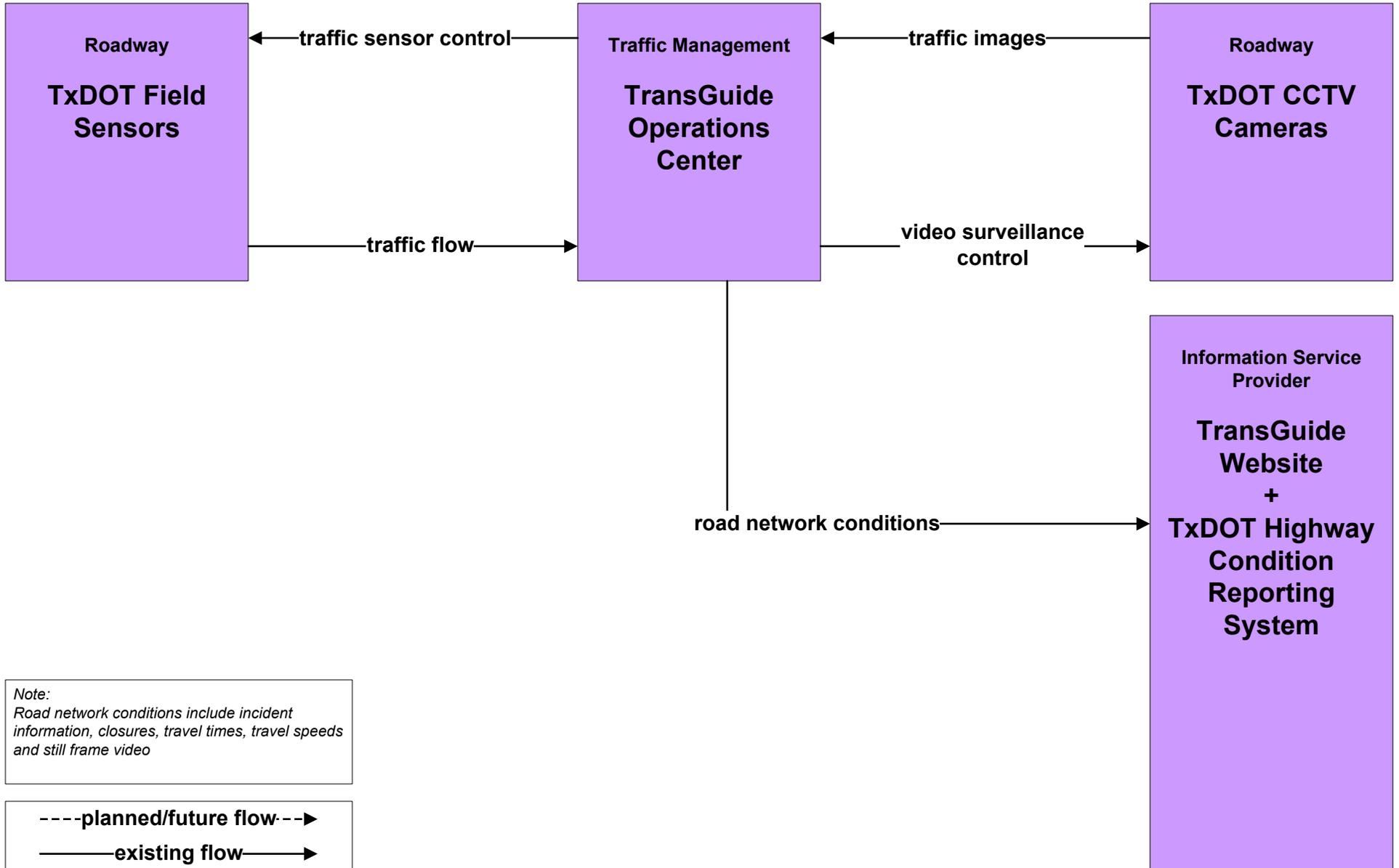


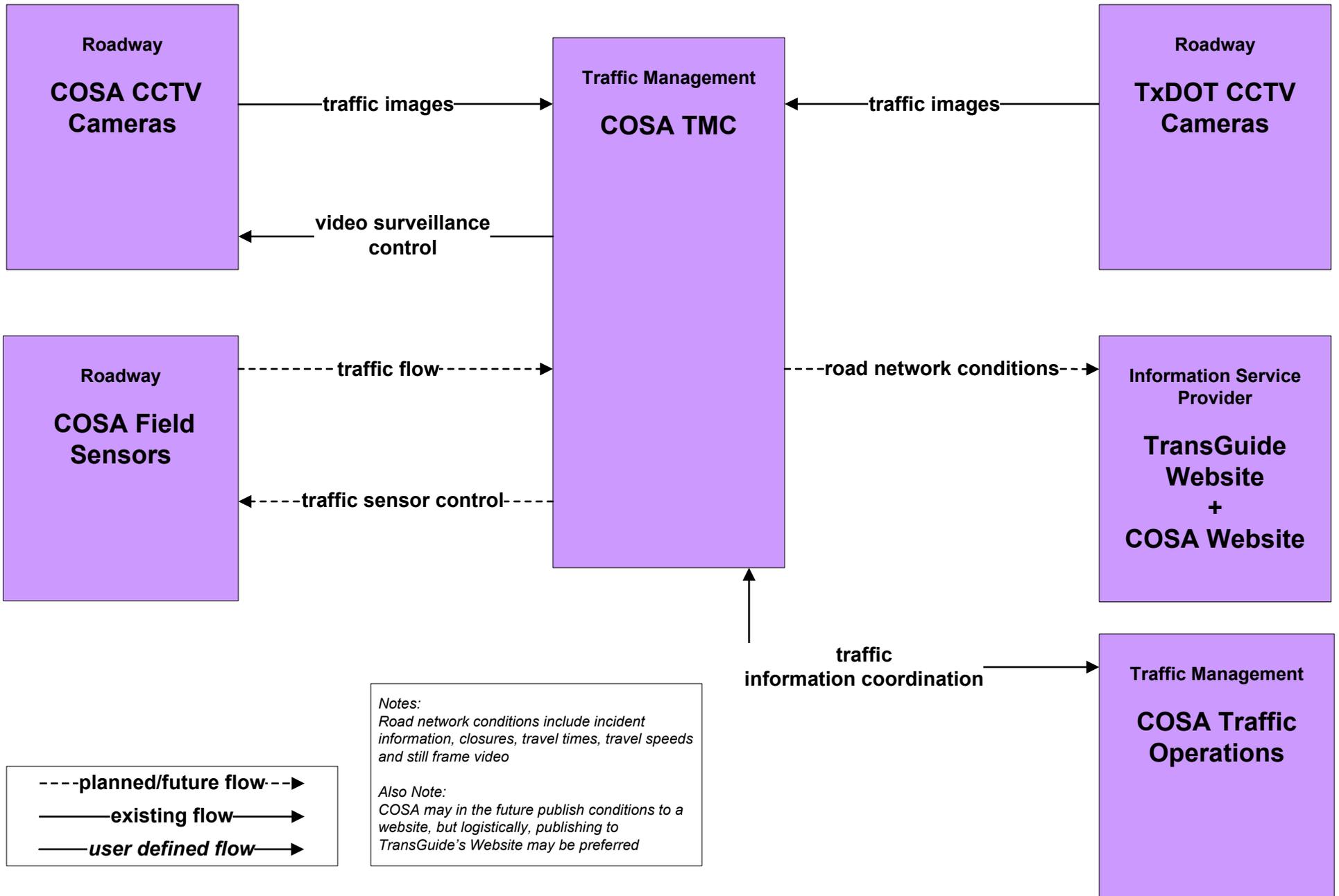
**ATMS01-1 – Network Surveillance  
TransGuide**



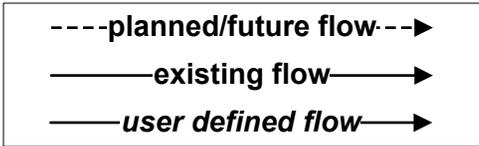
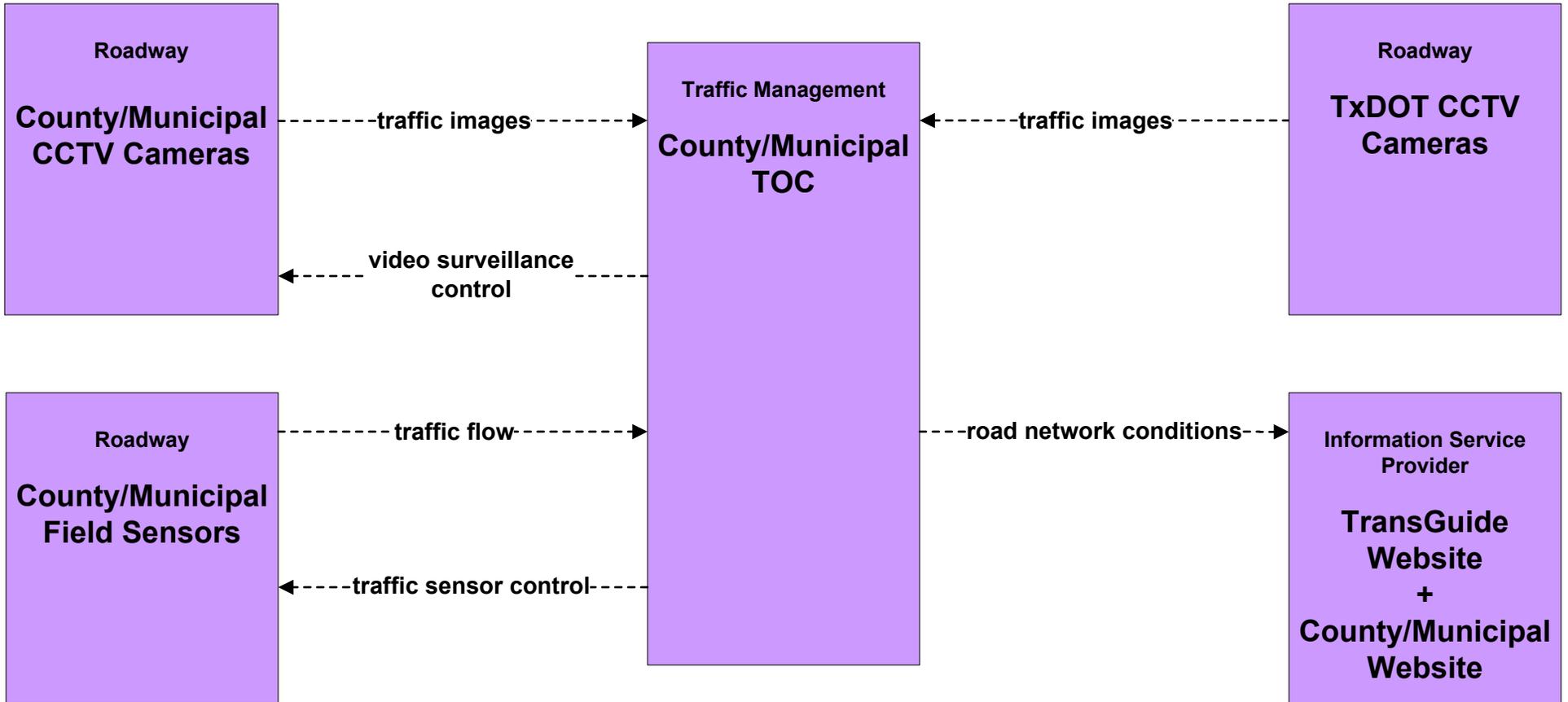
*Note:  
Road network conditions include incident information, closures, travel times, travel speeds and still frame video*

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

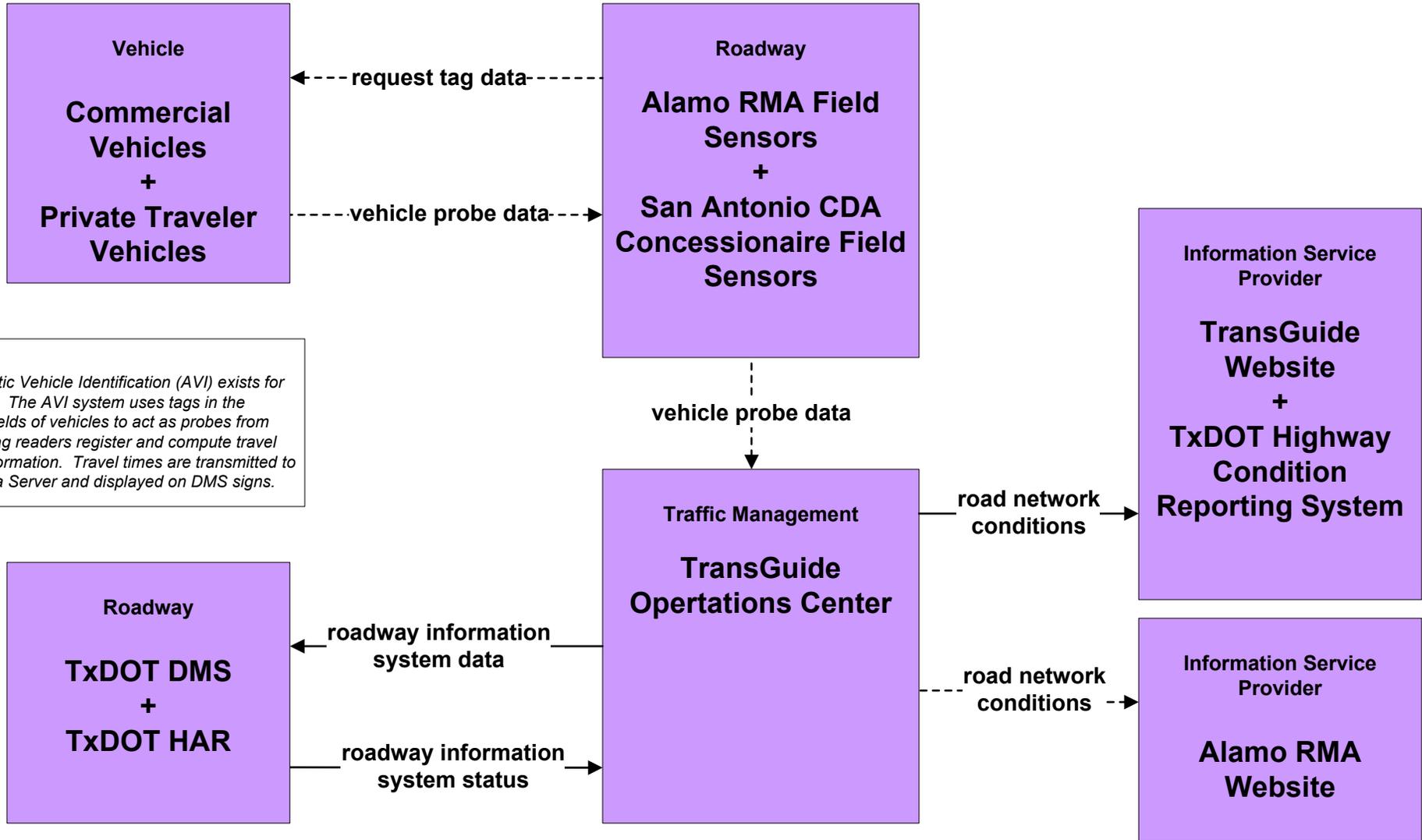
# ATMS01-2 – Network Surveillance City of San Antonio TMC



**ATMS01-3 – Network Surveillance  
County/Municipal TOC**



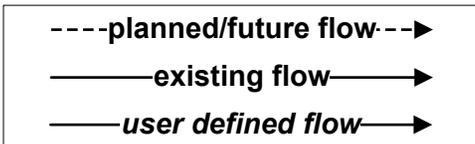
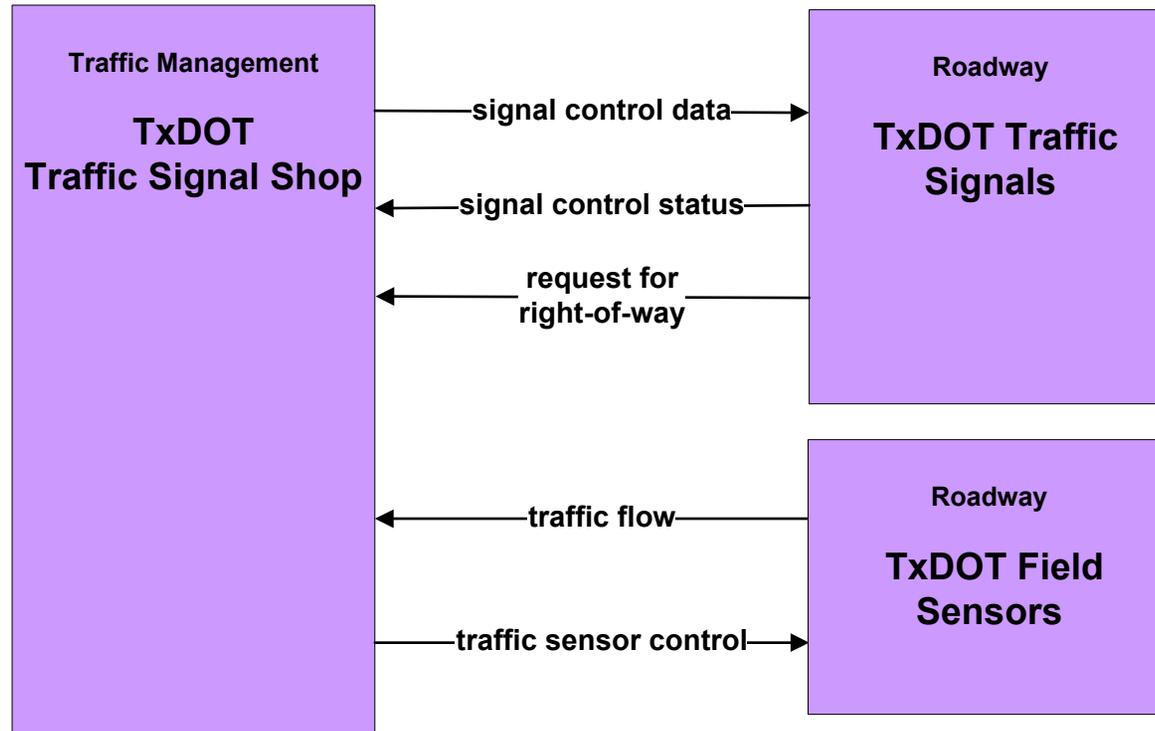
# ATMS02-1 – Probe Surveillance Alamo RMA/TransGuide



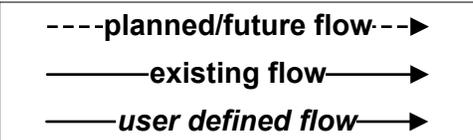
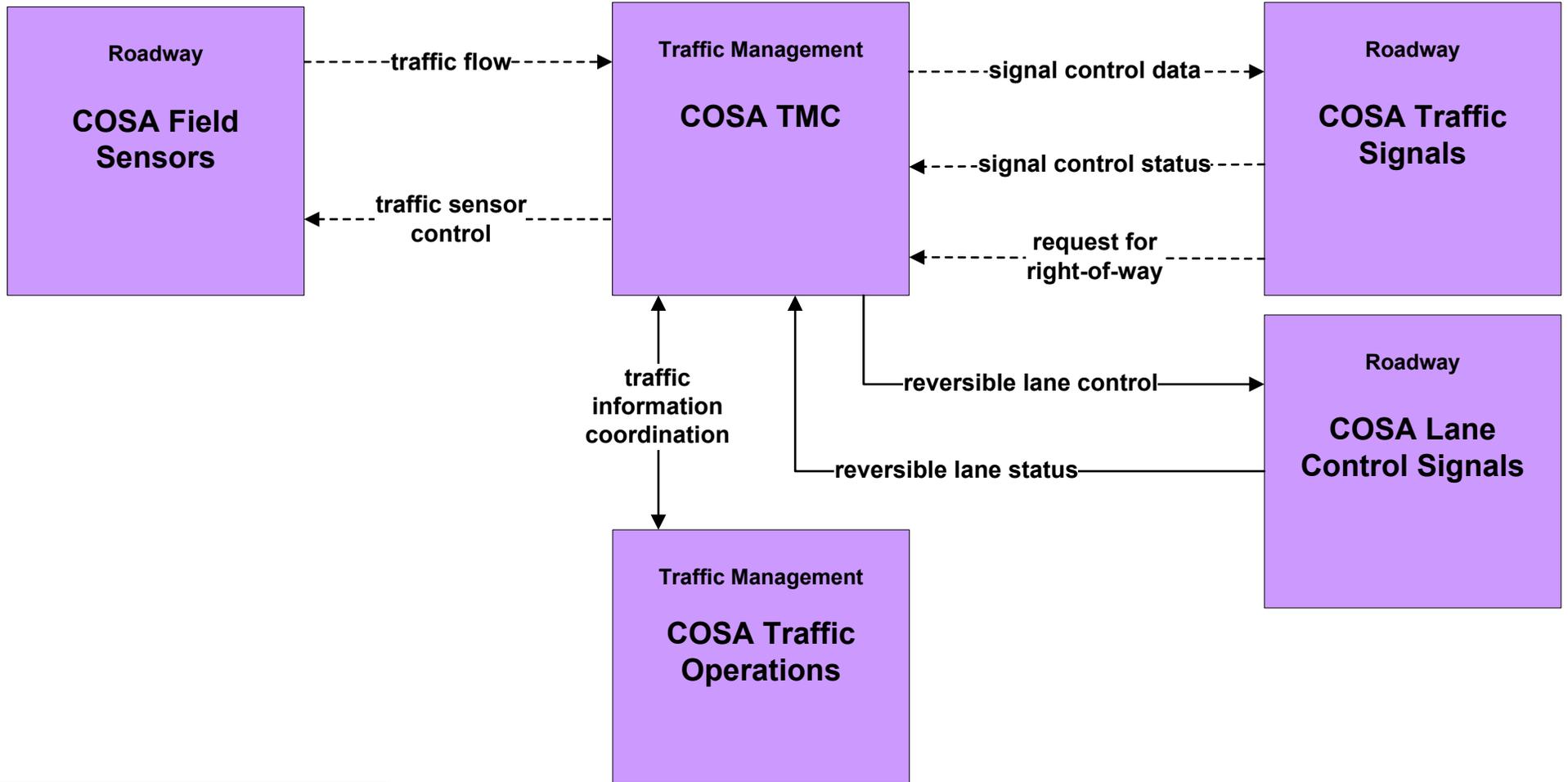
*Note:*  
Automatic Vehicle Identification (AVI) exists for TxDOT. The AVI system uses tags in the windshields of vehicles to act as probes from which tag readers register and compute travel time information. Travel times are transmitted to the Data Server and displayed on DMS signs.



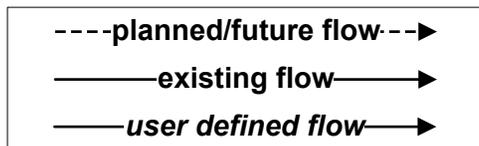
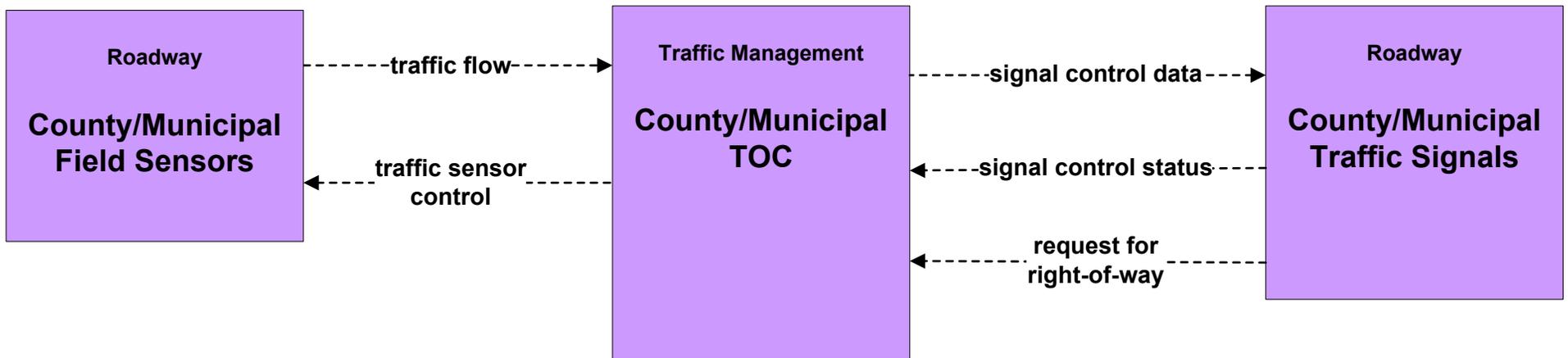
**ATMS03-1 – Surface Street Control  
TxDOT San Antonio District**



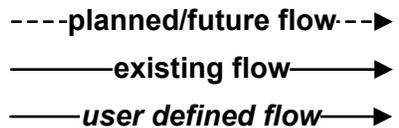
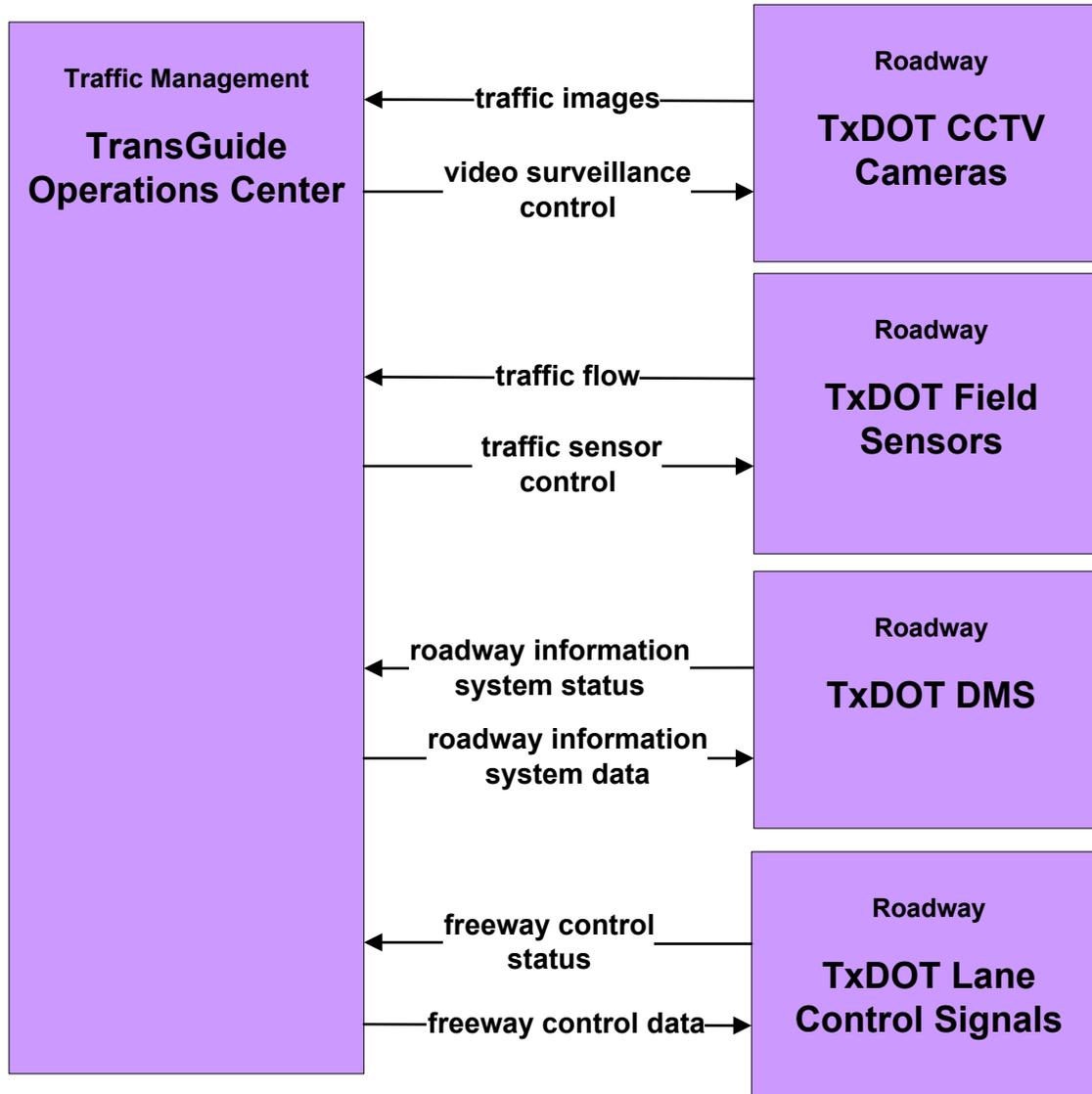
# ATMS03-2 – Surface Street Control City of San Antonio



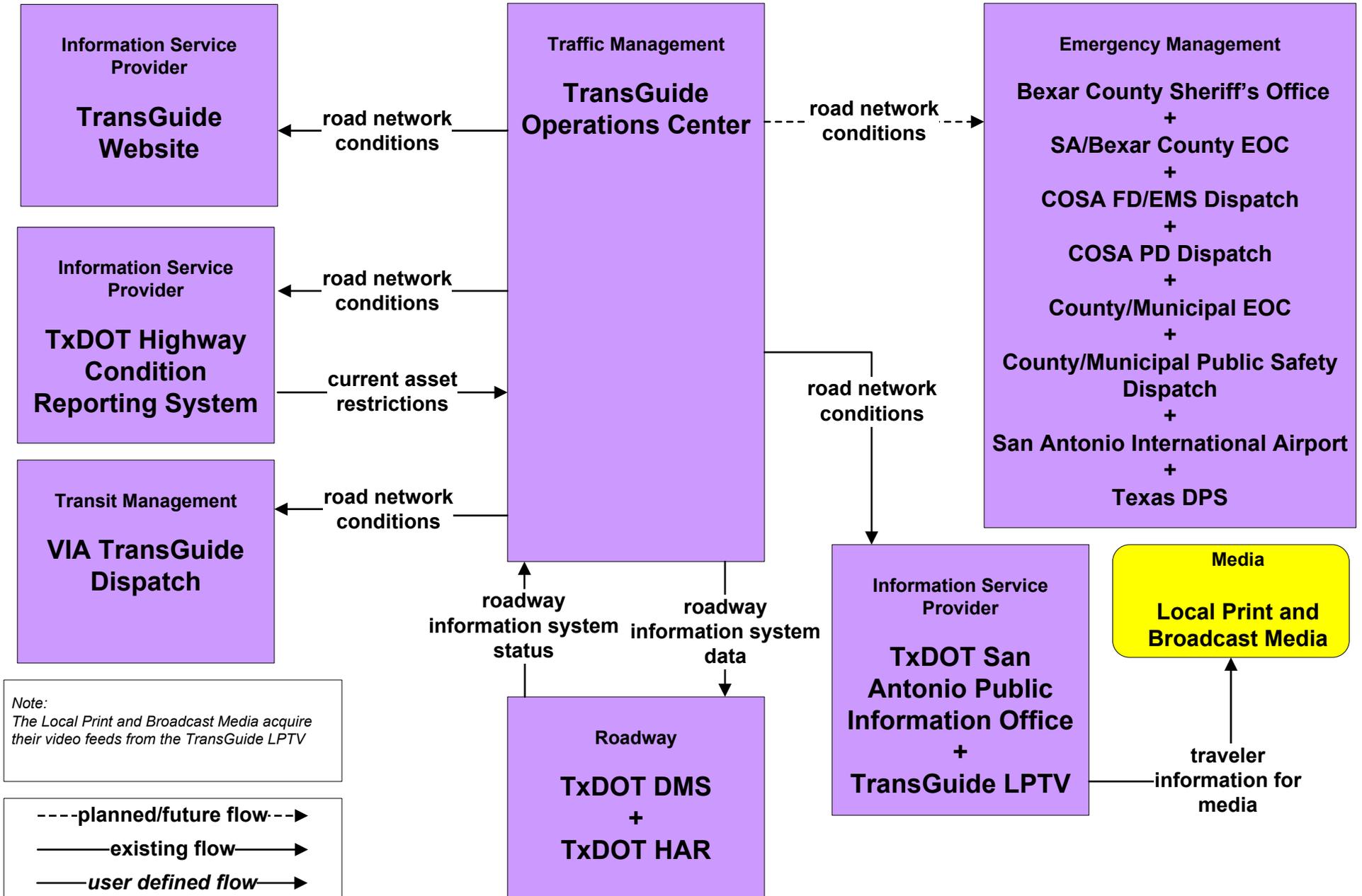
**ATMS03-3 – Surface Street Control  
County/Municipal**



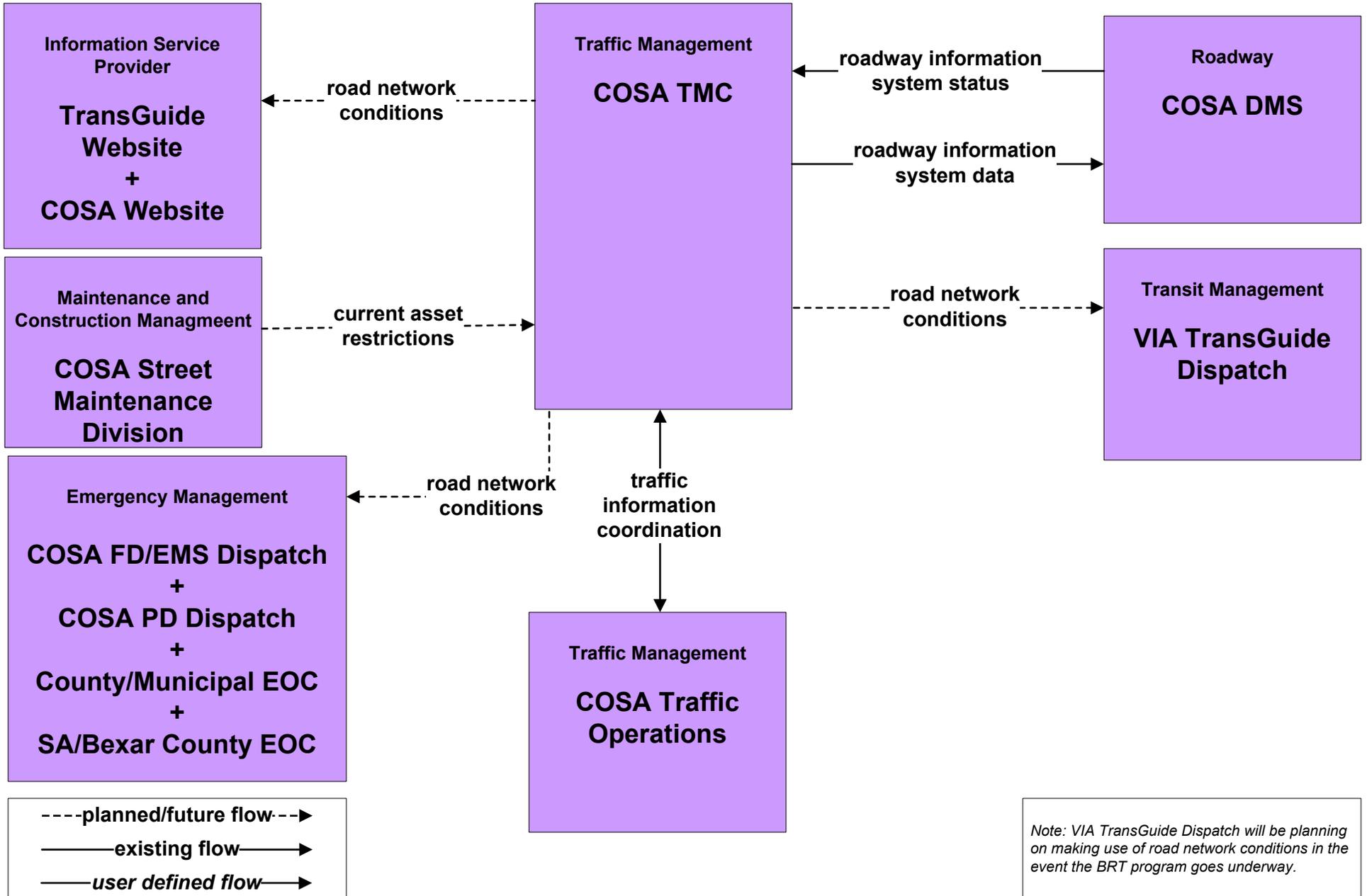
# ATMS04-1 – Freeway Control TransGuide



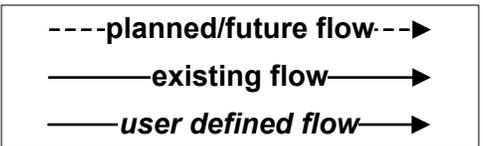
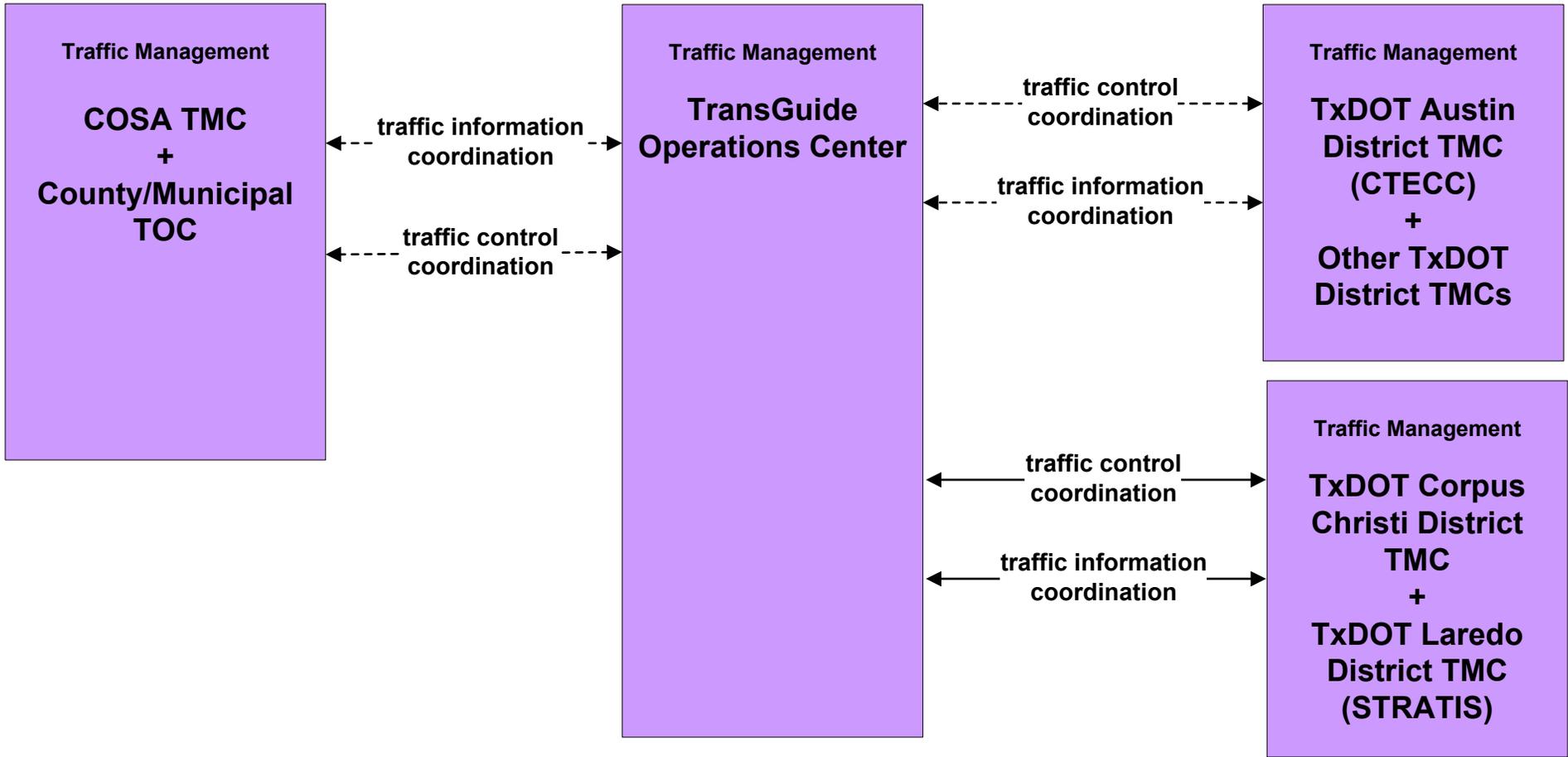
# ATMS06-1 – Traffic Information Dissemination TransGuide



**ATMS06-2 – Traffic Information Dissemination  
City of San Antonio TMC**

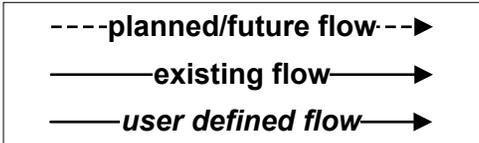
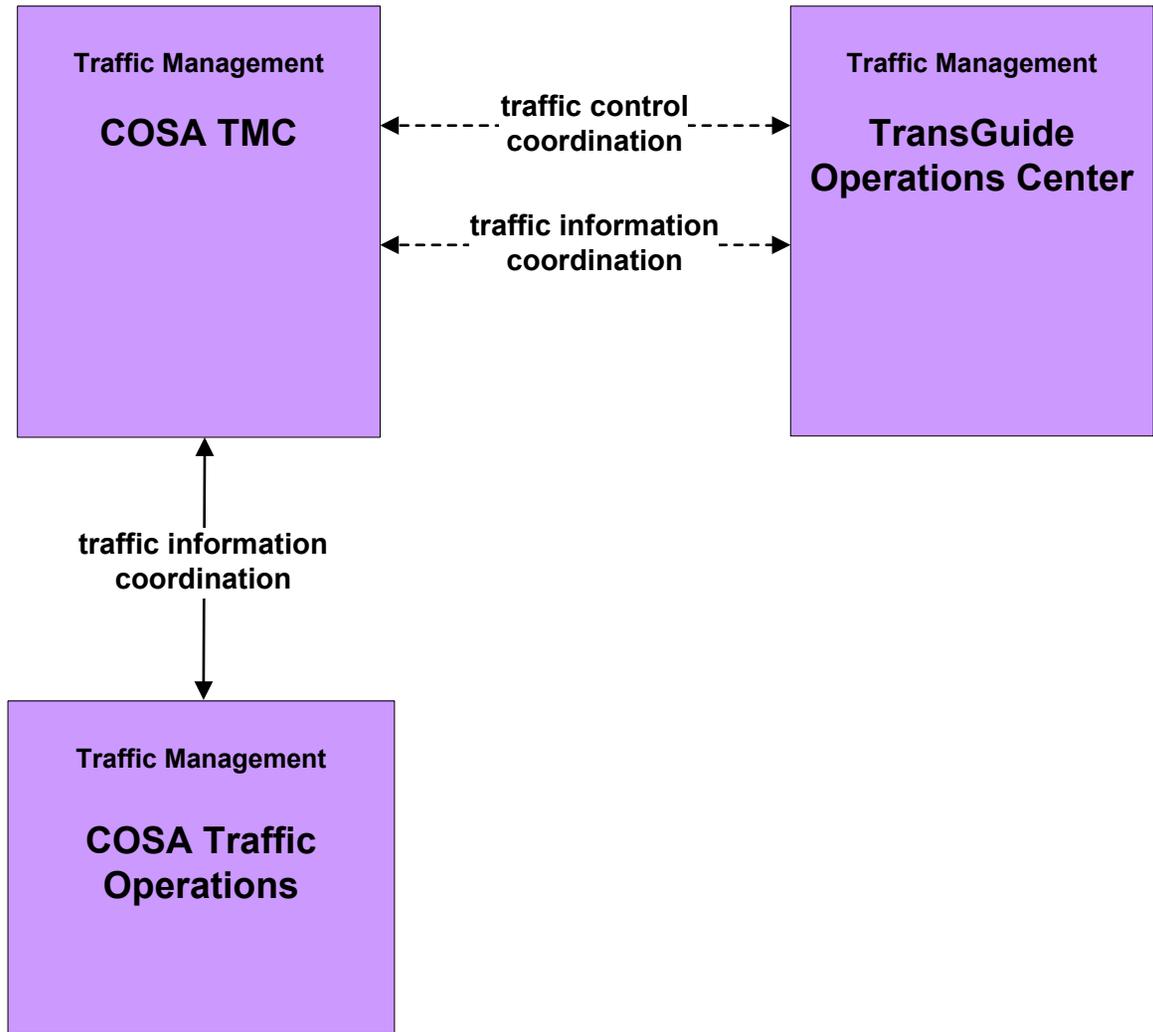


# ATMS07-1 – Regional Traffic Control TransGuide

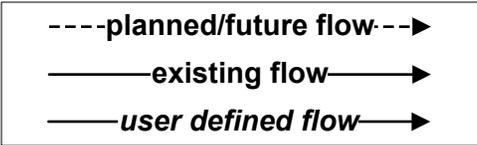
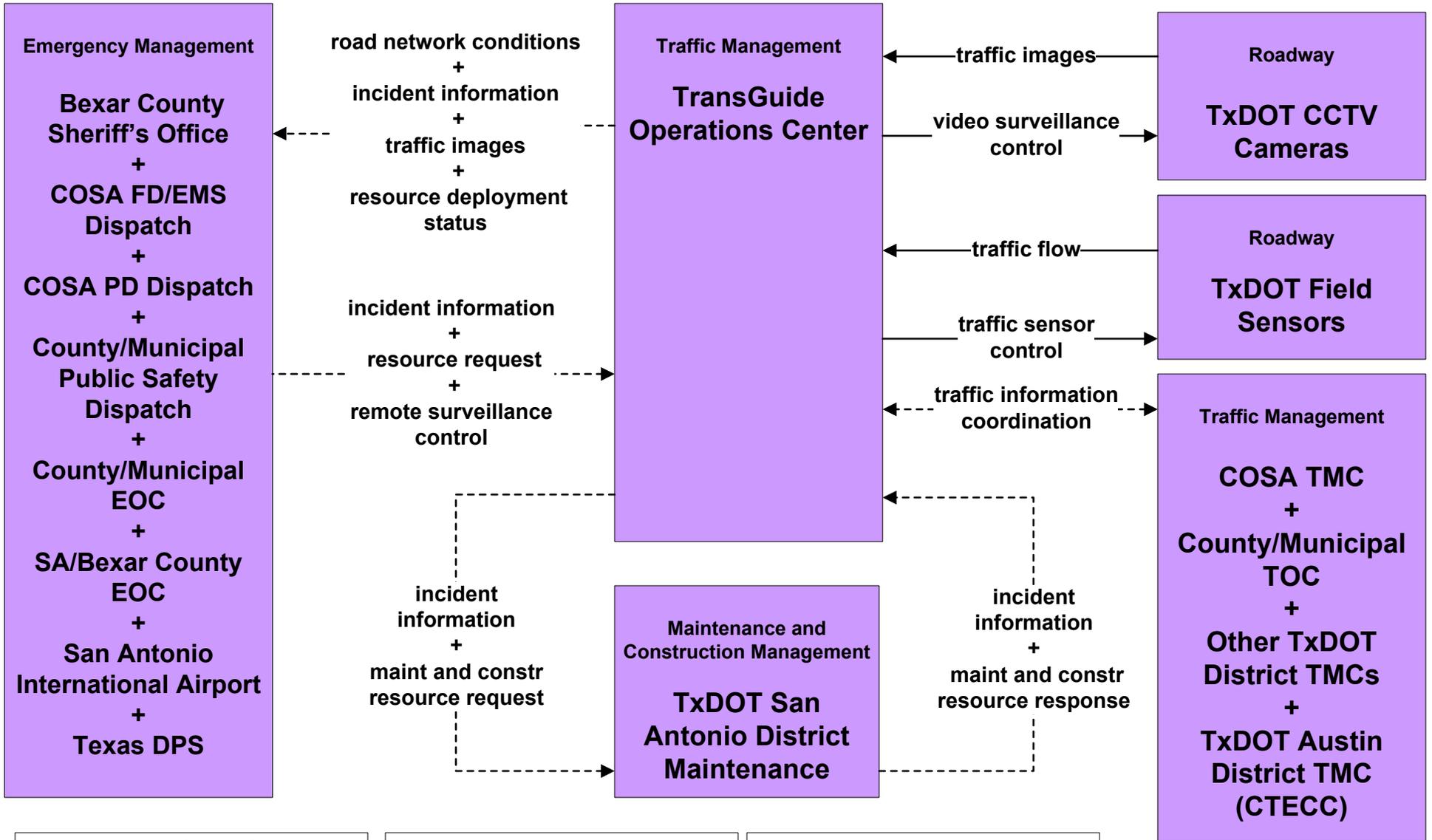


*Note:  
TransGuide is currently doing after hours control of TxDOT  
Corpus Christi DMS and TxDOT Laredo DMS for AMBER  
Alerts.*

**ATMS07-2 – Regional Traffic Control  
City of San Antonio TMC**



# ATMS08-1 – Traffic Incident Management System TransGuide

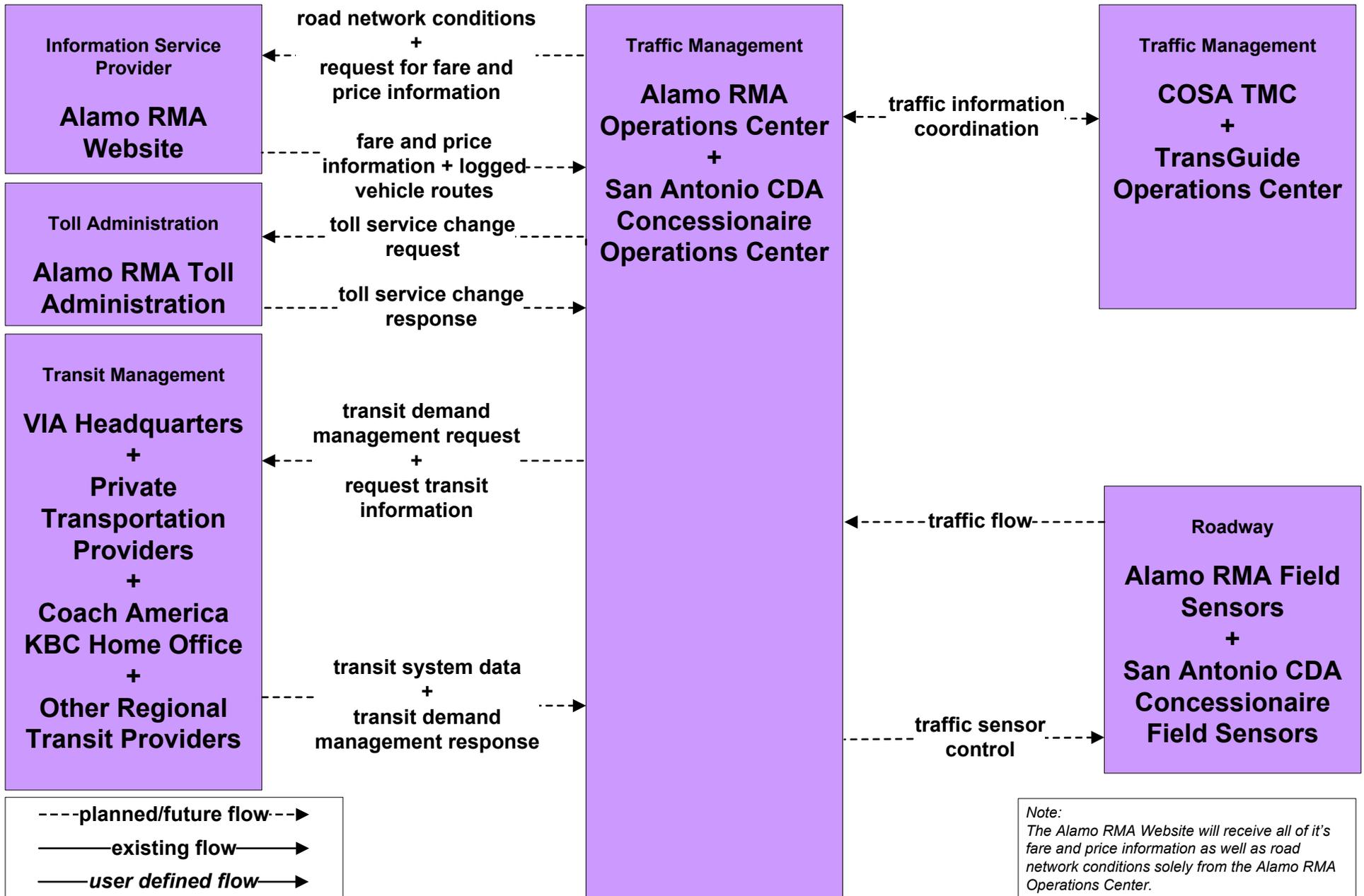


*Note:*  
 Flows from COSA PD Dispatch and SA/Bexar County EOC to TransGuide Operations Center are already existing.

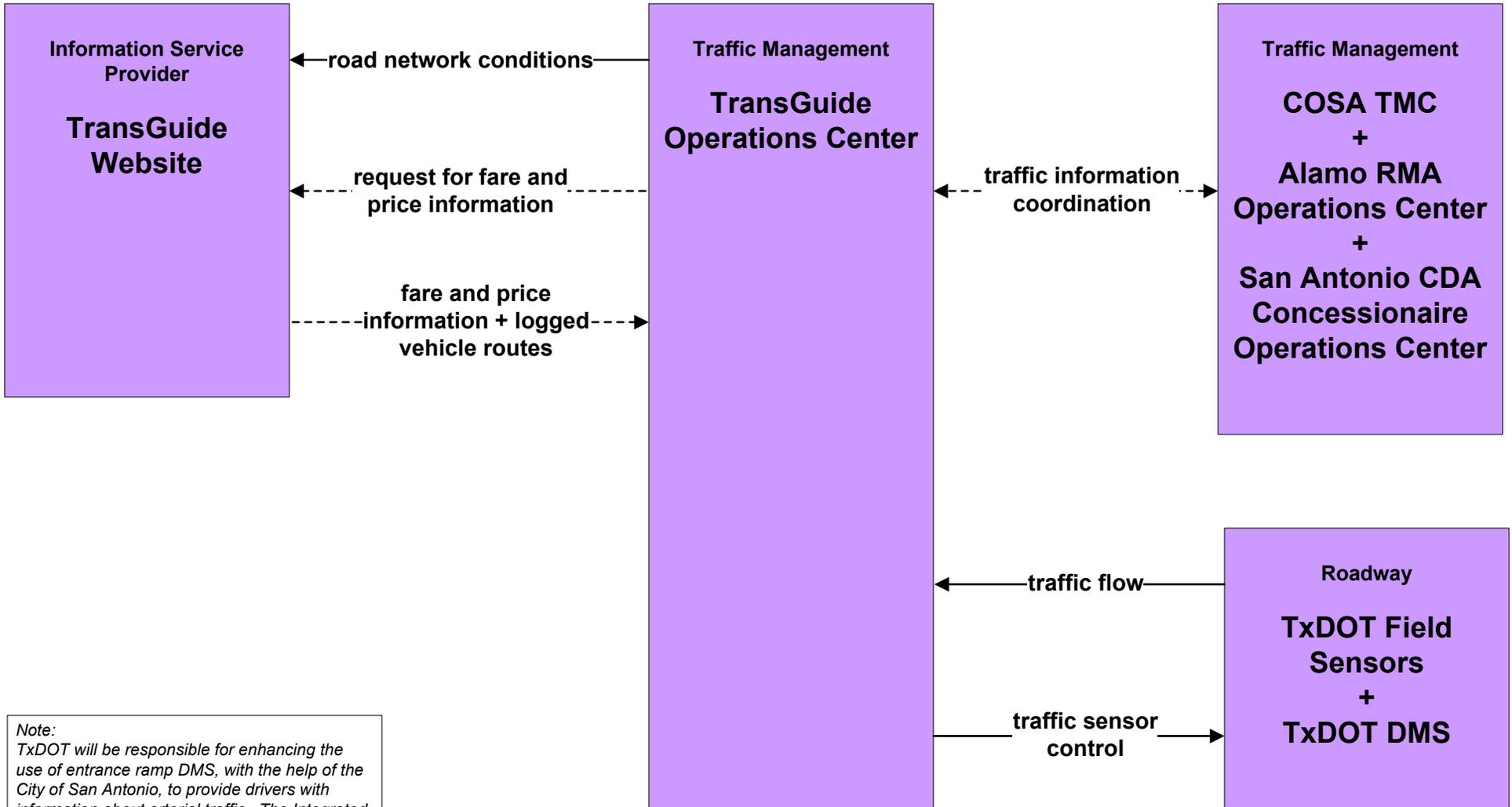
*Note:*  
 Connection to TxDOT San Antonio District Maintenance is currently voice and there are no plans to automate connection.



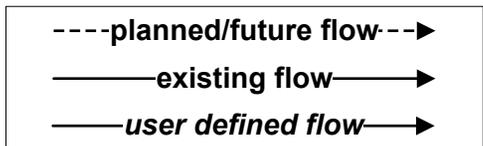
# ATMS09-1 – Traffic and Forecast Demand Management Alamo RMA



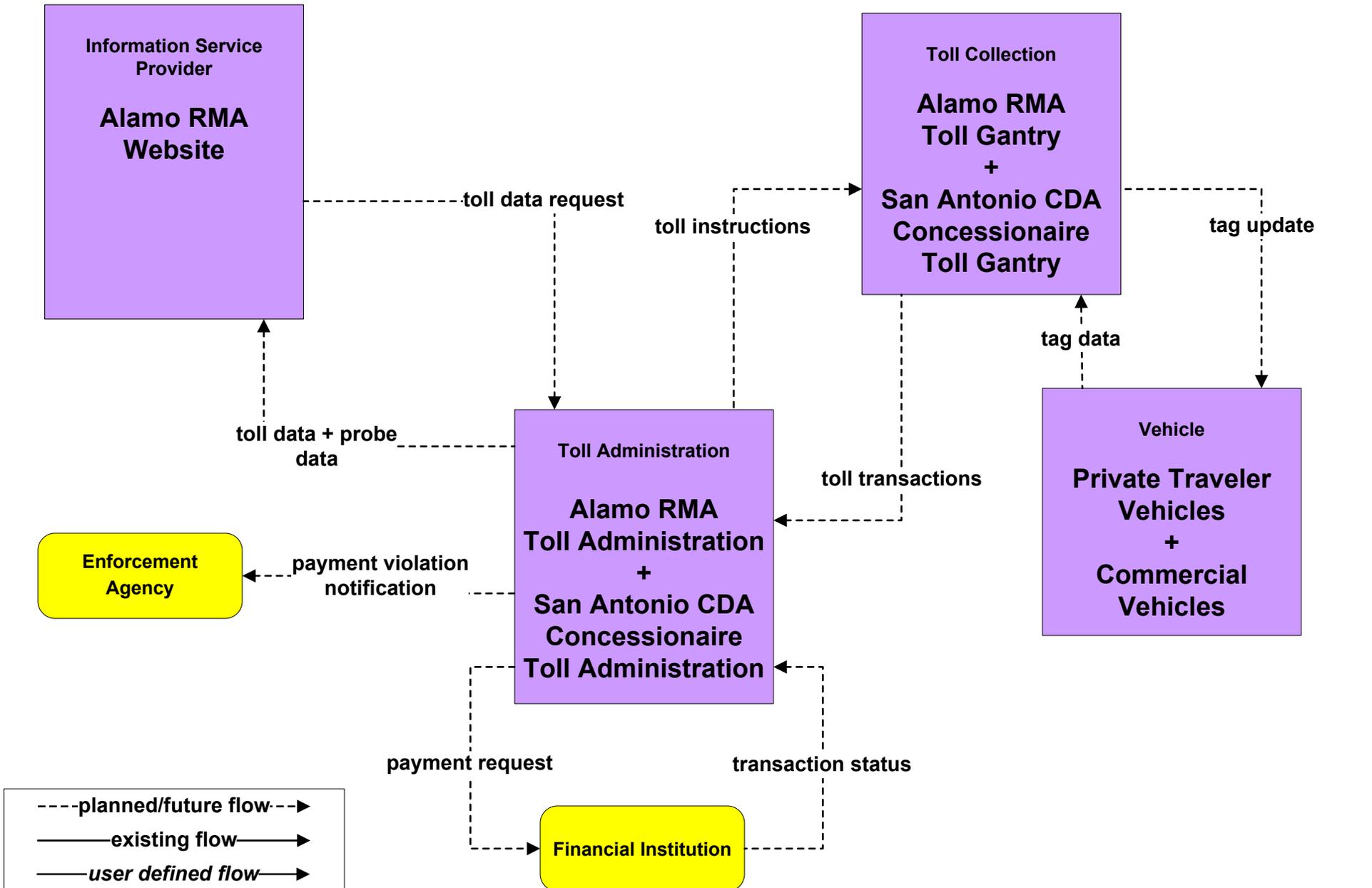
# ATMS09-2 – Traffic and Forecast Demand Management TransGuide



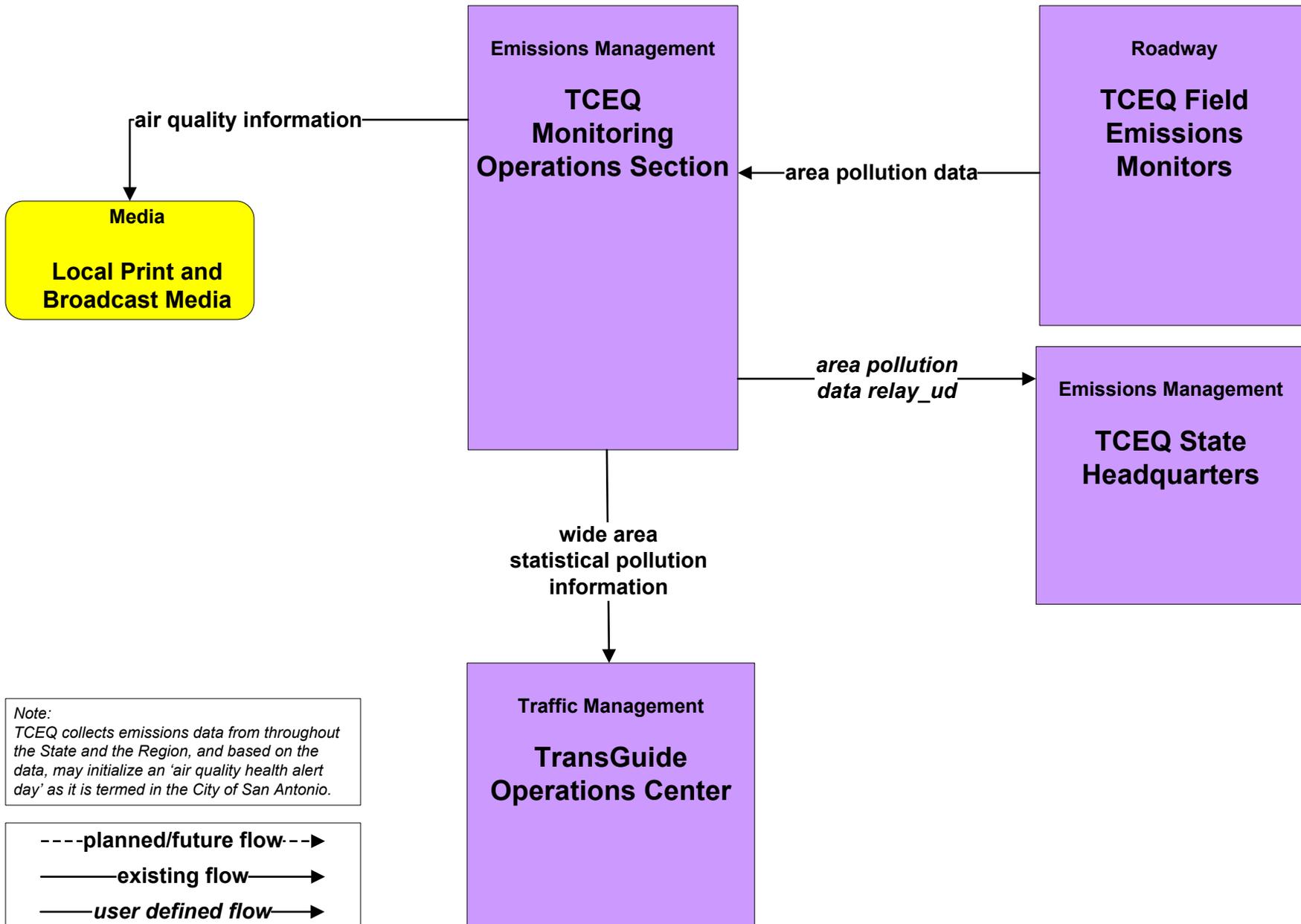
*Note:*  
 TxDOT will be responsible for enhancing the use of entrance ramp DMS, with the help of the City of San Antonio, to provide drivers with information about arterial traffic. The Integrated Corridor Management Concept of Operations expounds on how the DMS will be enhanced.



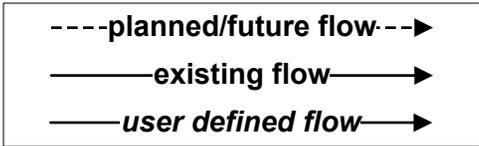
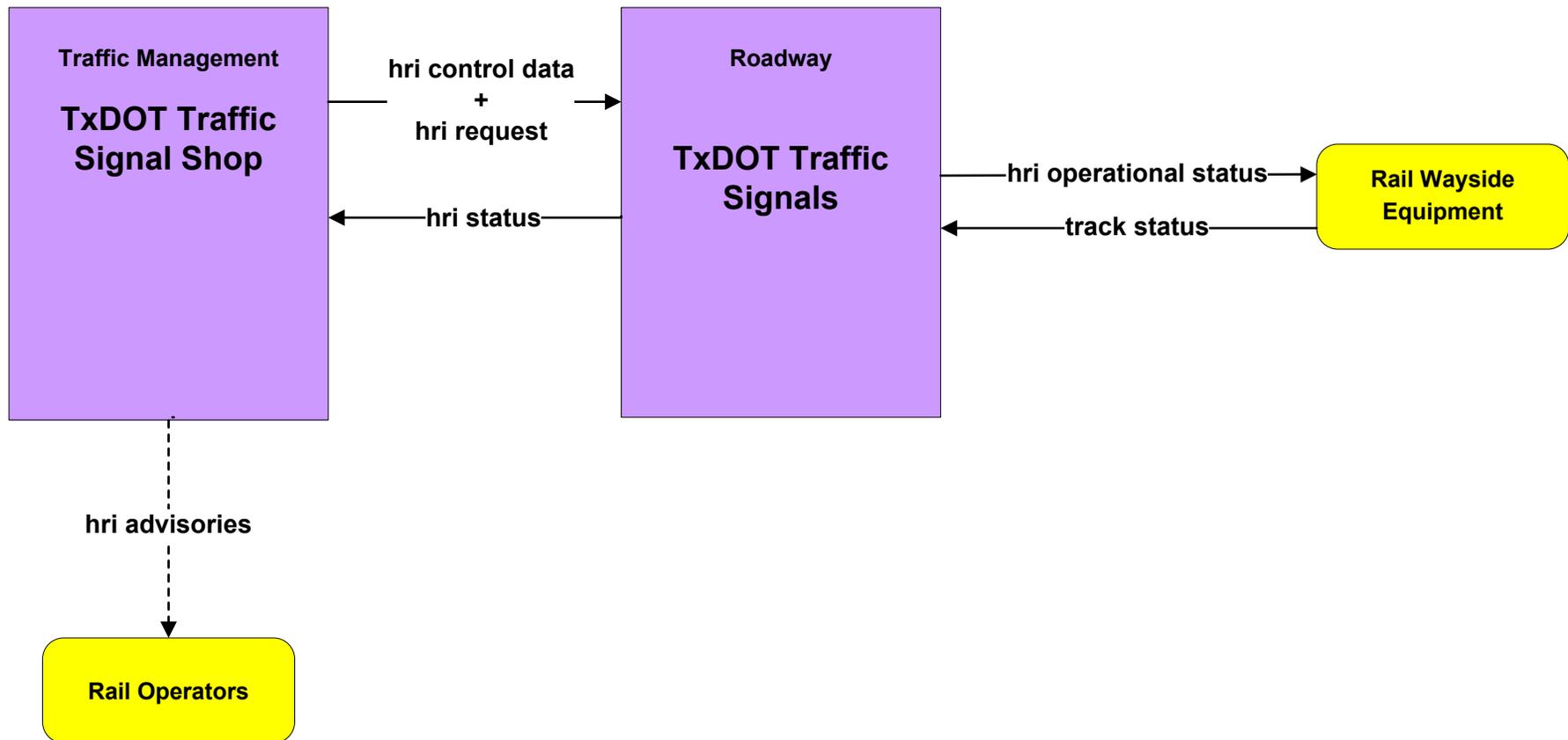
# ATMS10-1 – Electronic Toll Collection Alamo RMA



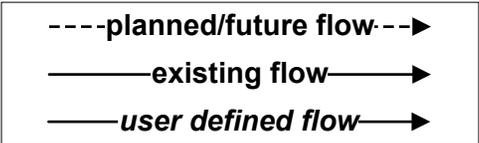
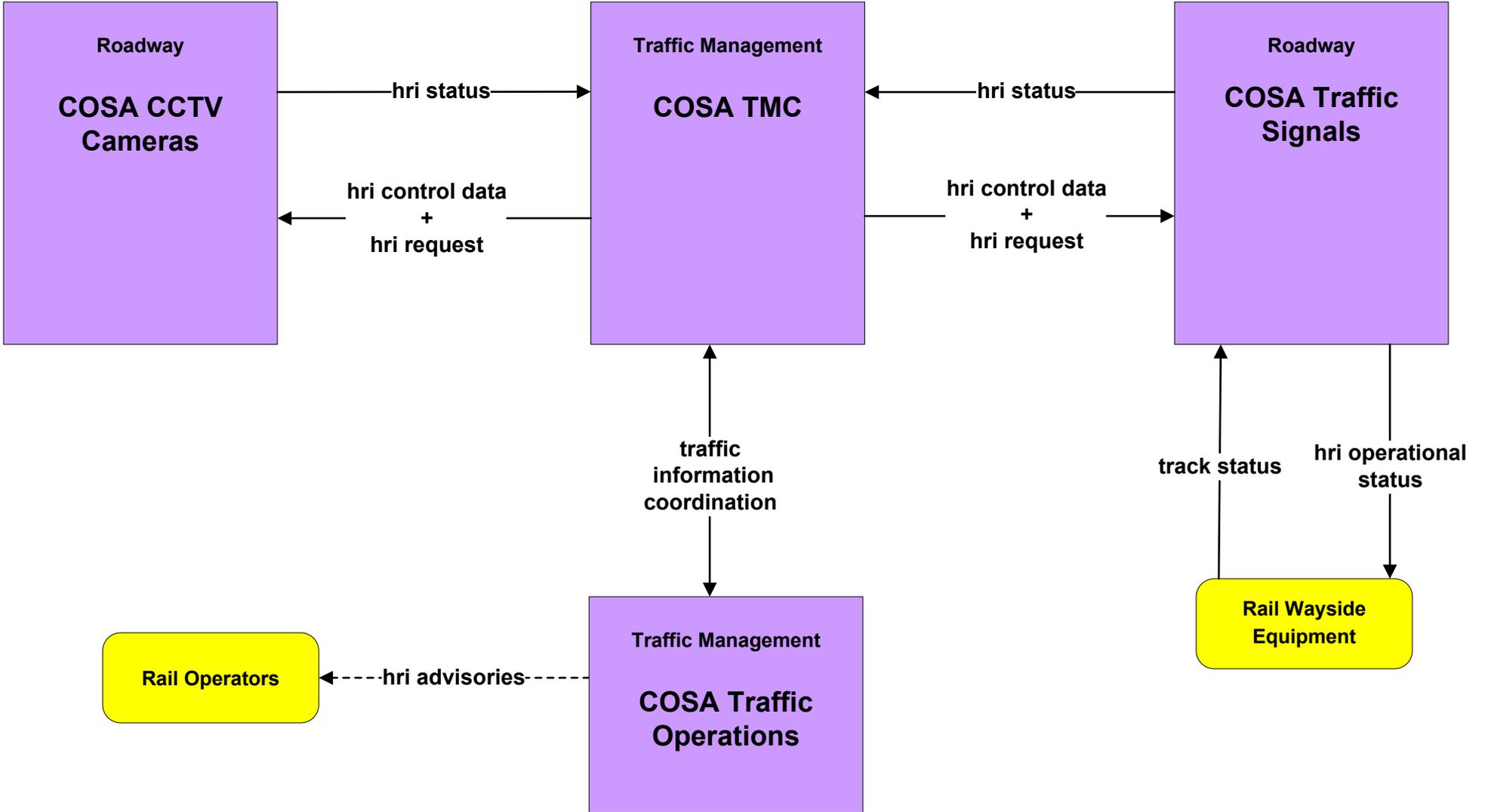
**ATMS11-1 – Emissions Monitoring and Management  
Texas Commission on Environmental Quality (TCEQ)**



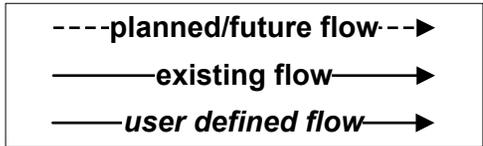
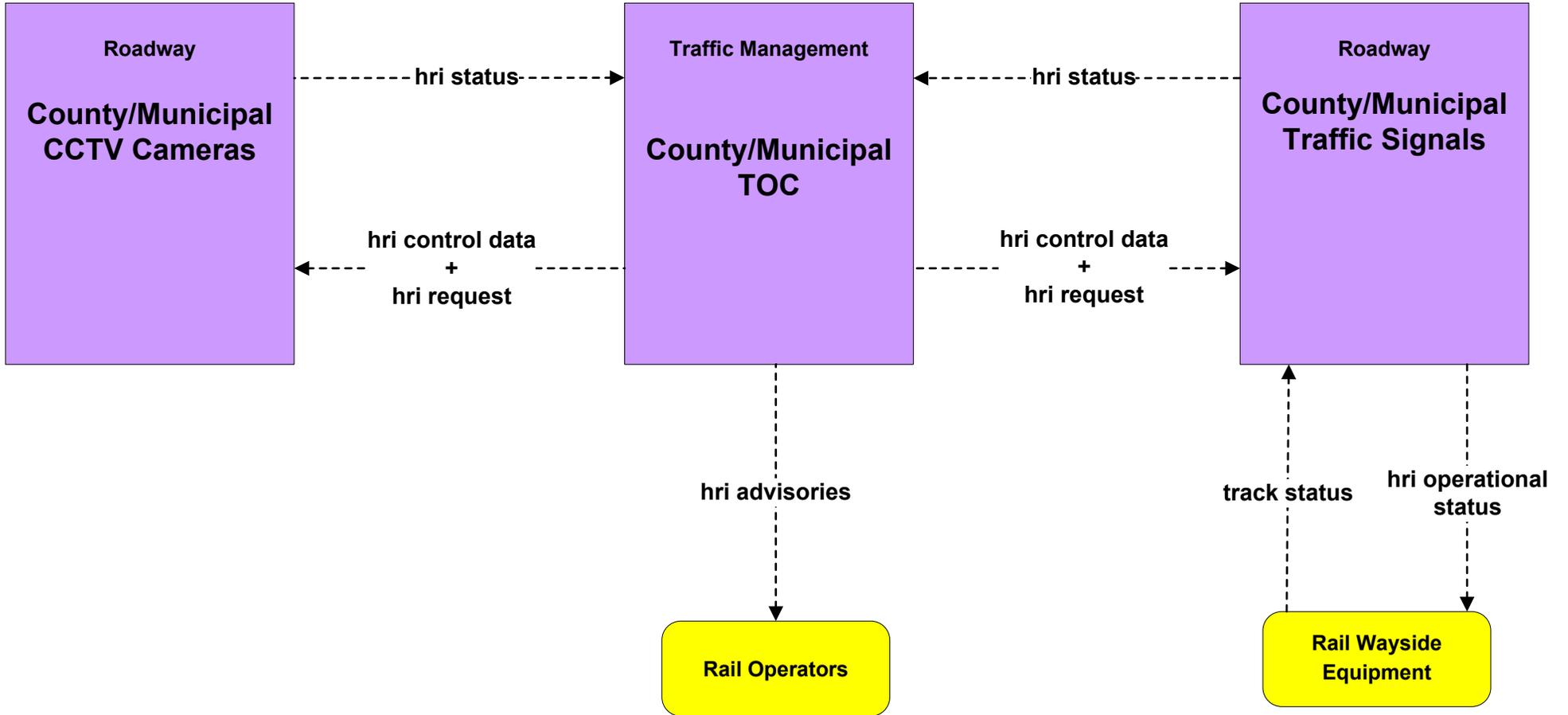
**ATMS13-1 – Standard Railroad Grade Crossing  
TxDOT San Antonio District**



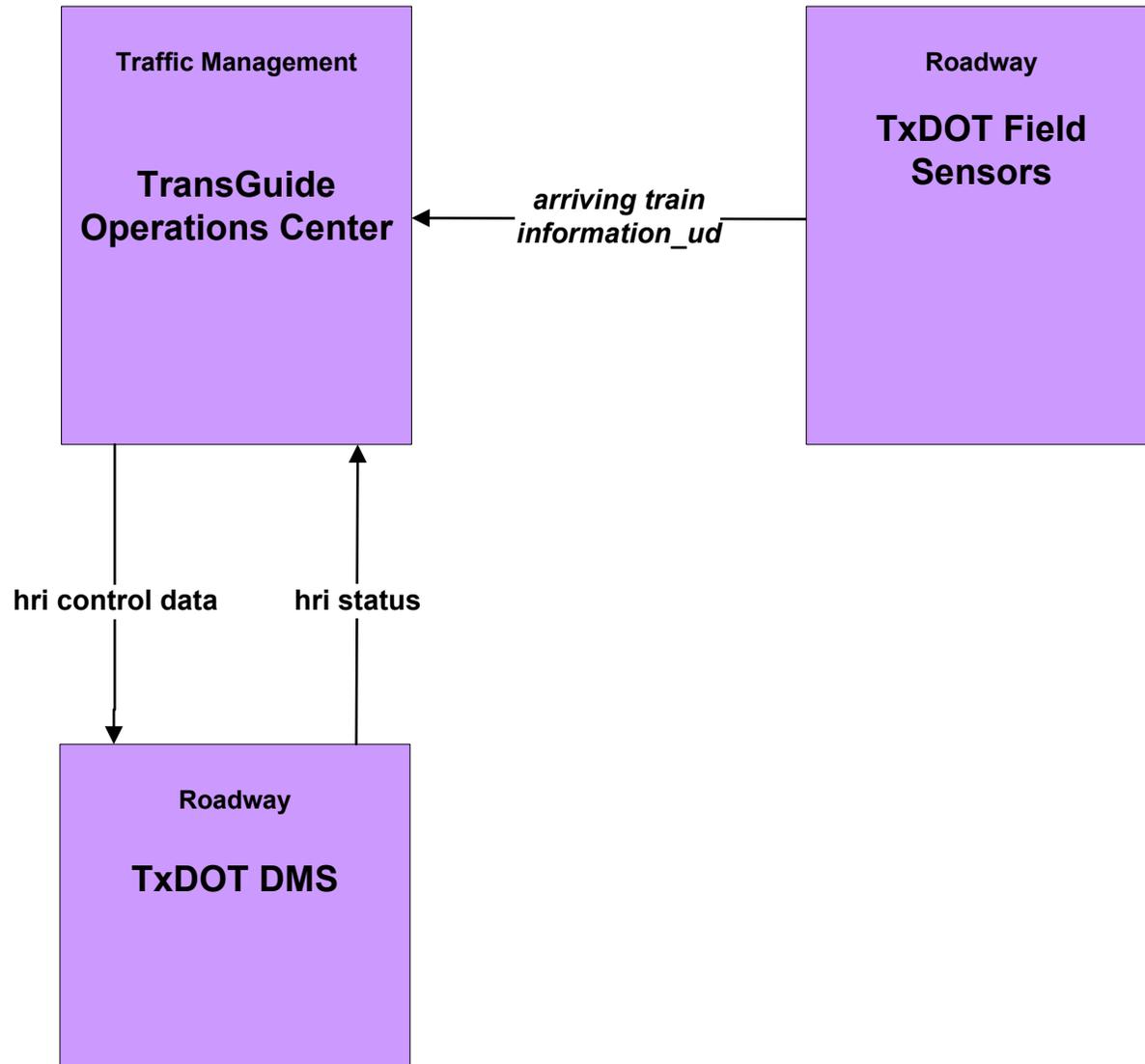
# ATMS13-2 – Standard Railroad Grade Crossing City of San Antonio



# ATMS13-3 – Standard Railroad Grade Crossing County/Municipal

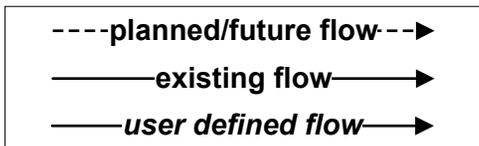
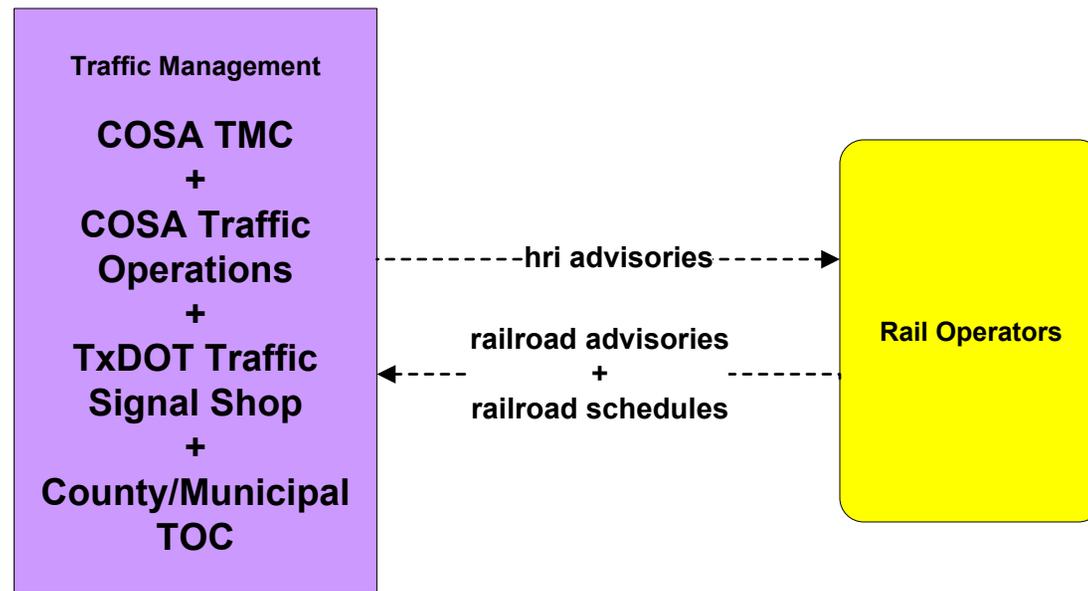


**ATMS14-1 – Advanced Railroad Grade Crossing  
TxDOT AWARD System**

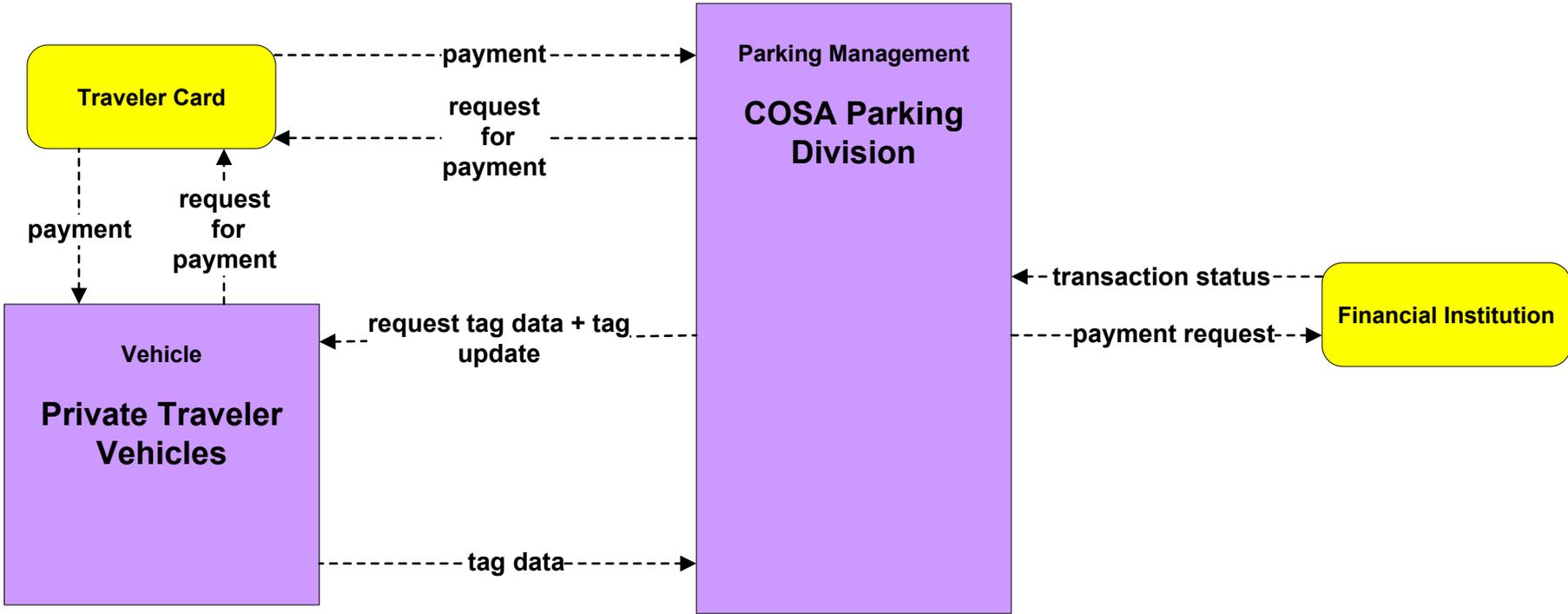


- planned/future flow-->
- existing flow——>
- user defined flow*——>

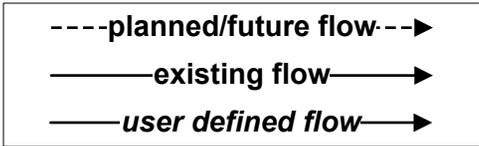
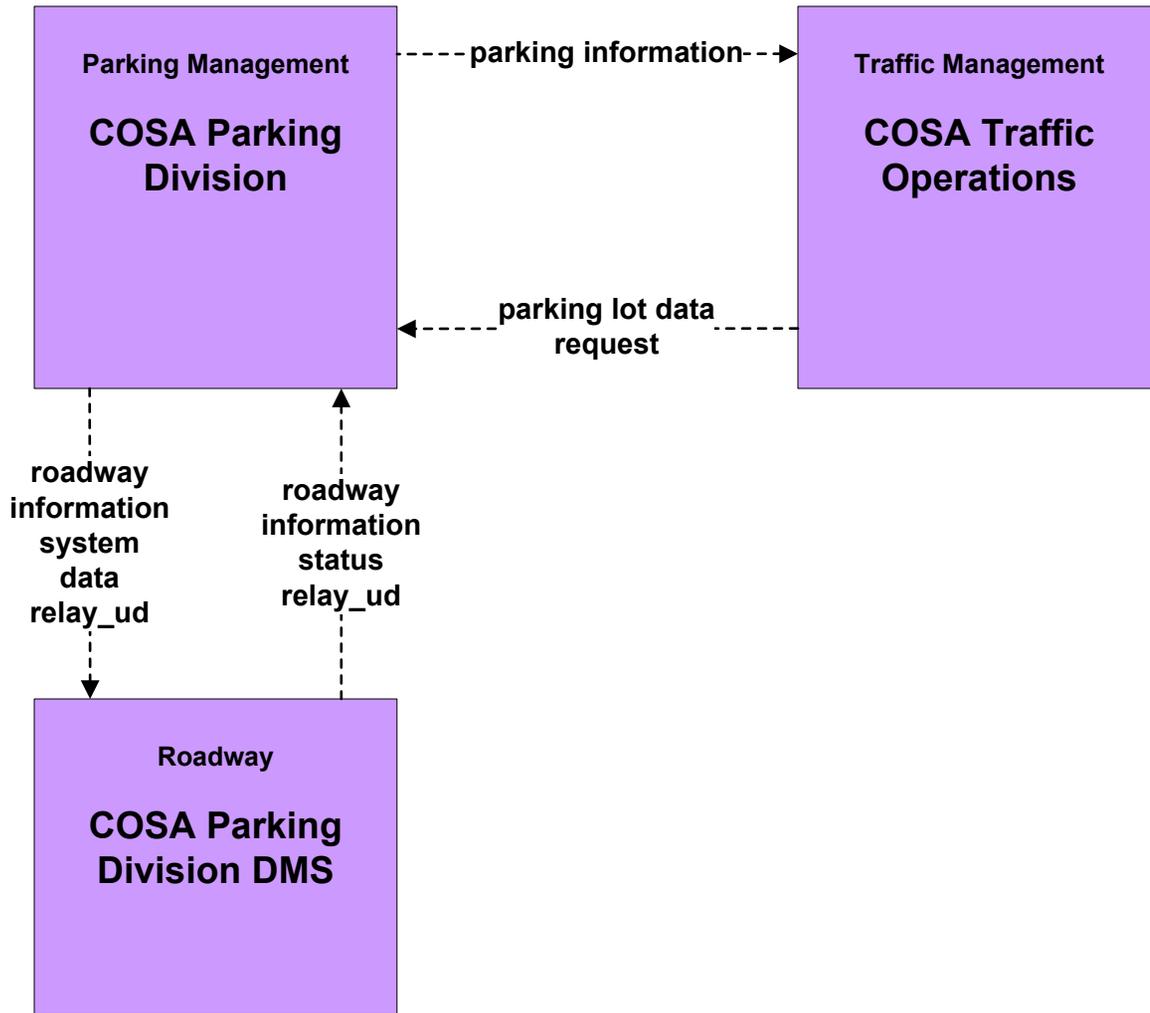
**ATMS15-1 – Railroad Operations Coordination  
TxDOT San Antonio District & City of San Antonio & Municipal/County**



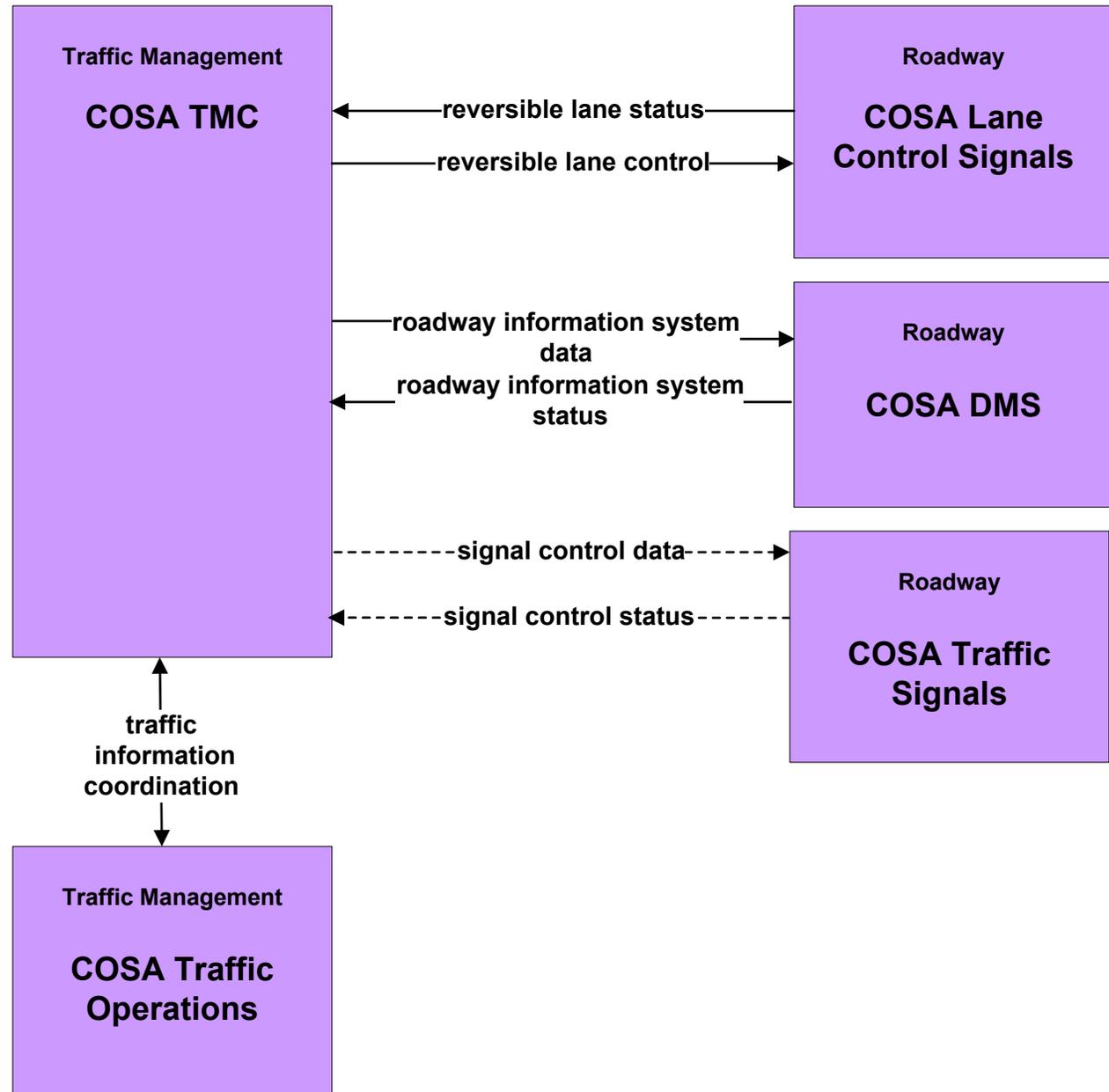
**ATMS16-1 – Parking Facility Management  
City of San Antonio**



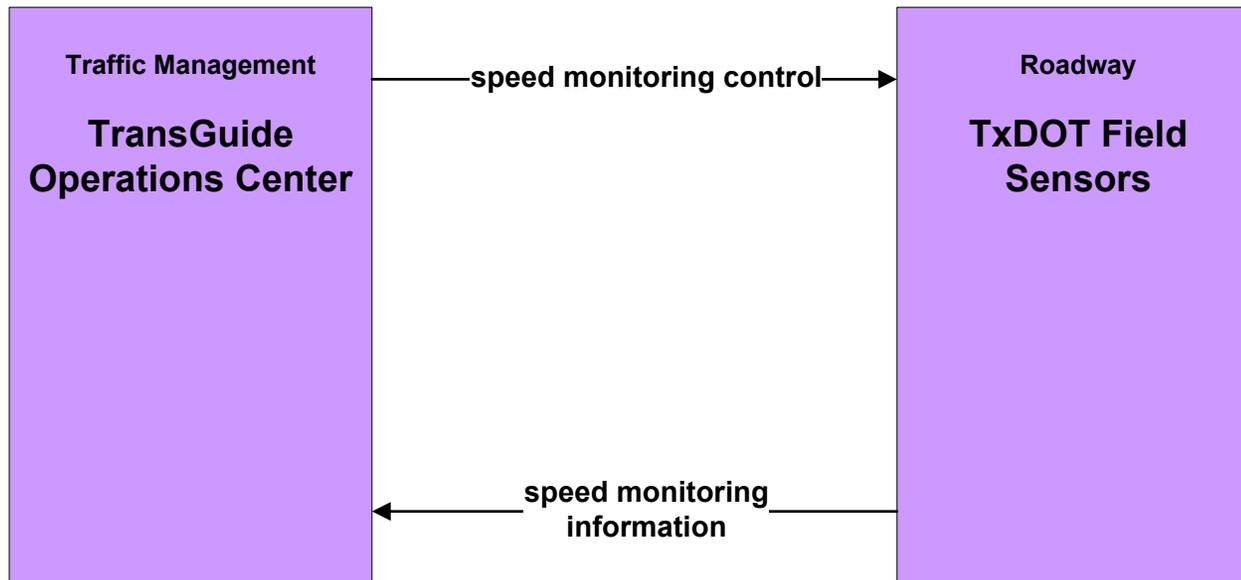
**ATMS17-1 – Regional Parking Management  
City of San Antonio**



# ATMS18-1 – Reversible Lane Management City of San Antonio



# ATMS19-1 – Speed Monitoring TransGuide

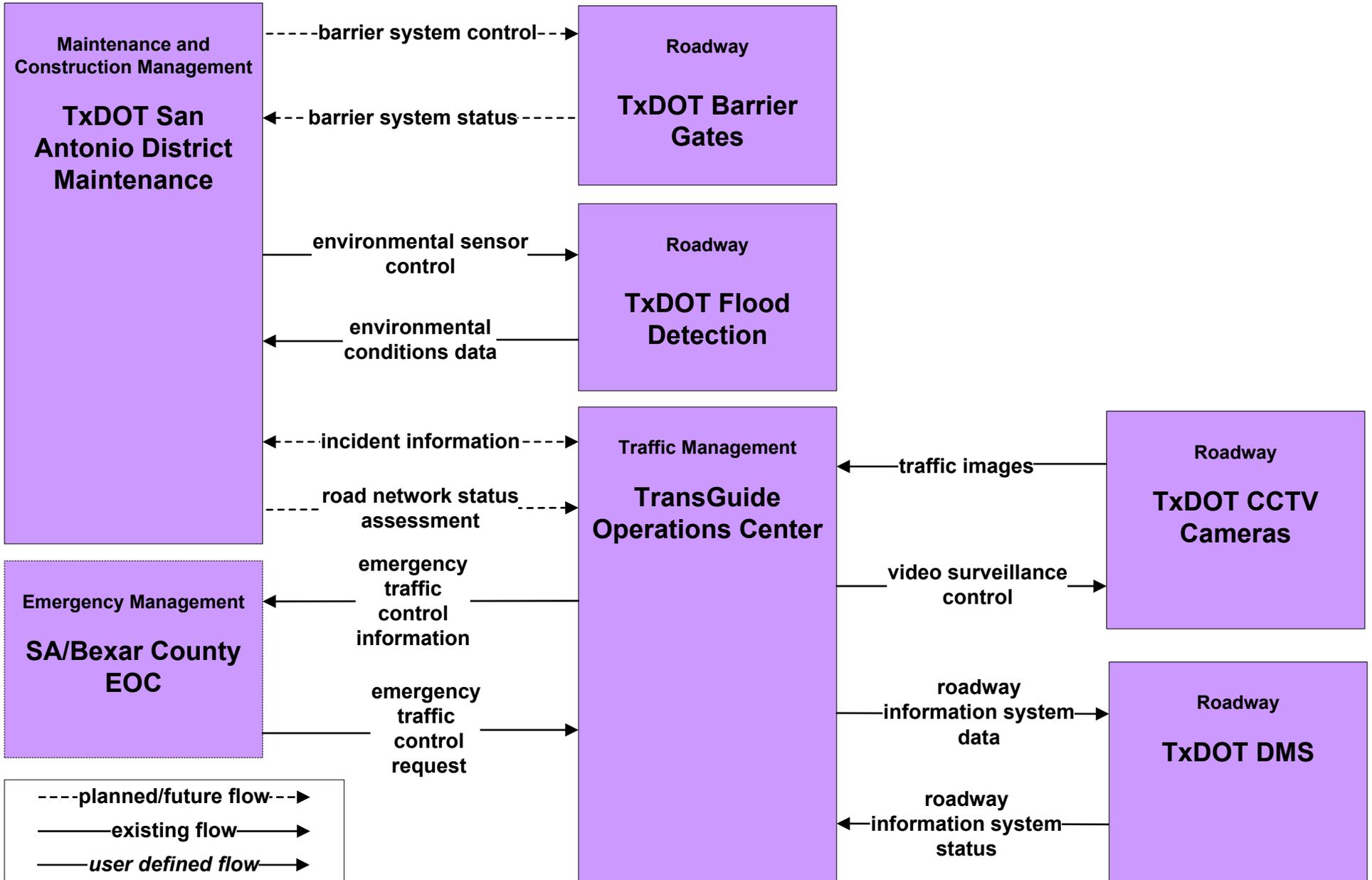


----planned/future flow-->  
——existing flow——>  
——user defined flow——>

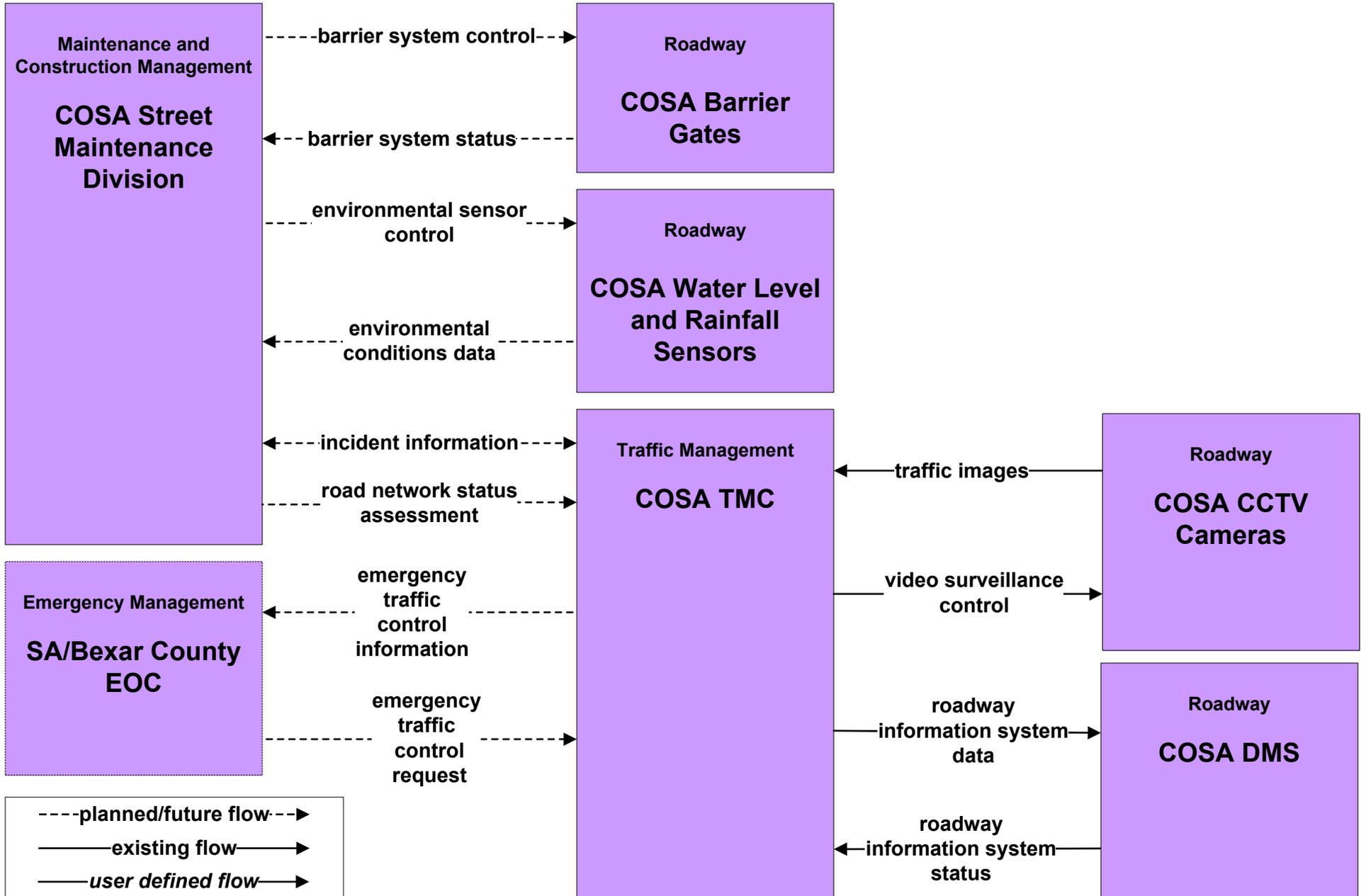
*Note:  
TransGuide is currently posting travel times on  
DMS. The speed information flow could include  
existing or recommended travel speeds.*

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

# ATMS21-1 – Roadway Closure Management TxDOT



# ATMS21-2 – Roadway Closure Management City of San Antonio



# ATMS21-3 – Roadway Closure Management County/Municipal

