



APPENDIX C – CUSTOMIZED MARKET PACKAGES





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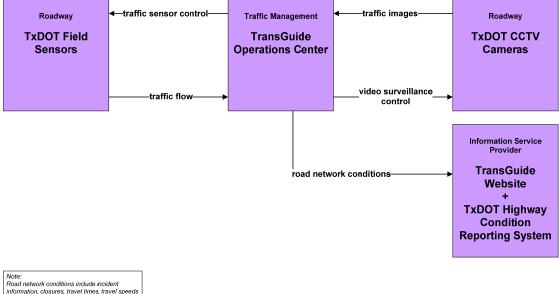
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Figure C1 – ATMS01 – Network Surveillance TransGuide



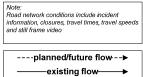


Figure C2 – ATMS01 – Network Surveillance City of San Antonio TMC

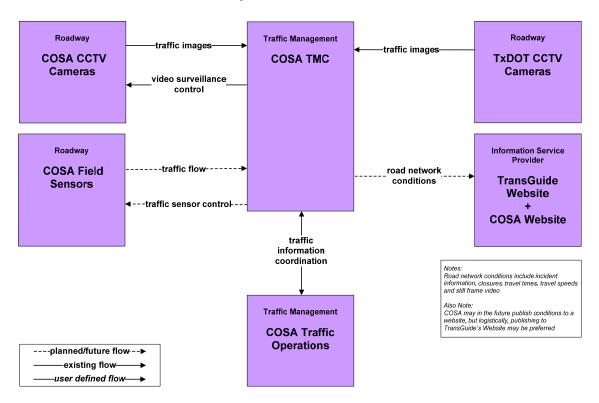
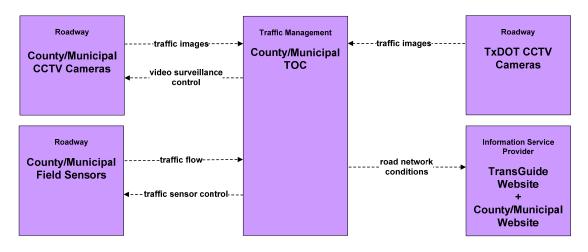






Figure C3 – ATMS01 – Network Surveillance County/Municipal TOC



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

Figure C4 – ATMS02 – Probe Surveillance Alamo RMA/TransGuide

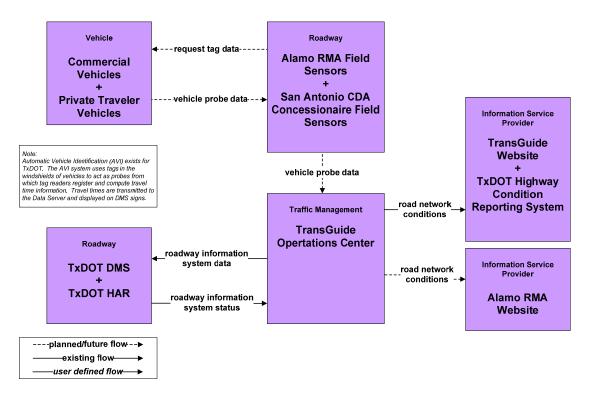
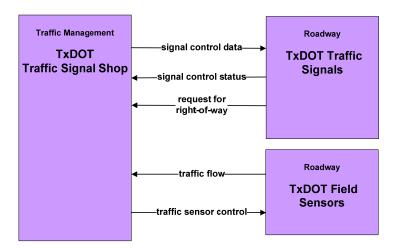






Figure C5 – ATMS03 – Surface Street Control TxDOT San Antonio District



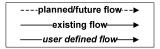


Figure C6 – ATMS03 – Surface Street Control City of San Antonio

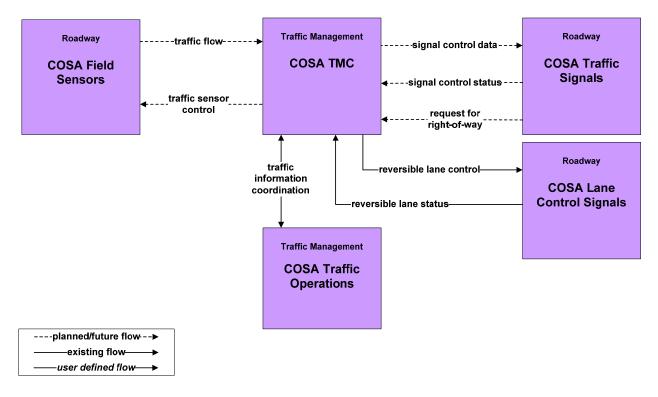
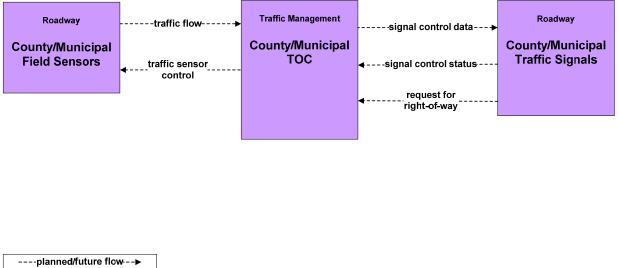
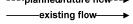






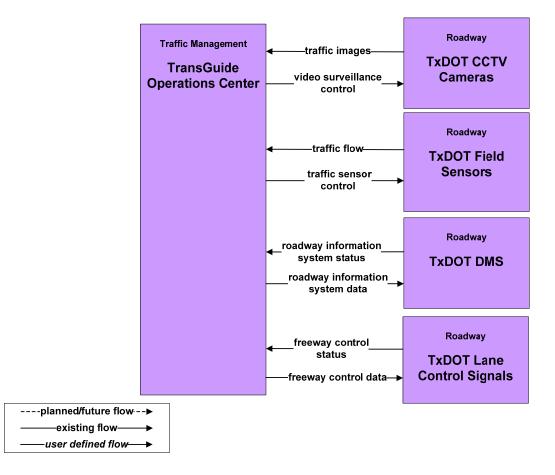
Figure C7 – ATMS03 – Surface Street Control County/Municipal





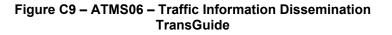
—user defined flow →

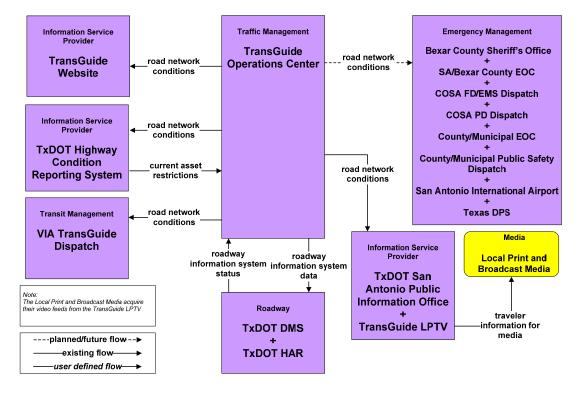
Figure C8 – ATMS04 – Freeway Control TransGuide

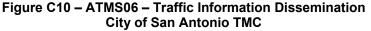












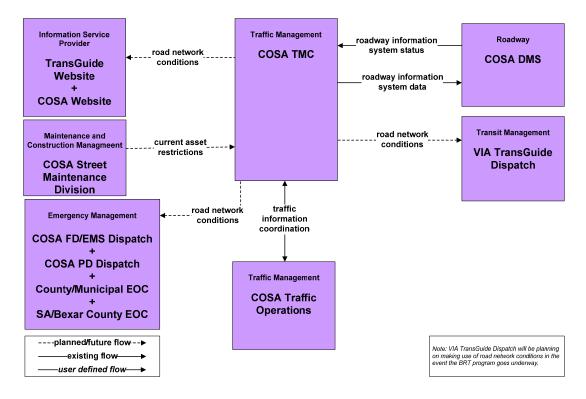
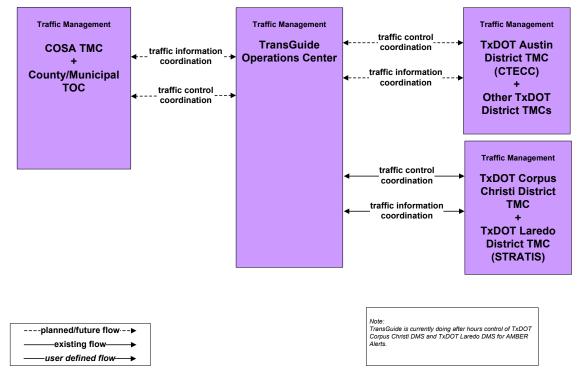






Figure C11 – ATMS07 – Regional Traffic Control TransGuide





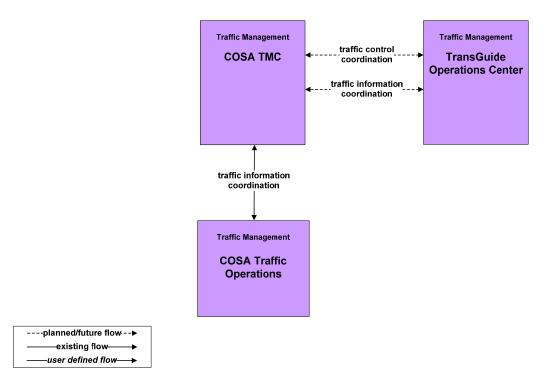






Figure C13 – ATMS08 – Traffic Incident Management System TransGuide

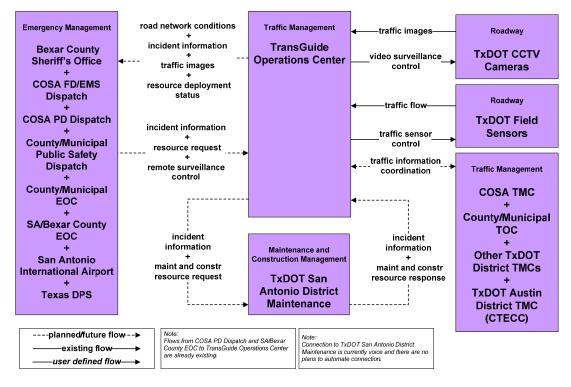


Figure C14 – ATMS08 – Traffic Incident Management System City of San Antonio

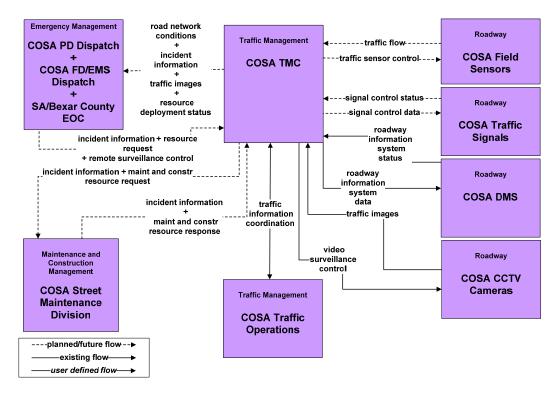






Figure C15– ATMS09 – Traffic and Forecast Demand Management Alamo RMA

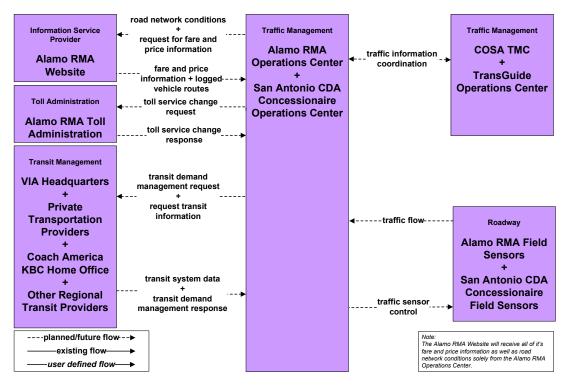


Figure C16 – ATMS09 – Traffic and Forecast Demand Management TransGuide

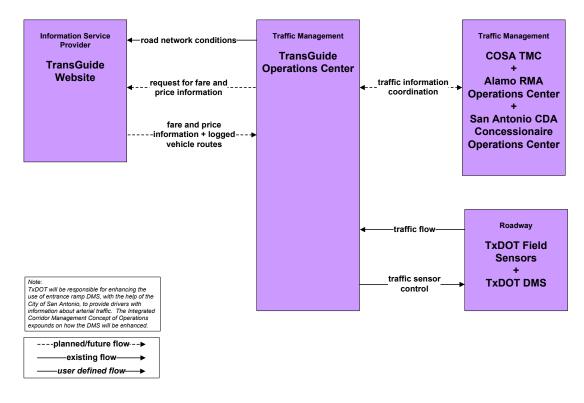






Figure C17 – ATMS10 – Electronic Toll Collection Alamo RMA

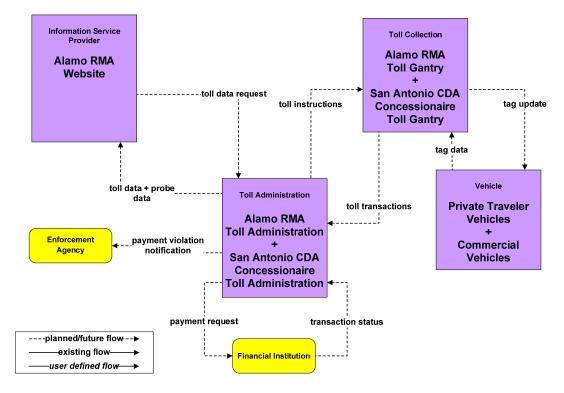


Figure C18 – ATMS11 – Emissions Monitoring and Management Texas Commission on Environmental Quality (TCEQ)

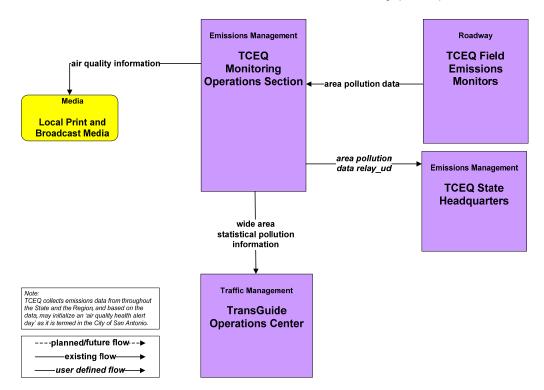
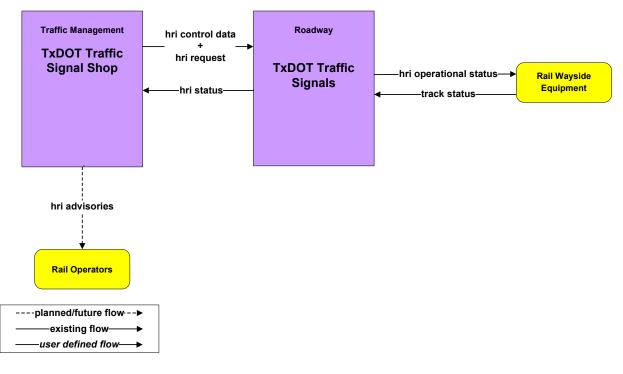






Figure C19 – ATMS13 – Standard Railroad Grade Crossing TxDOT San Antonio District





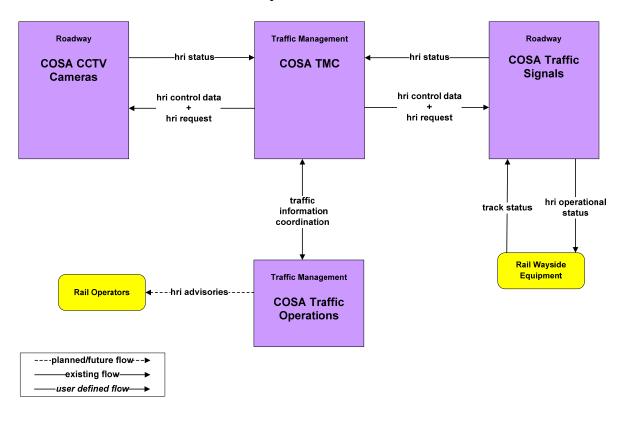






Figure C21 – ATMS13 – Standard Railroad Grade Crossing County/Municipal

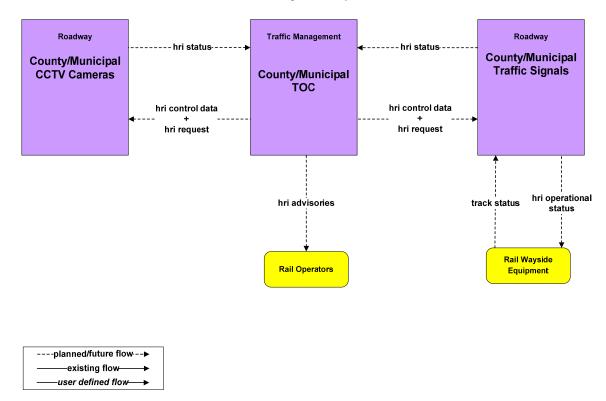


Figure C22 – ATMS14 – Advanced Railroad Grade Crossing TxDOT San Antonio District

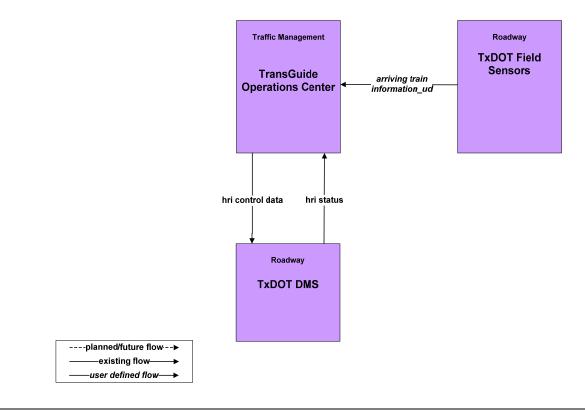
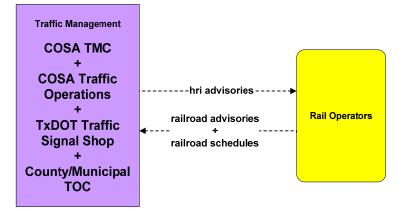




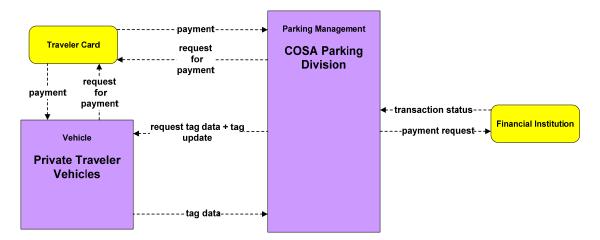


Figure C23 – ATMS15 – Railroad Operations Coordination TxDOT San Antonio District & City of San Antonio & Municipal/County



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

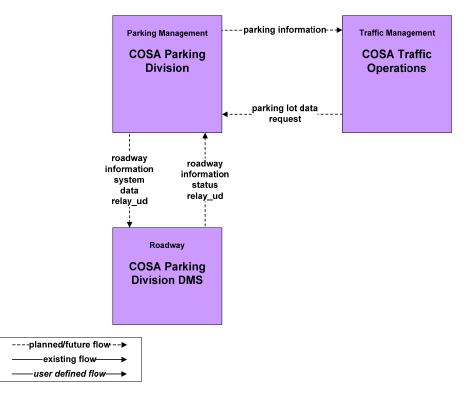


Figure C26 – ATMS18 – Reversible Lane Management City of San Antonio

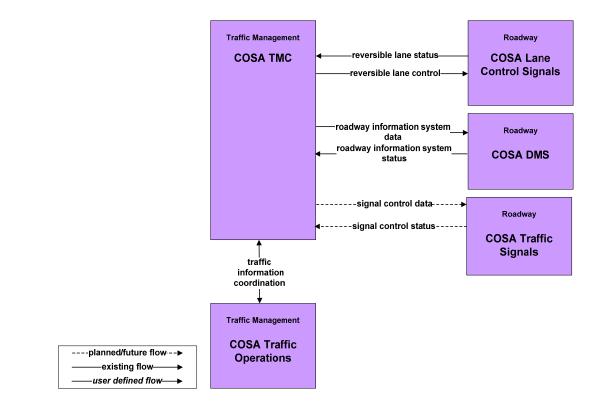
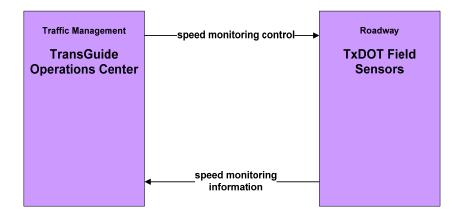






Figure C27 – ATMS19 – Speed Monitoring TransGuide



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

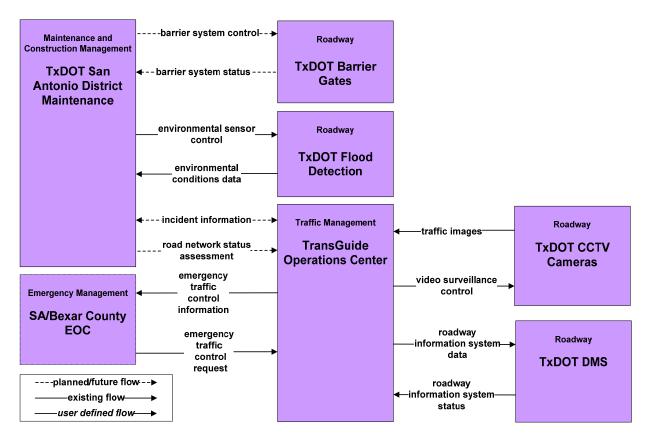
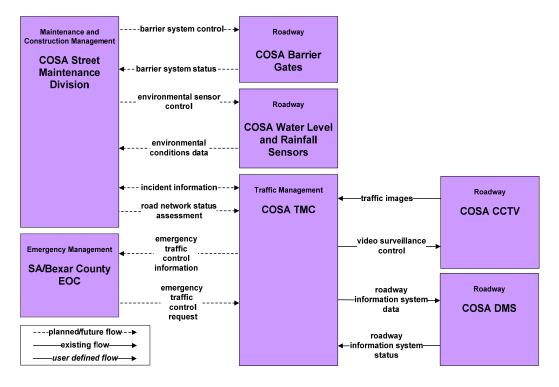






Figure C29 – ATMS21 – Roadway Closure Management City of San Antonio





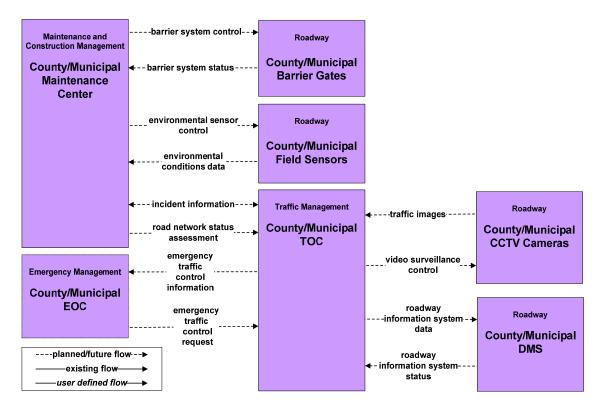
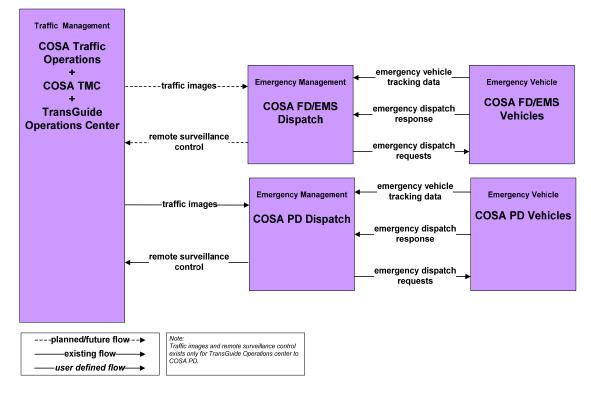






Figure C31 – EM01 – Emergency Call-Taking and Dispatch City of San Antonio





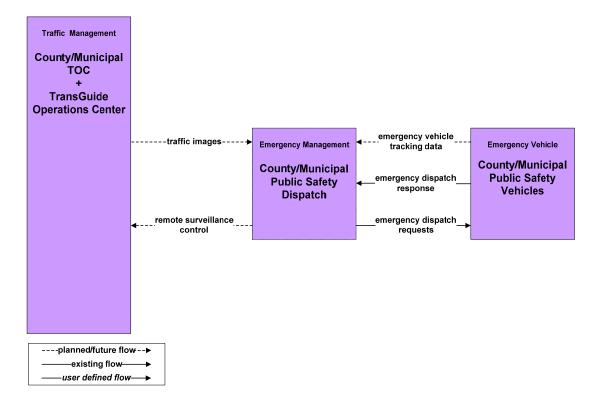
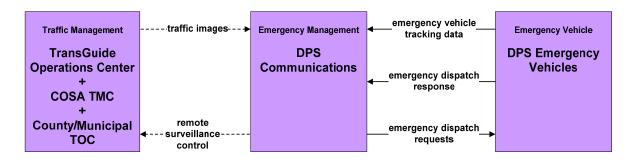






Figure C33 – EM01 – Emergency Call-Taking and Dispatch DPS



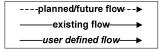


Figure C34 – EM02 – Emergency Routing City of San Antonio

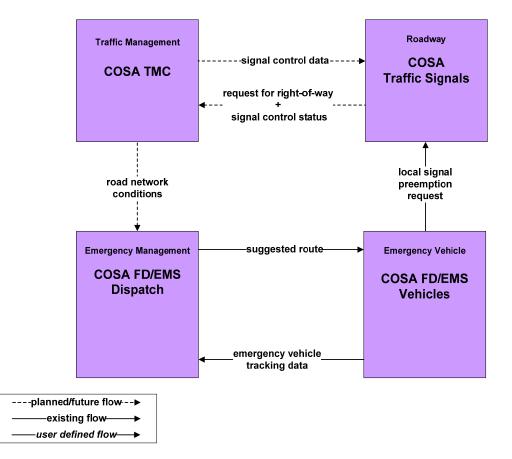






Figure C35 – EM02 – Emergency Routing County/Municipal

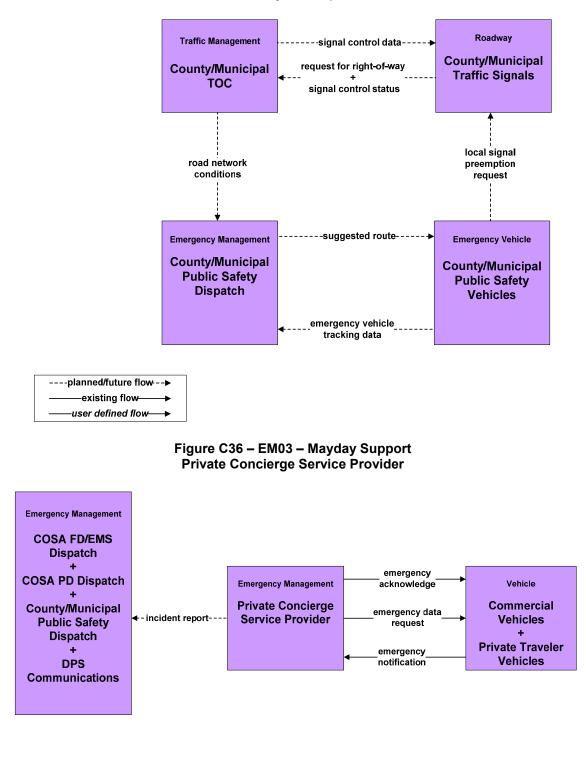
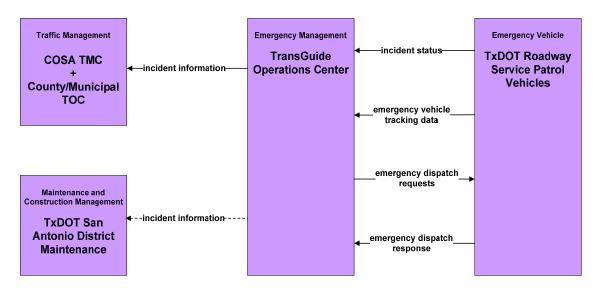




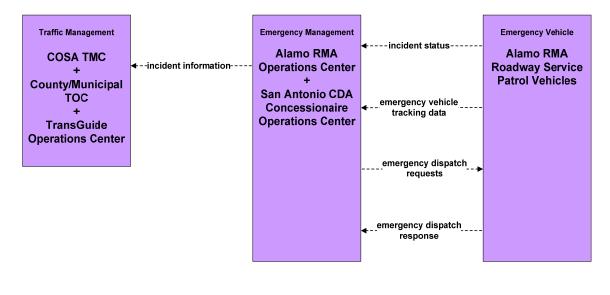


Figure C37 – EM04 – Roadway Service Patrols TxDOT San Antonio District



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

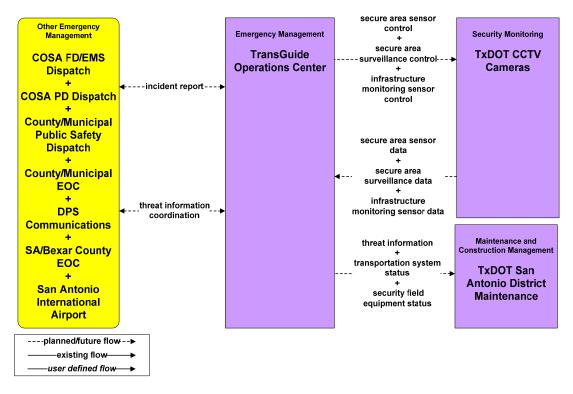


Figure C40 – EM06 – Wide Area Alert Statewide Amber Alert

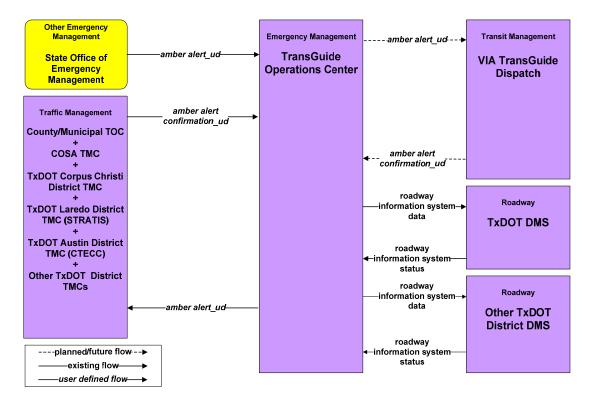
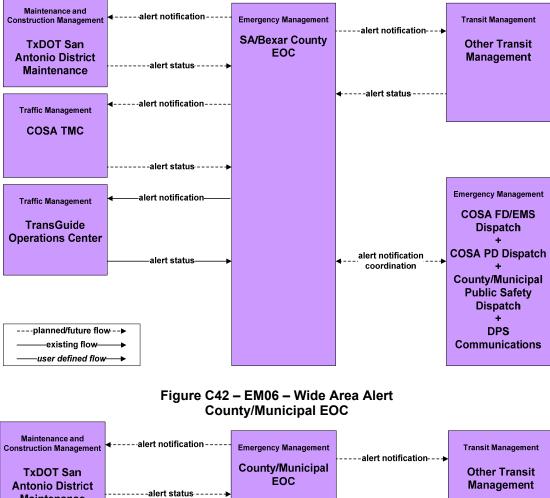






Figure C41 – EM06 – Wide Area Alert San Antonio/Bexar County EOC



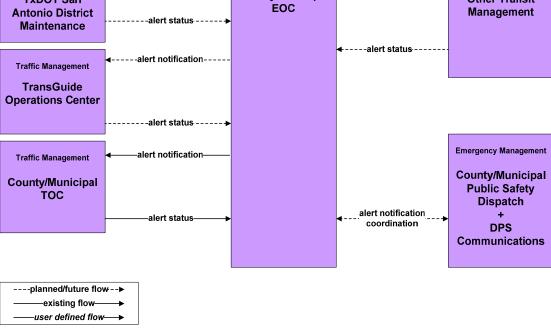
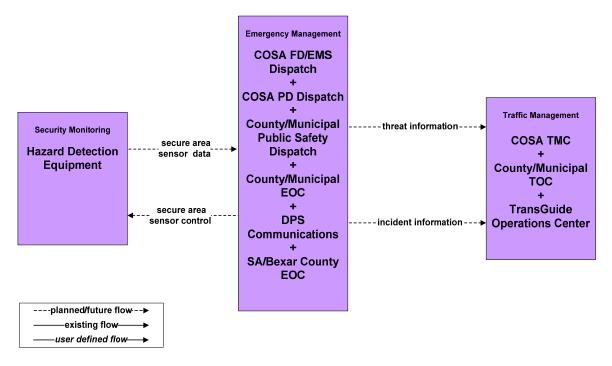






Figure C43 – EM07 – Early Warning System Hazard Detection Warning System





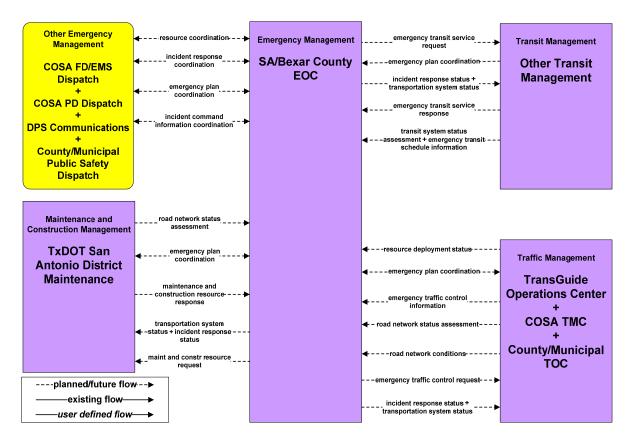






Figure C45 – EM08 – Disaster Response and Recovery County/Municipal EOC

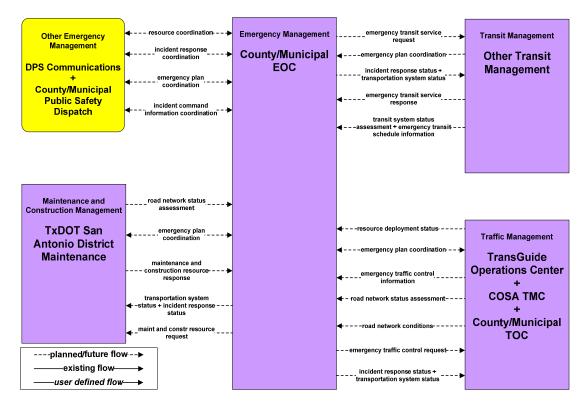


Figure C46 – EM09 – Evacuation and Reentry Management San Antonio/Bexar County EOC

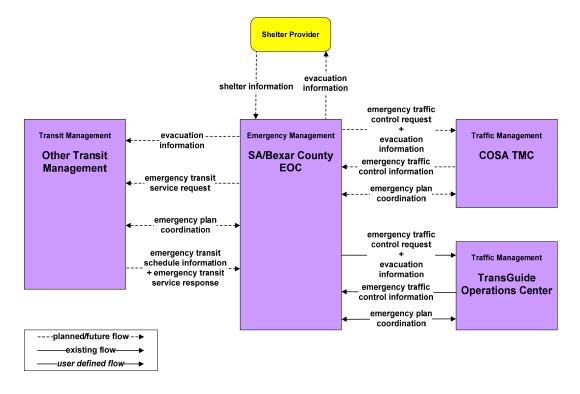






Figure C47 – EM09 – Evacuation and Reentry Management County/Municipal EOC

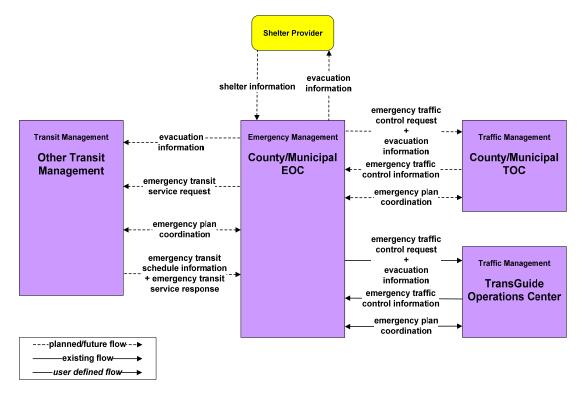


Figure C48 – EM10 – Disaster Traveler Information TxDOT San Antonio District

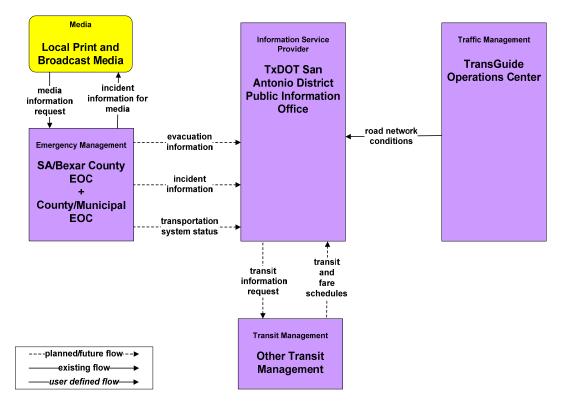
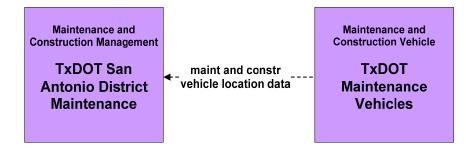




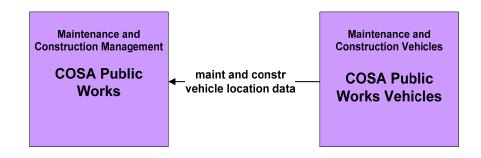


Figure C49 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking TxDOT San Antonio District



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

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

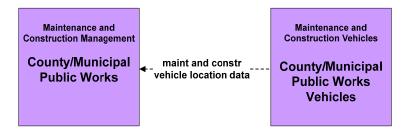


planned/future flow►
──existing flow
──user defined flow──►





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



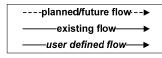


Figure C52 – MC03 – Road Weather Data Collection TxDOT San Antonio District

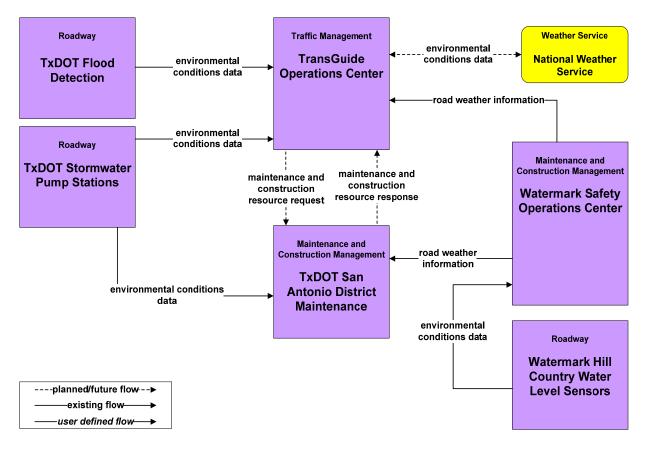






Figure C53 – MC03 – Road Weather Data Collection City of San Antonio

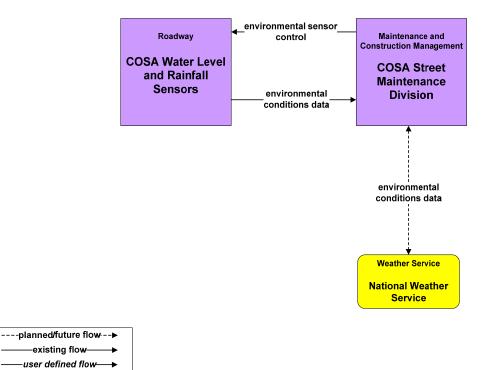


Figure C54 – MC03 – Road Weather Data Collection County/Municipality

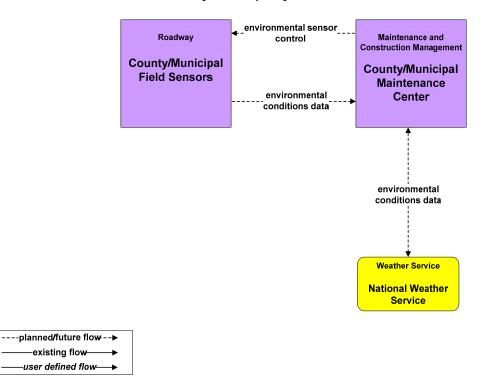






Figure C55 – MC04 – Weather Information Processing and Distribution TxDOT San Antonio District

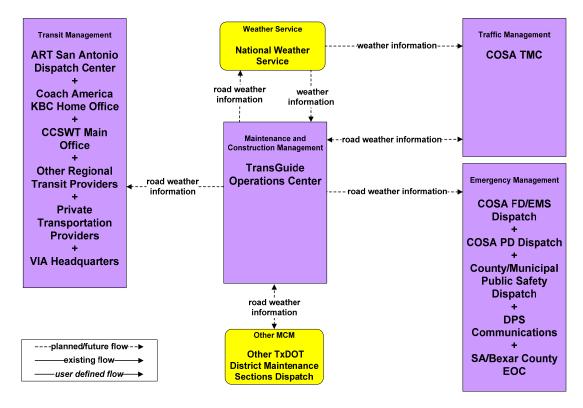


Figure C56 – MC08 – Work Zone Management TxDOT San Antonio District Maintenance (1 of 2)

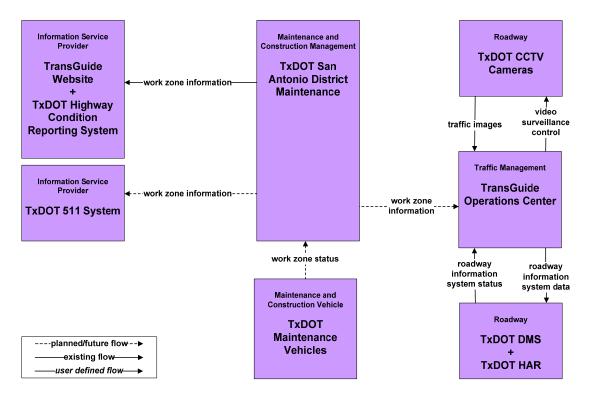






Figure C57 – MC08 – Work Zone Management TxDOT San Antonio District Maintenance (2 of 2)

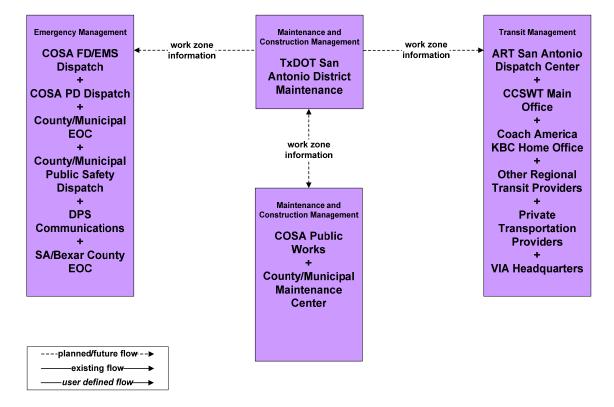
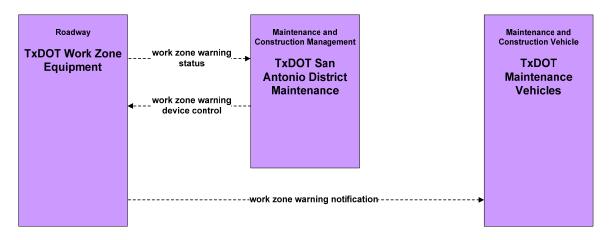


Figure C58 – MC09 – Work Zone Safety Monitoring TxDOT San Antonio District Maintenance



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





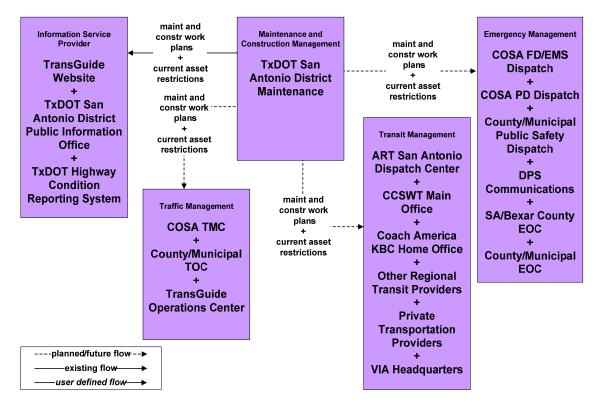
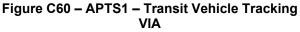


Figure C59 – MC10 – Maintenance and Construction Activity Coordination



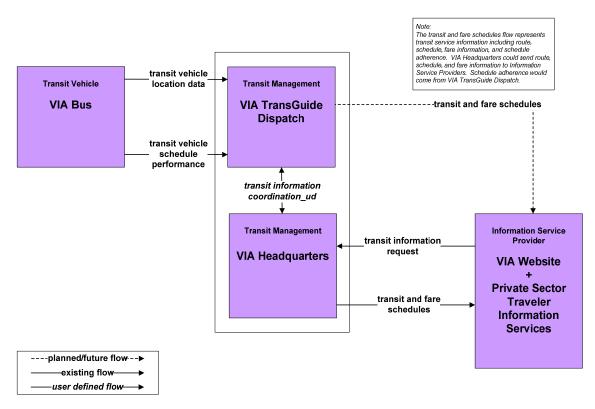






Figure C61 – APTS1 – Transit Vehicle Tracking Coach America KBC



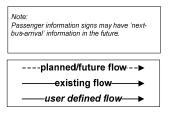
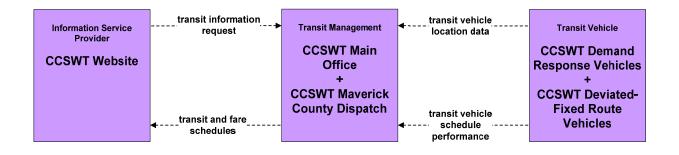


Figure C62 – APTS1 – Transit Vehicle Tracking Community Council of Southwest Texas



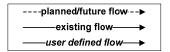
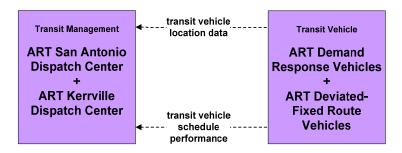
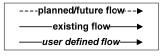






Figure C63 – APTS1 – Transit Vehicle Tracking Alamo Regional Transit







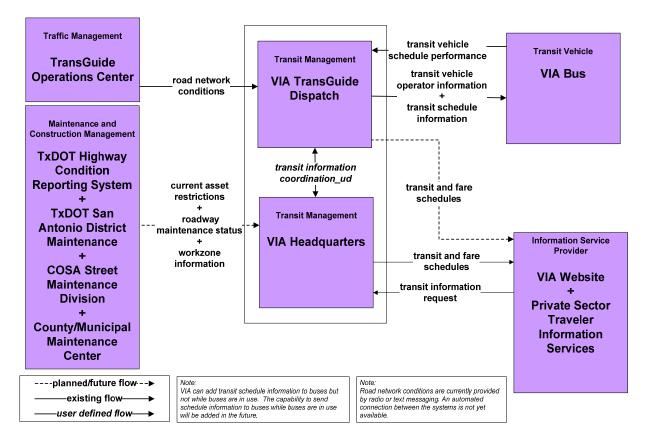
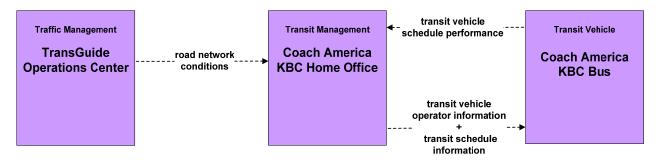






Figure C65 – APTS2 – Transit Fixed-Route Operations Coach America KBC



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

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

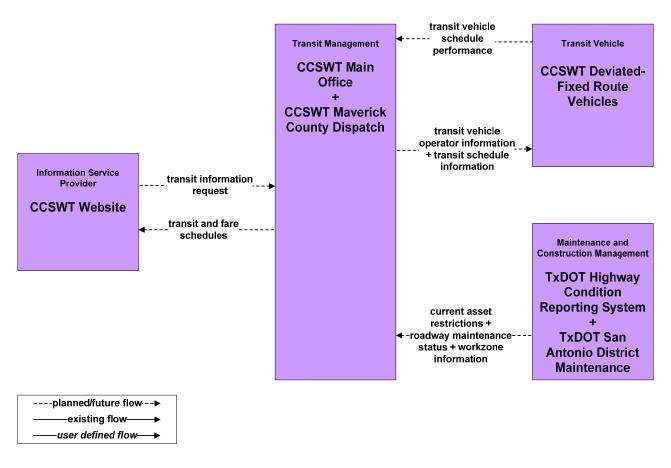
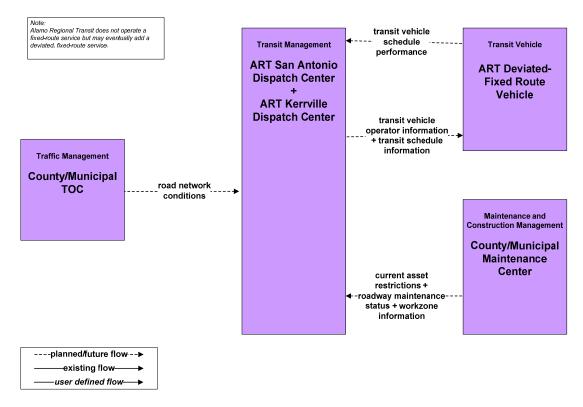






Figure C67 – APTS2 – Transit Fixed-Route Operations Alamo Regional Transit





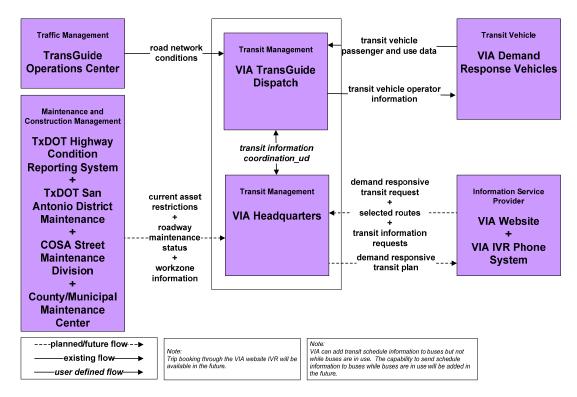






Figure C69 – APTS3 – Demand Response Transit Operations Community Council of Southwest Texas

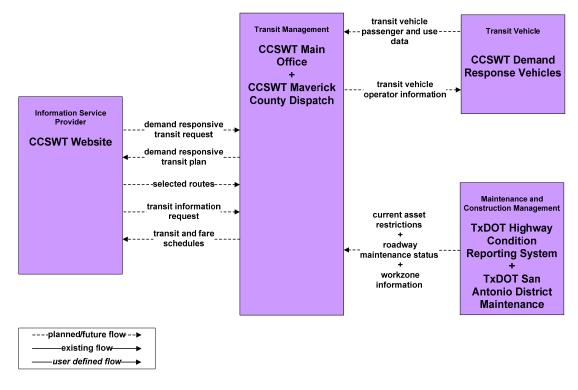
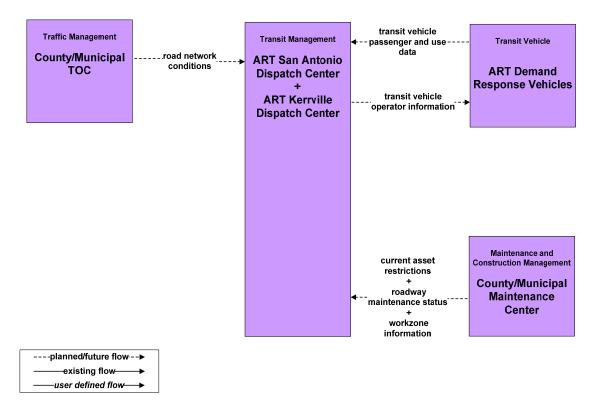


Figure C70 – APTS3 – Demand Response Transit Operations Alamo Regional Transit









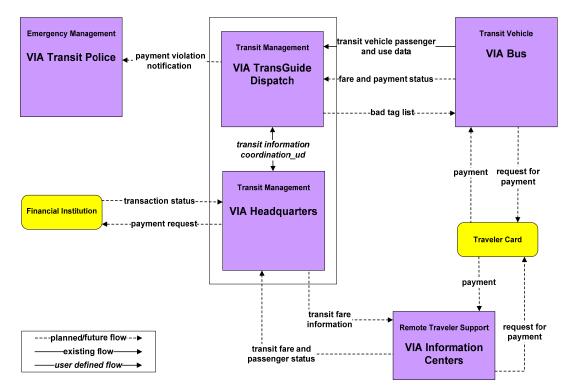


Figure C72 – APTS4 – Transit Passenger and Fare Management Coach America KBC

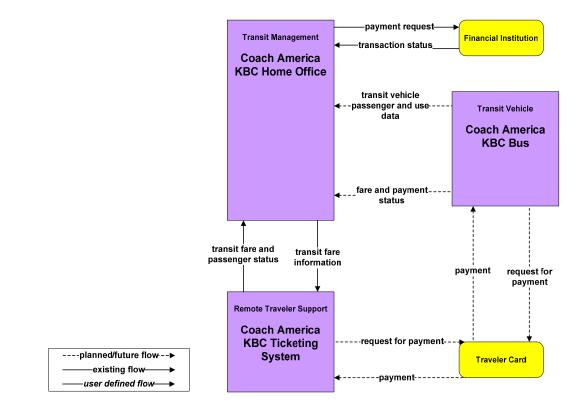






Figure C73 – APTS4 – Transit Passenger and Fare Management Community Council of Southwest Texas

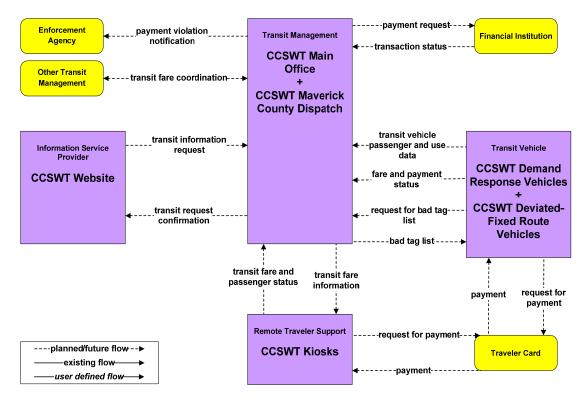


Figure C74 – APTS4 – Transit Passenger and Fare Management Alamo Regional Transit

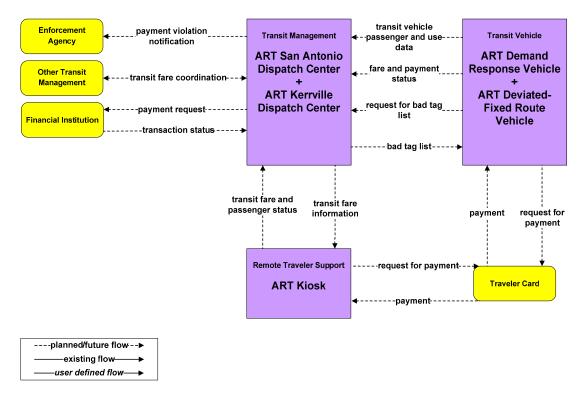






Figure C75 – APTS5 – Transit Security VIA

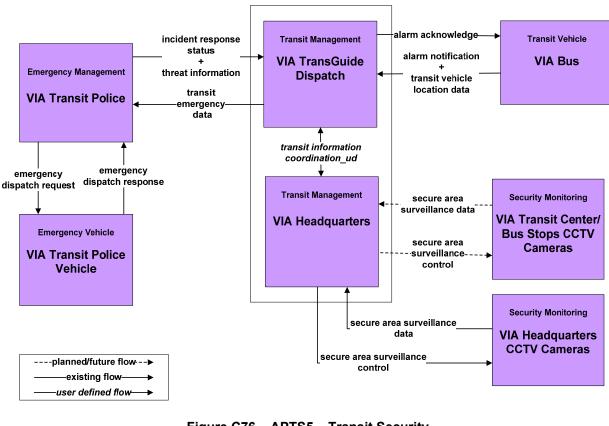


Figure C76 – APTS5 – Transit Security Coach America KBC

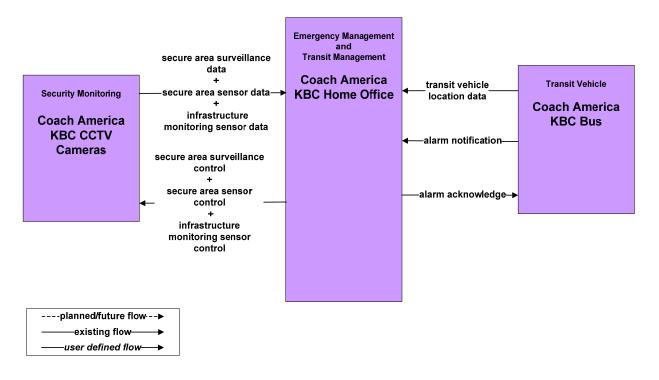






Figure C77 – APTS5 – Transit Security Community Council of Southwest Texas

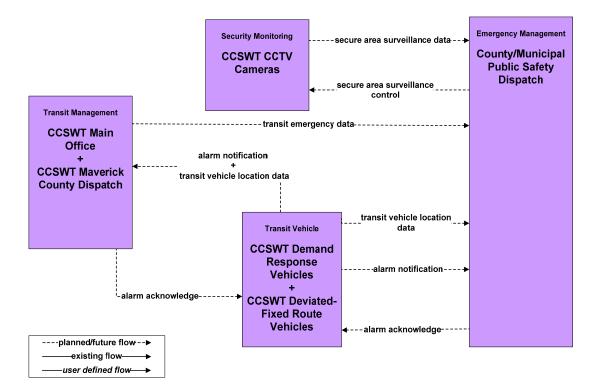


Figure C78 – APTS5 – Transit Security Alamo Regional Transit

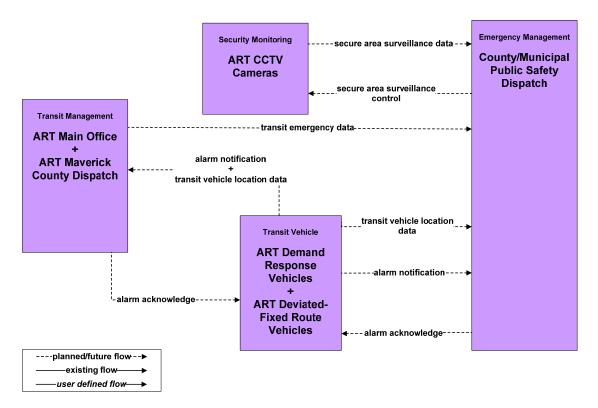
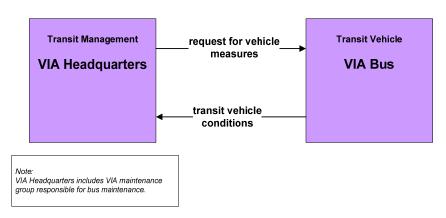






Figure C79 – APTS6 – Transit Maintenance VIA



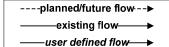
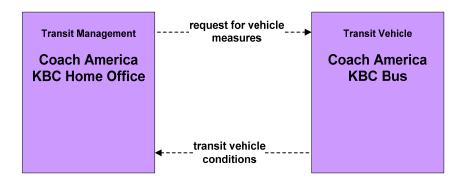


Figure C80 – APTS6 – Transit Maintenance Coach America KBC

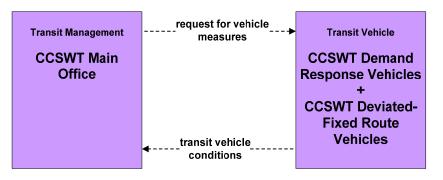


planned/future flow►
───existing flow──►
──user defined flow →



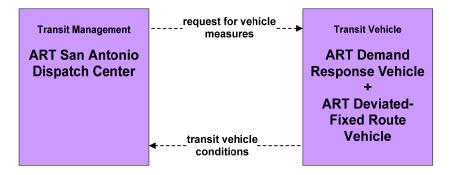


Figure C81 – APTS6 – Transit Maintenance Community Council of Southwest Texas



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

Figure C82 – APTS6 – Transit Maintenance Alamo Regional Transit



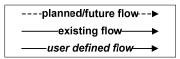
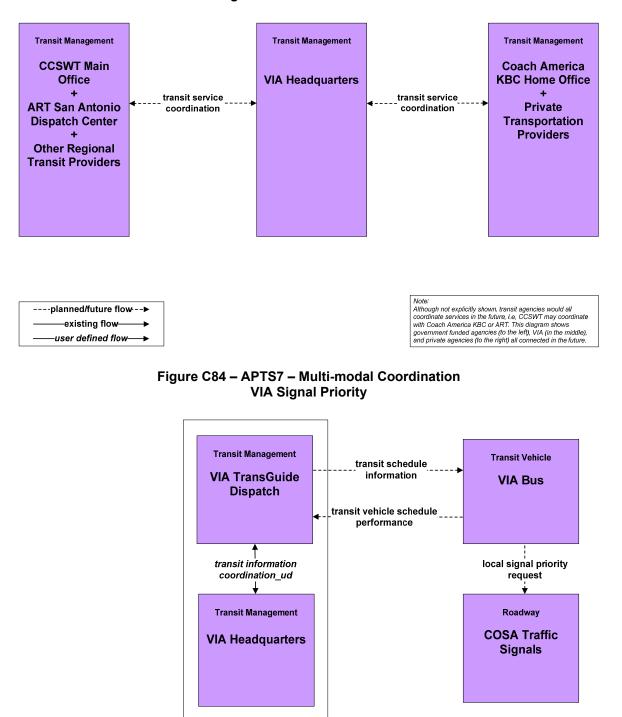






Figure C83 – APTS7 – Multi-modal Coordination Regional Transit Coordination



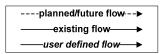






Figure C85 – APTS7 – Multi-modal Coordination Community Council of Southwest Texas Signal Priority

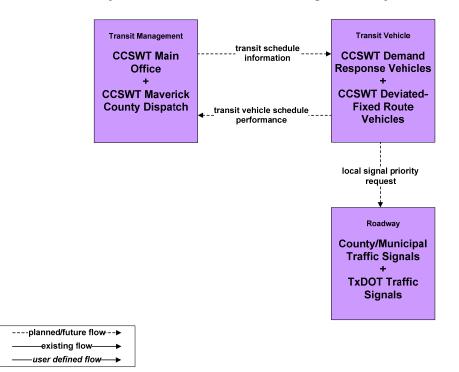


Figure C86 – APTS7 – Multi-modal Coordination Alamo Regional Transit Signal Priority

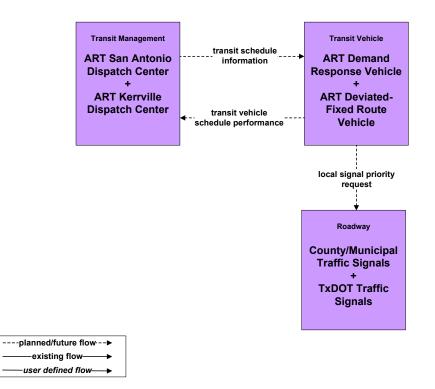
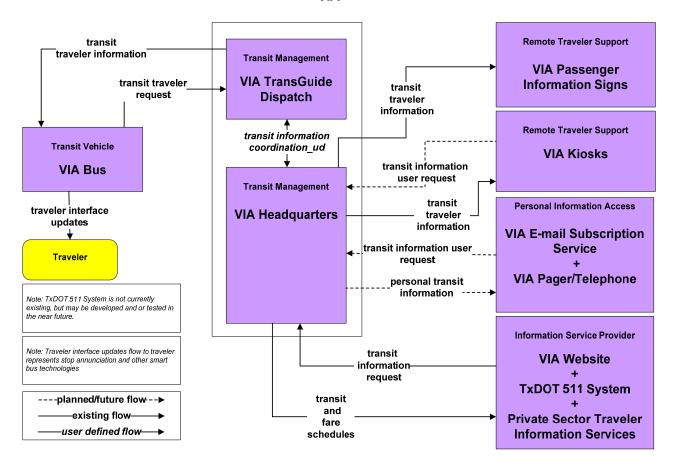


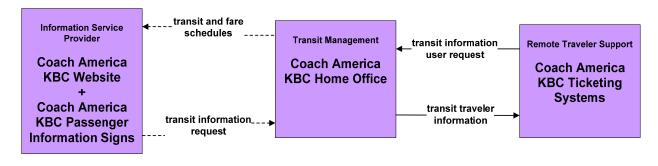




Figure C87 – APTS8 – Transit Traveler Information VIA







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

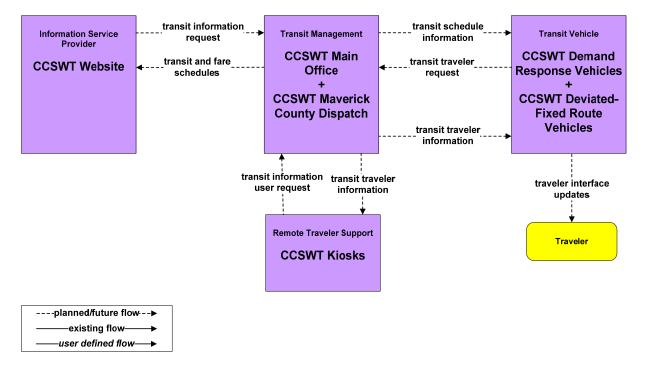


Figure C90 – APTS8 – Transit Traveler Information Alamo Regional Transit

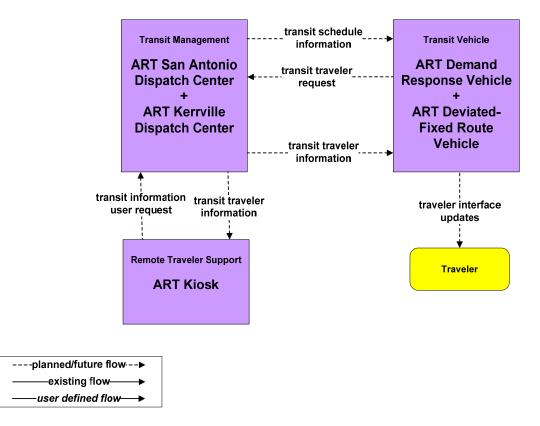






Figure C91 – CVO10 – HAZMAT Management

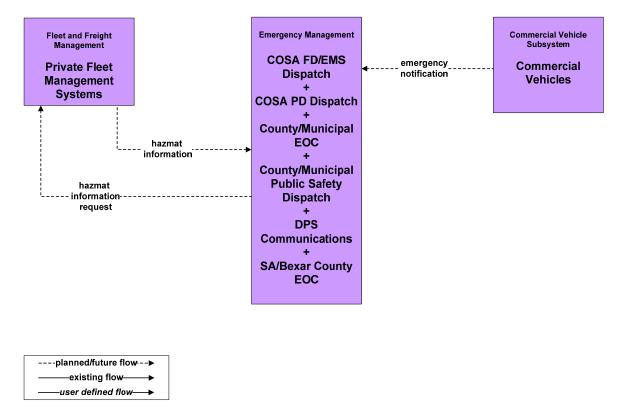


Figure C92 – CVO11 – Roadside HAZMAT Security Detection and Mitigation

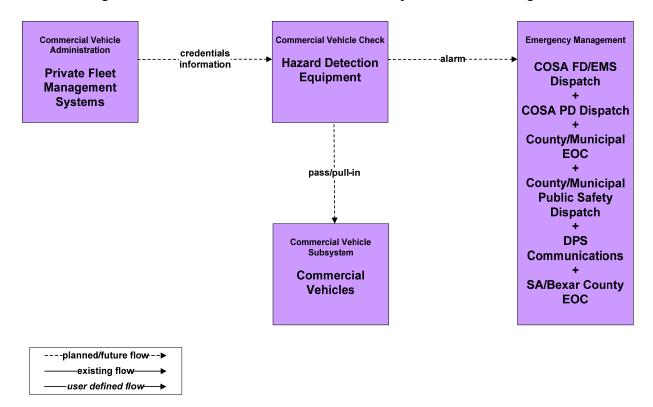






Figure C93 – ATIS1 – Broadcast Traveler Information TransGuide Data Server

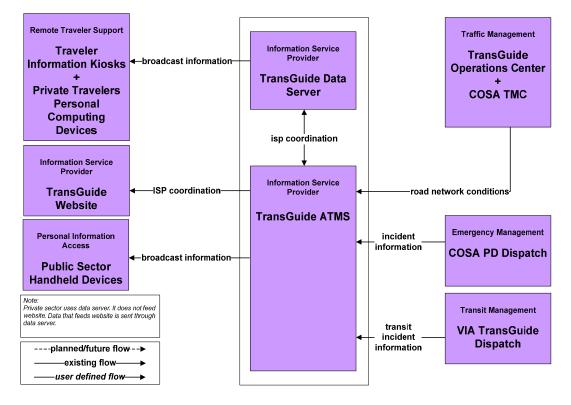


Figure C94 – ATIS1 – Broadcast Traveler Information TxDOT Highway Condition Reporting System (Inputs)

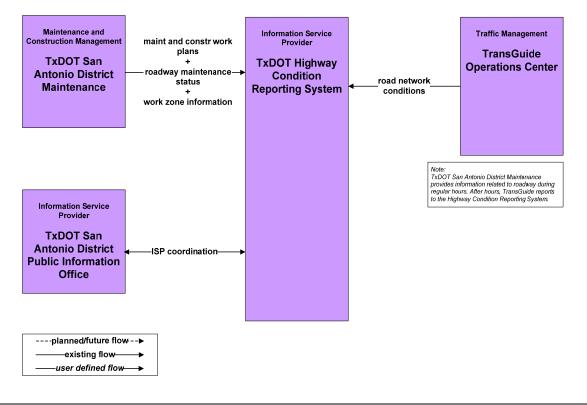
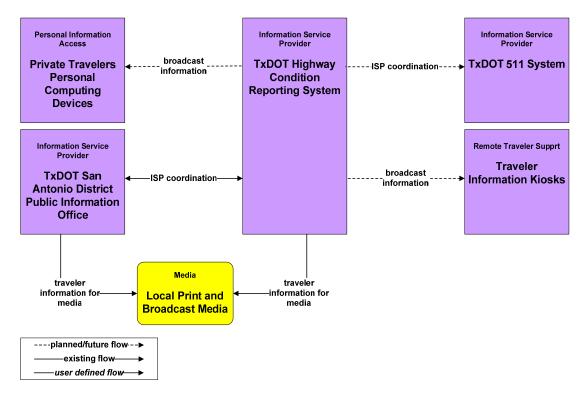


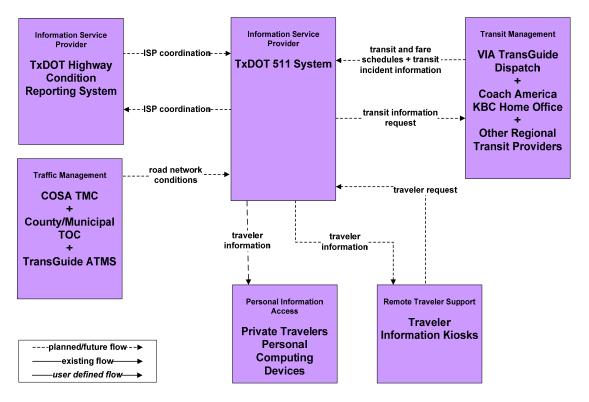




Figure C95 – ATIS1 – Broadcast Traveler Information TxDOT Highway Condition Reporting System (Outputs)

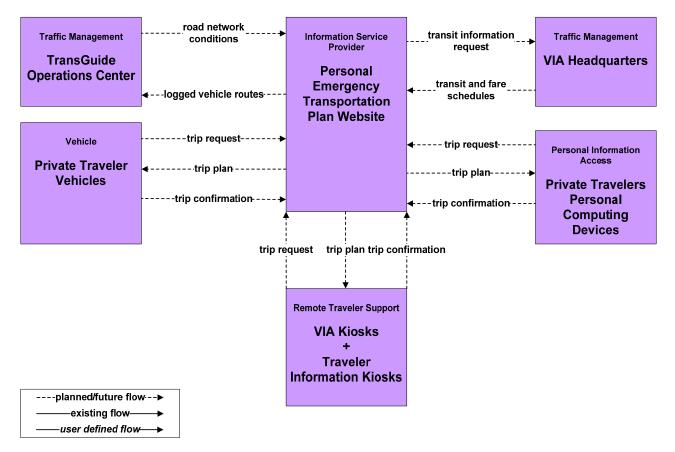




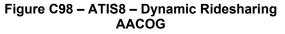












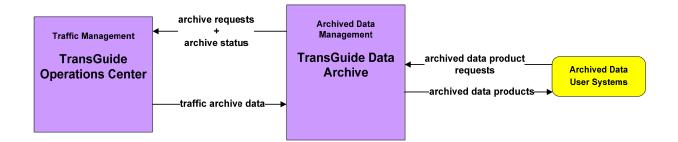
Personal Information Access	trip request►	Information Service Provider
Private Travelers Personal	<──trip plan	AACOG Website
Computing Devices	trip confirmation>	

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





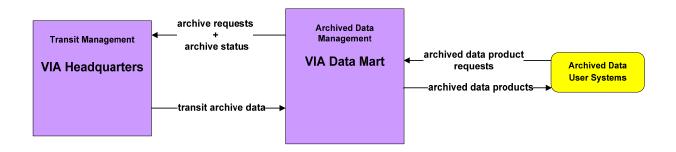
Figure C99 – AD1 – ITS Data Mart TxDOT San Antonio District



planned/future flow►
──existing flow

──user defined flow──►

Figure C100 – AD1 – ITS Data Mart VIA

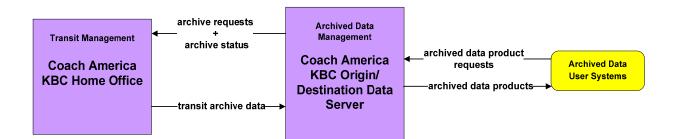


planned/future flow►
───existing flow──►
──user defined flow →



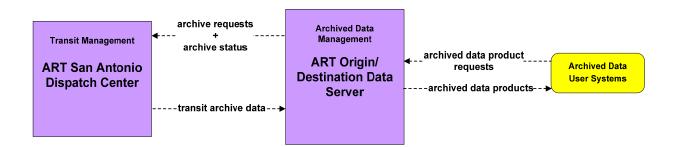


Figure C101 – AD1 – ITS Data Mart Coach America KBC



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

Figure C102 – AD1 – ITS Data Mart Alamo Regional Transit

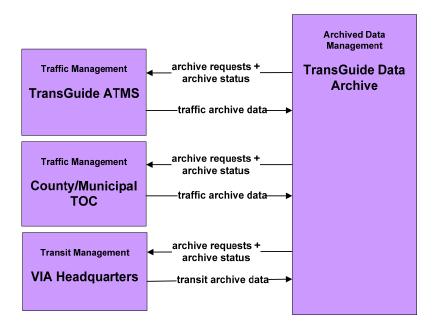


- ----planned/future flow---►
- ───existing flow──►
- ──user defined flow →





Figure C103 – AD2 – ITS Data Warehouse Regional Data Archive



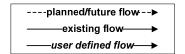


Figure C104 – AD3 – ITS Virtual Data Warehouse Regional Data Archive

