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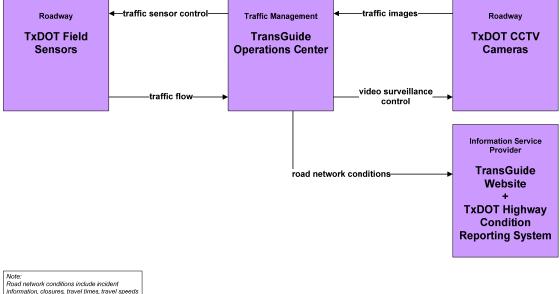
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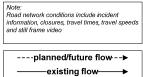
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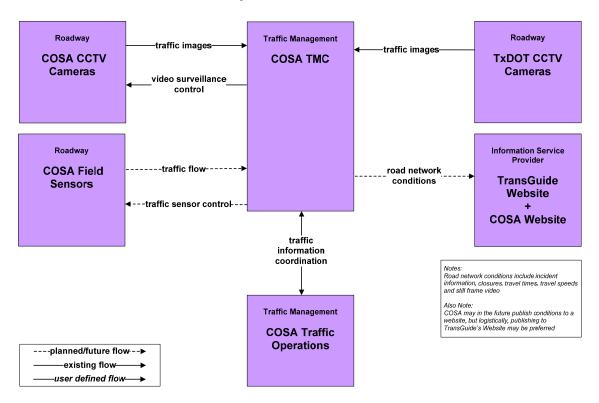


## Figure C1 – ATMS01 – Network Surveillance TransGuide





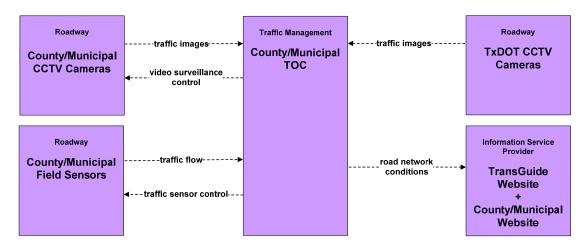
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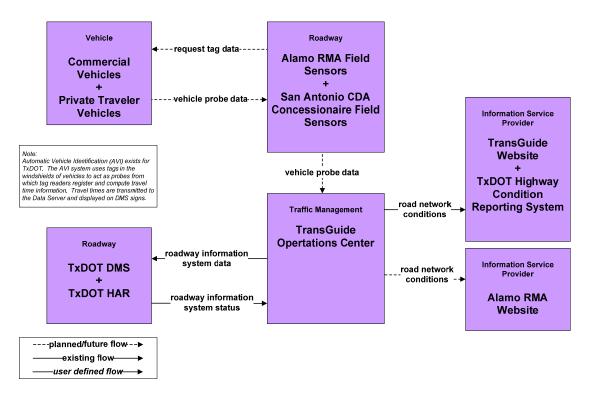


#### Figure C3 – ATMS01 – Network Surveillance County/Municipal TOC



planned/future flow►
——existing flow——►
──user defined flow

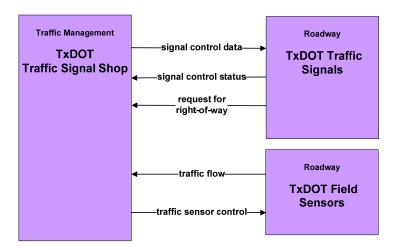
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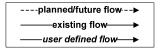




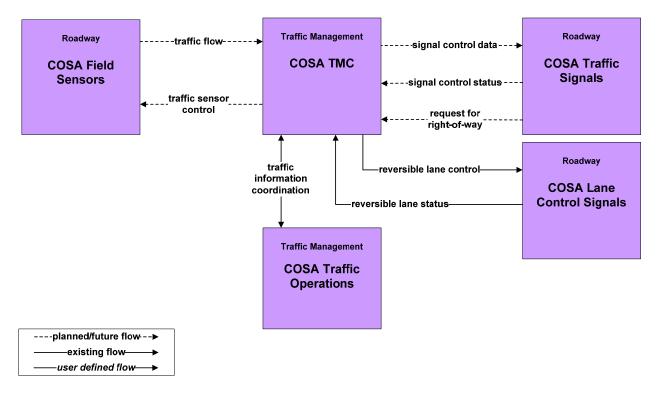


## Figure C5 – ATMS03 – Surface Street Control TxDOT San Antonio District





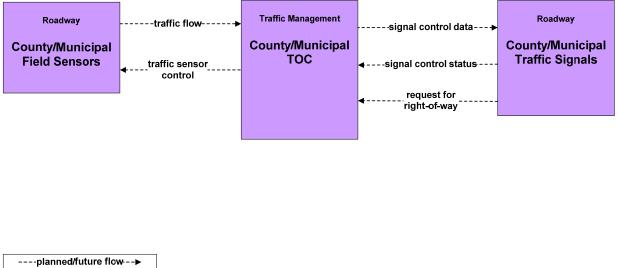
### Figure C6 – ATMS03 – Surface Street Control City of San Antonio

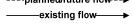






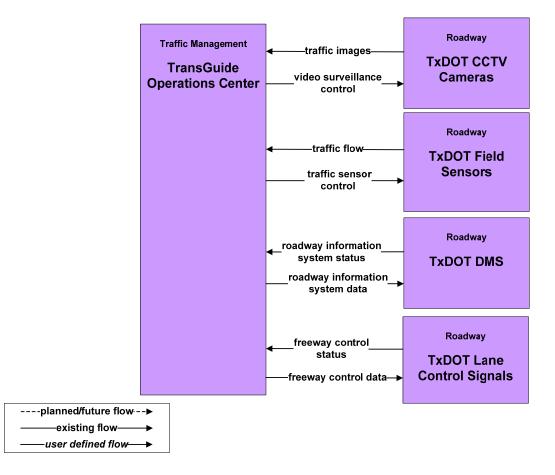
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—user defined flow →

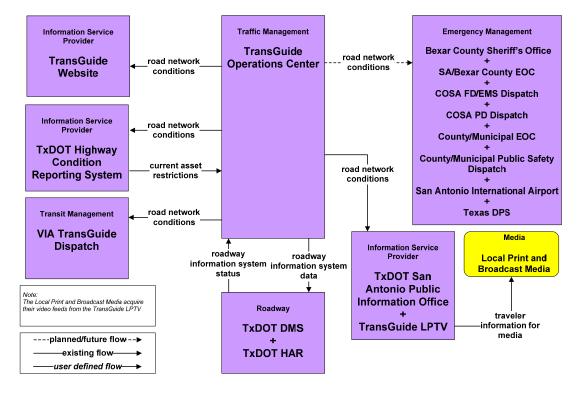
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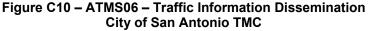


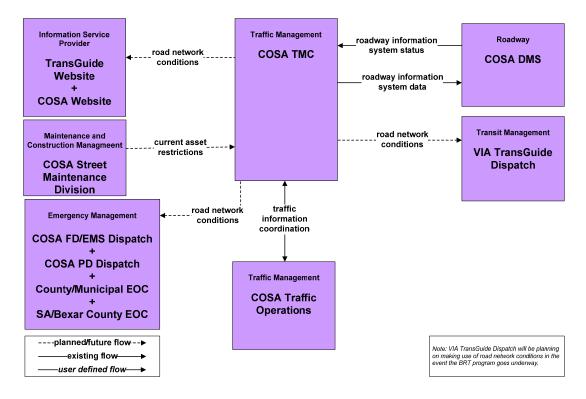








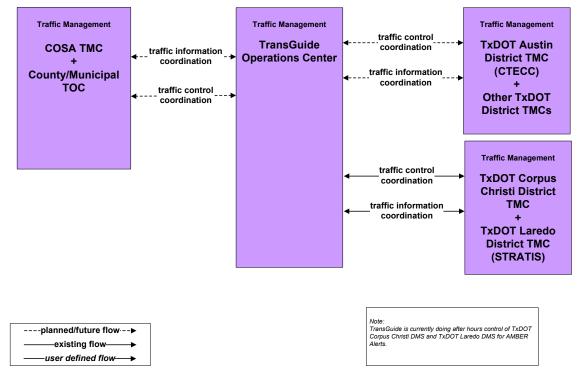




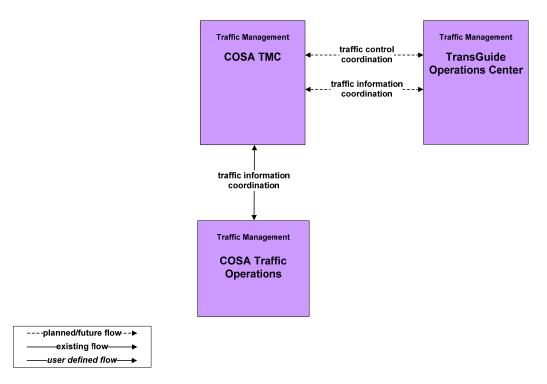




## Figure C11 – ATMS07 – Regional Traffic Control TransGuide



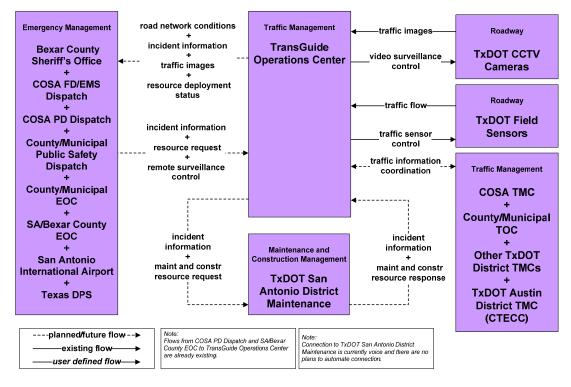




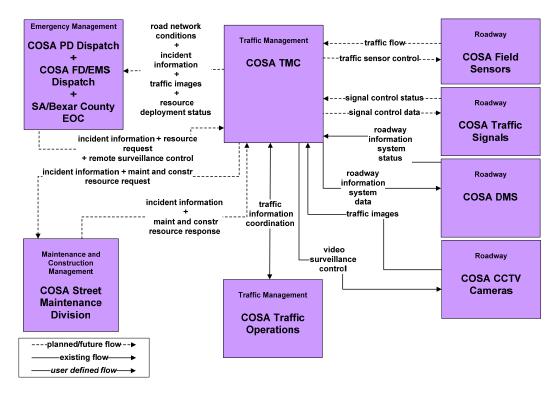




## Figure C13 – ATMS08 – Traffic Incident Management System TransGuide



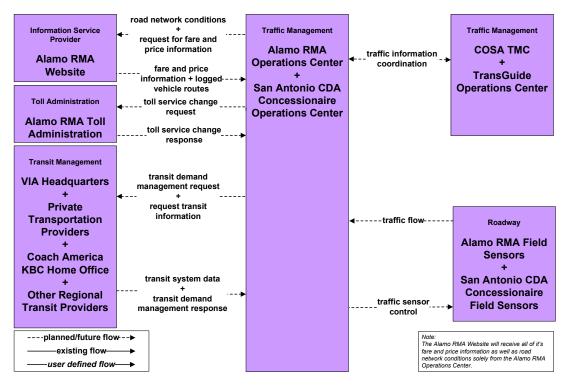
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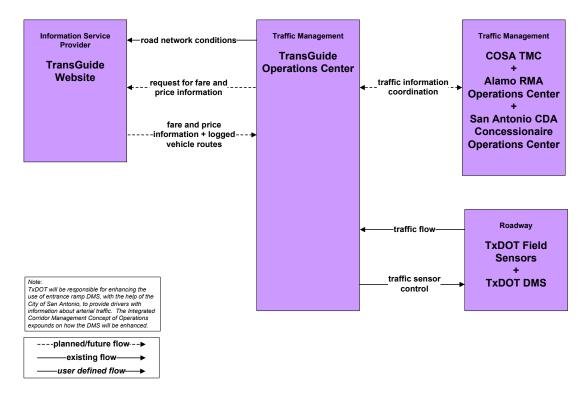




## Figure C15– ATMS09 – Traffic and Forecast Demand Management Alamo RMA



#### Figure C16 – ATMS09 – Traffic and Forecast Demand Management TransGuide







#### Figure C17 – ATMS10 – Electronic Toll Collection Alamo RMA

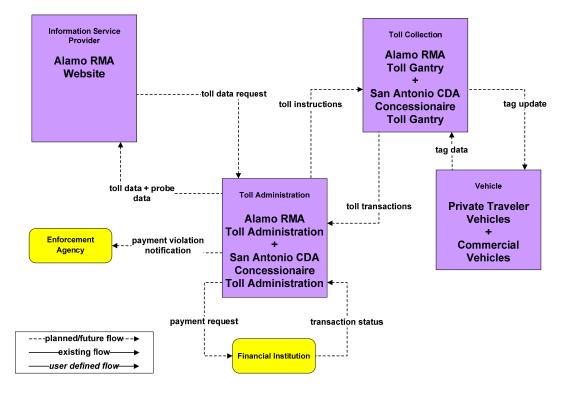
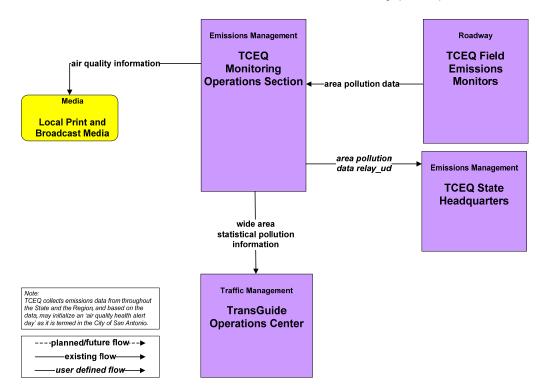


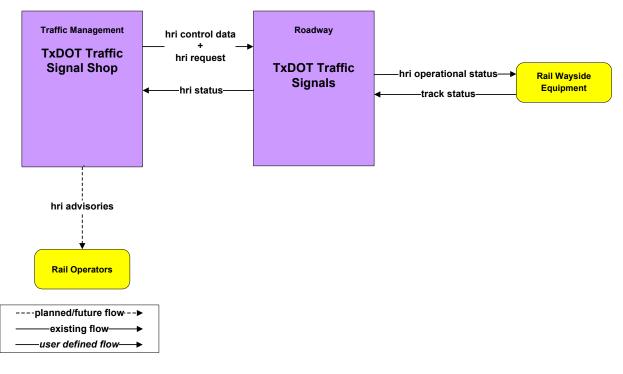
Figure C18 – ATMS11 – Emissions Monitoring and Management Texas Commission on Environmental Quality (TCEQ)



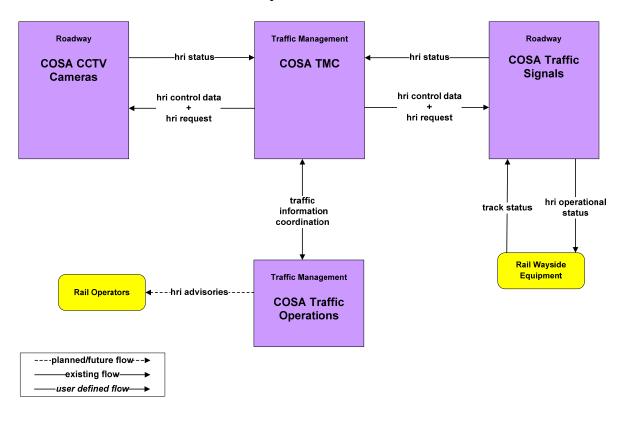




## Figure C19 – ATMS13 – Standard Railroad Grade Crossing TxDOT San Antonio District



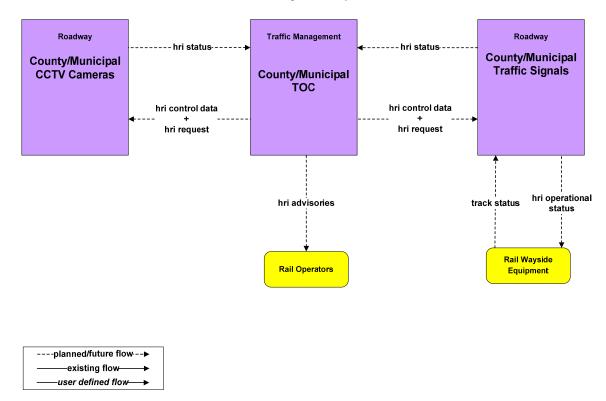




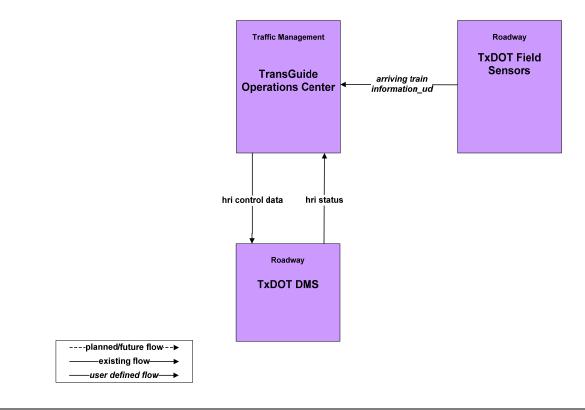




## Figure C21 – ATMS13 – Standard Railroad Grade Crossing County/Municipal



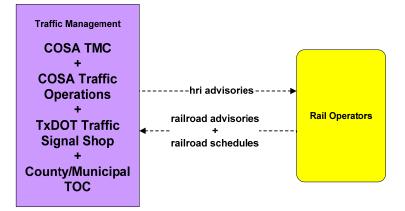
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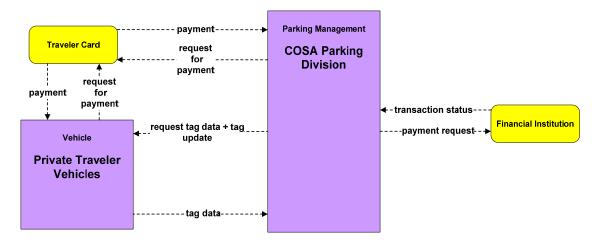


#### Figure C23 – ATMS15 – Railroad Operations Coordination TxDOT San Antonio District & City of San Antonio & Municipal/County



planned/future flow►
——existing flow——►
──user defined flow

### Figure C24 – ATMS16 – Parking Facility Management City of San Antonio



planned/future flow
──existing flow──►
──user defined flow──►





## Figure C25 – ATMS17 – Regional Parking Management City of San Antonio

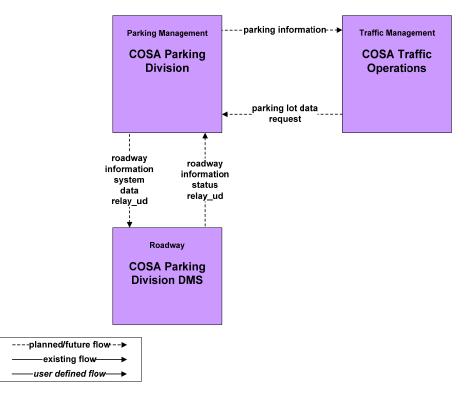
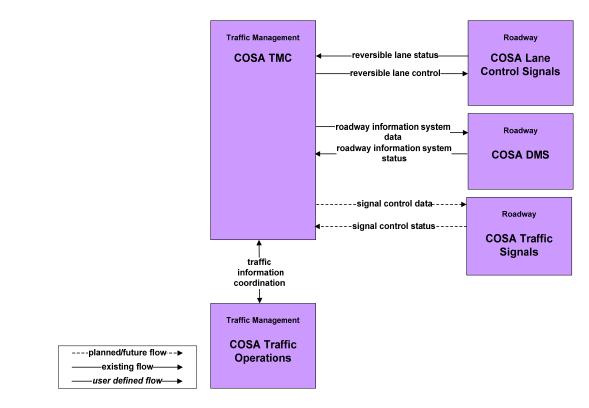


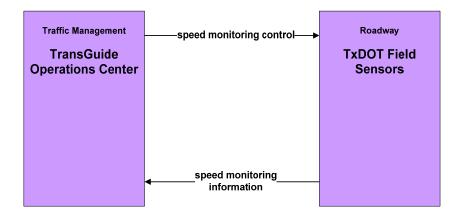
Figure C26 – ATMS18 – Reversible Lane Management City of San Antonio







## Figure C27 – ATMS19 – Speed Monitoring TransGuide

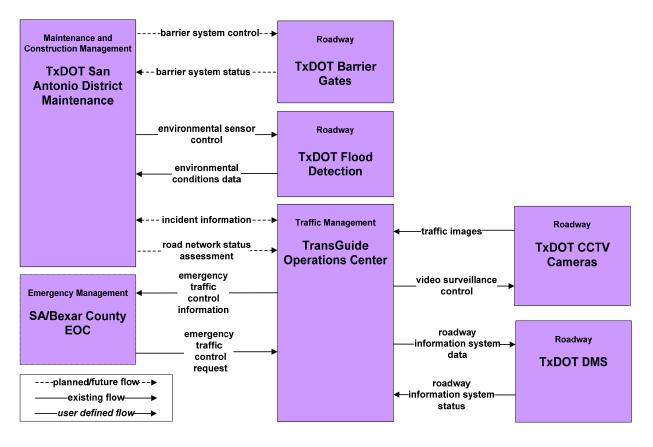


Note: TransGuide is currently posting travel times on DMS. The speed information flow could include existing or recommended travel speeds. For Truck Roll-Over Warning Systems the field

For Truck Roll-Over Warning Systems the field sensors could include an integrated visual warning system and speed detector which would warn drivers of excessive speeds.

----planned/future flow---► ——existing flow---► ——user defined flow---►

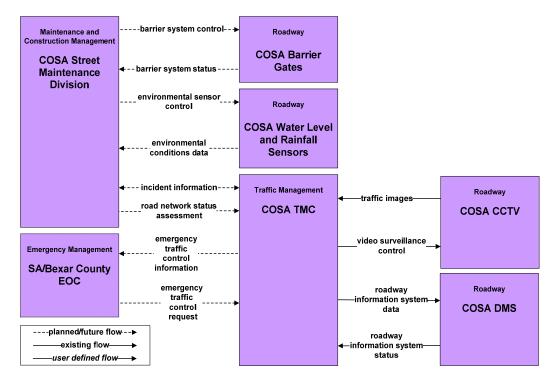
#### Figure C28 – ATMS21 – Roadway Closure Management TxDOT San Antonio District



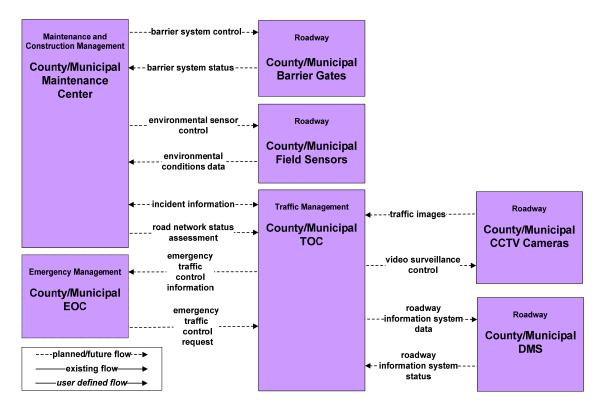




### Figure C29 – ATMS21 – Roadway Closure Management City of San Antonio



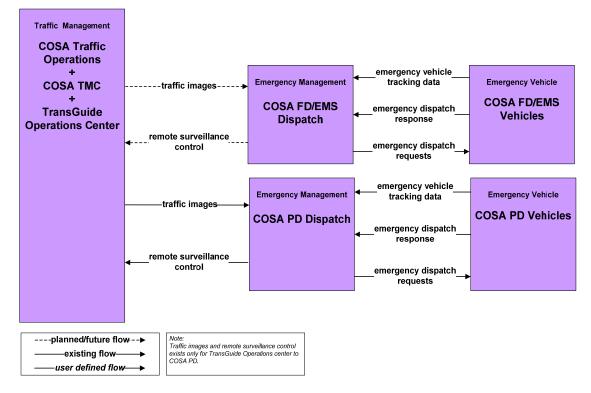


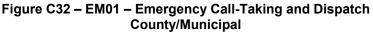


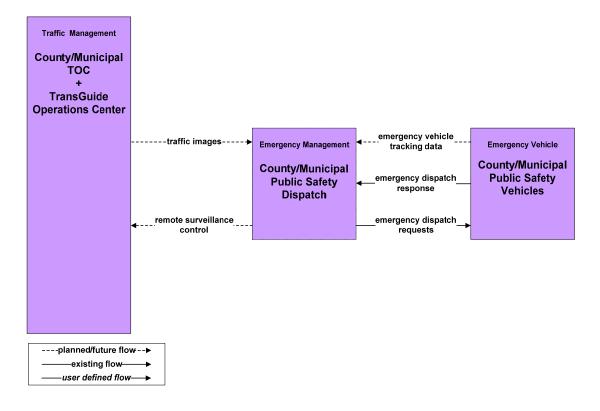




#### Figure C31 – EM01 – Emergency Call-Taking and Dispatch City of San Antonio



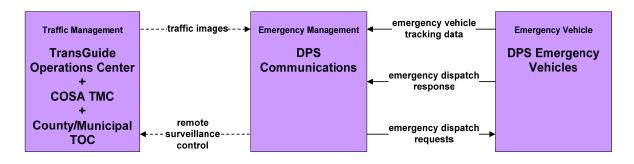


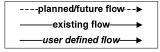




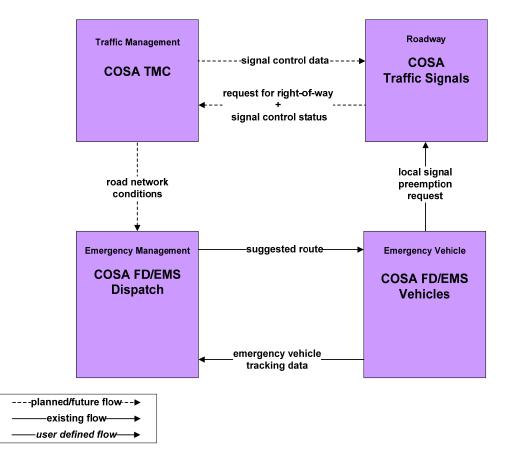


# Figure C33 – EM01 – Emergency Call-Taking and Dispatch DPS





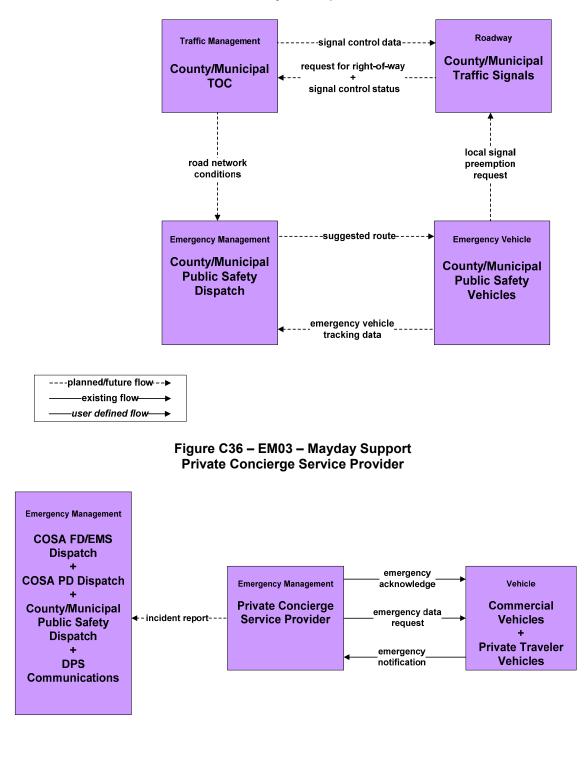
## Figure C34 – EM02 – Emergency Routing City of San Antonio







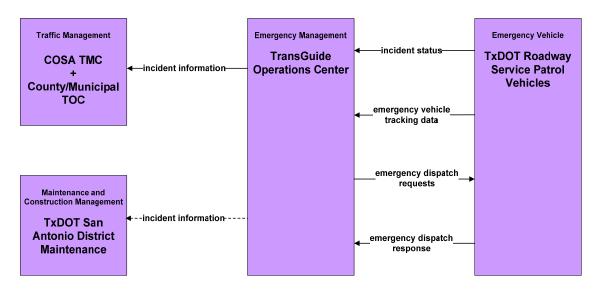
#### Figure C35 – EM02 – Emergency Routing County/Municipal





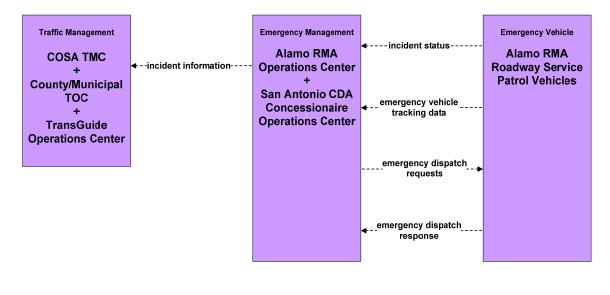


#### Figure C37 – EM04 – Roadway Service Patrols TxDOT San Antonio District



planned/future flow►
───existing flow──►
──user defined flow──►

#### Figure C38 – EM04 – Roadway Service Patrols Alamo RMA

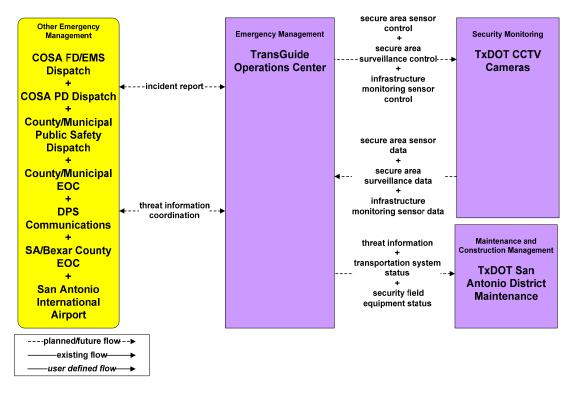


planned/future flow►
──existing flow──►
——user defined flow—→

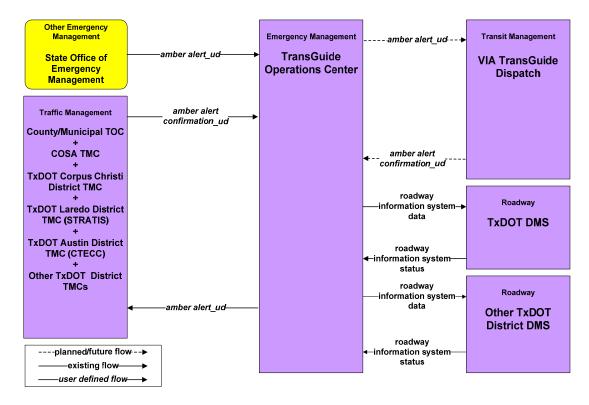




## Figure C39 – EM05 – Transportation Infrastructure Protection TxDOT San Antonio District



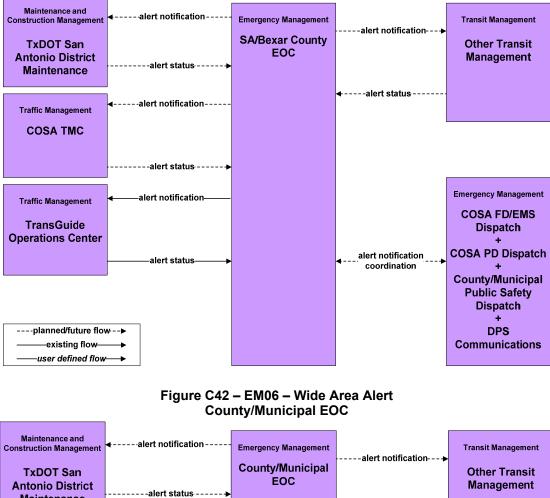
#### Figure C40 – EM06 – Wide Area Alert Statewide Amber Alert

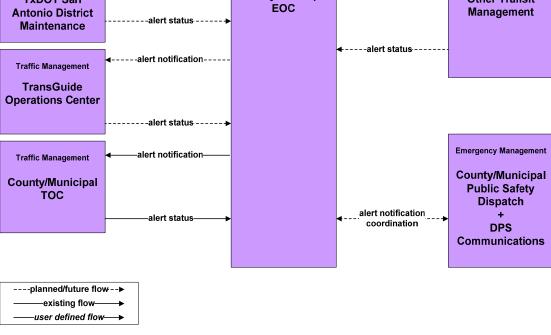






#### Figure C41 – EM06 – Wide Area Alert San Antonio/Bexar County EOC

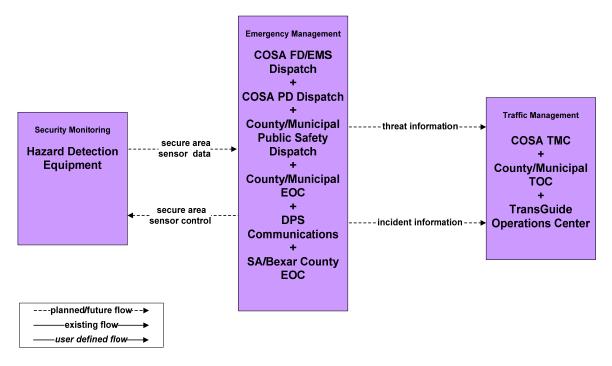




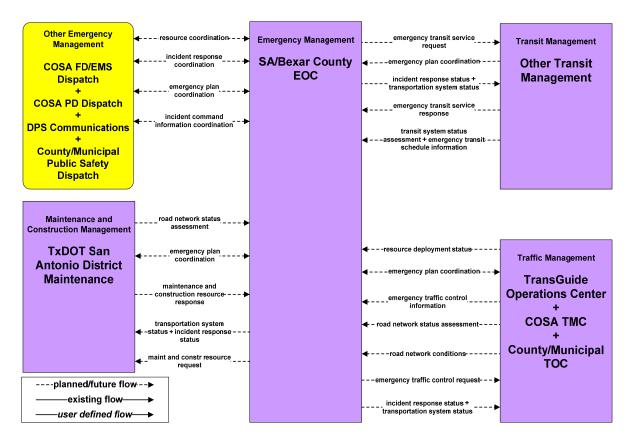




#### Figure C43 – EM07 – Early Warning System Hazard Detection Warning System











## Figure C45 – EM08 – Disaster Response and Recovery County/Municipal EOC

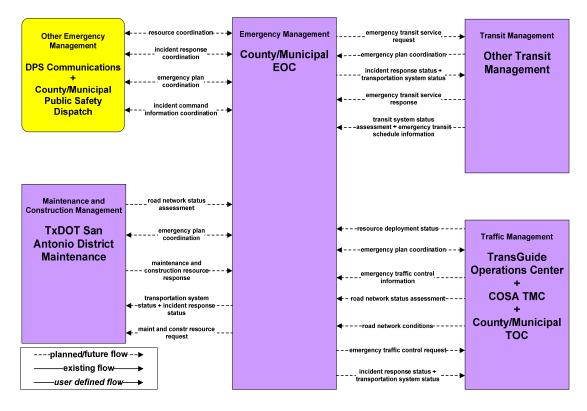
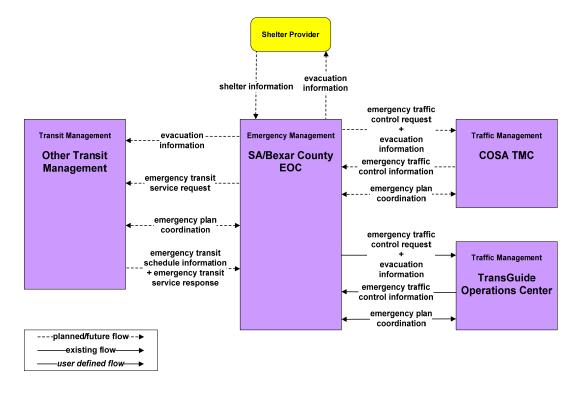


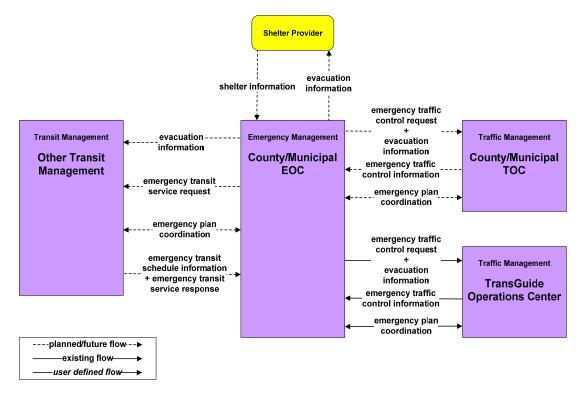
Figure C46 – EM09 – Evacuation and Reentry Management San Antonio/Bexar County EOC



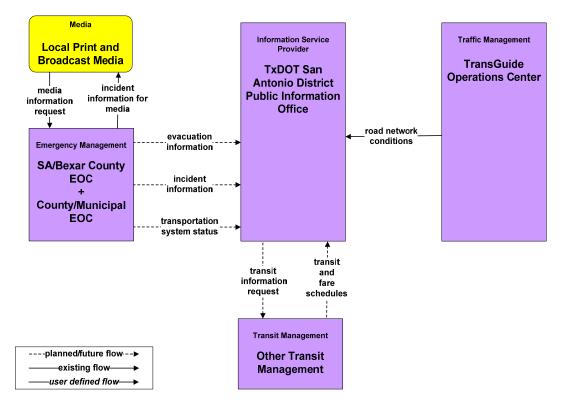




#### Figure C47 – EM09 – Evacuation and Reentry Management County/Municipal EOC



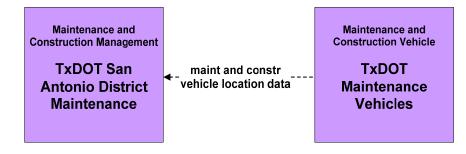
#### Figure C48 – EM10 – Disaster Traveler Information TxDOT San Antonio District





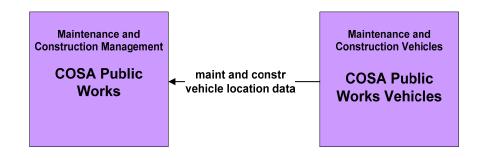


#### Figure C49 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking TxDOT San Antonio District



- ----planned/future flow---► existing flow---►
- ──user defined flow →

### Figure C50 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking City of San Antonio

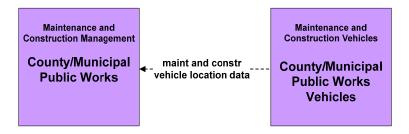


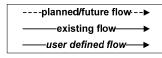
planned/future flow►
──existing flow
──user defined flow──►



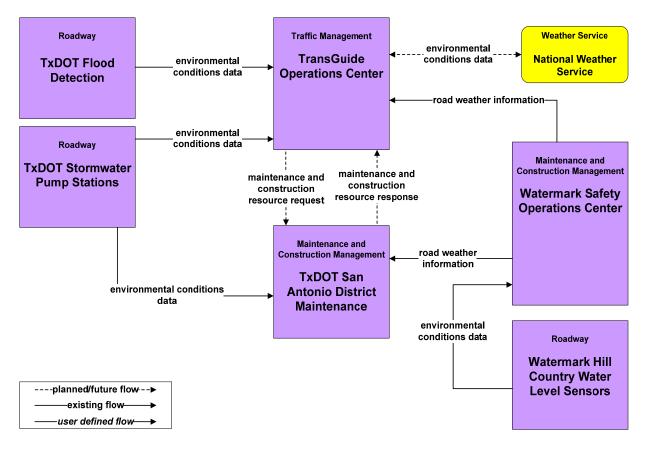


## Figure C51 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking County/Municipal





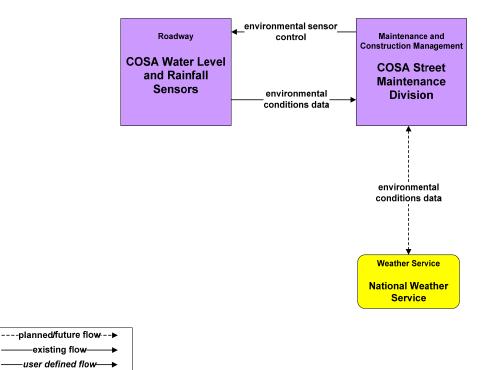
### Figure C52 – MC03 – Road Weather Data Collection TxDOT San Antonio District



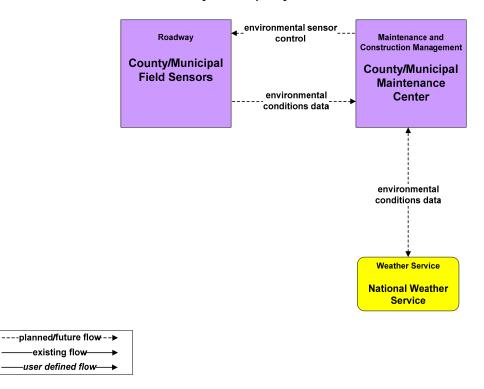




## Figure C53 – MC03 – Road Weather Data Collection City of San Antonio



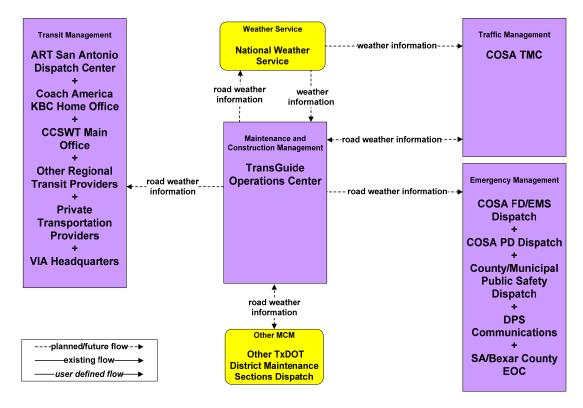
#### Figure C54 – MC03 – Road Weather Data Collection County/Municipality



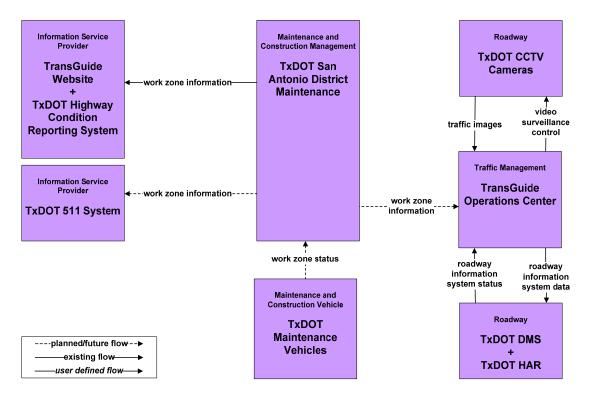




### Figure C55 – MC04 – Weather Information Processing and Distribution TxDOT San Antonio District



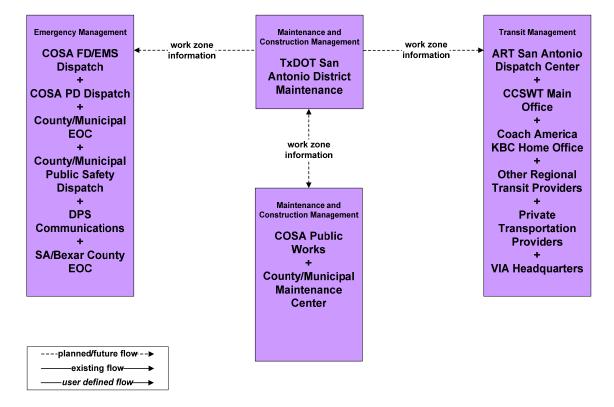
#### Figure C56 – MC08 – Work Zone Management TxDOT San Antonio District Maintenance (1 of 2)



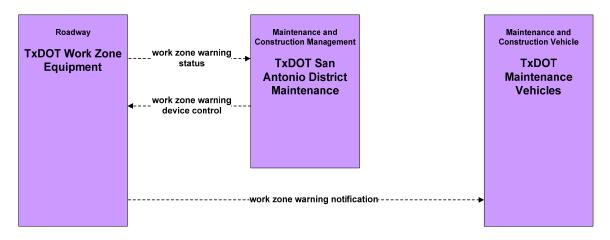




#### Figure C57 – MC08 – Work Zone Management TxDOT San Antonio District Maintenance (2 of 2)



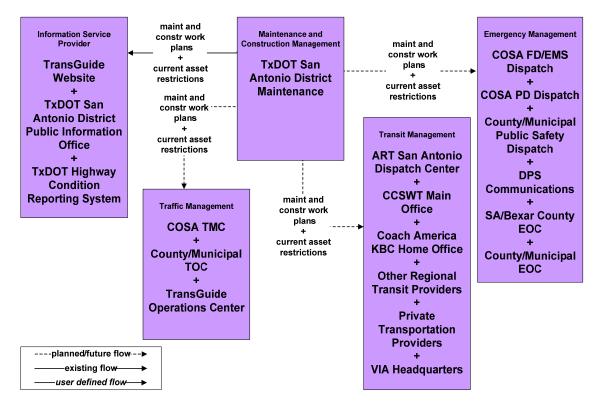
#### Figure C58 – MC09 – Work Zone Safety Monitoring TxDOT San Antonio District Maintenance



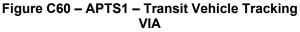
planned/future flow►
──existing flow
──user defined flow

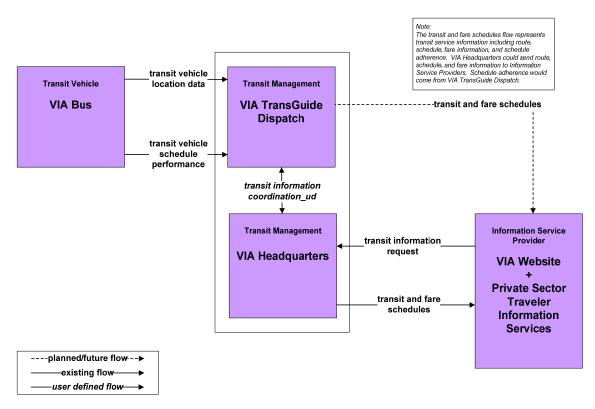






## Figure C59 – MC10 – Maintenance and Construction Activity Coordination



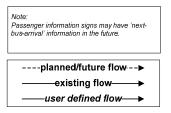




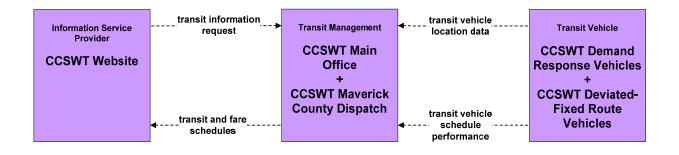


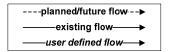
## Figure C61 – APTS1 – Transit Vehicle Tracking Coach America KBC





#### Figure C62 – APTS1 – Transit Vehicle Tracking Community Council of Southwest Texas

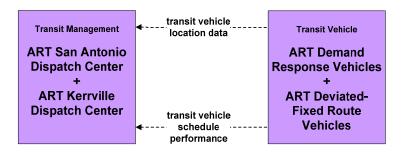


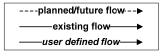




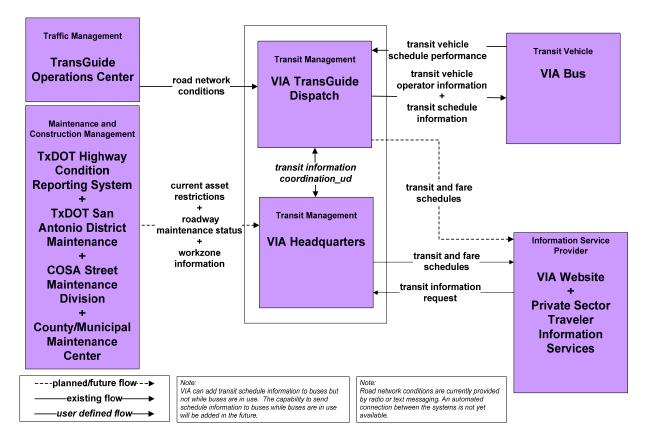


## Figure C63 – APTS1 – Transit Vehicle Tracking Alamo Regional Transit





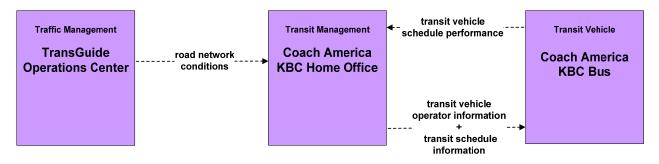






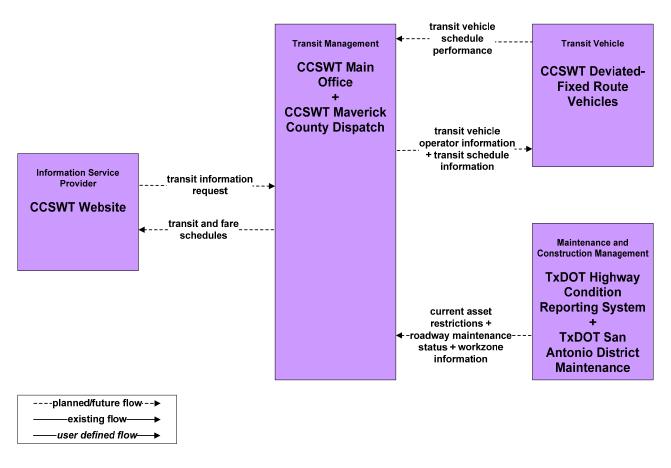


# Figure C65 – APTS2 – Transit Fixed-Route Operations Coach America KBC



planned/future flow►
───existing flow──►
──user defined flow──►

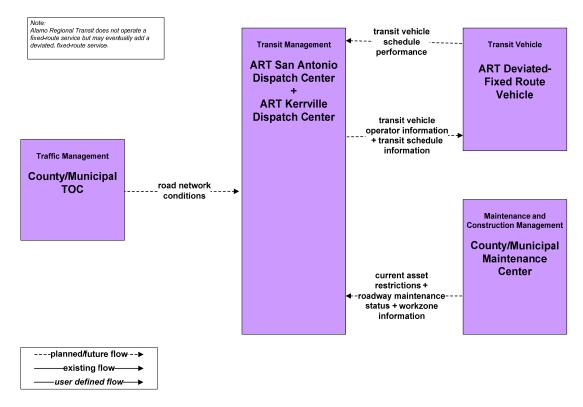
## Figure C66 – APTS2 – Transit Fixed-Route Operations Community Council of Southwest Texas



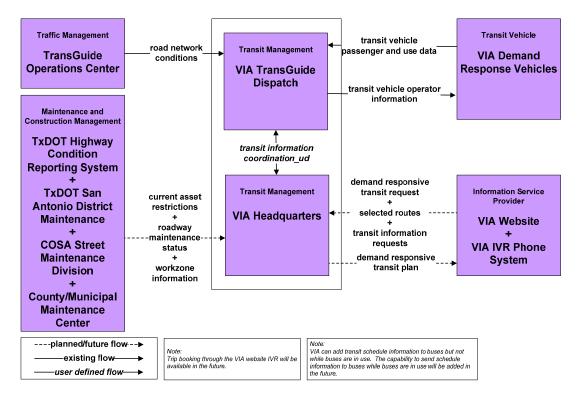




# Figure C67 – APTS2 – Transit Fixed-Route Operations Alamo Regional Transit



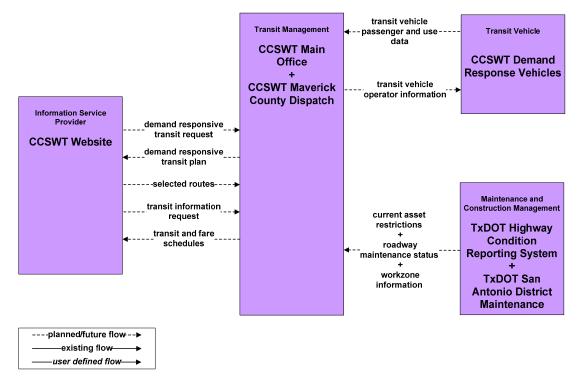




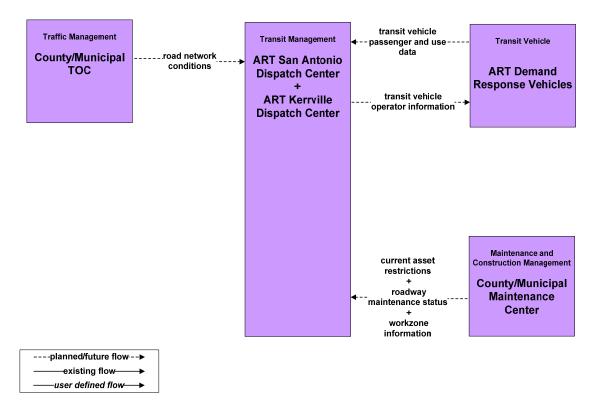




# Figure C69 – APTS3 – Demand Response Transit Operations Community Council of Southwest Texas



## Figure C70 – APTS3 – Demand Response Transit Operations Alamo Regional Transit









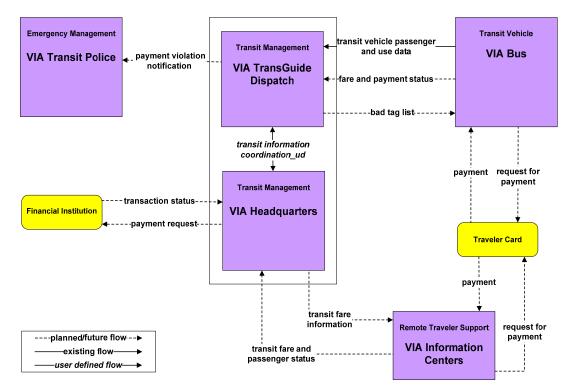
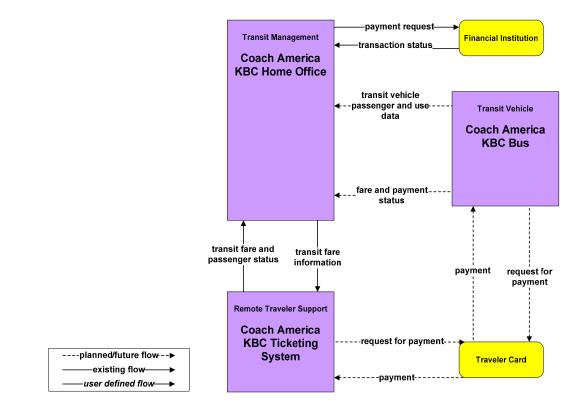


Figure C72 – APTS4 – Transit Passenger and Fare Management Coach America KBC







# Figure C73 – APTS4 – Transit Passenger and Fare Management Community Council of Southwest Texas

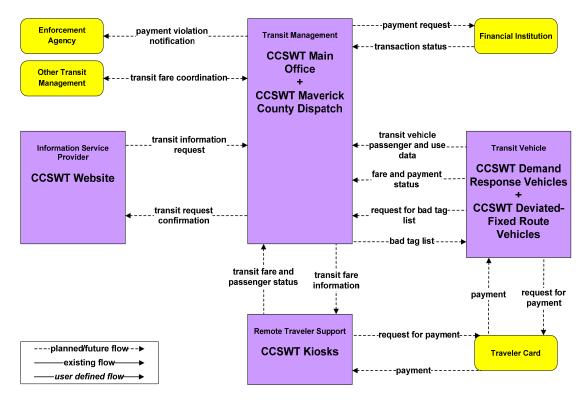
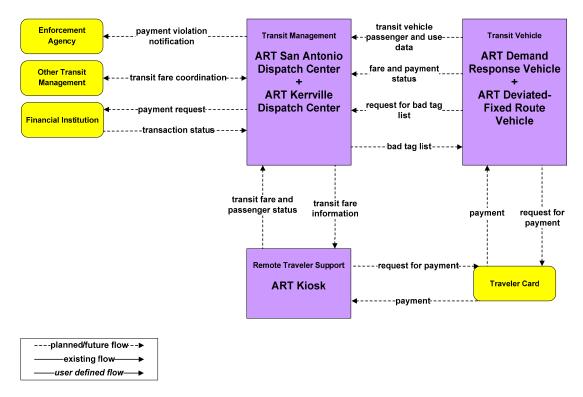


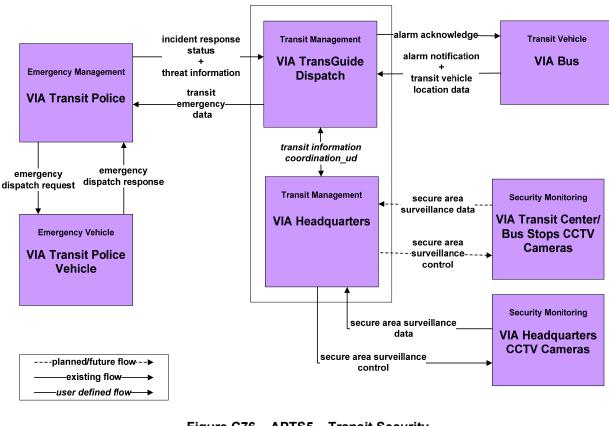
Figure C74 – APTS4 – Transit Passenger and Fare Management Alamo Regional Transit



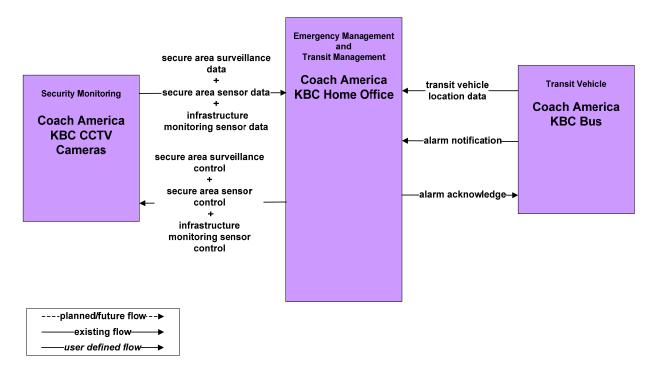




### Figure C75 – APTS5 – Transit Security VIA



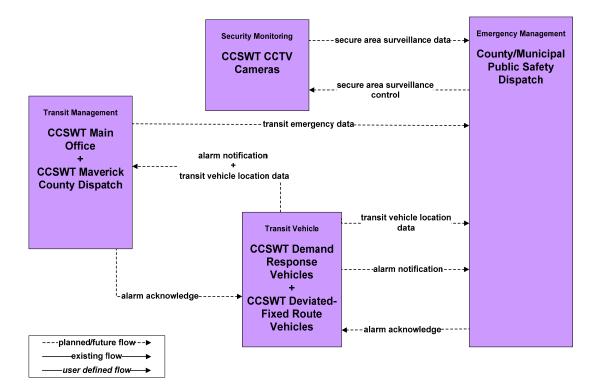
### Figure C76 – APTS5 – Transit Security Coach America KBC



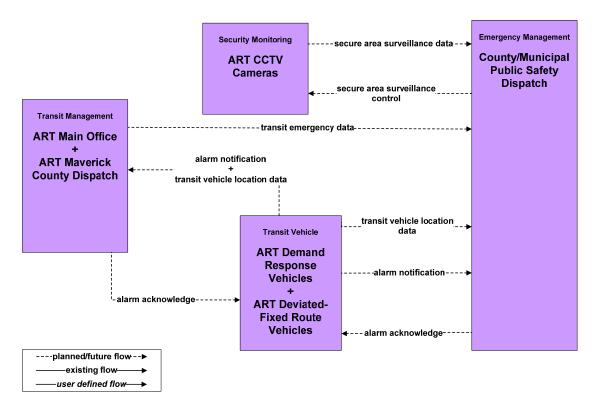




## Figure C77 – APTS5 – Transit Security Community Council of Southwest Texas



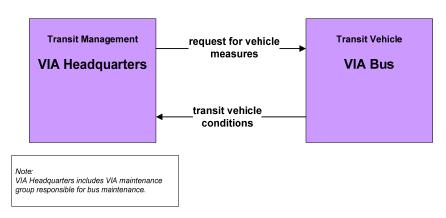
# Figure C78 – APTS5 – Transit Security Alamo Regional Transit

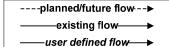




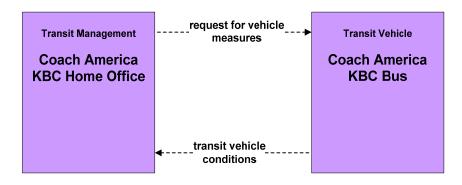


### Figure C79 – APTS6 – Transit Maintenance VIA





# Figure C80 – APTS6 – Transit Maintenance Coach America KBC

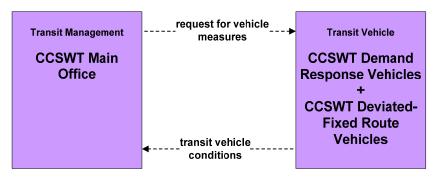


planned/future flow►
───existing flow──►
──user defined flow →



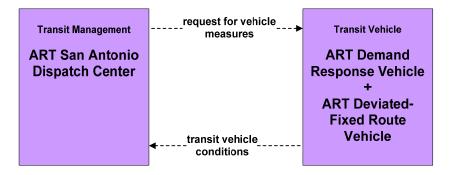


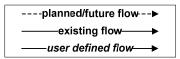
### Figure C81 – APTS6 – Transit Maintenance Community Council of Southwest Texas



----planned/future flow---► ——existing flow---► ——user defined flow---►

## Figure C82 – APTS6 – Transit Maintenance Alamo Regional Transit

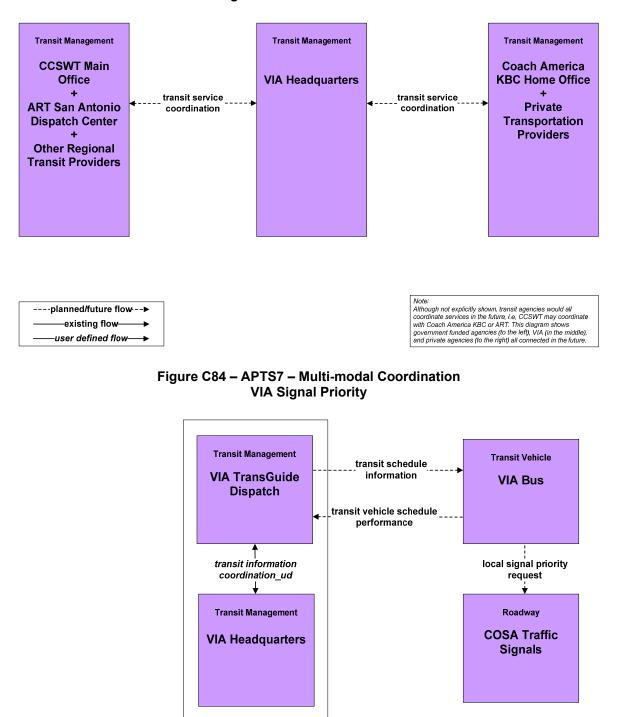


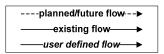






### Figure C83 – APTS7 – Multi-modal Coordination Regional Transit Coordination

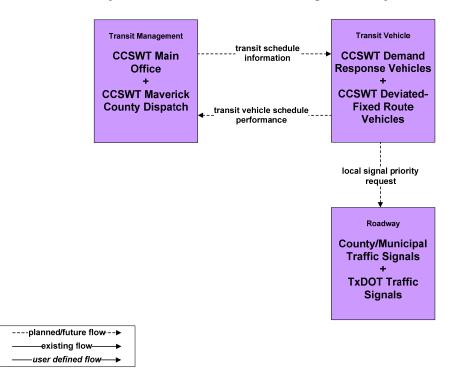




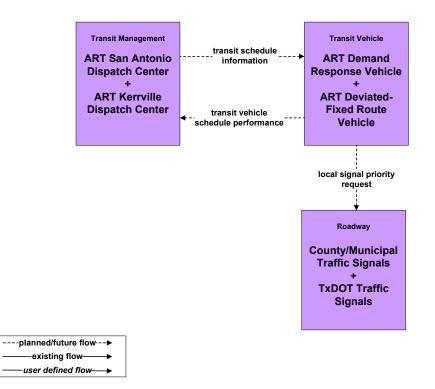




### Figure C85 – APTS7 – Multi-modal Coordination Community Council of Southwest Texas Signal Priority



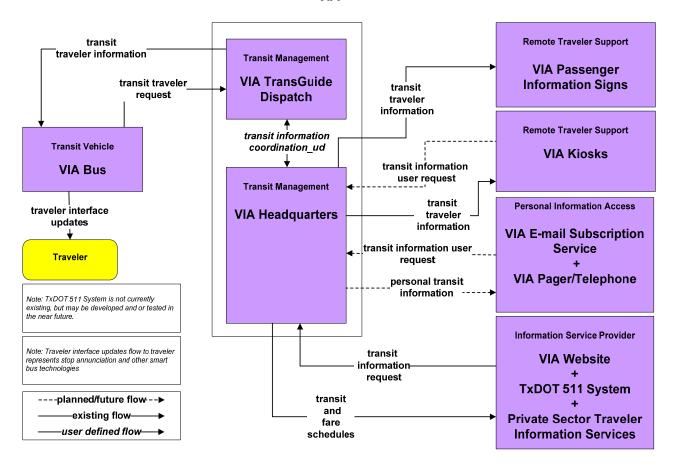
## Figure C86 – APTS7 – Multi-modal Coordination Alamo Regional Transit Signal Priority



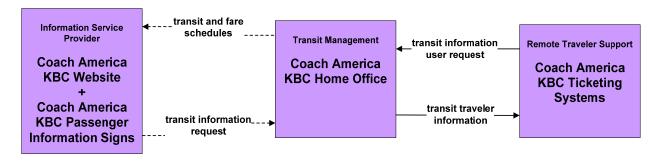




# Figure C87 – APTS8 – Transit Traveler Information VIA





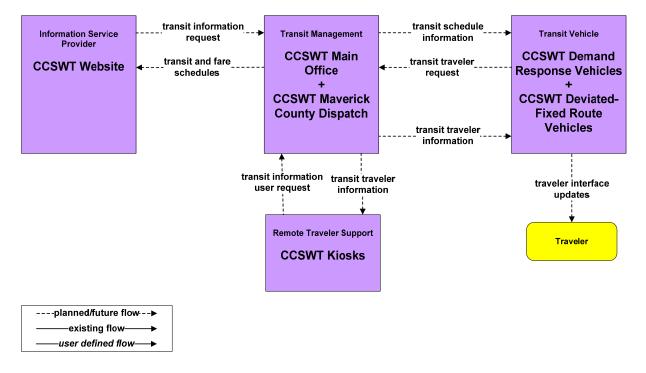


Note: Passenger information signs may have 'next- bus-arrival' information in the future
planned/future flow►
——existing flow——►
——user defined flow—►

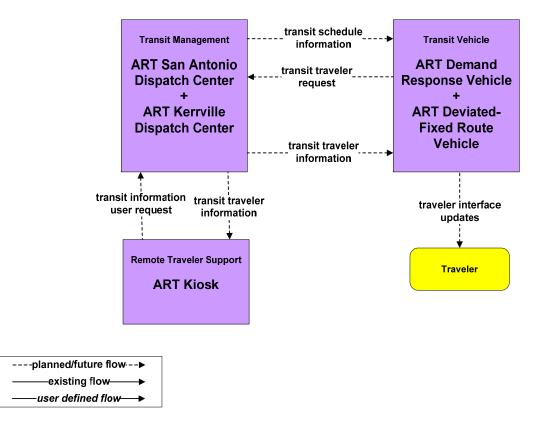




## Figure C89 – APTS8 – Transit Traveler Information Community Council of Southwest Texas



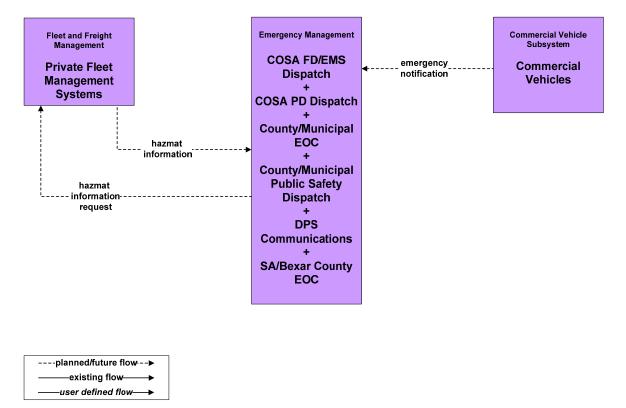
## Figure C90 – APTS8 – Transit Traveler Information Alamo Regional Transit



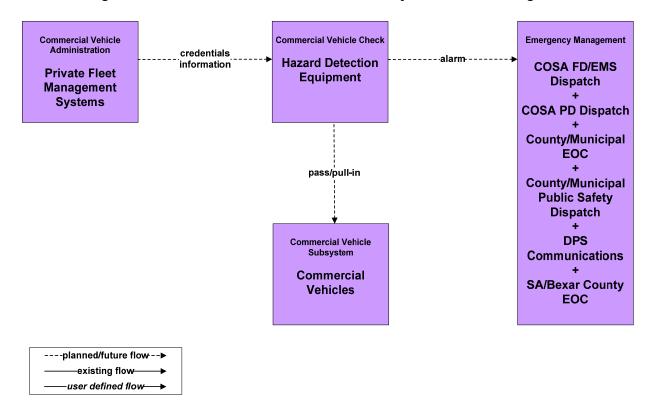




# Figure C91 – CVO10 – HAZMAT Management



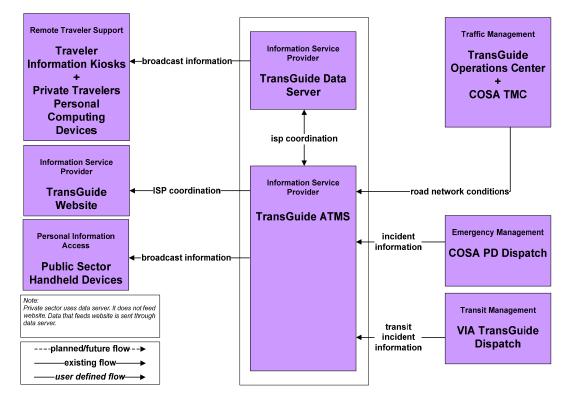
# Figure C92 – CVO11 – Roadside HAZMAT Security Detection and Mitigation



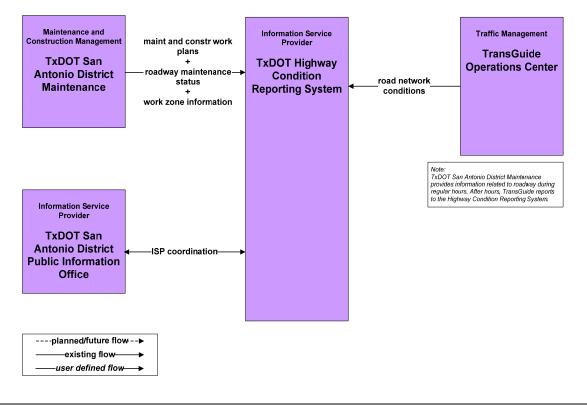




# Figure C93 – ATIS1 – Broadcast Traveler Information TransGuide Data Server



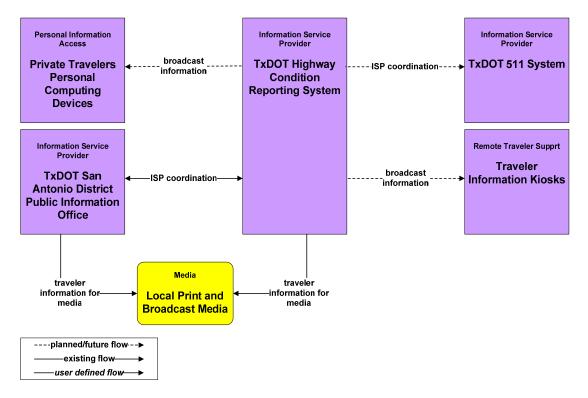
## Figure C94 – ATIS1 – Broadcast Traveler Information TxDOT Highway Condition Reporting System (Inputs)



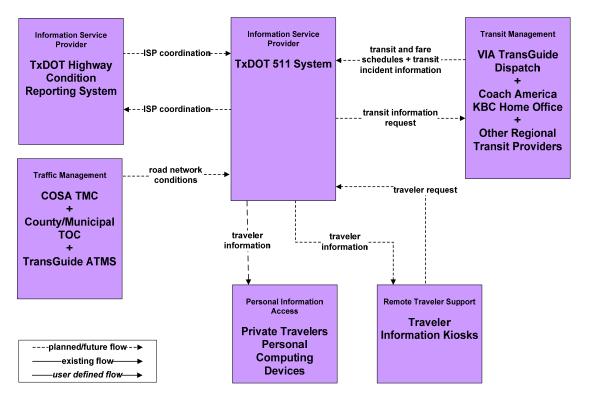




### Figure C95 – ATIS1 – Broadcast Traveler Information TxDOT Highway Condition Reporting System (Outputs)

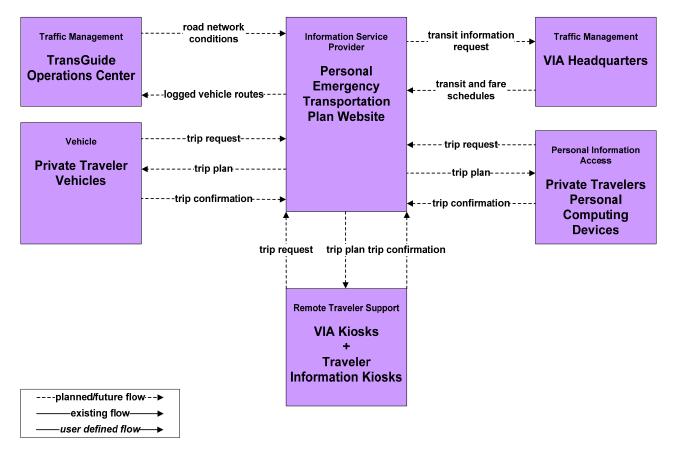
















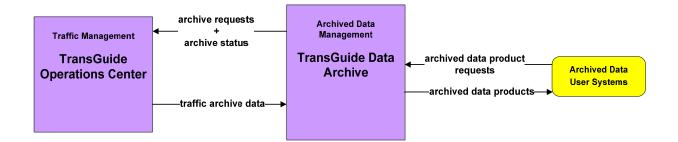
Personal Information Access	trip request►	Information Service Provider
Private Travelers Personal	<──trip plan	AACOG Website
Computing Devices	trip confirmation>	

planned/future flow►
──existing flow
──user defined flow──►





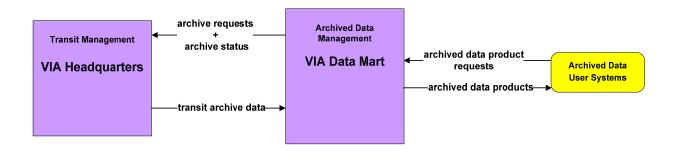
## Figure C99 – AD1 – ITS Data Mart TxDOT San Antonio District



planned/future flow►
──existing flow

──user defined flow──►

# Figure C100 – AD1 – ITS Data Mart VIA

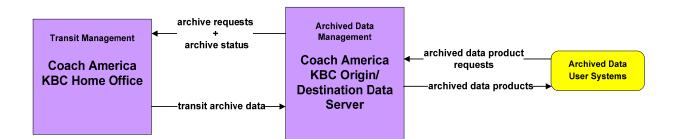


planned/future flow►
───existing flow──►
──user defined flow →



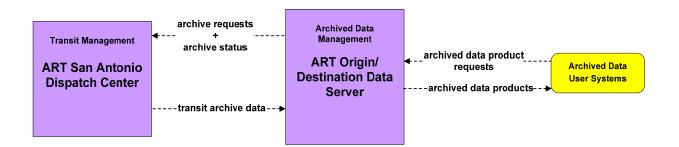


### Figure C101 – AD1 – ITS Data Mart Coach America KBC



planned/future flow►
──existing flow
──user defined flow──►

# Figure C102 – AD1 – ITS Data Mart Alamo Regional Transit

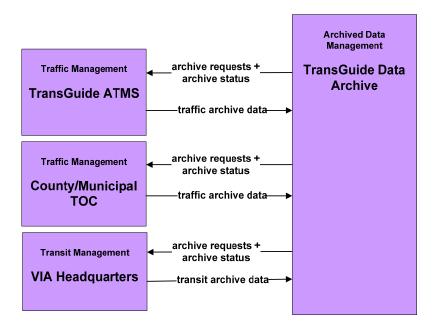


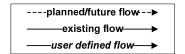
- ----planned/future flow---►
- ───existing flow──►
- ──user defined flow →





### Figure C103 – AD2 – ITS Data Warehouse Regional Data Archive





## Figure C104 – AD3 – ITS Virtual Data Warehouse Regional Data Archive

