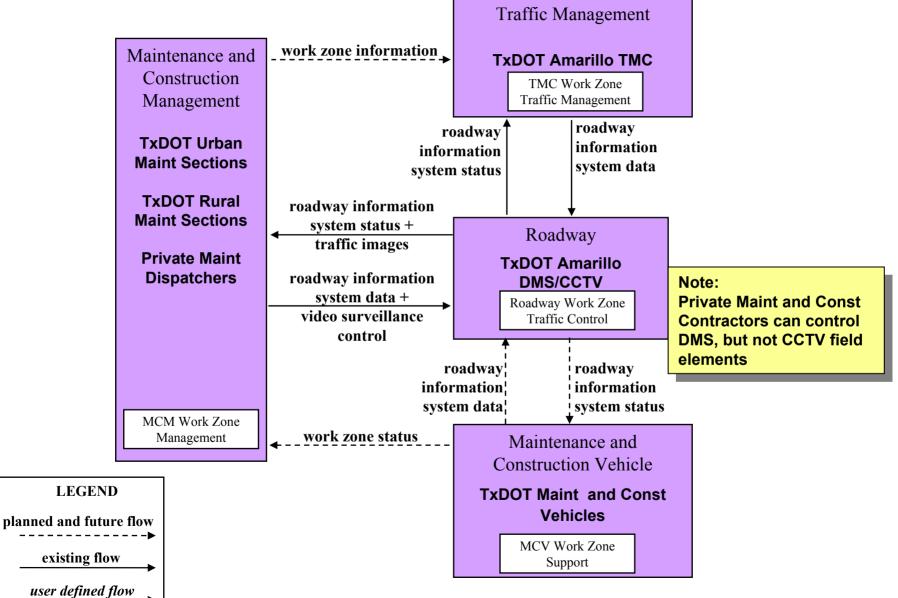


existing flow

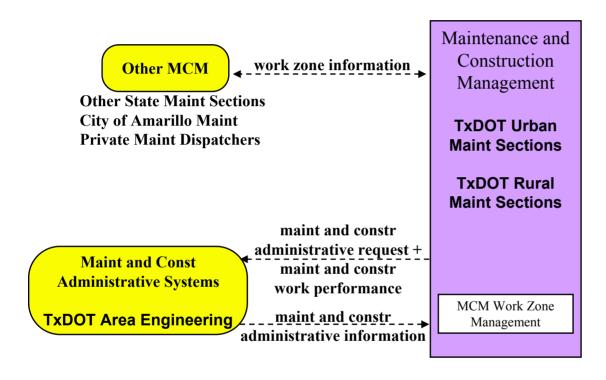
user defined flow

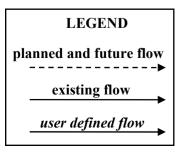
LEGEND

MC08 - Work Zone Management TxDOT Maintenance/Construction



MC08 - Work Zone Management TxDOT Maintenance- Work Zone Info Distribution



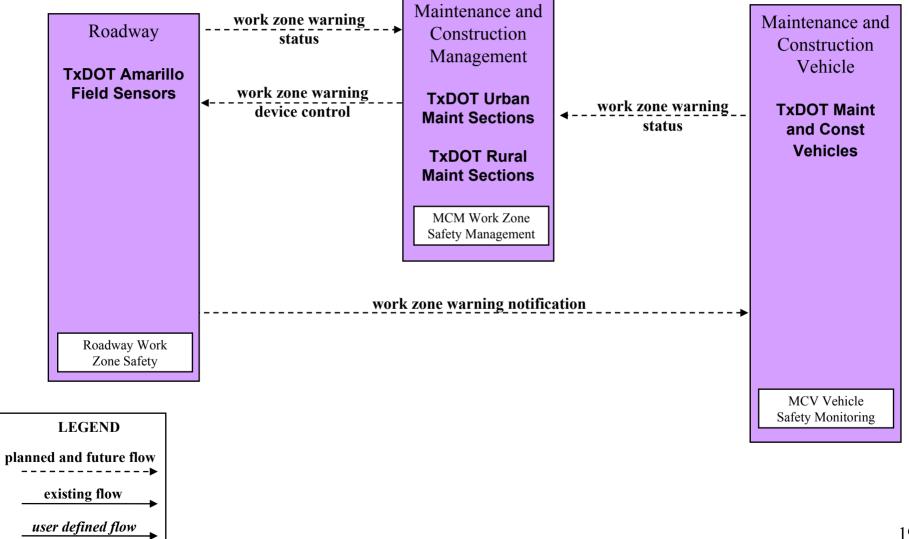


MC08 - Work Zone Management TxDOT Maintenance - Work Zone Info Distribution to EM

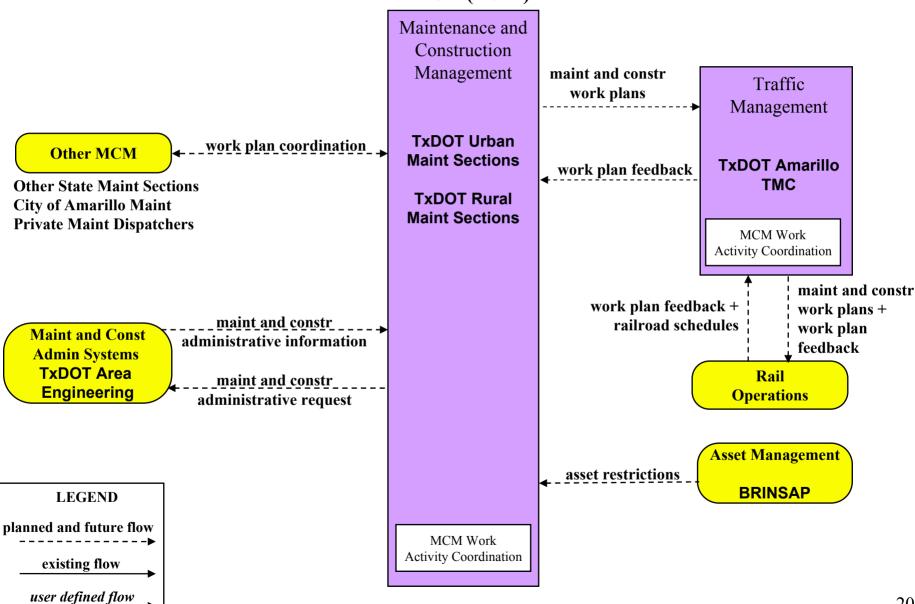
	TxDOT Amarillo TMC	City of Amarillo TOC
ARCHITECTURE FLOW* →	work zone information	work zone information
Emergency Management Center		
Amarillo/Potter/Randall EOC	V	√
City of Amarillo Fire Dispatch	√	√
City of Amarillo Police Dispatch	√	√
DPS Comm Service	√	√
Local City/County EOC	√	√
Local Law Enforcement Dispatch	√	√
Other Public Safety Comm, Dispatch Centers and EOCs	√	√
Panhandle EMS System (PEMSS)	√	√
Pantex EOC	√	√
Prison Operations Centers	√	√
Private Tow/Wrecker Dispatch	√	√
Private Vehicle Emergency Systems	√	√
State EOC	√	
TxDOT Courtesy Service Patrol Dispatch	√	√

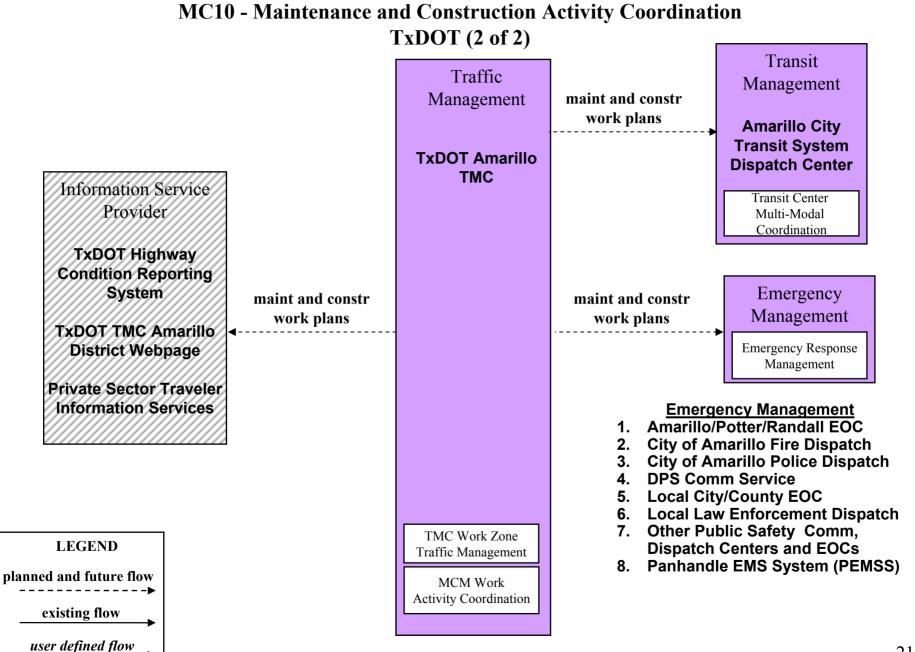
^{*} All Future

MC09 - Work Zone Safety Monitoring TxDOT Urban/Rural Work Zones

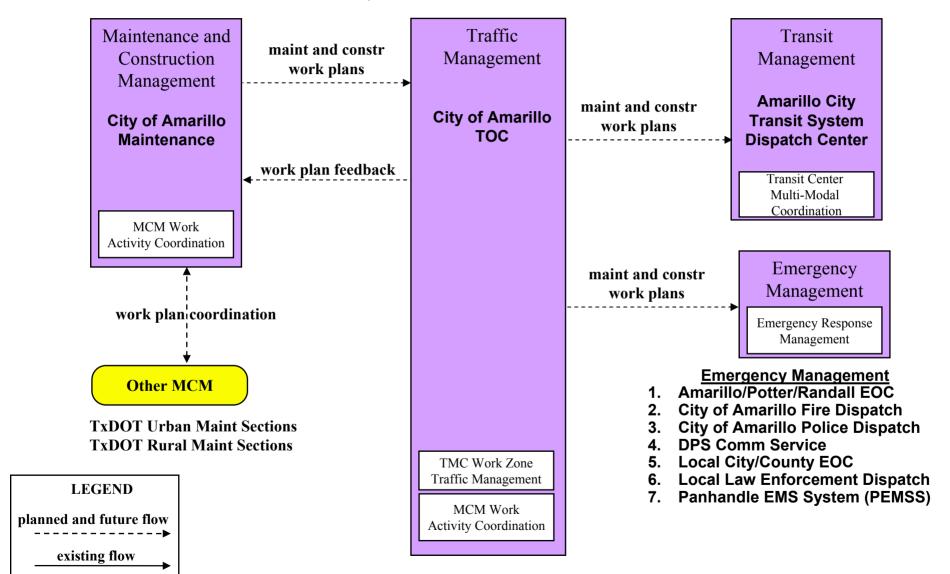


MC10 - Maintenance and Construction Activity Coordination **TxDOT (1 of 2)**





MC10 - Maintenance and Construction Activity Coordination City of Amarillo Maintenance



user defined flow