### ATMS08 - Incident Management

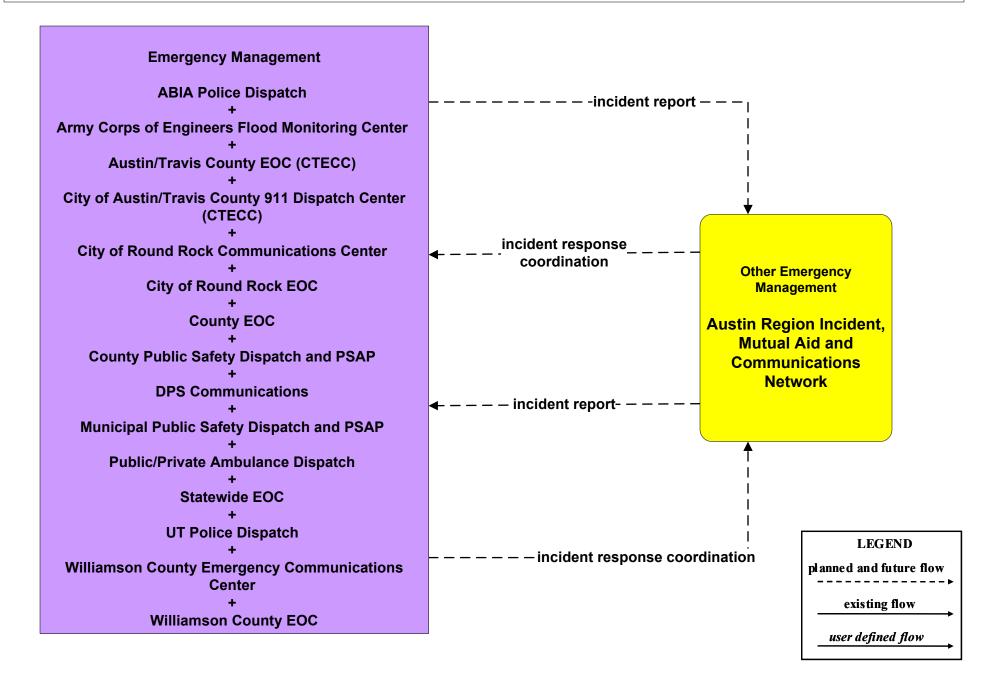
Emergency Management  $\leftarrow \rightarrow$  Maintenance and Construction Management

### **Austin Regional ITS Architecture**

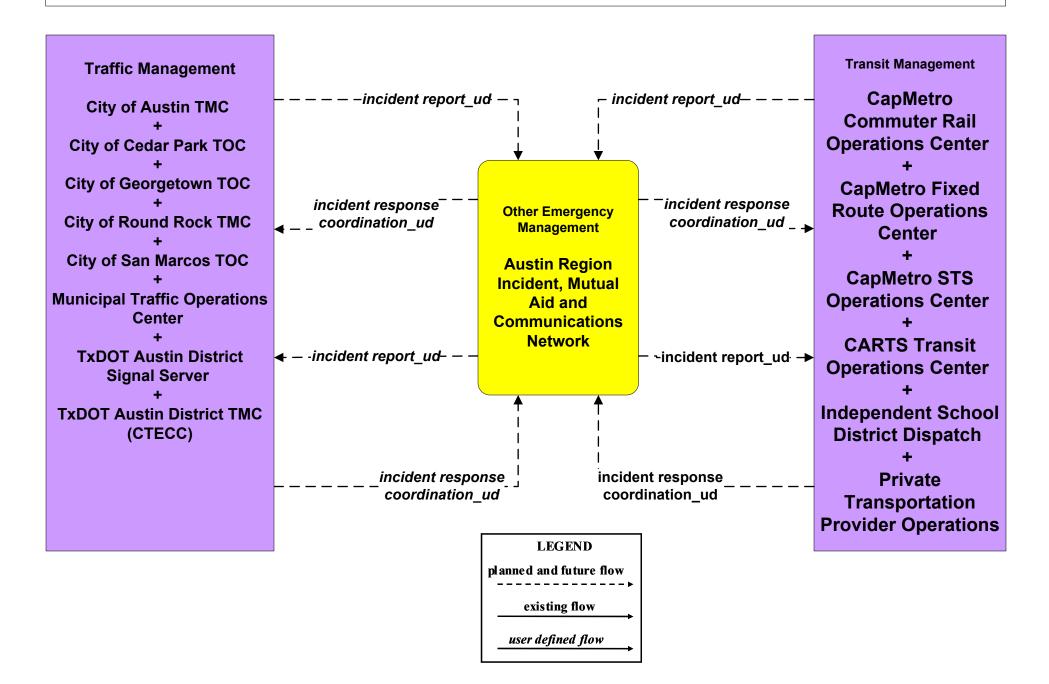
## **Customized Market Package Diagrams**

# **Emergency Management (EM)**

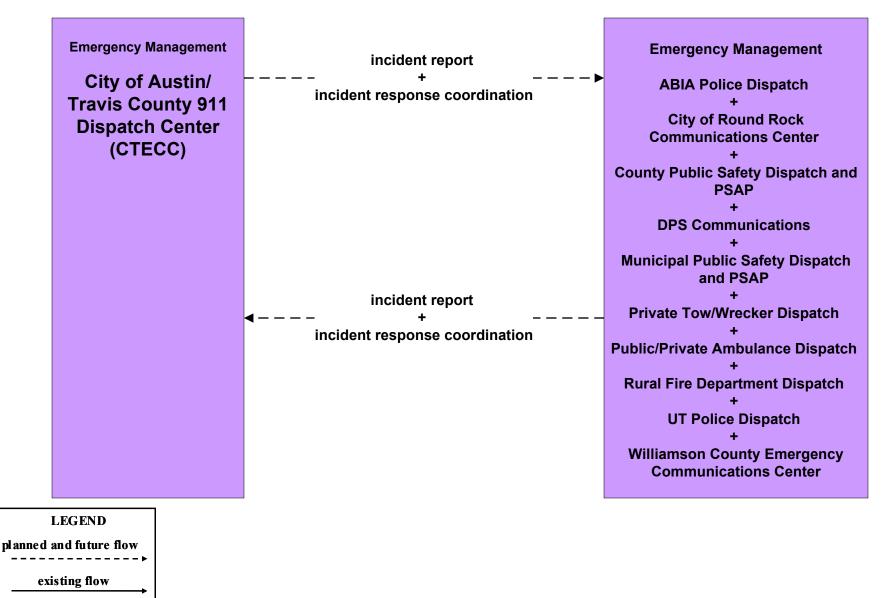
#### EM01 - Emergency Call-Taking and Dispatch (EM to Other EM)



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

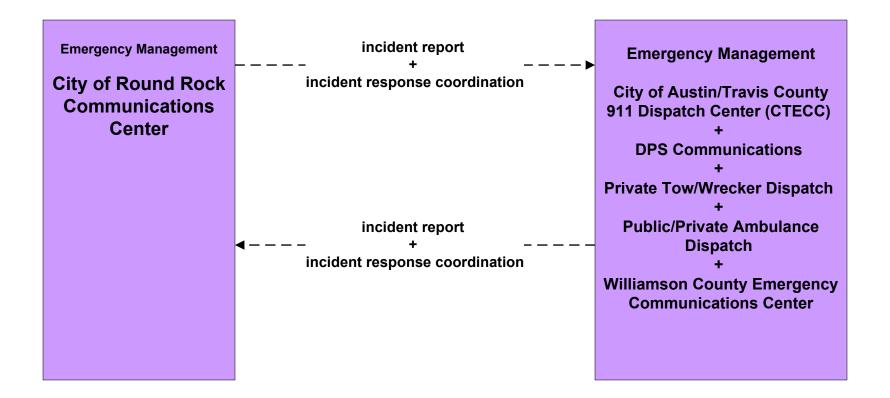


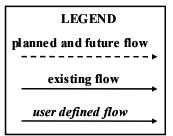
#### EM01 - Emergency Call-Taking and Dispatch City of Austin/Travis County 911 Dispatch Center (CTECC)



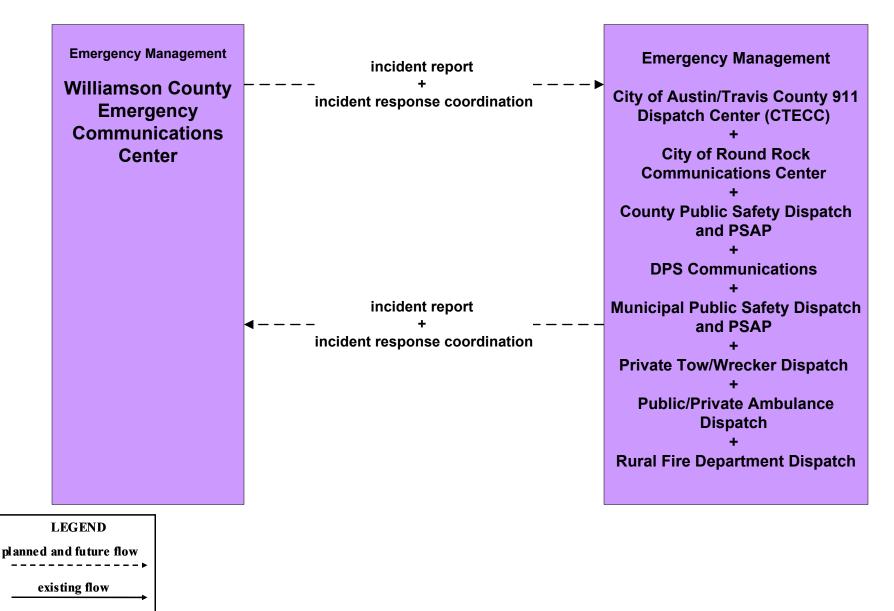
user defined flow

#### EM01 - Emergency Call-Taking and Dispatch City of Round Rock Communications Center



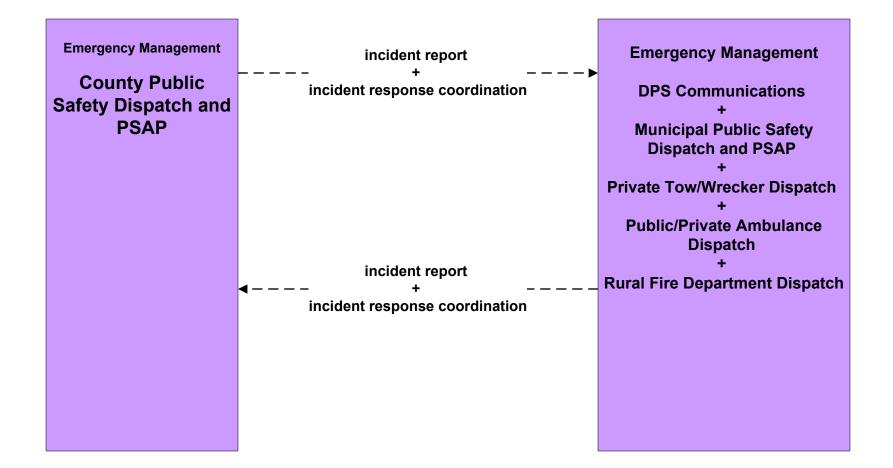


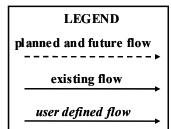
#### EM01 - Emergency Call-Taking and Dispatch Williamson County Emergency Communications Center



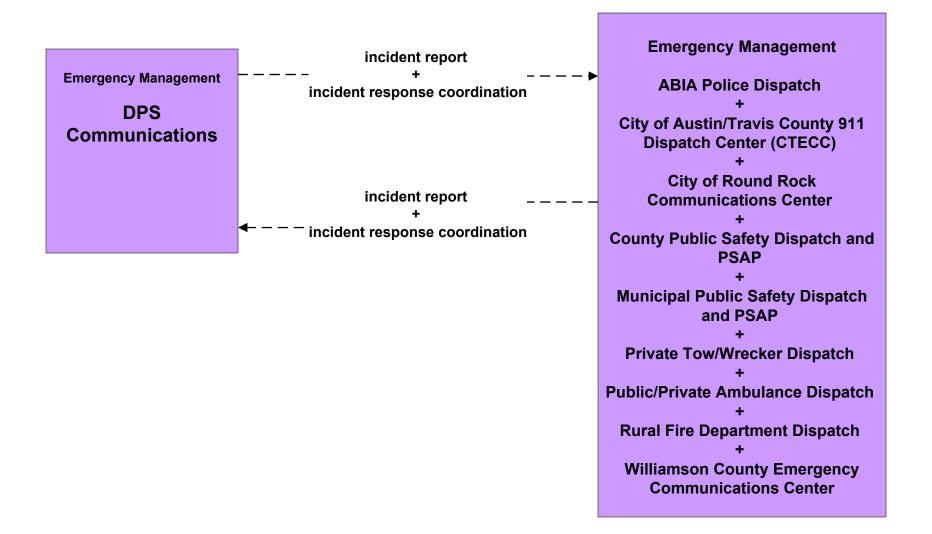
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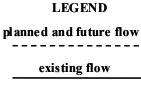
#### EM01 - Emergency Call-Taking and Dispatch County Public Safety and PSAP





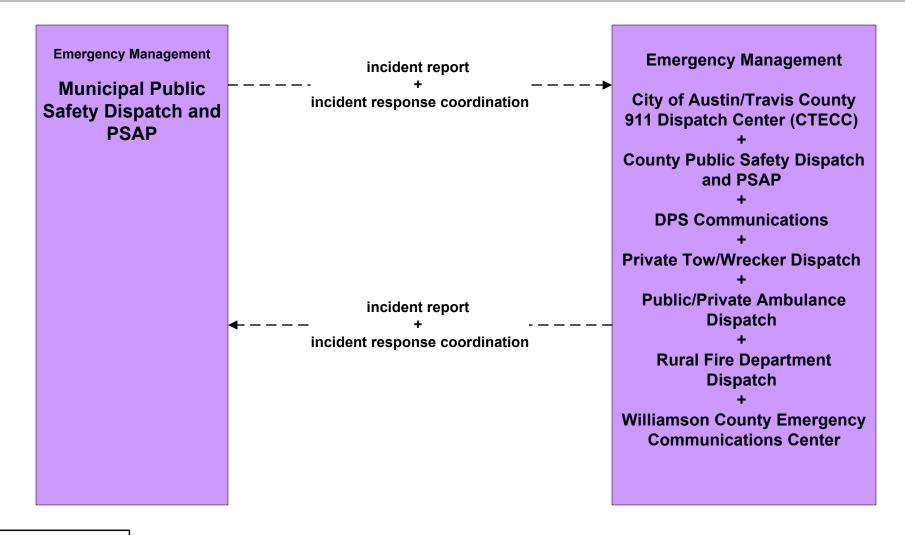
# EM01 - Emergency Call-Taking and Dispatch DPS

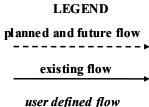




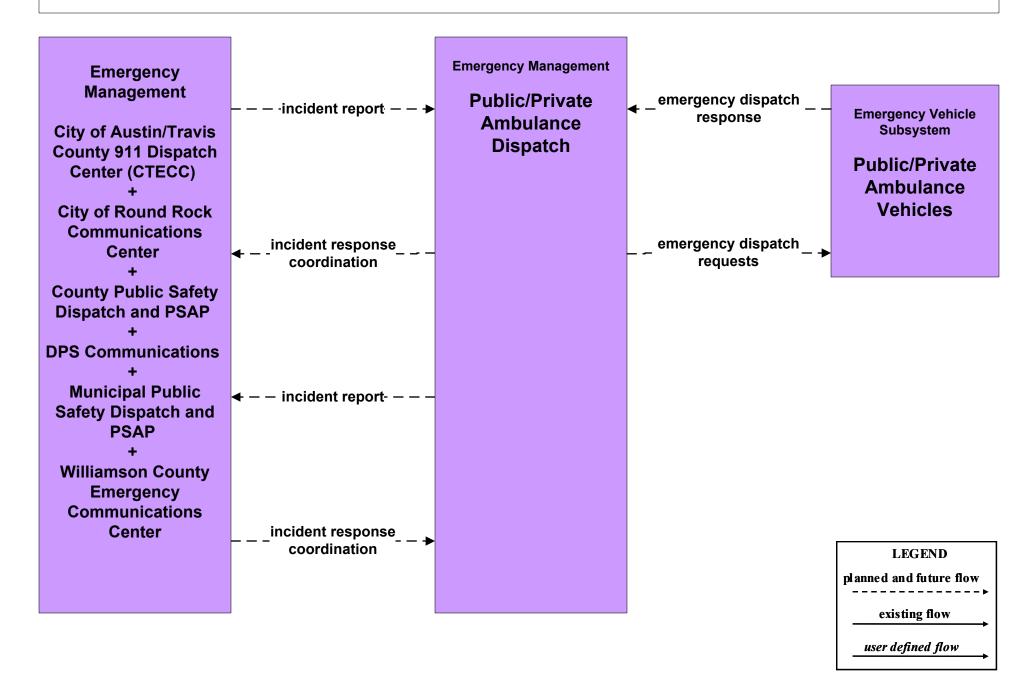
user defined flow

#### EM01 - Emergency Call-Taking and Dispatch Municipal Public Safety

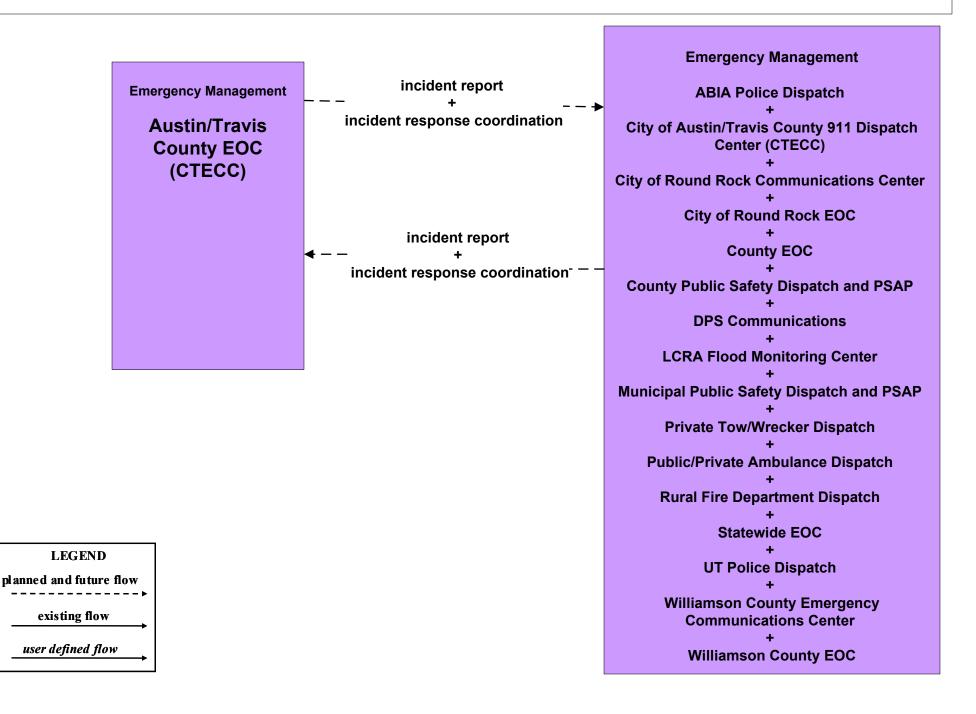




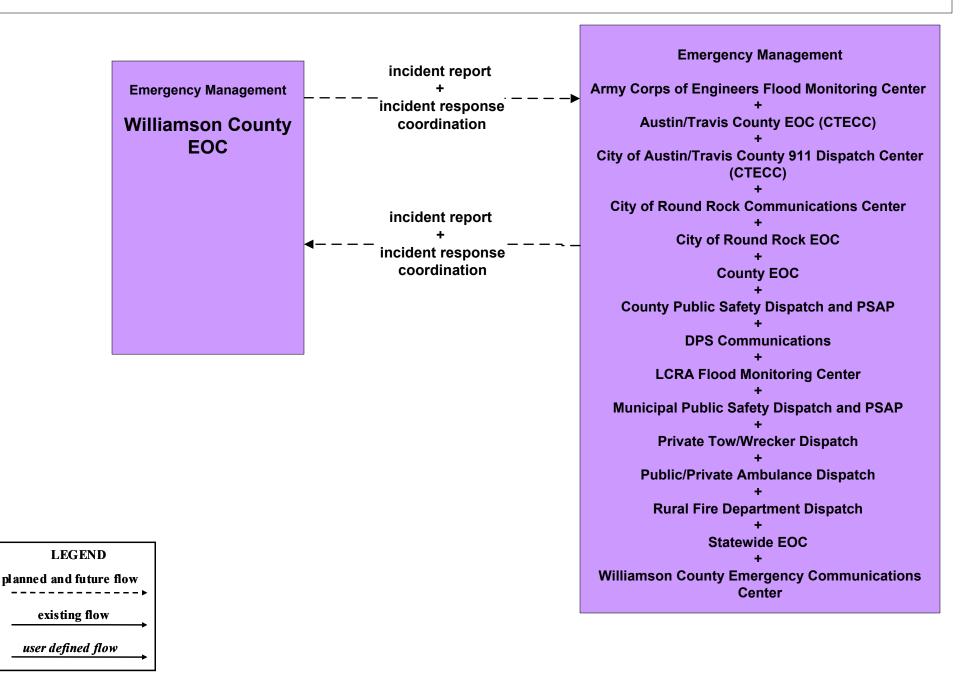
#### EM01 - Emergency Call-Taking and Dispatch Public/Private Ambulance Dispatch



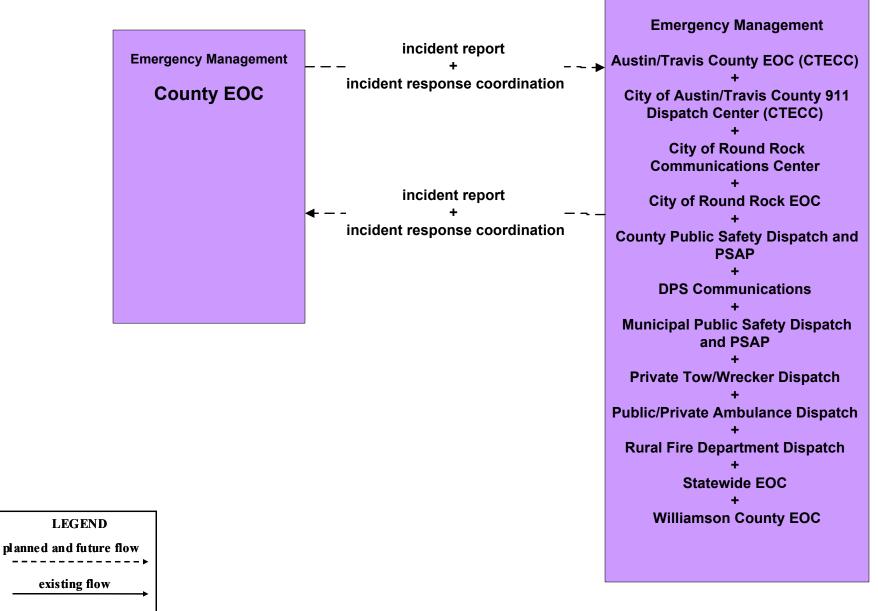
#### EM01 - Emergency Call-Taking and Dispatch Austin/Travis County EOC (CTECC)



#### EM01 - Emergency Call-Taking and Dispatch Williamson County EOC

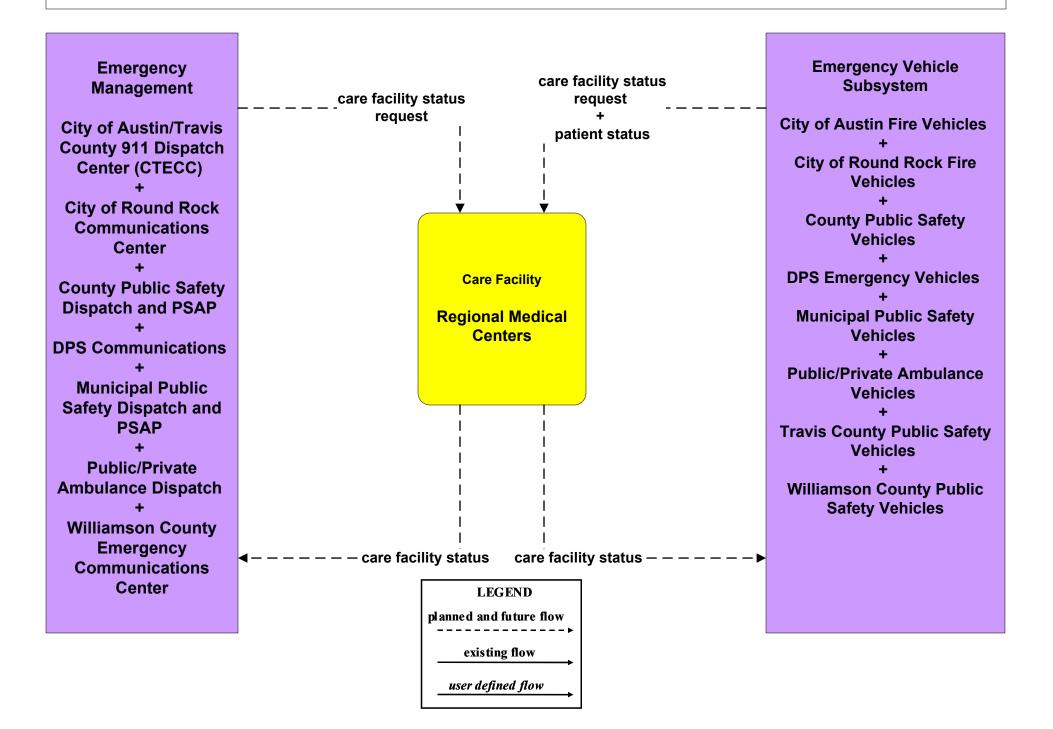


#### EM01 - Emergency Call-Taking and Dispatch County EOC

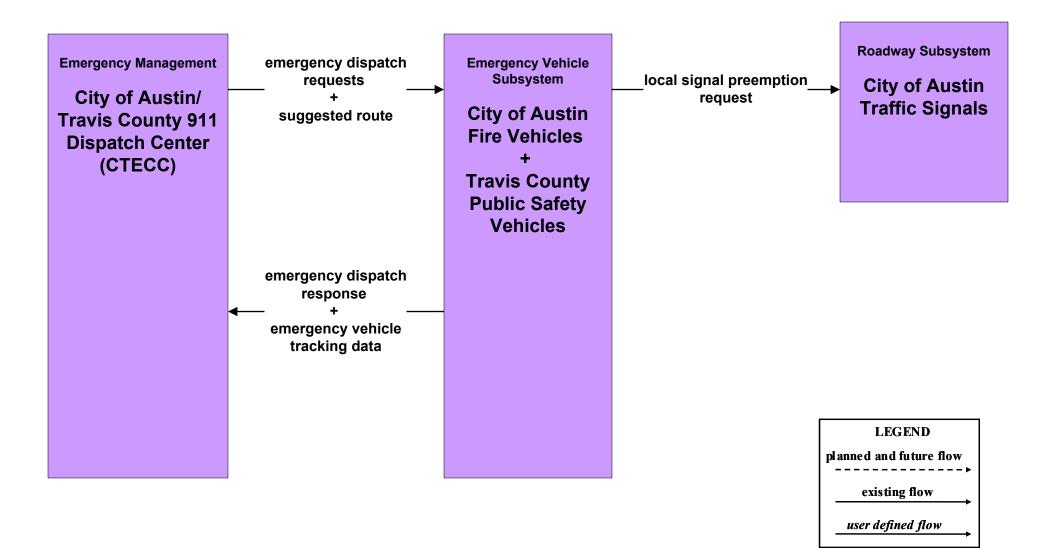


user defined flow

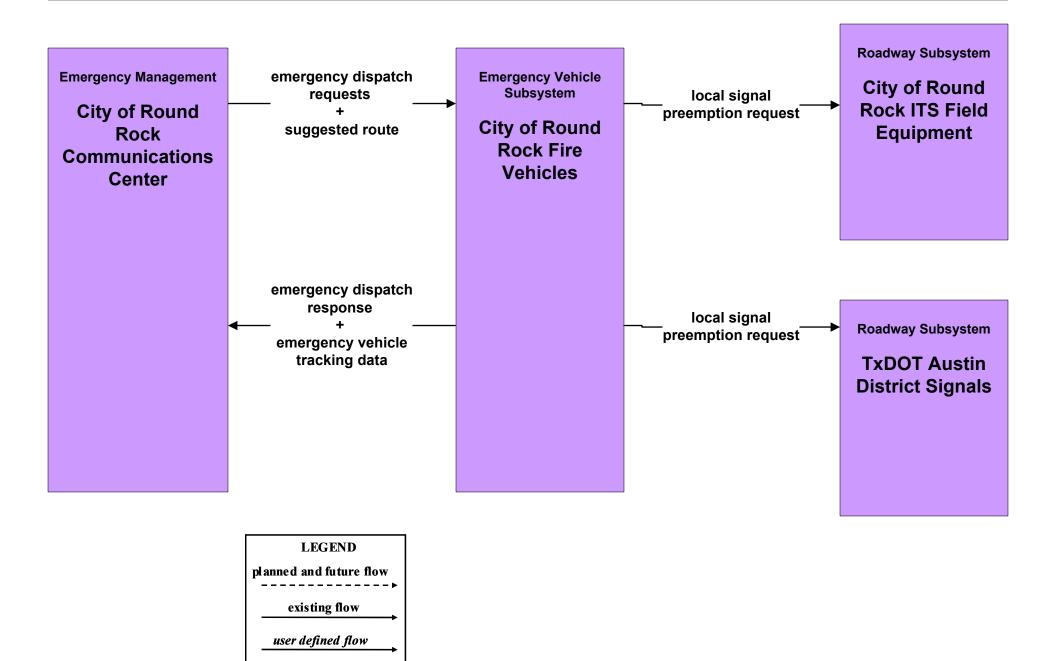
#### EM02 - Emergency Routing Regional Medical Center Coordination



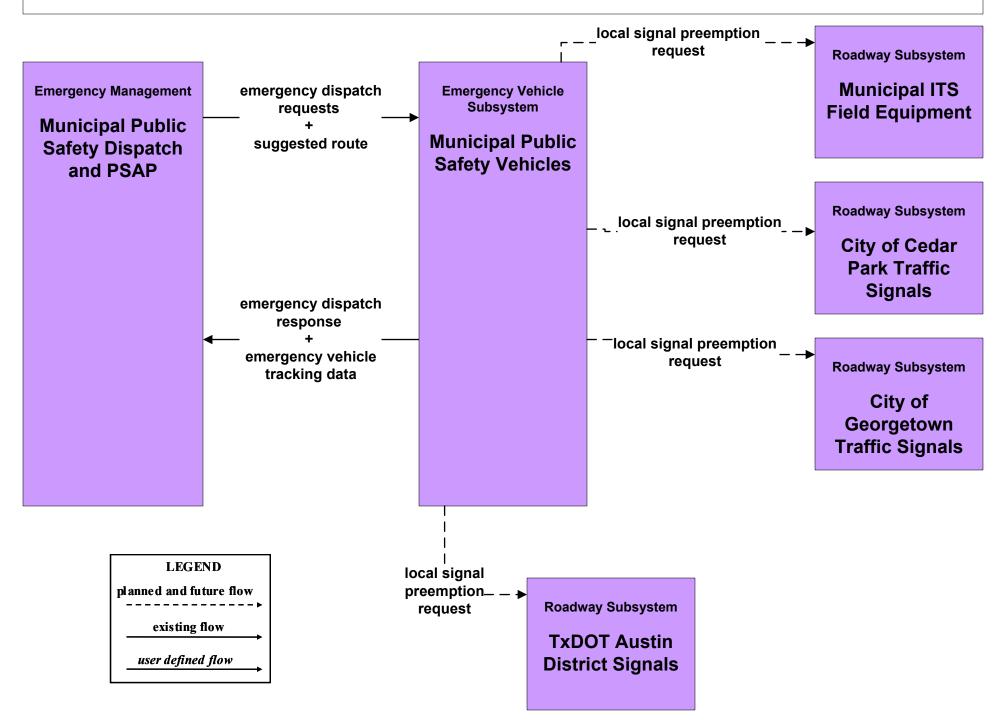
#### EM02 - Emergency Routing City of Austin Fire and Austin/Travis County EMS



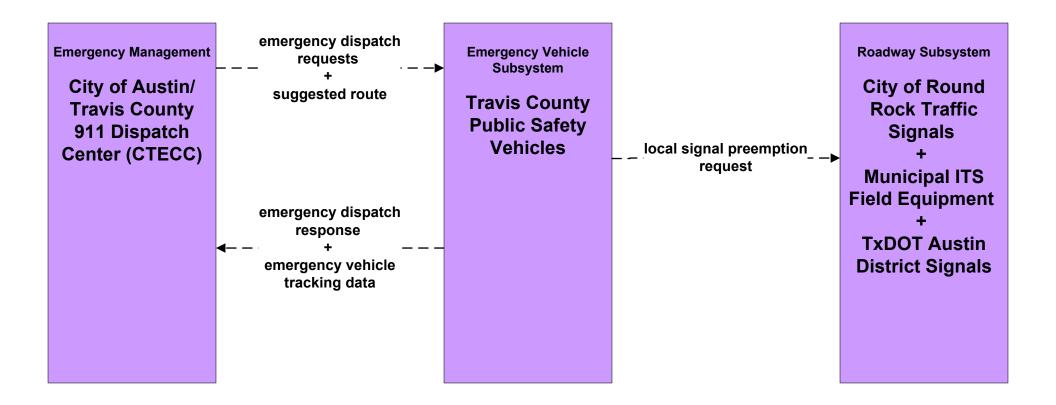
#### EM02 - Emergency Routing City of Round Rock Fire Vehicles

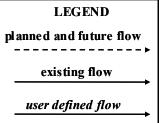


#### EM02 - Emergency Routing Municipal Public Safety Vehicles

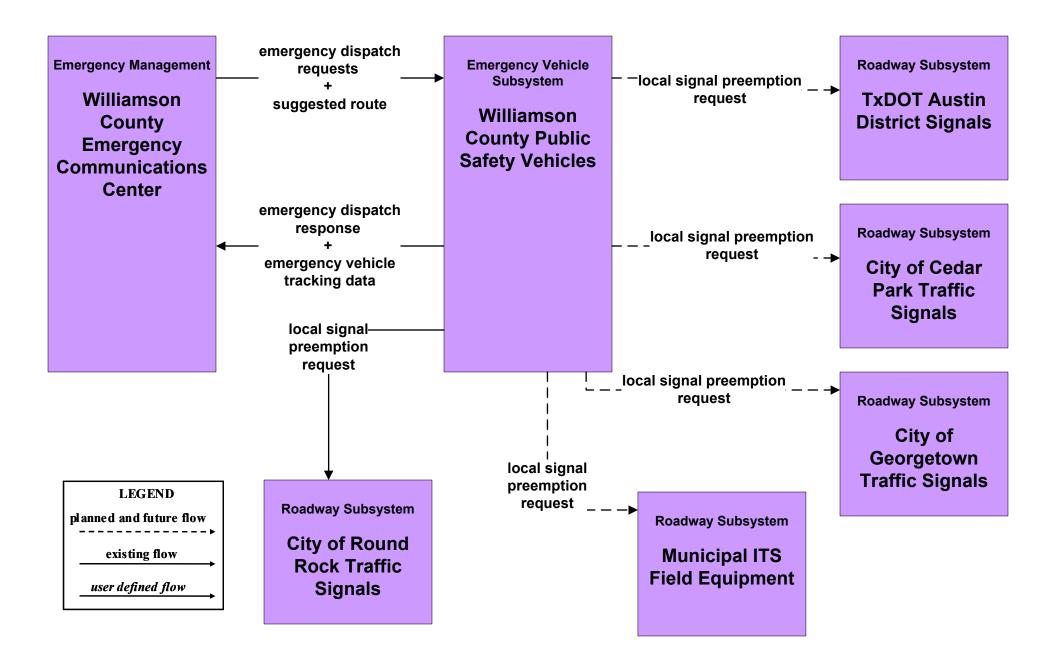


#### EM02 - Emergency Routing Travis County Public Safety Vehicles

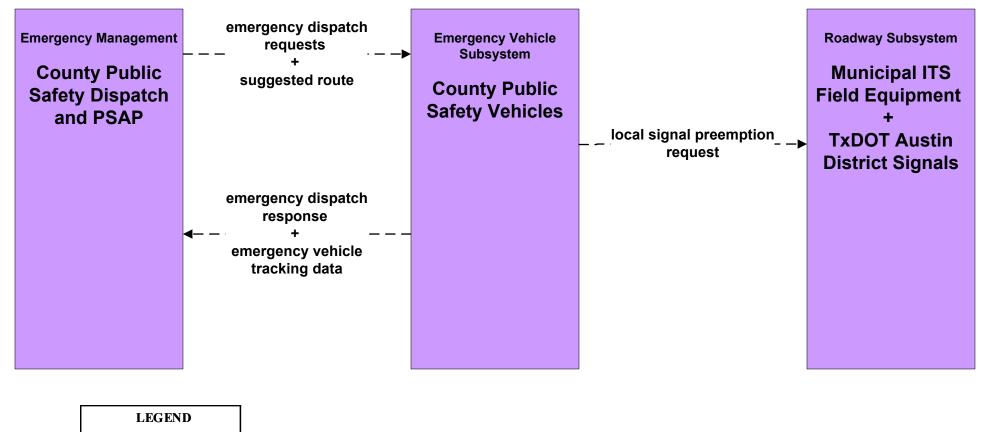




#### EM02 - Emergency Routing Williamson County Public Safety Vehicles



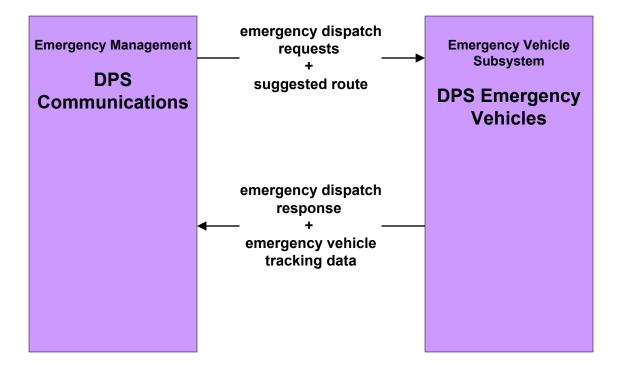
#### EM02 - Emergency Routing County Public Safety Vehicles

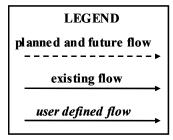


planned and future flow

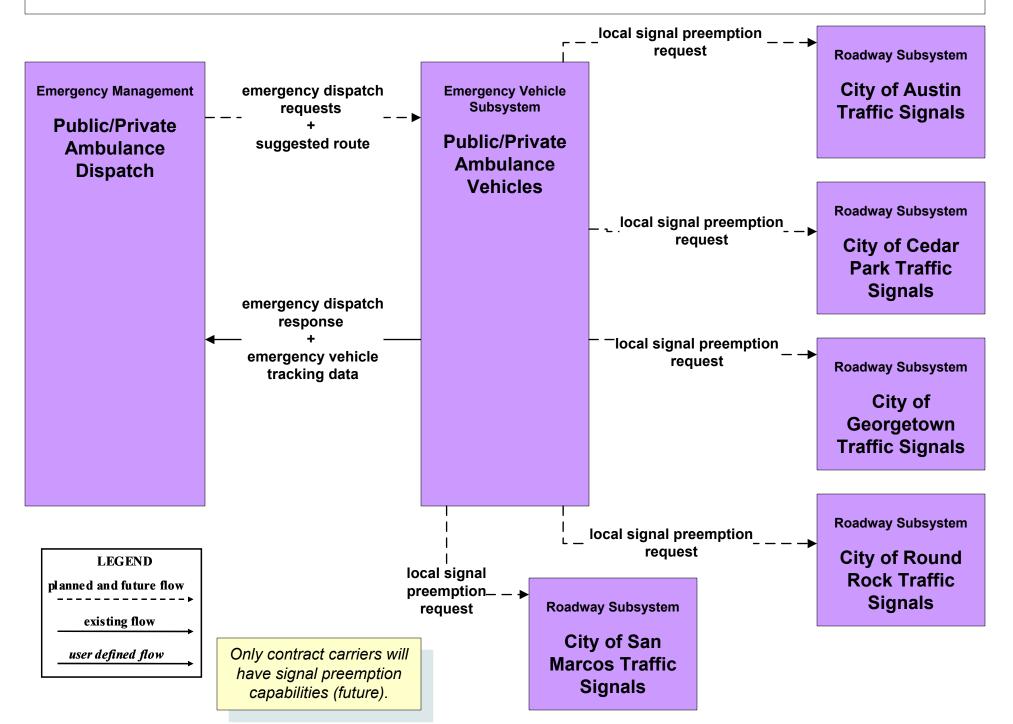
user defined flow

#### EM02 - Emergency Routing DPS Emergency Vehicles

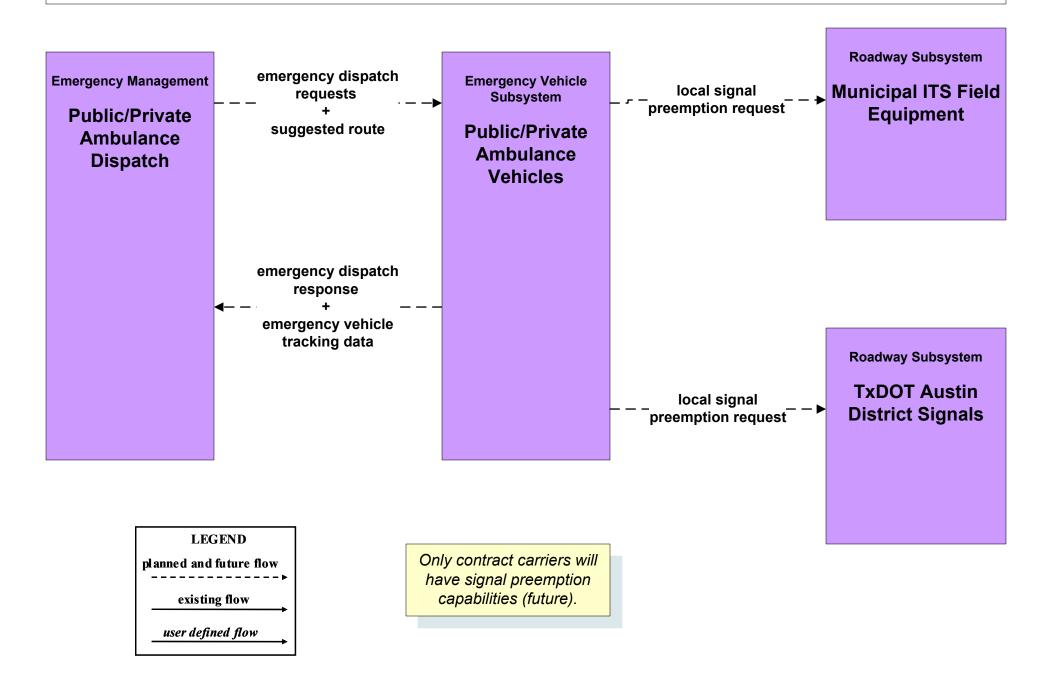




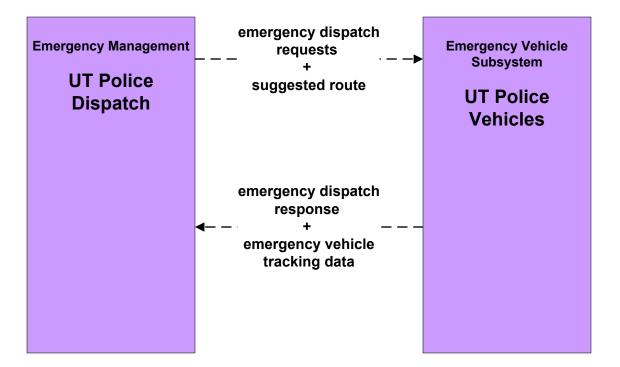
#### EM02 - Emergency Routing Public/Private Ambulance Vehicles (1 of 2)

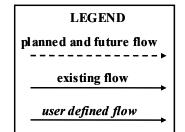


#### EM02 - Emergency Routing Public/Private Ambulance Vehicles (2 of 2)

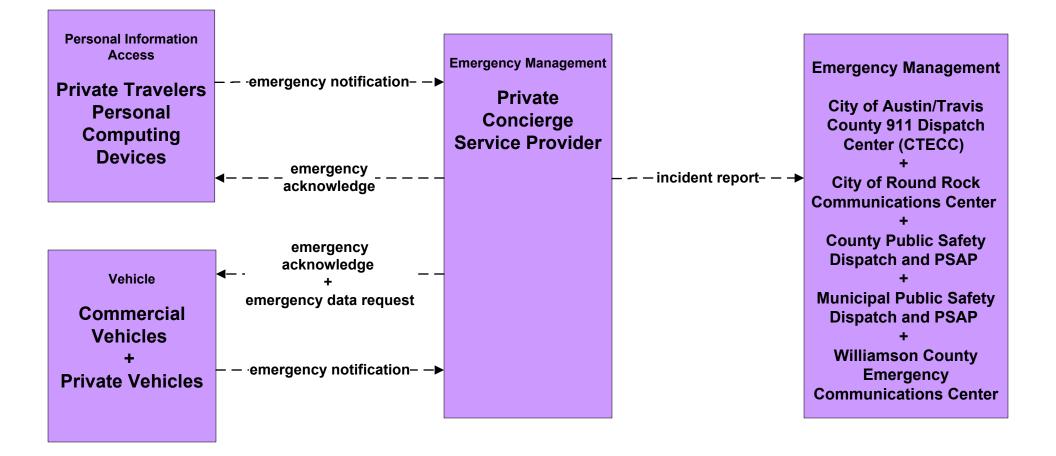


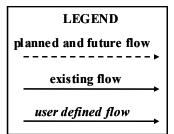
#### EM02 - Emergency Routing University of Texas Police Vehicles



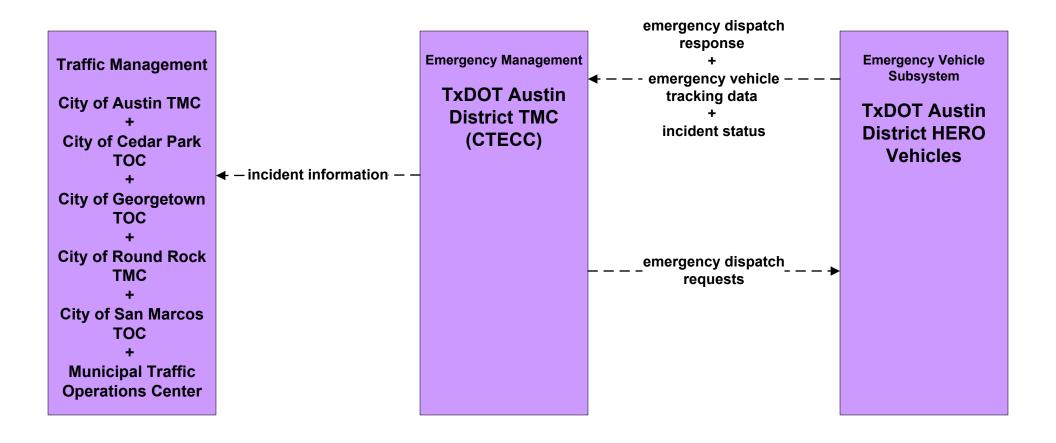


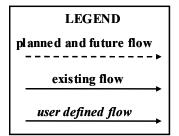
#### EM03 - Mayday Support Private Concierge Service Provider



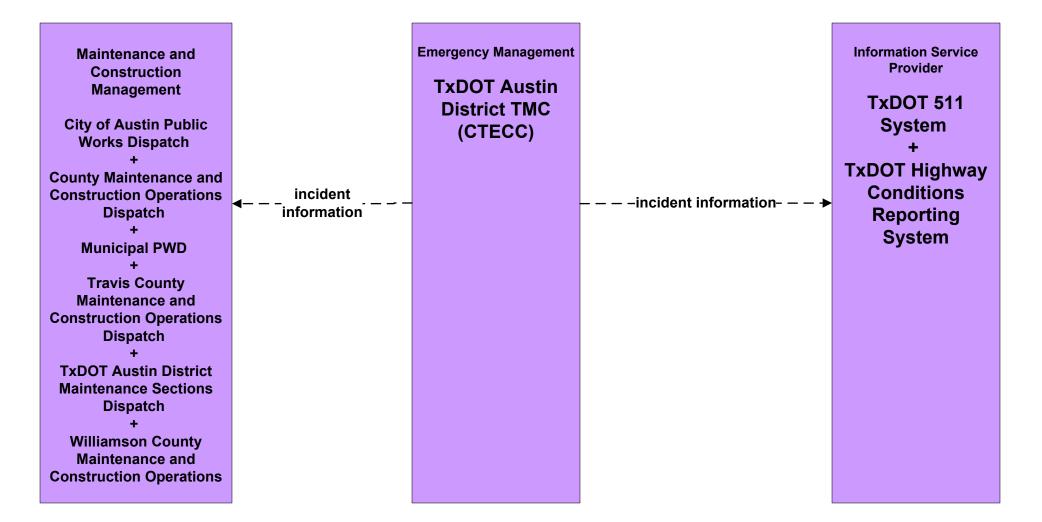


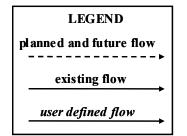
#### EM04 - Roadway Service Patrols TxDOT Austin District HERO (1 of 2)



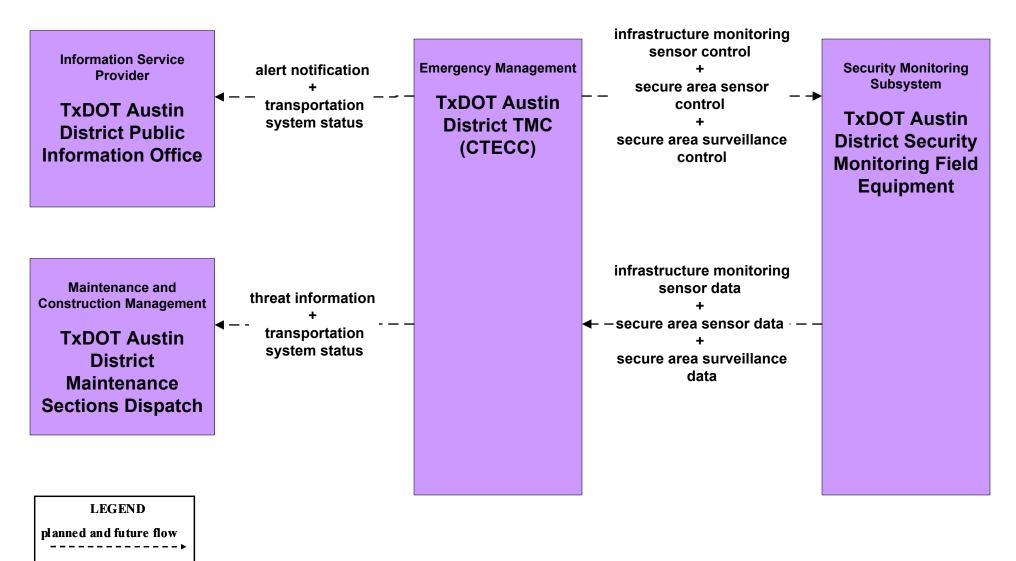


#### EM04 - Roadway Service Patrols TxDOT Austin District HERO (2 of 2)





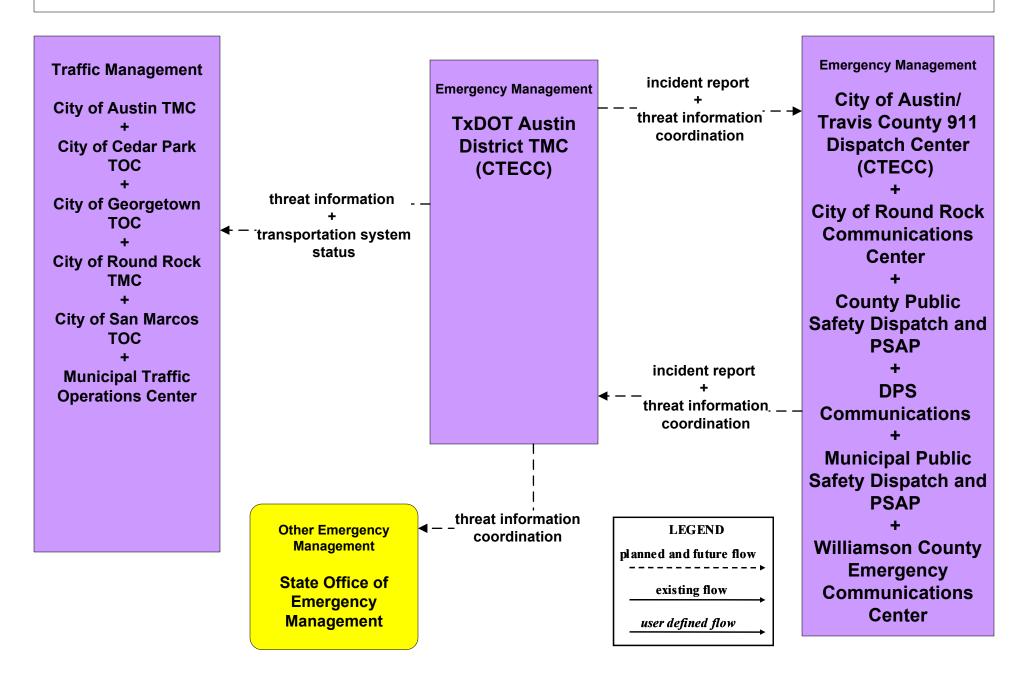
#### EM05 - Transportation Infrastructure Protection TxDOT Austin District TMC (CTECC) (1 of 2)



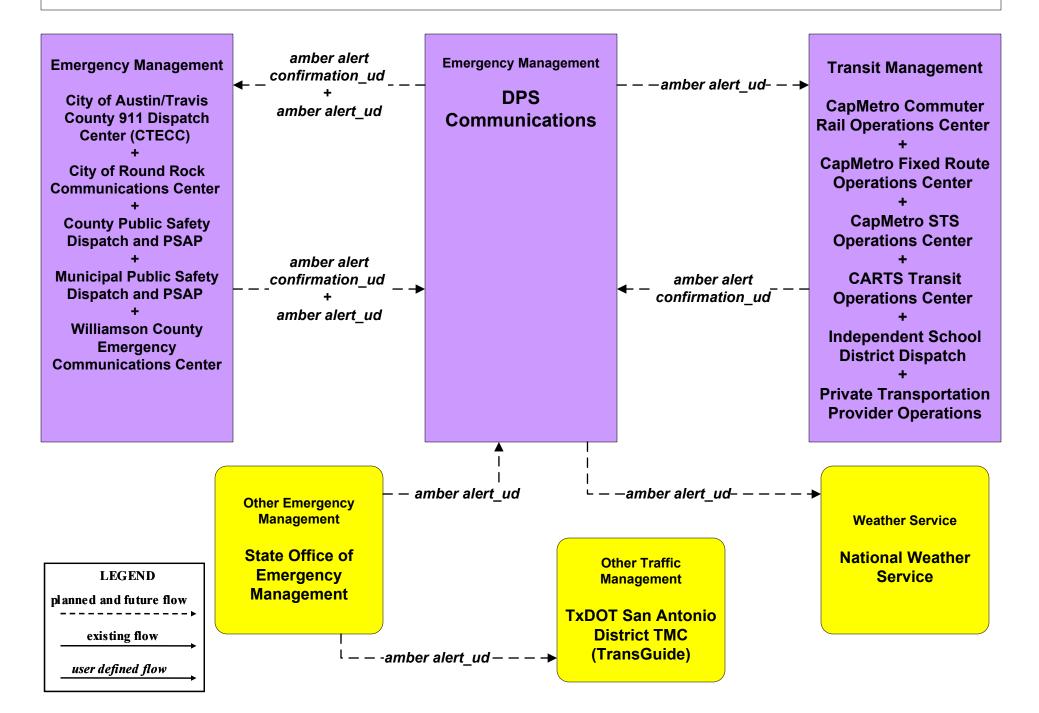
existing flow

user defined flow

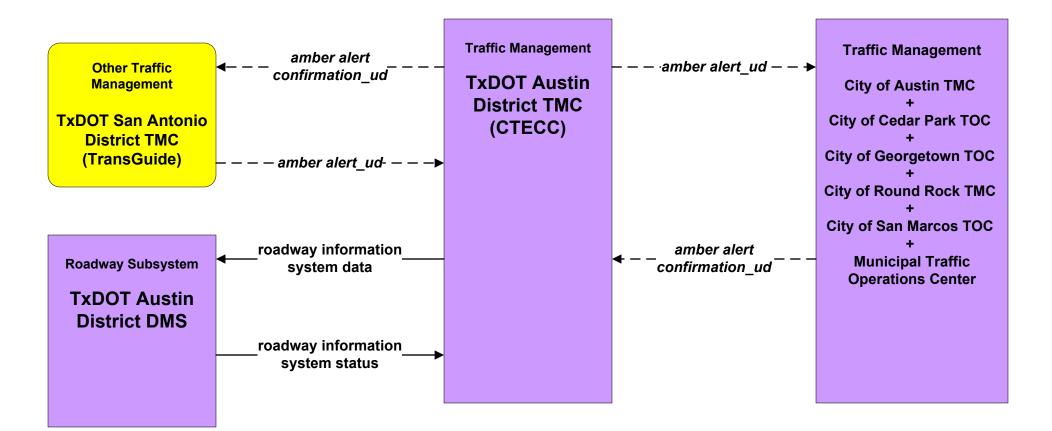
#### EM05 - Transportation Infrastructure Protection TxDOT Austin District TMC (CTECC) (2 of 2)

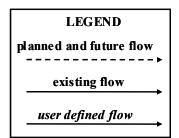


#### EM06 - Wide Area Alert Statewide Amber Alert (1 of 2)

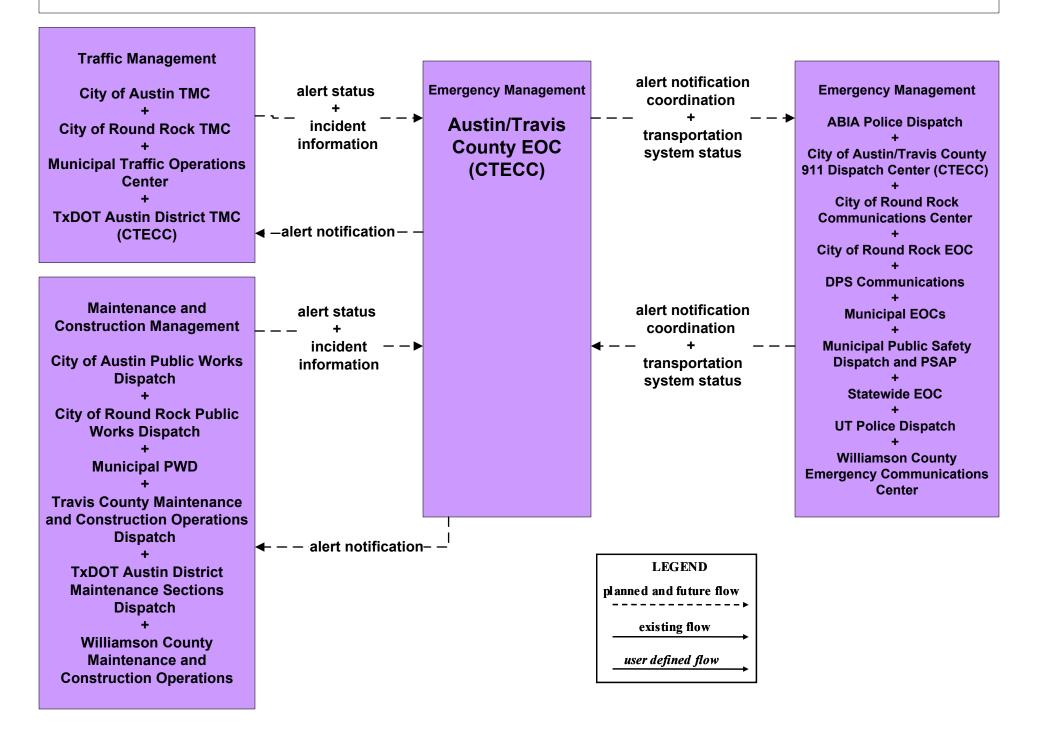


#### EM06 - Wide Area Alert Statewide Amber Alert (2 of 2)

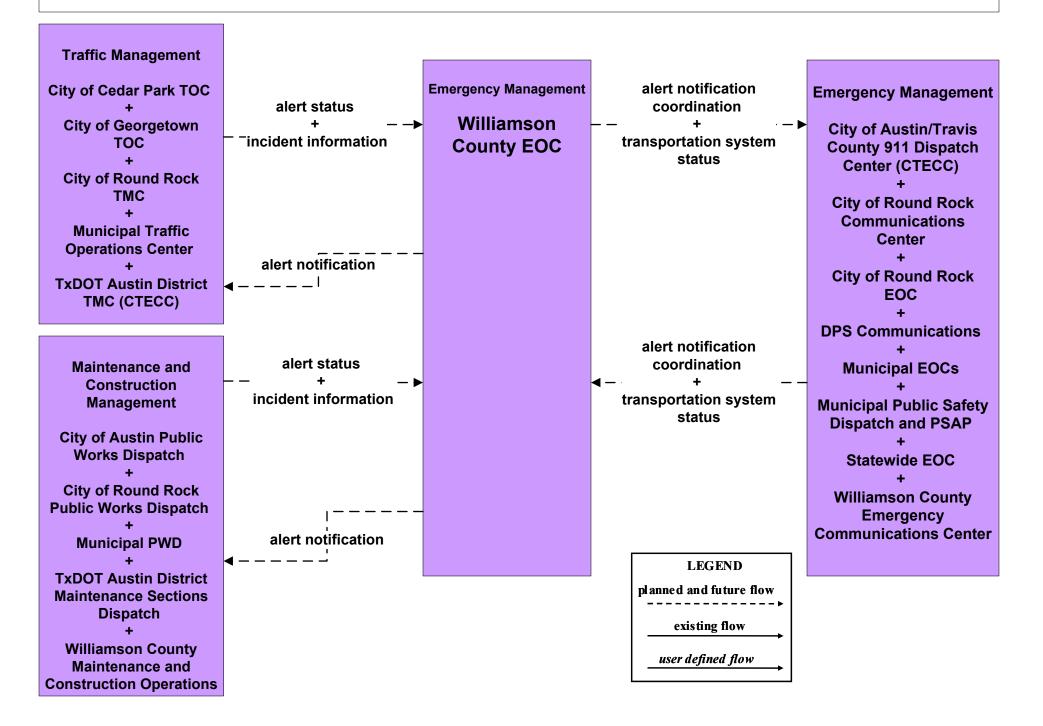




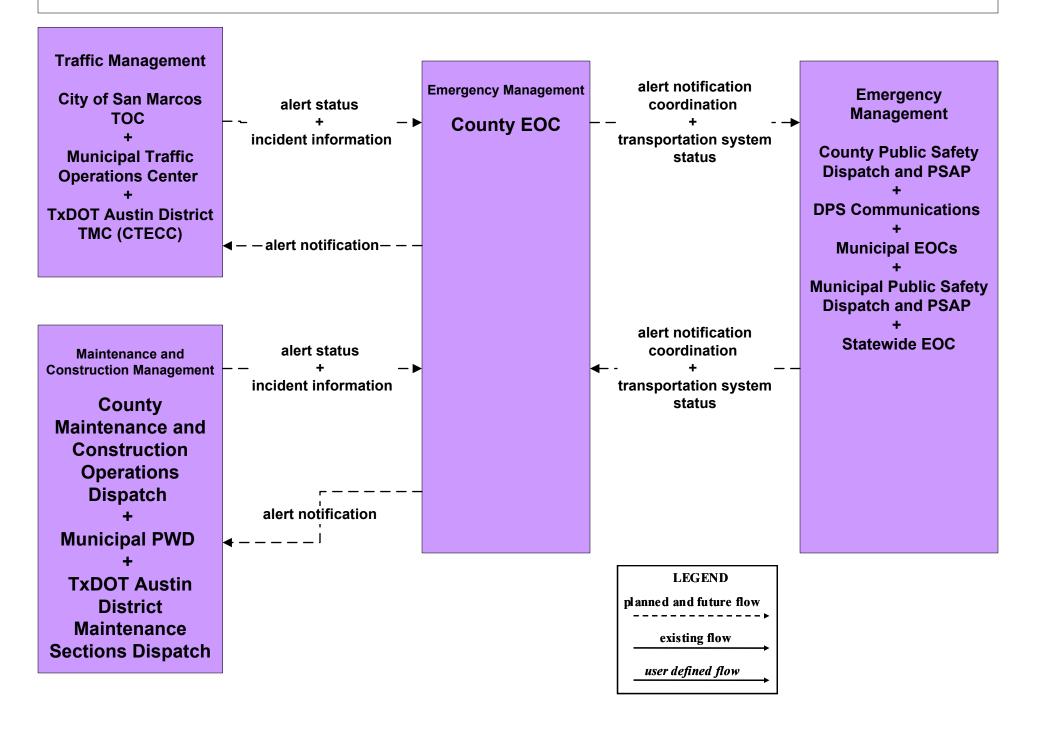
#### EM06 - Wide Area Alert Austin/Travis County EOC (CTECC)



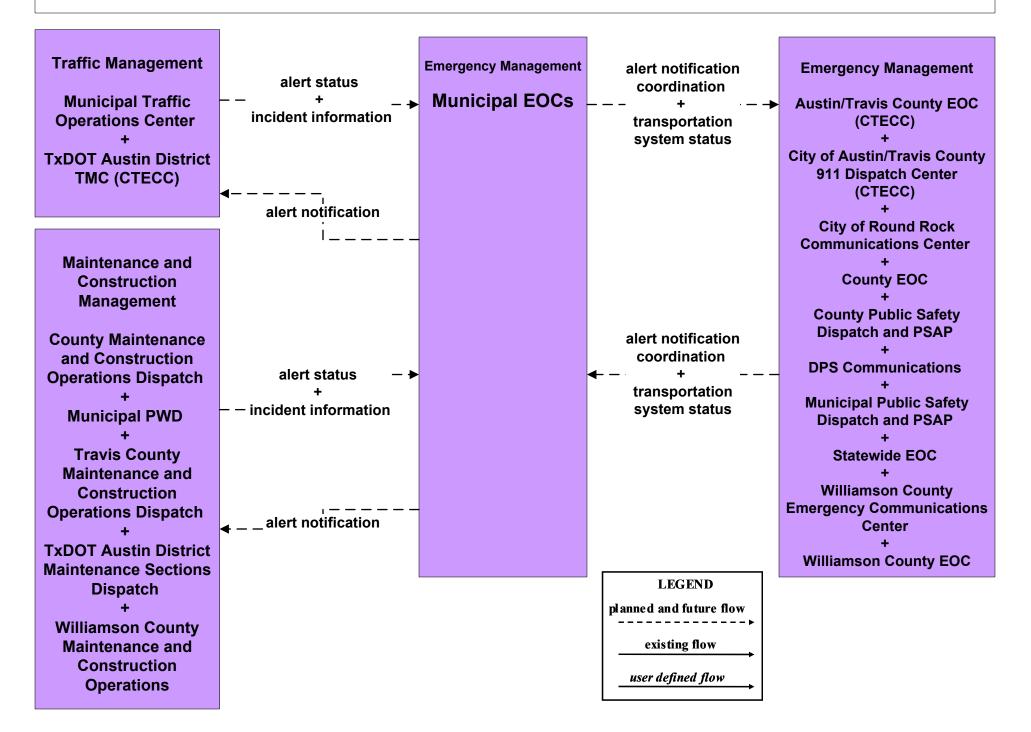
#### EM06 - Wide Area Alert Williamson County EOC



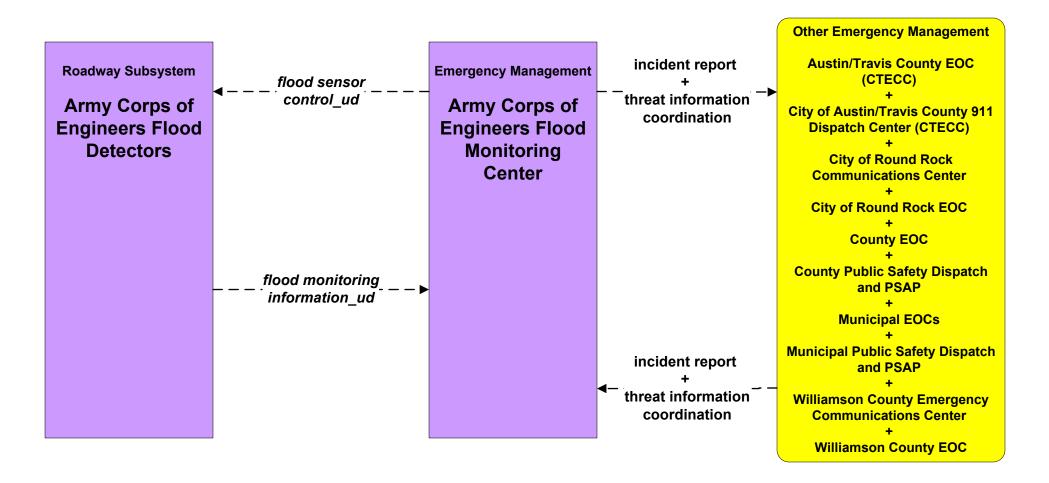
#### EM06 - Wide Area Alert County EOC

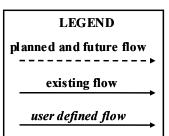


#### EM06 - Wide Area Alert Municipal EOCs

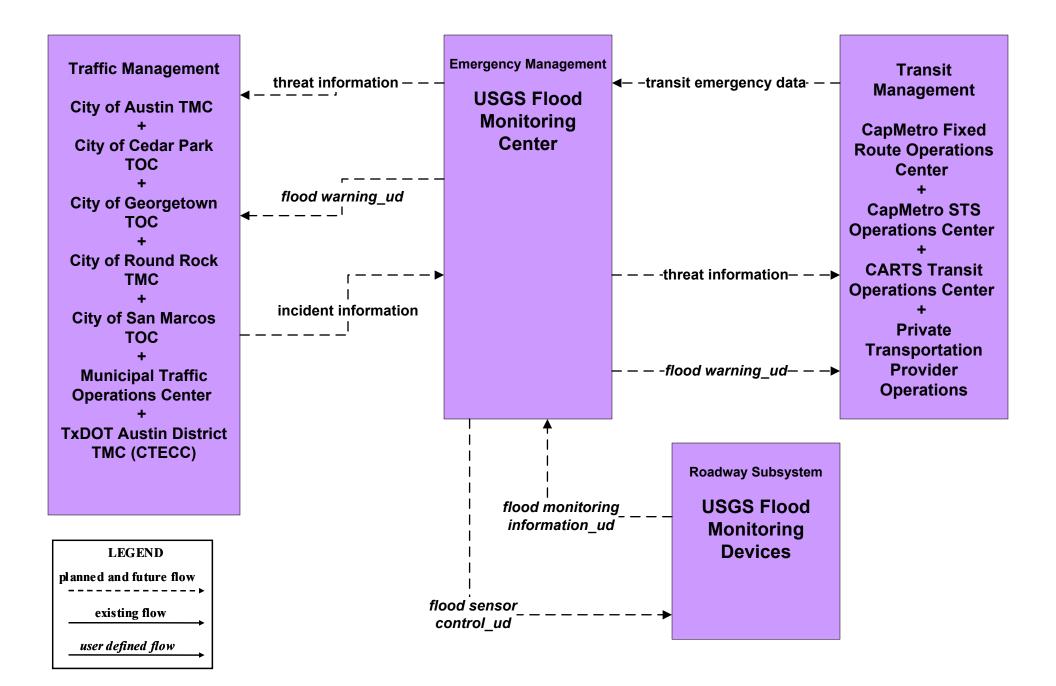


### EM07 - Early Warning System Army Corps of Engineers – Flood Monitoring System

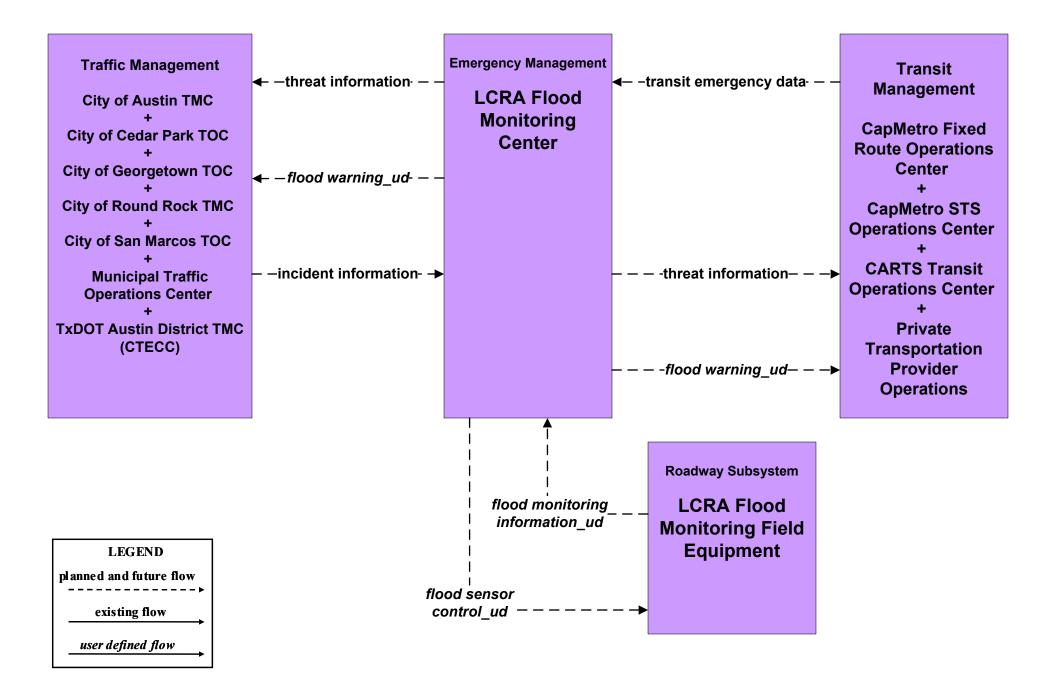




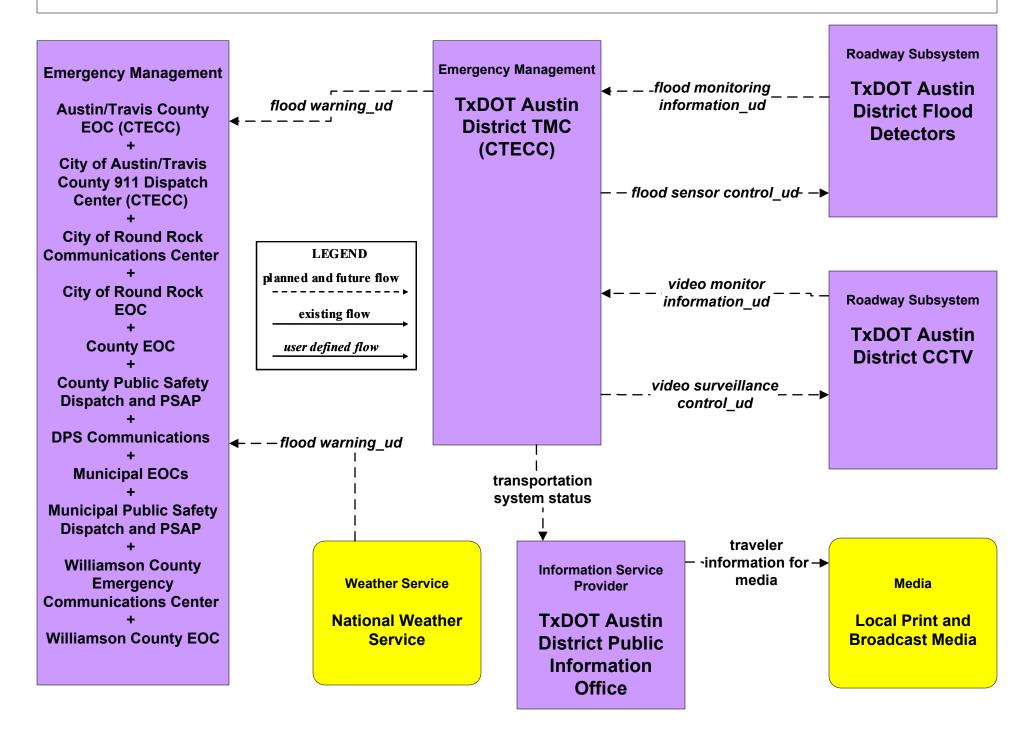
## EM07 - Early Warning System USGS – Flood Information Dissemination



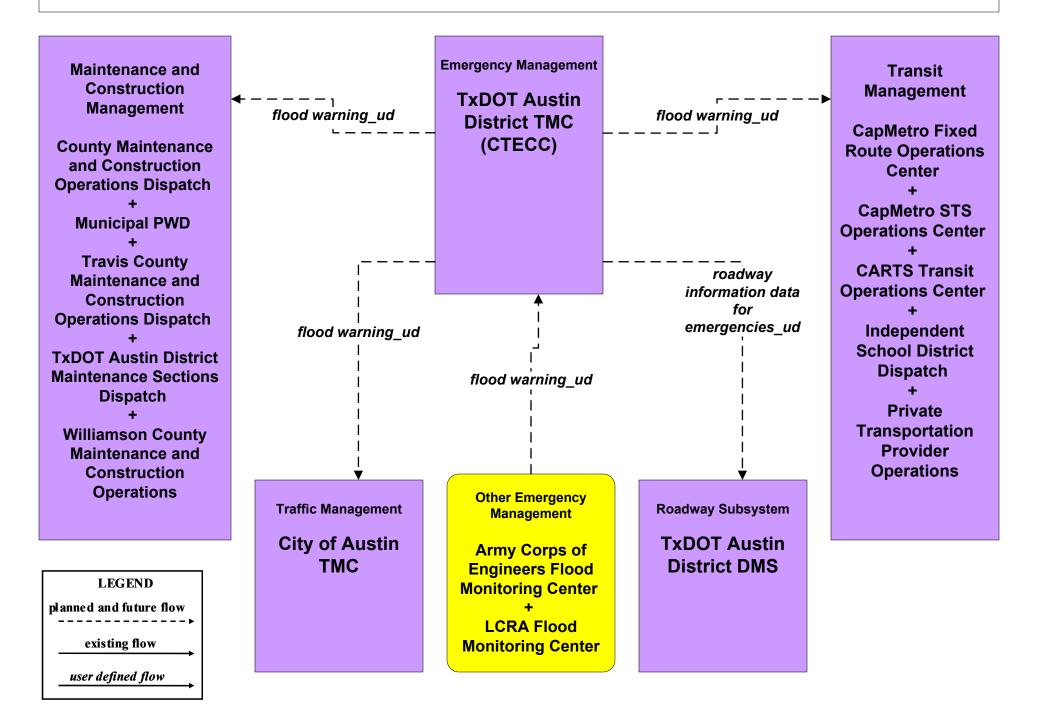
## EM07 - Early Warning System LCRA – Flood Information Dissemination



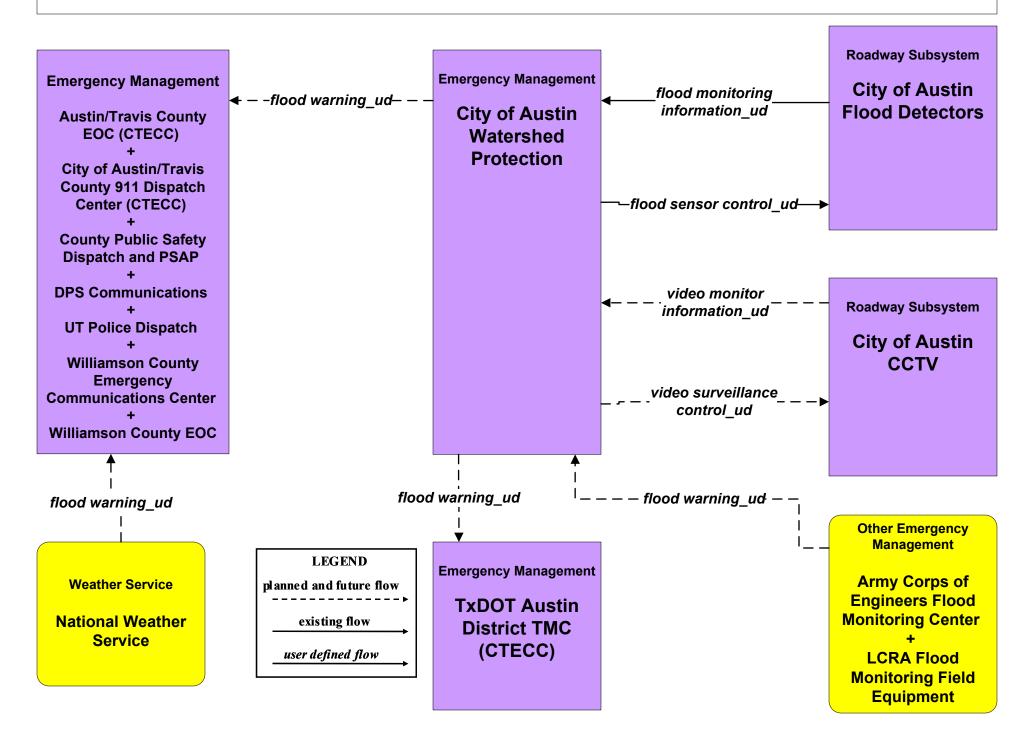
# EM07 - Early Warning System Flood Monitoring – TxDOT (1 of 2)



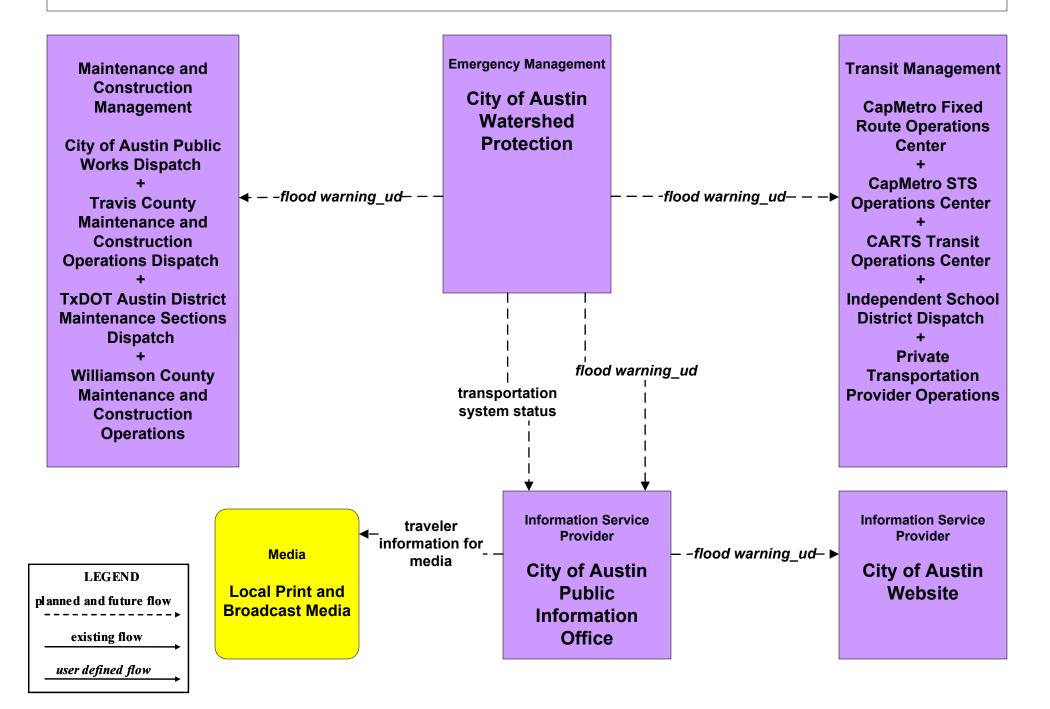
# EM07 - Early Warning System Flood Monitoring – TxDOT (2 of 2)



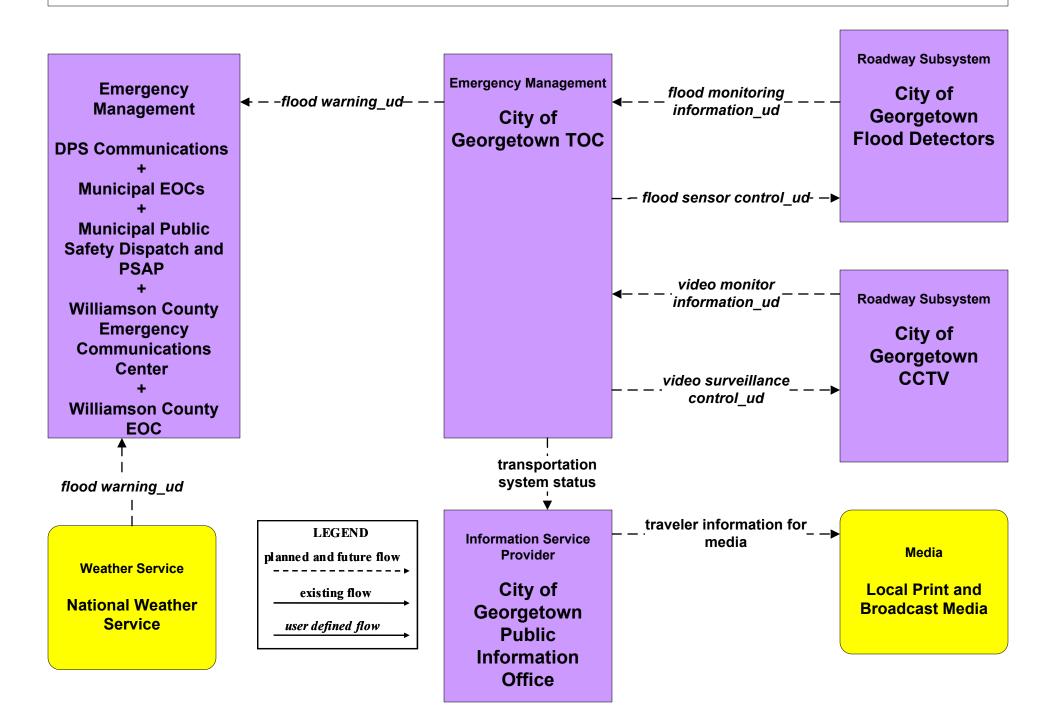
## EM07 - Early Warning System Flood Monitoring – City of Austin (1 of 2)



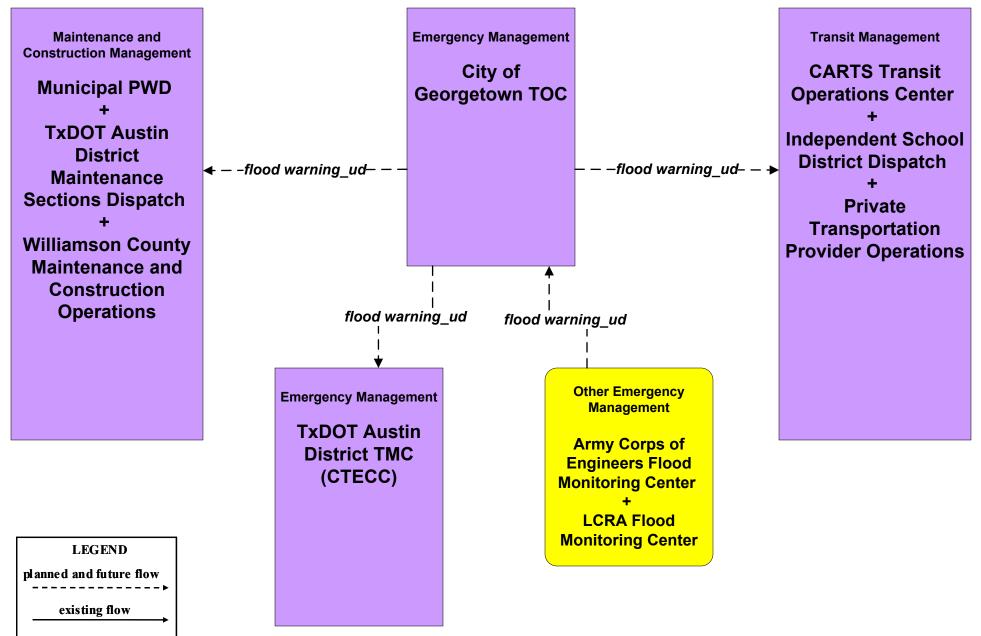
# EM07 - Early Warning System Flood Monitoring – City of Austin (2 of 2)



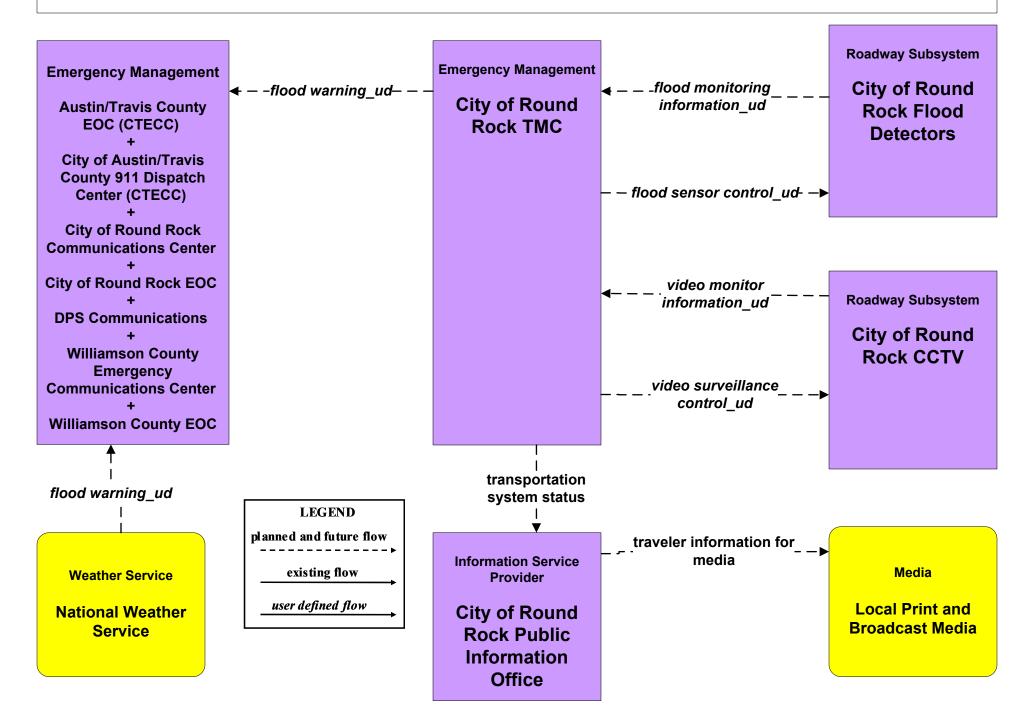
# EM07 - Early Warning System Flood Monitoring – City of Georgetown (1 of 2)



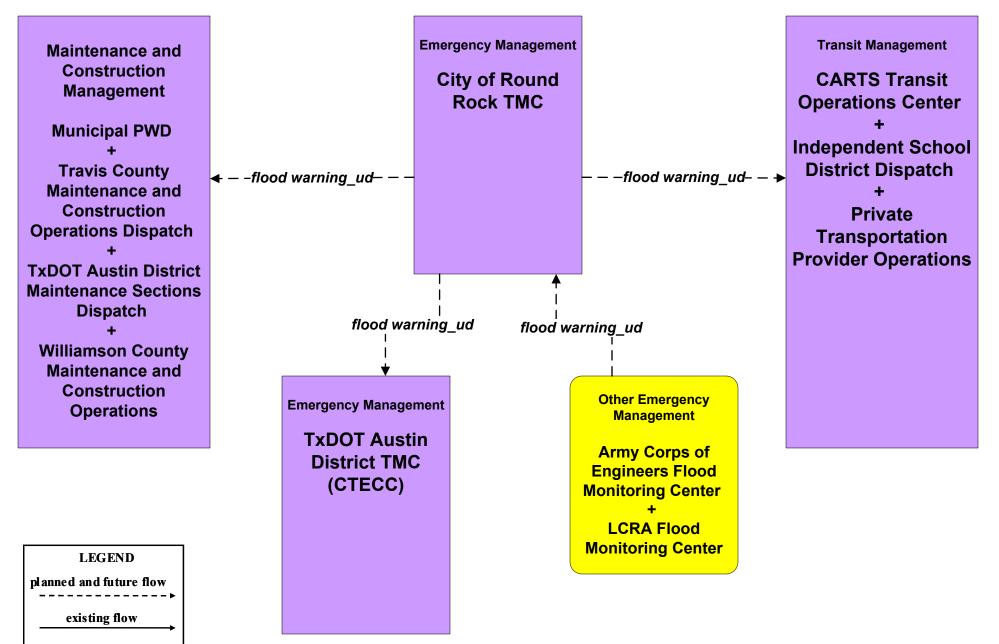
# EM07 - Early Warning System Flood Monitoring – City of Georgetown (2 of 2)



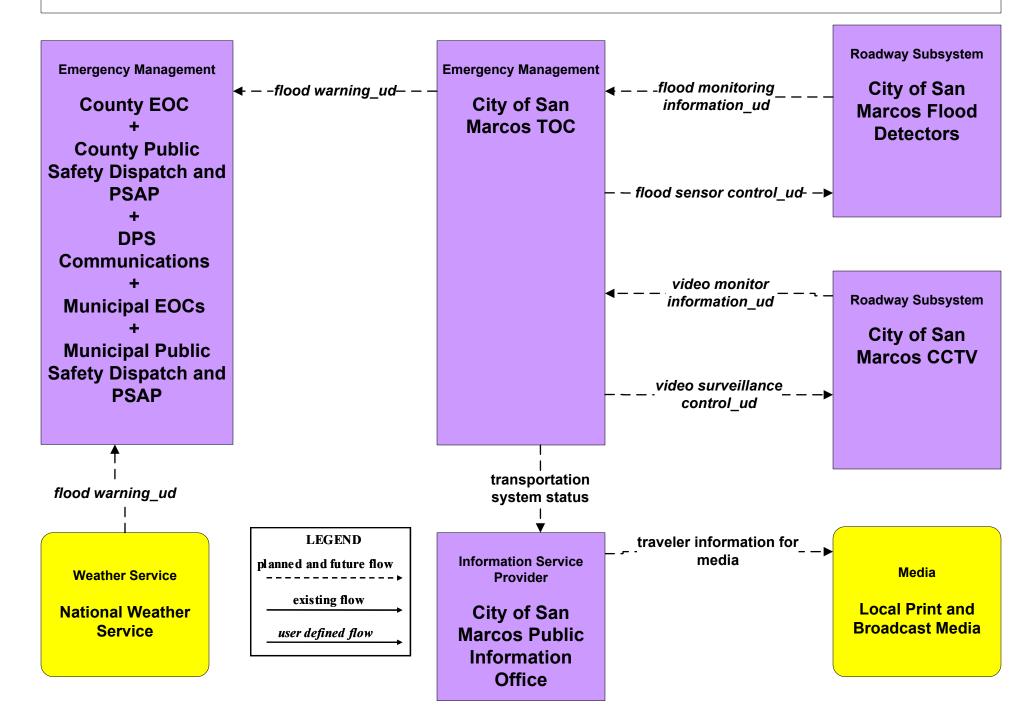
# EM07 - Early Warning System Flood Monitoring – City of Round Rock (1 of 2)



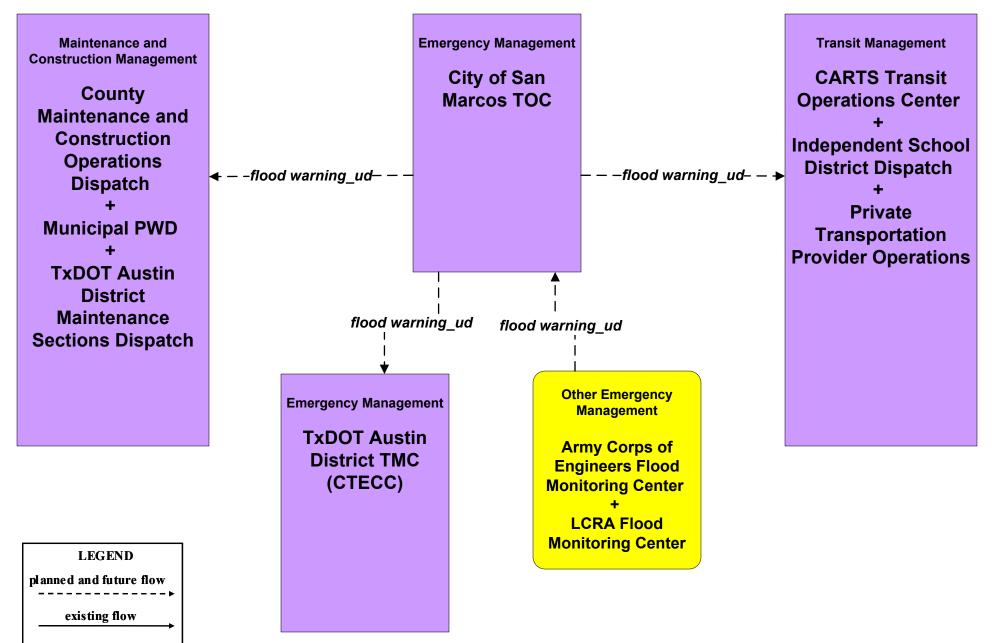
# EM07 - Early Warning System Flood Monitoring – City of Round Rock (2 of 2)



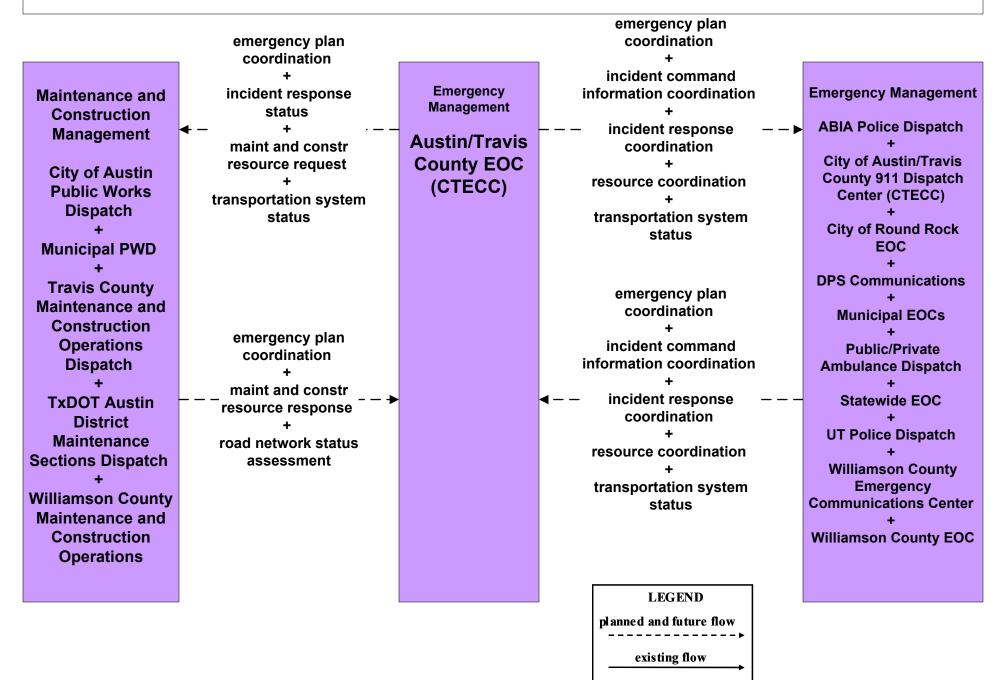
# EM07 - Early Warning System Flood Monitoring – City of San Marcos (1 of 2)



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

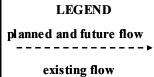


## EM08 - Disaster Response and Recovery Austin/Travis County EOC (CTECC) (1 of 2)



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

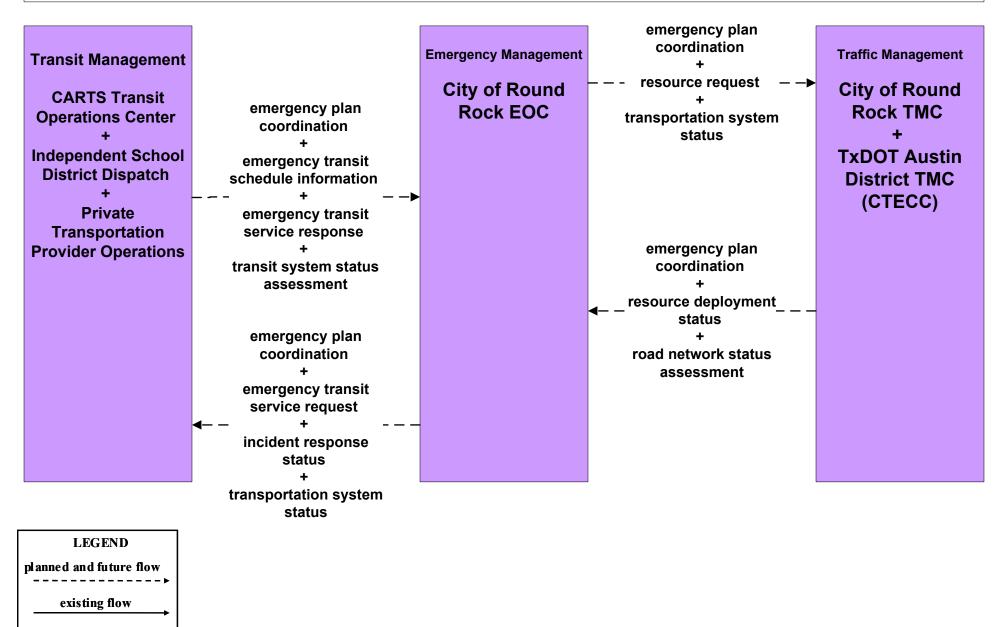
Transit Management CapMetro Commuter Rail Operations Center + CapMetro Fixed Route Operations Center + CapMetro STS Operations Center + CARTS Transit Operations Center + Independent School District Dispatch + Private Transportation	emergency plan coordination + emergency transit schedule information + + emergency transit service response + transit system status assessment emergency plan coordination + emergency transit service request +	Emergency Management Austin/Travis County EOC (CTECC)	coordination + resource request→ + transportation system status emergency plan coordination + resource deployment status + road network status assessment	Traffic Management City of Austin TMC + City of Round Rock TMC + Municipal Traffic Operations Center + TxDOT Austin District TMC (CTECC)
	incident response			
Provider Operations	status			



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

	emergency plan coordination		emergency plan coordination +	
Maintenance and	+ incident response	Emergency Management		Emergency
Construction Management	status ◀ +	City of Round	+ incident response ►	Management
City of Round Rock Public Works Dispatch + Travis County	maint and constr resource request + transportation system status	Rock EOC	coordination + resource coordination + transportation system status	Austin/Travis County EOC (CTECC) + City of Round Rock Communications Center
Maintenance and Construction Operations Dispatch			emergency plan coordination +	+ DPS Communications + Public/Private
+ TxDOT Austin District Maintenance Sections Dispatch	emergency plan coordination + maint and constr resource response - ►	•	incident command information coordination + ◀ — - incident response - – –	Ambulance Dispatch + Statewide EOC +
+ Williamson County Maintenance and Construction Operations	road network status assessment		coordination + resource coordination + transportation system status	Williamson County Emergency Communications Center +
			LEGEND	Williamson County EOC
			planned and future flow    user defined flow	

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

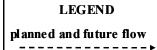


# EM08 - Disaster Response and Recovery Municipal EOCs (1 of 2)

	emergency plan coordination		emergency plan coordination	
Maintenance and Construction Management	+ incident response status ◀ ─ + · ─ ─	Emergency Management Municipal	incident command information coordination + − − − incident response − →	Emergency Management
County Maintenance and Construction	maint and constr resource request + transportation system status	EOCs	coordination + resource coordination + transportation system	City of Austin/Travis County 911 Dispatch Center (CTECC)
Operations Dispatch + Municipal PWD	Status		status	County EOC + County Public Safety Dispatch and PSAP
+ Travis County Maintenance and	emergency plan		emergency plan coordination + incident command	+ DPS Communications + Municipal Public Safety
Construction Operations Dispatch +	coordination + maint and constr resource response - →		information coordination + ← — incident response — — –	Dispatch and PSAP + Public/Private Ambulance Dispatch
TxDOT Austin District Maintenance	+ road network status assessment		coordination + resource coordination +	+ Statewide EOC +
Sections Dispatch + Williamson County Maintenance and			transportation system status	Williamson County Emergency Communications Center
Construction Operations			LEGEND planned and future flow	+ Williamson County EOC
			existing flow	

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

Transit Management		Emergency Management	emergency plan coordination +	Traffic Management
CapMetro Commuter Rail Operations Center + CapMetro Fixed Route Operations Center + CapMetro STS Operations Center + CARTS Transit Operations Center + Independent School District Dispatch + Private Transportation Provider Operations	emergency plan coordination + emergency transit schedule information + emergency transit service response + transit system status assessment emergency plan coordination + emergency transit service request + incident response status	Municipal EOCs	<ul> <li>resource request&gt;         <ul> <li>transportation system status</li> </ul> </li> <li>emergency plan coordination         <ul> <li>resource deployment</li> <li>status</li> <li>road network status assessment</li> </ul> </li> </ul>	City of Cedar Park TOC + City of Georgetown TOC + City of San Marcos TOC + Municipal Traffic Operations Center
transportation system status				



existing flow

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

	emergency plan coordination		emergency plan coordination +	
Maintenance and Construction Management City of Austin Public Works Dispatch + City of Round Rock Public Works Dispatch + Municipal PWD + TxDOT Austin		Emergency Management Williamson County EOC	+ incident command information coordination + incident response → coordination + resource coordination + transportation system status emergency plan coordination + incident command information coordination	Emergency Management Austin/Travis County EOC (CTECC) + City of Austin/Travis County 911 Dispatch Center (CTECC) + City of Round Rock Communications Center + City of Round Rock EOC + DPS Communications + Municipal EOCs
District Maintenance Sections Dispatch + Williamson County Maintenance and Construction Operations	maint and constr resource response + road network status assessment		+ ← - incident response coordination + resource coordination + transportation system status LEGEND	<ul> <li>Humicipal Public Safety</li> <li>Dispatch and PSAP</li> <li>+</li> <li>Public/Private Ambulance</li> <li>Dispatch</li> <li>+</li> <li>Statewide EOC</li> <li>+</li> <li>Williamson County</li> <li>Emergency</li> <li>Communications Center</li> </ul>
			planned and future flow  existing flow	

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

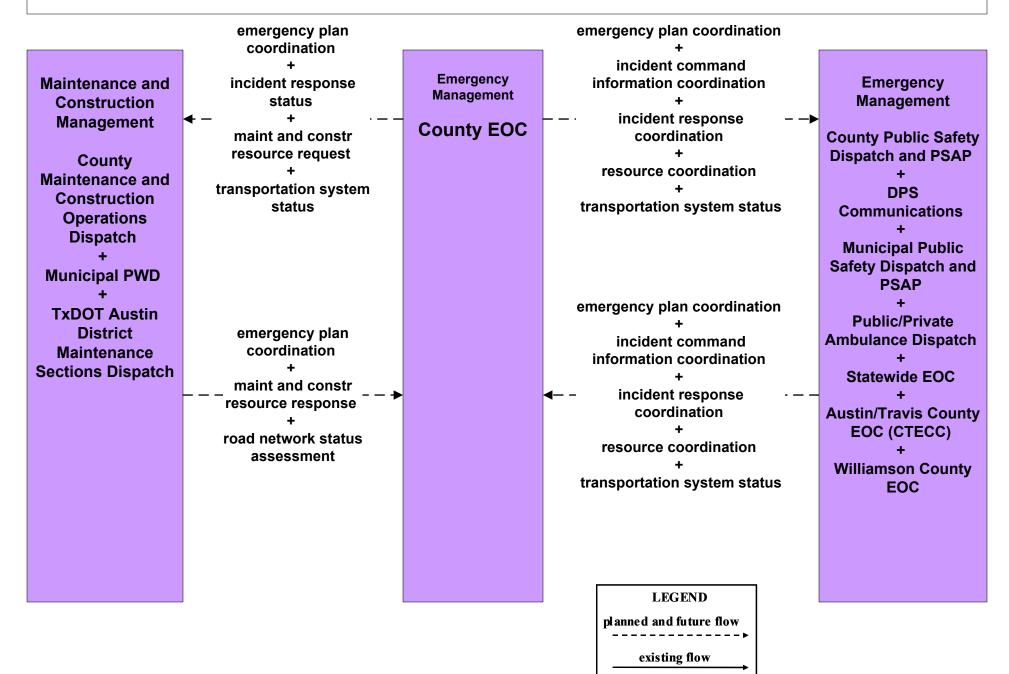
Transit Management		Emergency Management	emergency plan coordination +	Traffic Management
CapMetro Fixed Route Operations Center + CapMetro STS Operations Center + CARTS Transit Operations Center + Independent School District Dispatch + Private Transportation Provider Operations	emergency plan coordination + emergency transit schedule information + emergency transit service response + transit system status assessment emergency plan coordination + emergency transit service request + incident response status +	Williamson County EOC	<ul> <li>resource request+</li> <li>transportation system status</li> <li>emergency plan coordination +</li> <li>resource deployment status +</li> <li>road network status assessment</li> </ul>	City of Cedar Park TOC + City of Georgetown TOC + City of Round Rock TMC + Municipal Traffic Operations Center + TxDOT Austin District TMC (CTECC)
	transportation system status			



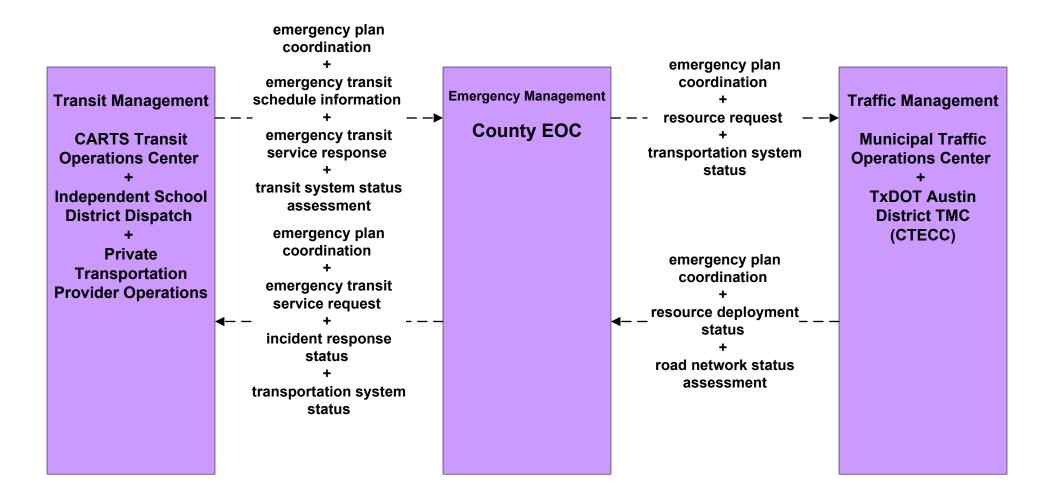
planned and future flow

existing flow

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



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

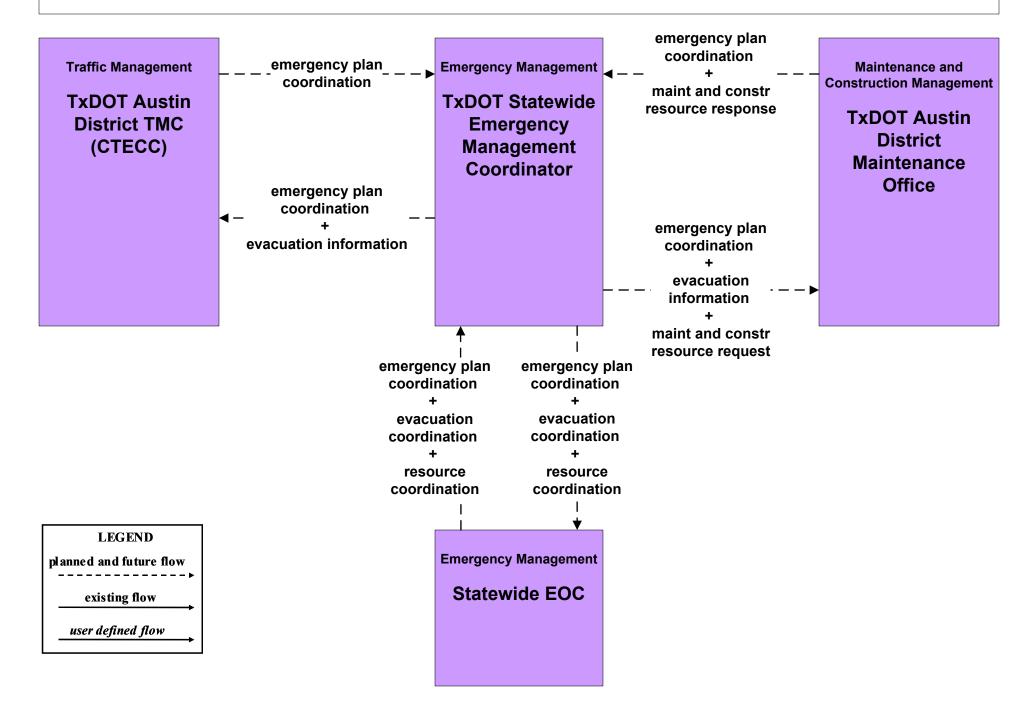




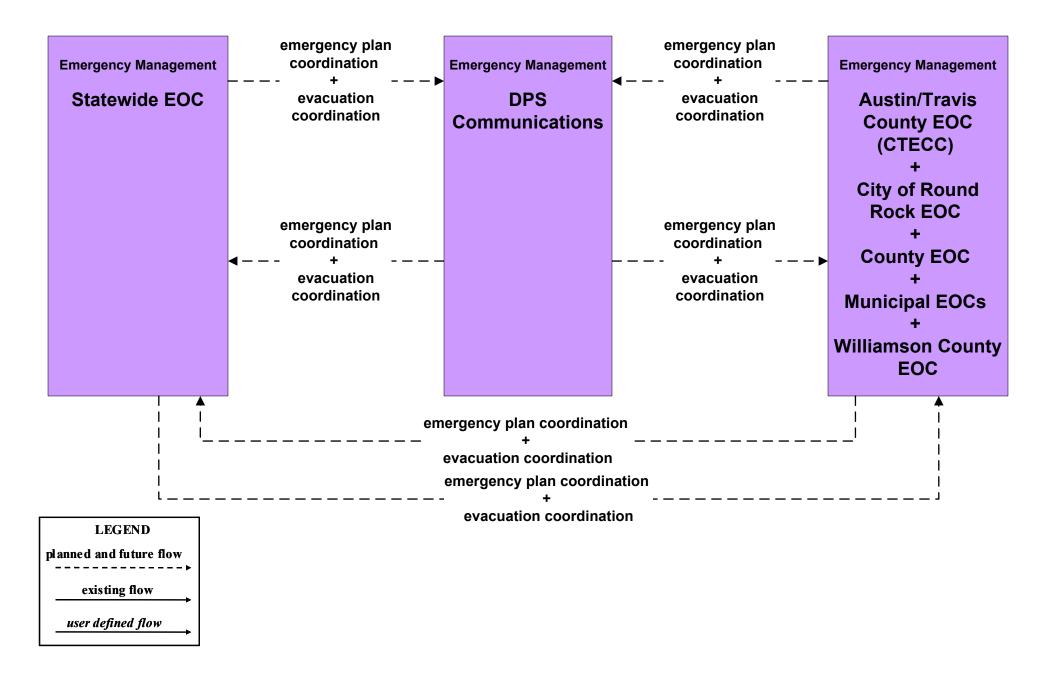
planned and future flow

existing flow

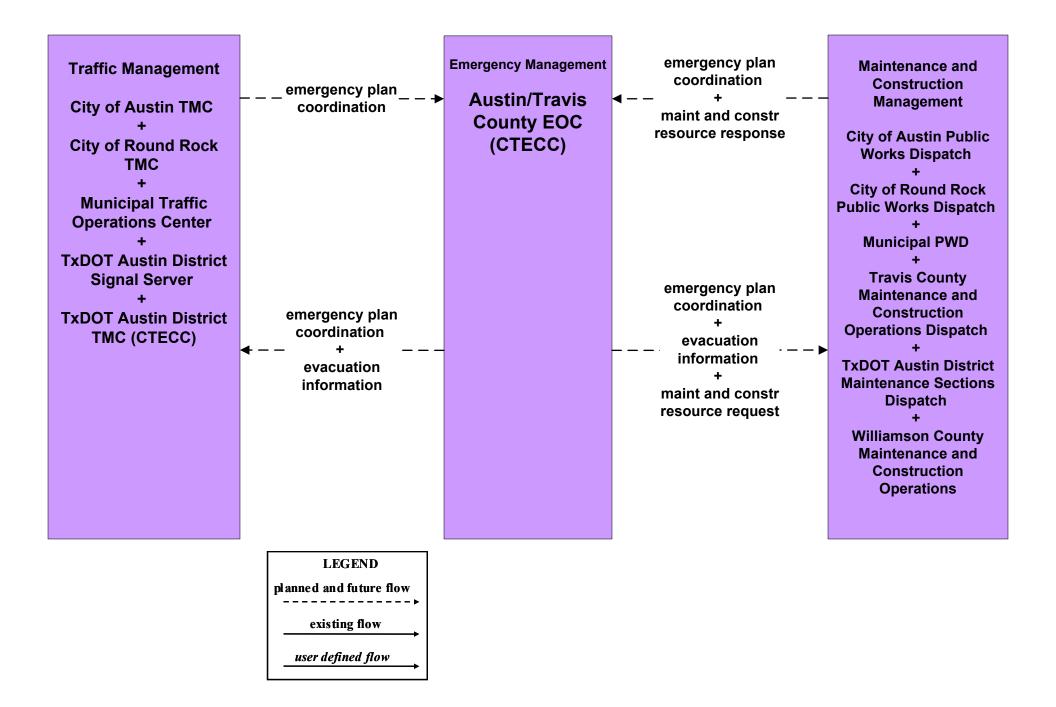
## EM09 - Evacuation and Reentry Management Statewide EOC – TxDOT Coordination



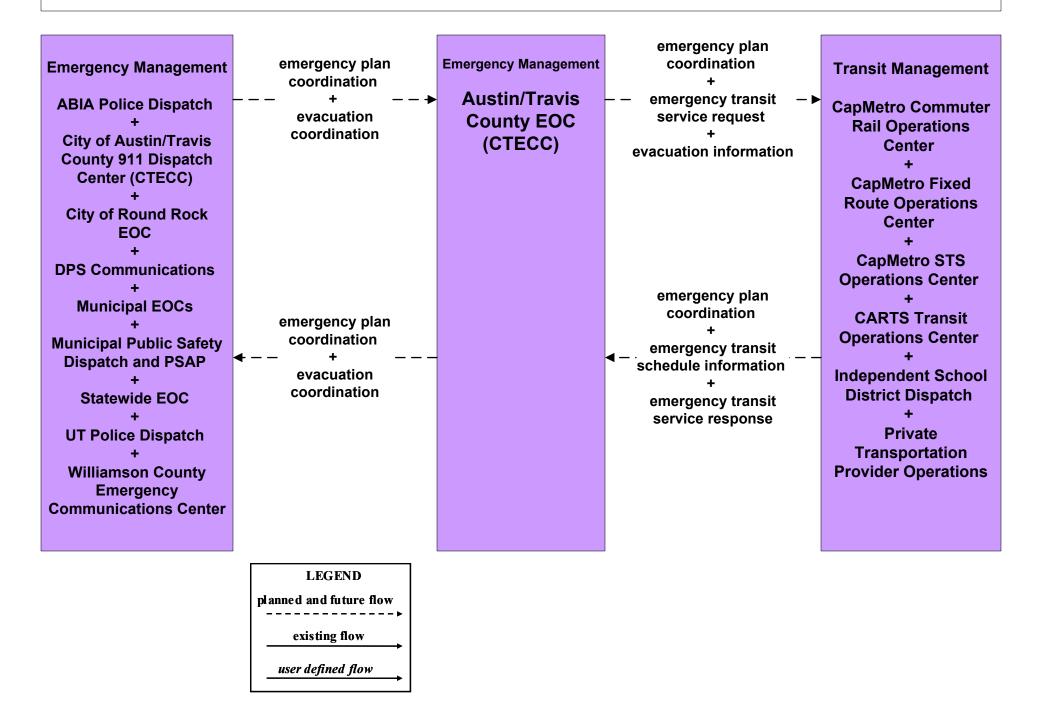
## EM09 - Evacuation and Reentry Management Statewide EOC – Local Coordination



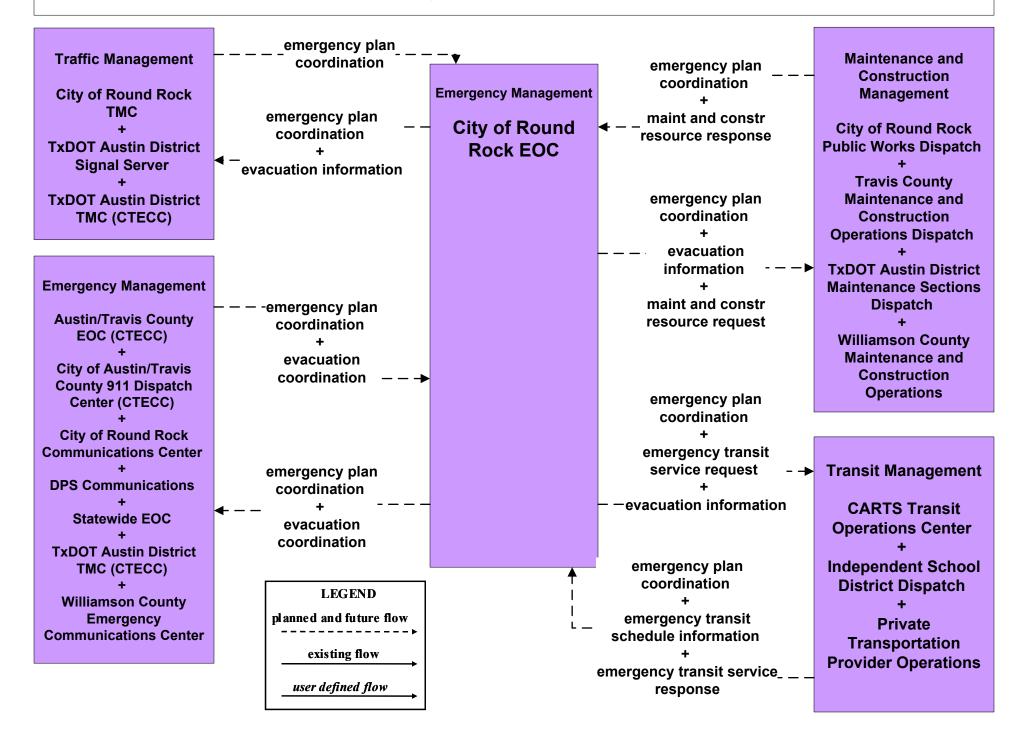
## EM09 - Evacuation and Reentry Management Austin/Travis County EOC (CTECC) (1 of 2)



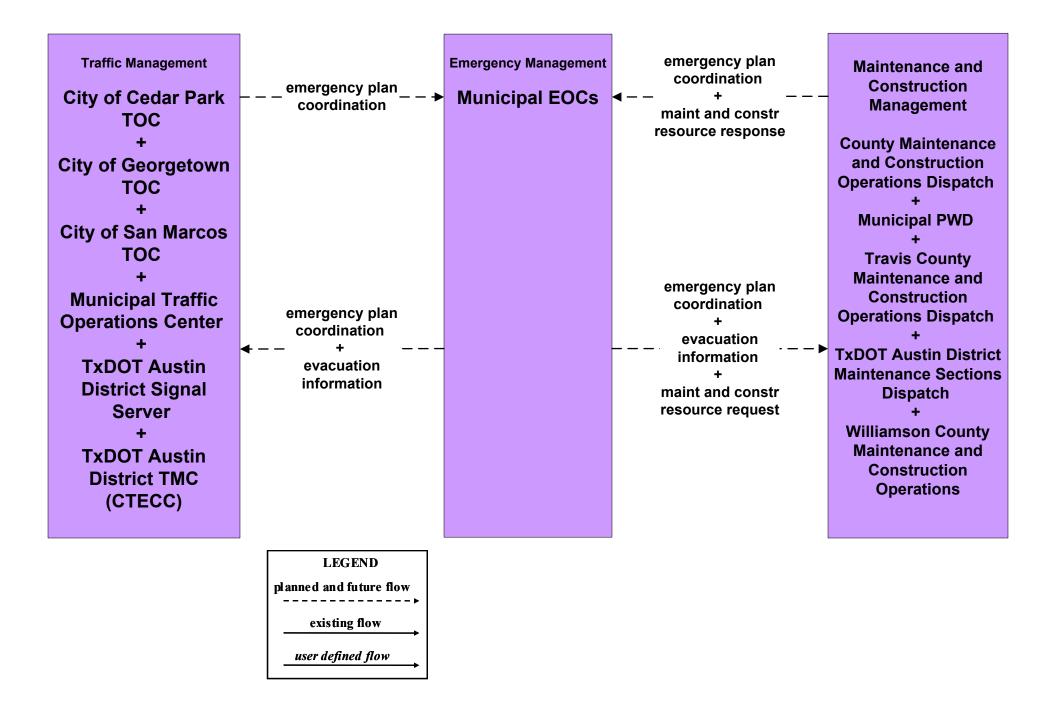
## EM09 - Evacuation and Reentry Management Austin/Travis County EOC (CTECC) (2 of 2)



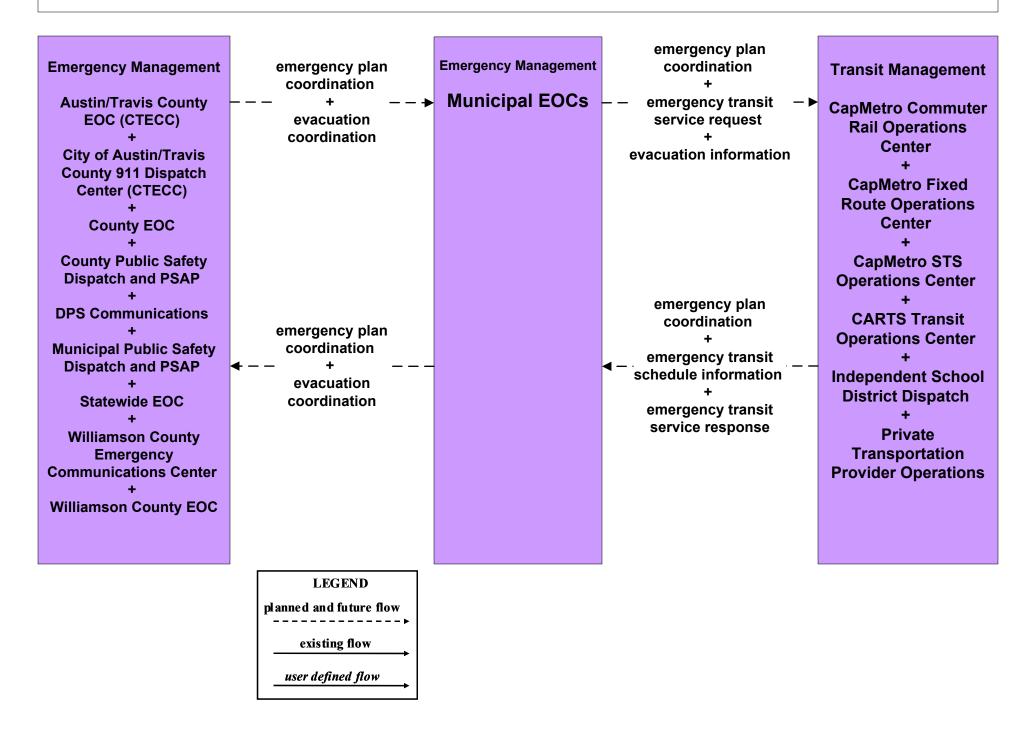
## EM09 - Evacuation and Reentry Management City of Round Rock EOC



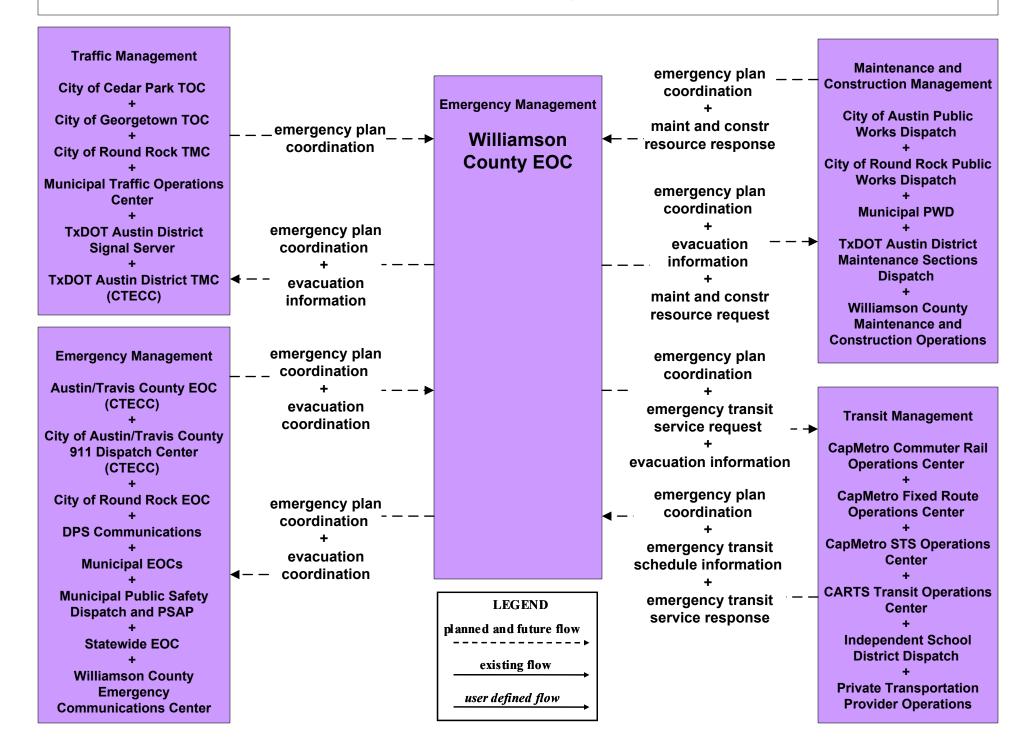
# EM09 - Evacuation and Reentry Management Municipal EOCs (1 of 2)



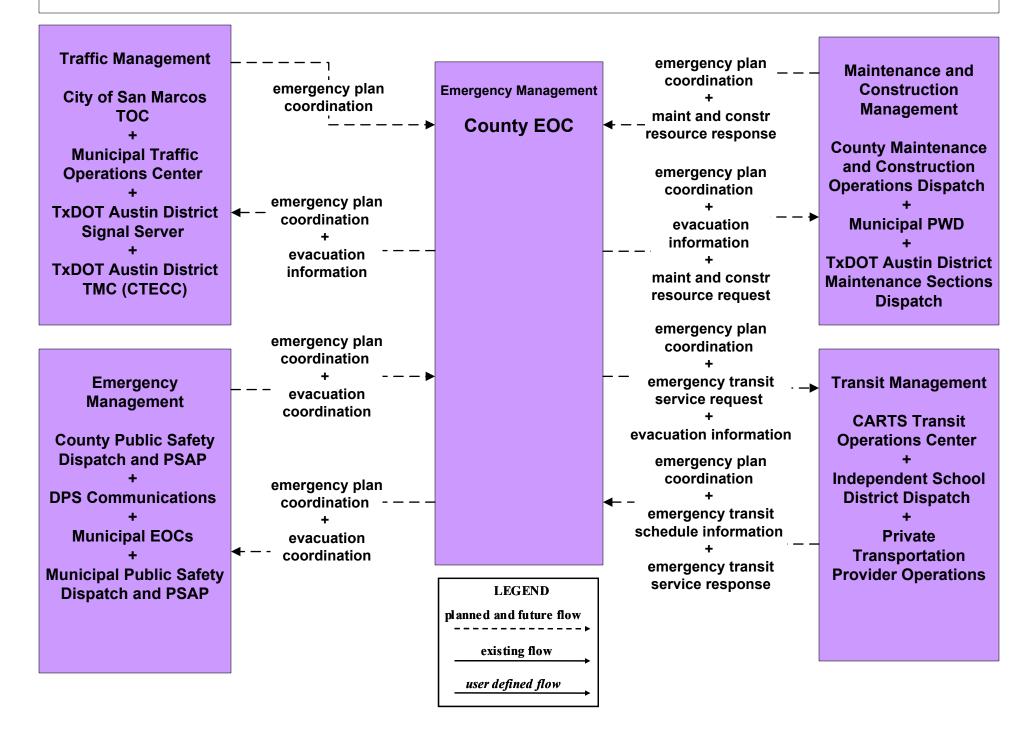
# EM09 - Evacuation and Reentry Management Municipal EOCs (2 of 2)



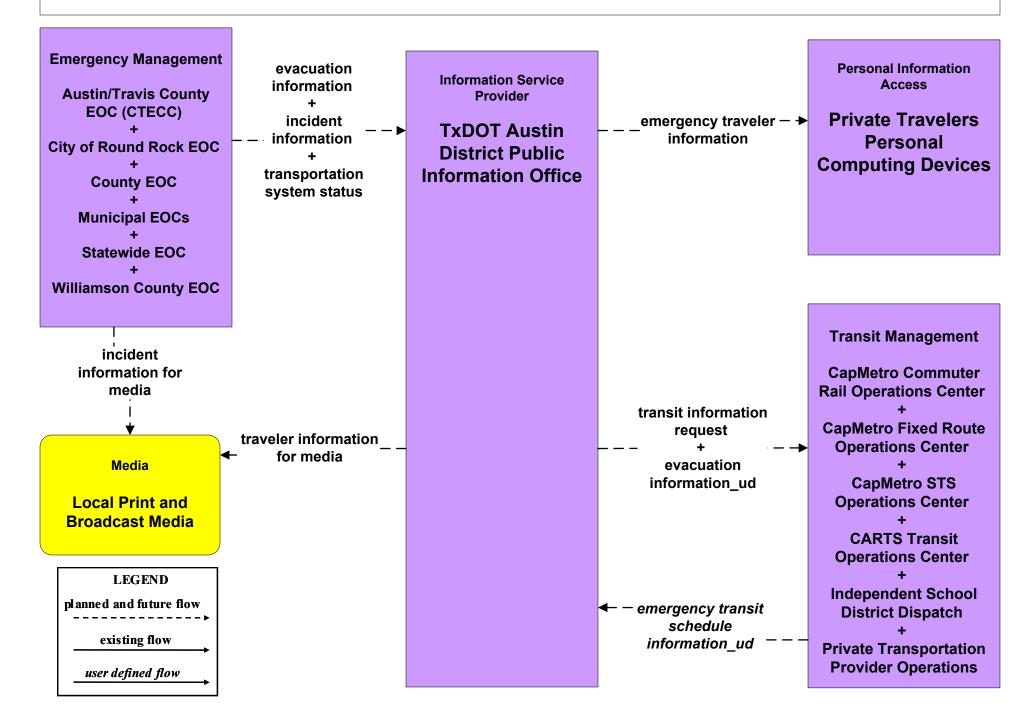
#### EM09 - Evacuation and Reentry Management Williamson County EOC



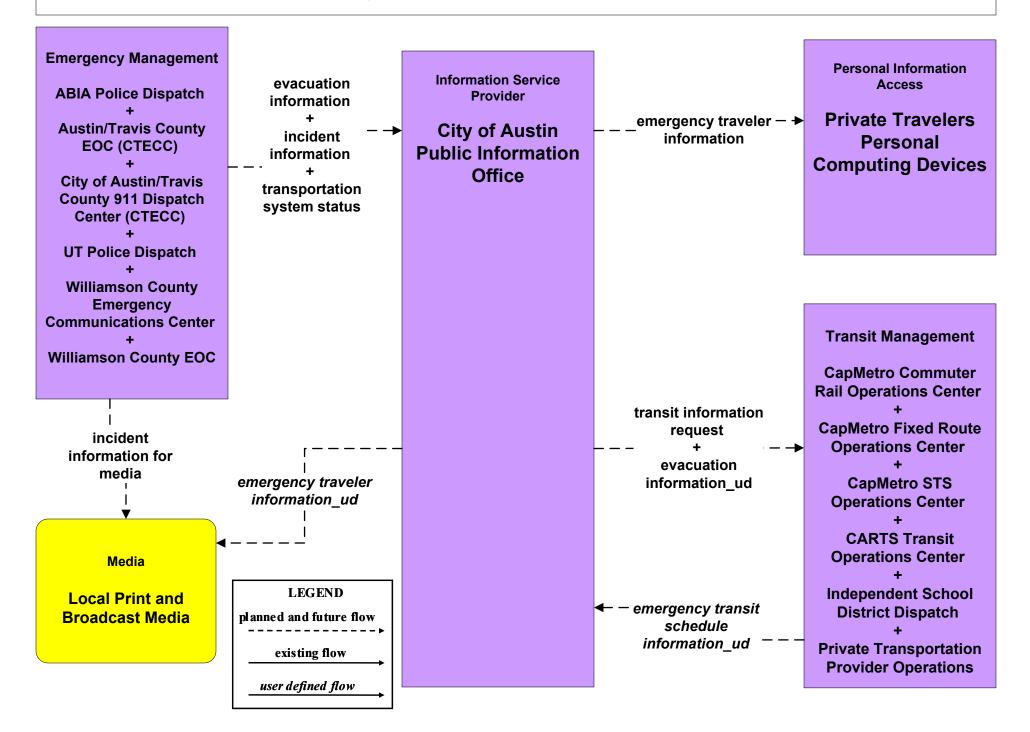
## EM09 - Evacuation and Reentry Management County EOC



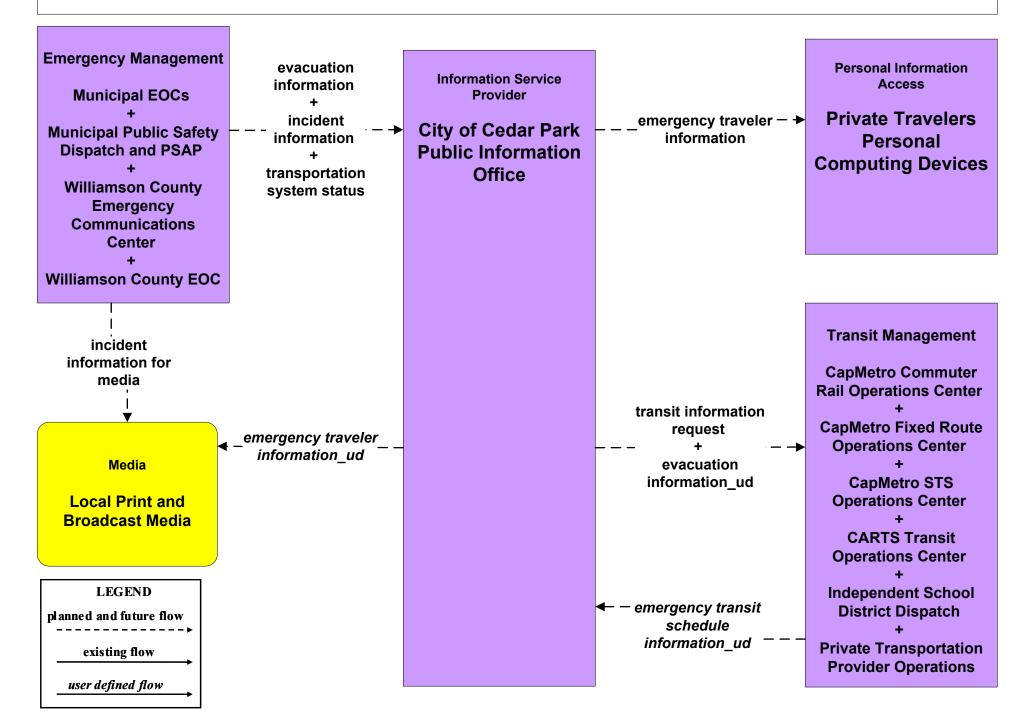
#### EM10 - Disaster Traveler Information TxDOT Austin District Public Information Office



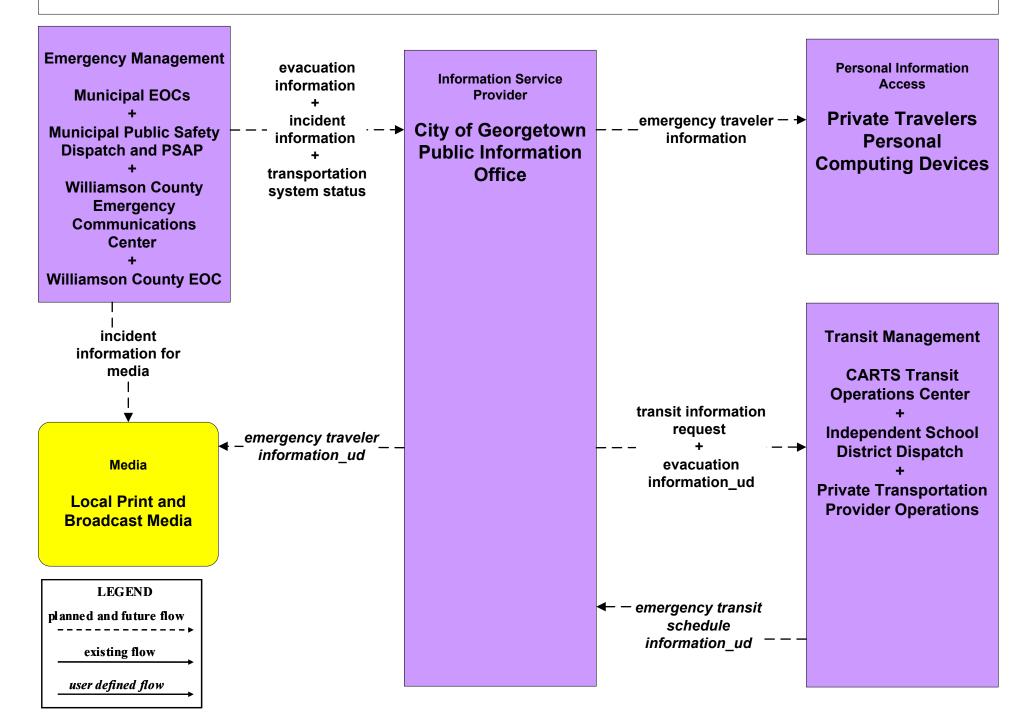
## **EM10** - Disaster Traveler Information City of Austin Public Information Office



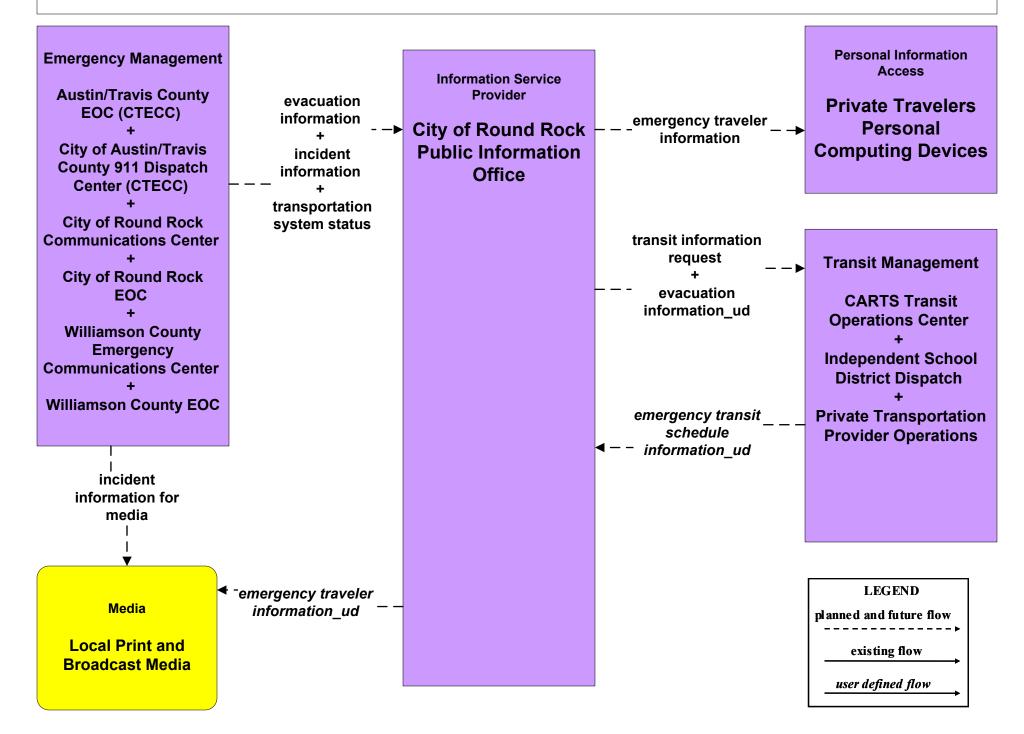
## EM10 - Disaster Traveler Information City of Cedar Park Public Information Office



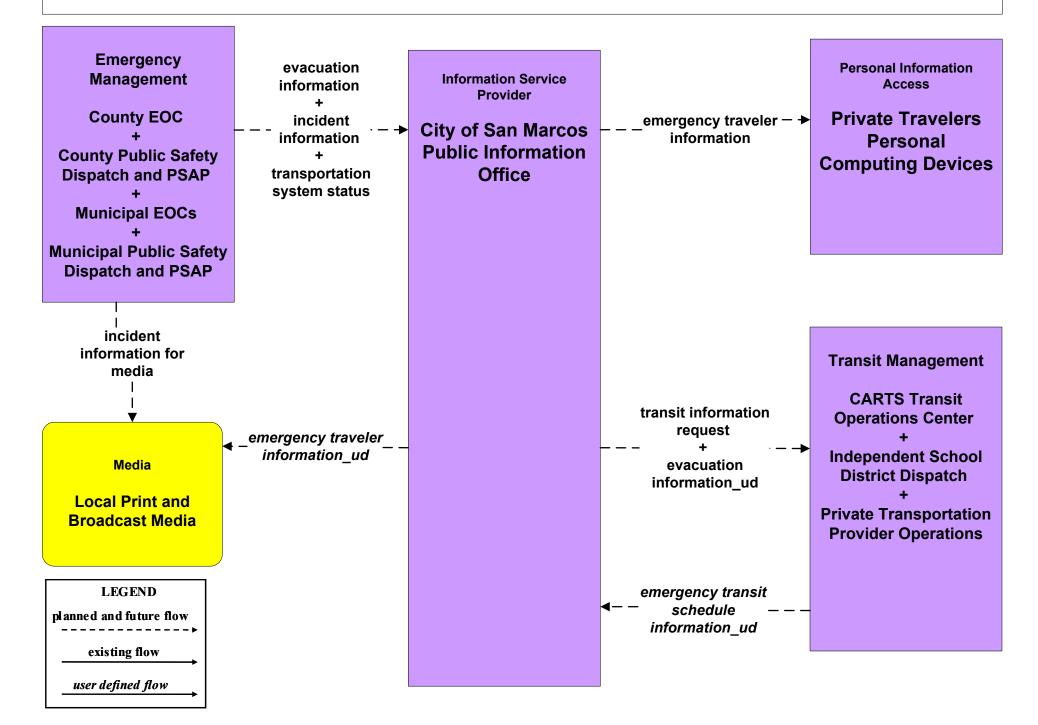
## EM10 - Disaster Traveler Information City of Georgetown Public Information Office



## EM10 - Disaster Traveler Information City of Round Rock Public Information Office



## EM10 - Disaster Traveler Information City of San Marcos Public Information Office



#### EM10 - Disaster Traveler Information Municipal Public Information Office

