

## **APPENDIX A – STAKEHOLDER INTERVIEWS**

**Capital Area Metropolitan Planning Organization**  
**Interview Date: 03-17-06**

<p><b>Michelle Meaux</b> Senior Planner</p>	
<p><b>Department Overview</b></p>	<ul style="list-style-type: none"> <li>▪ The Capital Area Metropolitan Planning Organization (CAMPO) serves as the metropolitan planning organization for the Austin Region.</li> <li>▪ Agencies requesting federal transportation funding through CAMPO for ITS projects must certify that their projects conform to the Regional ITS Architecture.</li> </ul>
<p><b>Existing ITS Uses and Plans</b></p>	<ul style="list-style-type: none"> <li>▪ CAMPO does not currently have any ITS plans but is responsible for providing the federal transportation funding to other agencies that are implementing ITS.</li> </ul>
<p><b>ITS Needs</b></p>	<ul style="list-style-type: none"> <li>▪ CAMPO would like to be able to archive all of the data collected through ITS implementation and make that available to agencies throughout the Austin Region.</li> <li>▪ CAMPO will need to continue to review ITS requests for federal transportation funding to determine if projects conform to the Regional ITS Architecture.</li> </ul>
<p><b>Market Package Discussions</b></p>	<ul style="list-style-type: none"> <li>▪ AD2–ITS Data Warehouse was discussed as a market package for CAMPO to archive data from multiple agencies.</li> <li>▪ AD3–ITS Virtual Data Warehouse was also discussed as another way for CAMPO to archive data from multiple agencies.</li> </ul>

**Village of Bee Cave**  
**Interview Date: 04-06-06**

<p><b>Travis Askey</b> Assistant Village Administrator</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Municipal government for the Village of Bee Cave.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ No existing or planned ITS.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Speed detection at the village entrance to draw attention to lowered speed limit as you enter the village limits.</li> <li>▪ DMS on Hwy 71 prior to Bee Caves Road both eastbound and westbound for traveler information for conditions on Loop 360.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed for the Village of Bee Cave. The ITS needs of the village are addressed in market packages for TxDOT.</li> </ul>

**Central Texas Regional Mobility Authority (CTRMA)**  
**Interview Date: 04/12/06**

<p><b>Ron Fagan</b> Director of Operations</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Central Texas Regional Mobility Authority.</li> <li>▪ Responsible for construction, operations, and maintenance of toll roads in the Central Texas area, currently 183A is the only CTRMA facility.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ 183A is currently under construction.</li> <li>▪ Electronic toll collection is the only ITS technology planned for the facility.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Potential future need for using vehicle toll tags as probes for speed detection.</li> <li>▪ Potential future need for DMS southbound to display travel times to US 183 and I-35.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ ATMS01 – Network Surveillance - this market package will not be customized for CTRMA as there are no network surveillance needs anticipated at this time.</li> <li>▪ ATMS02 – Probe Surveillance – customized for future needs.</li> <li>▪ ATMS06 – Traffic Information Dissemination – customized to include connections to the media and DMS in the future as well as connections to emergency management and transit management agencies similar to those included for the TxDOT Austin District.</li> <li>▪ ATMS07 – Regional Traffic Control – customized to indicate that CTRMA will coordinate with the City of Austin, City of Cedar Park, City of Leander and Williamson County.</li> <li>▪ ATMS10 – Electronic Toll Collection – customized to reflect the electronic toll collection system.</li> <li>▪ EM01 –Emergency Call Taking and Dispatch – CTRMA will be included for incident response coordination.</li> <li>▪ EM07 – Early Warning System – CTRMA will be included as a recipient of flood monitoring data from USGS and/or LCRA. We need to determine which agency or agencies have jurisdictional boundaries in the areas where CTRMA facilities will be located.</li> <li>▪ EM08 – Disaster Response and Recovery – CTRMA will be included on the customized market packages for the Williamson County EOC, the Austin/Travis County EOC, and the generic County EOC which covers additional counties in the Region.</li> <li>▪ EM09 – Evacuation and Reentry Management - CTRMA will be included on the customized market packages for the Williamson County EOC, the Austin/Travis County EOC, and the generic County EOC which covers additional counties in the Region.</li> </ul>

**Travis County Transportation and Natural Resources Department**  
**Interview Date: 04-18-06**

<p><b>David Greear</b> Traffic Manager</p>	
<p><b>Department Overview</b></p>	<ul style="list-style-type: none"> <li>▪ Travis County Transportation and Natural Resources provides a variety of services, including engineering, design, construction, and maintenance of Travis County roads, drainage and bridges.</li> </ul>
<p><b>Existing ITS Uses and Plans</b></p>	<ul style="list-style-type: none"> <li>▪ No existing or planned ITS.</li> </ul>
<p><b>ITS Needs</b></p>	<ul style="list-style-type: none"> <li>▪ Flood detection is currently in place at the start of Spicewood Springs Road off of Loop 360 and is operated and maintained by the City of Austin. Travis County would like additional flood detection at other low water crossings on Spicewood Springs Road.</li> <li>▪ Travis County would like to be able to notify residents of travel times and delays on Brodie Lane, Anderson Mill Road, and Southwest Parkway and be able to suggest alternate routes.</li> <li>▪ Travis County residents have a need for real-time information on State routes through the County.</li> </ul>
<p><b>Market Package Discussions</b></p>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed for the Travis County Transportation and Natural Resources Department.</li> </ul>

**City of Georgetown**  
**Interview Date: 04-18-06**

<p><b>Paul Bradenburg</b> City Manager</p> <p><b>Mark Miller</b> Transportation Manager</p> <p><b>David Morgan</b> Chief of Police</p> <p><b>Dennis Schoenborn</b> Director of Information Technology</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Municipal government for the City of Georgetown.</li> <li>▪ The City currently only has one signal; two additional signals are coming soon.</li> <li>▪ Citywide dispatch for police, fire, utilities and signals.</li> <li>▪ The City fiber network is being designed and constructed to handle large amounts of data.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ Will take signals within the City from TxDOT when maintenance funding issues are worked out or the city population reaches 50,000 (anticipated by 2010), whichever comes first.</li> <li>▪ Flood detection on a low bridge with flashers at either end of the bridge.</li> <li>▪ Mobile data terminals in emergency vehicles.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Travel time information (time to Austin).</li> <li>▪ Integrate CAD dispatch with TxDOT ATMS.</li> <li>▪ Traveler information on I-35.</li> <li>▪ Traveler information concerning SH 130 (DMS southbound north of Georgetown so SH 130 can be an alternate route).</li> <li>▪ DMS, CCTV and vehicle detection (volume and speed) on Southwest Bypass (roadway under construction).</li> <li>▪ CCTV on inner loop.</li> <li>▪ Improved signal coordination.</li> <li>▪ Additional flood detection (Oak Tree Drive at Bear Creek, College Street in San Gabriel Park, etc.), also consider automated closure system.</li> <li>▪ Emergency vehicle signal preemption.</li> <li>▪ Portable DMS.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with the City of Georgetown at the meeting.</li> <li>▪ Based on future plans and needs, the following market packages will be added for the City of Georgetown: ATMS01, ATMS03, ATMS06, ATMS07, ATMS08, ATMS13, EM07, and EM10. Public safety departments are included as part of the municipal market package instance for EM01 and EM02.</li> </ul>

**City of Cedar Park**  
**Interview Date: 04-19-06**

<p><b>Duane Smith</b> Director of Planning</p> <p><b>Eric Rauschuber, P.E.</b> Field Operations Director</p> <p><b>Alan Green</b> Public Works Engineering Technician</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Municipal government for the City of Cedar Park.</li> <li>▪ Field Operations Department is responsible for traffic signal maintenance in the City of Cedar Park.</li> <li>▪ Public Works Department is responsible for roadway management and traffic signal design.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ 13 existing traffic signals.</li> <li>▪ Will take control of TxDOT signals within the City when the population reaches 50,000 (anticipated by 2010).</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Cedar Park Traffic Operations Center to control signal system and other future ITS devices.</li> <li>▪ CCTV for incident detection.</li> <li>▪ DMS on 1431 near US 183 and on 183 southbound north of New Hope so that vehicles can be detoured to 183A if there is an incident on 183.</li> <li>▪ Emergency vehicle signal preemption (Cedar Park FD, Williamson County EMS and Travis County EMS).</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with the City of Cedar Park at the meeting.</li> <li>▪ Based on future plans and needs, the following market packages will be added for the City of Cedar Park: ATMS01, ATMS03, ATMS06, ATMS07, ATMS08, ATMS13, ATMS 15, and EM10. Public safety departments are included as part of the municipal market package instance for EM01 and EM02.</li> </ul>

**City of Round Rock**  
**Interview Date: 04-27-06**

<p><b>Thomas Martin, P.E.</b> Director of Transportation Services</p> <p><b>David Bartels</b> Transportation Project Manager</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Municipal government for the City of Round Rock.</li> <li>▪ Transportation Services Department controls all signals within the City of Round Rock.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ Traffic operations center with communication to closed loop signal systems.</li> <li>▪ CCTV of major arterial intersections with pan-tilt-zoom.</li> <li>▪ Plan to share video feed with police department (no control).</li> <li>▪ Portable DMS.</li> <li>▪ Fire and EMS traffic signal preemption.</li> <li>▪ Fire and Police MDTs, Traffic will have MDTs within a year.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Share CCTV video with TxDOT.</li> <li>▪ Should consider permanent DMS at key locations (i.e. Dell Diamond).</li> <li>▪ CCTV and detector data from TxDOT as they deploy farther north on I-35.</li> <li>▪ Would like to include real time traffic/incident information on the City website.</li> <li>▪ Railroad crossing advance notification of blockages.</li> <li>▪ Coordination with adjacent jurisdictions (TxDOT, Williamson County, Travis County, City of Austin, City of Cedar Park, City of Georgetown).</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with the City of Round Rock at the meeting.</li> <li>▪ Based on future plans and needs, several market packages will be modified or added for the City of Round Rock.</li> </ul>



**Texas State University**  
**Interview Date: 05-03-06**

<p><b>Paul Hamilton</b> Auxiliary Services</p>	
<p><b>Department Overview</b></p>	<ul style="list-style-type: none"> <li>▪ Texas State University (TSU) operates bus and shuttle service for the university. Shuttle services are provided to campus parking lots, bus service is provided for students in the San Marcos area, and an express bus service is operated from south Austin to TSU for students living in the Austin area. The express bus service from Austin is also available to the general public for a fee.</li> <li>▪ TSU does operate bus service during some special events, such as TSU football games, but ridership has not been very high.</li> <li>▪ TSU provides assistance during evacuations. Flooding is a large issue in San Marcos and is the most common reason for using buses for evacuation.</li> <li>▪ TSU works with CARTS to meet the needs of students living off campus. Although service is not currently provided by TSU during times when school is not in session, they are considering offering some type of year round service.</li> </ul>
<p><b>Existing ITS Uses and Plans</b></p>	<ul style="list-style-type: none"> <li>▪ Plan to add wireless internet hubs on all buses that provide service to Austin.</li> </ul>
<p><b>ITS Needs</b></p>	<ul style="list-style-type: none"> <li>▪ Advanced notification that railroad crossings are blocked. Currently all but two TSU routes cross railroad tracks as part of their route.</li> <li>▪ Next bus real-time arrival information to post on the internet or at transit stations and stops.</li> <li>▪ Passenger counting software and hardware to detect boarding and alighting.</li> <li>▪ Improved coordination with CARTS and Capital Metro.</li> <li>▪ Other Considerations - TxDOT would like to consider using the intercity TSU buses that provide service to Austin as probes to track travel times on I-35 between Austin and San Marcos.</li> <li>▪ Other Considerations – TSU will consider adding electronic fare card collection if they can be compatible with CARTS and Capital Metro.</li> <li>▪ Other Considerations – The City of San Marcos traffic signals are in the process of being upgraded. Once the upgrade is complete transit signal priority would be possible. At the current time delays at railroads have a much greater impact than delays at signals, but in the future TSU may consider transit signal priority.</li> </ul>
<p><b>Market Package Discussions</b></p>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with TSU.</li> <li>▪ In light of the current status of TSU serving primarily students and not receiving federal transit funding, TSU bus service is included in the Austin Regional ITS Architecture as Other Transportation Providers.</li> </ul>

**City of San Marcos**  
**Interview Date: 05-09-06**

<p><b>Sabas Avila, P.E.</b> Assistant Director Department of Environment and Engineering</p> <p><b>Johnny James</b> Assistant Police Chief</p> <p><b>Mike Baker</b> Fire Chief</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Municipal government for the City of San Marcos.</li> <li>▪ City is in the process of taking control and maintenance of the traffic signals within the City limits from TxDOT.</li> <li>▪ EMS serves all of Hays County but is dispatched by City of San Marcos PSAP.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ Traffic operations center with spread spectrum communication to closed loop signal systems.</li> <li>▪ Police MDTs.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Improved signal coordination.</li> <li>▪ Flood detection along the Blanco River.</li> <li>▪ CCTV surveillance at low water crossings prone to flooding.</li> <li>▪ Railroad advance notification system.</li> <li>▪ DMS on I-35 approaching the outlet malls at Exit 200.</li> <li>▪ Coordinate with TxDOT Austin and TxDOT San Antonio for traveler information.</li> <li>▪ Integrate CAD with TxDOT ATMS.</li> <li>▪ MDTs for Fire and EMS vehicles.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with the City of San Marcos.</li> <li>▪ Based on future plans and needs, several market packages will be modified or added for the City of San Marcos.</li> </ul>

**Burnet County**  
**Interview Date: 05-17-06**

<p align="center"><b>George Russell</b> Marble Falls City Manager</p> <p align="center"><b>Judy Miller</b> Marble Falls Assistant City Manager</p> <p align="center"><b>Tim Dolan</b> Marble Falls Development Services Director</p> <p align="center"><b>Perry Malkemus</b> Marble Falls Director of Public Works</p> <p align="center"><b>Mark Whitacre</b> Marble Falls Chief of Police</p> <p align="center"><b>Donna Klaeger</b> Burnet County Treasurer Burnet County Judge Elect</p>		<p align="center"><b>Ronny Hibler</b> Burnet County Commissioner</p> <p align="center"><b>James Oakley</b> Burnet County Commissioner</p> <p align="center"><b>Joe Dockery</b> Burnet County Commissioner</p> <p align="center"><b>Jane Marie Hurst</b></p> <p align="center"><b>Howard Lyons</b> TxDOT Area Engineer</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ City of Marble Falls - Municipal government for the City of Marble Falls.</li> <li>▪ Marble Falls 911 Dispatch provides emergency call taking and dispatch services for the City of Marble Falls Police and Fire Departments.</li> <li>▪ Burnet County 911 Dispatch provides emergency call taking and dispatch services for the City of Burnet Police and Fire Departments, County Sheriff, and rural fire departments.</li> <li>▪ Burnet County - County government for Burnet County.</li> <li>▪ TxDOT Burnet Area Office – oversees maintenance and construction activities in the Burnet County area.</li> </ul>		
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ No existing or planned ITS.</li> </ul>		
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Improved signal coordination on US 281 and FM 1431.</li> <li>▪ Flood detection and automated closure gates or warning flashers for low water crossings on state and county roads.</li> <li>▪ Need advance notification of flooding to facilitate detours.</li> <li>▪ Need dynamic message signs when heading out of Marble Falls and Burnet to provide traveler information about incidents on the stretch of roadway connecting the two cities.</li> <li>▪ Need to tie Burnet County 911 CAD system into CTECC for coordination.</li> <li>▪ Need emergency vehicle signal preemption.</li> </ul>		
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed for Burnet County. The ITS needs of the county are addressed in market packages for County elements.</li> <li>▪ County elements represent those services provided in counties in the Austin District except for Travis and Williamson Counties.</li> </ul>		

**Williamson County Emergency Management**  
**Interview Date: 05-30-06**

<p><b>Thomas Bradford</b> Williamson County EMS Captain</p> <p><b>Jeffery Hayes</b> Williamson County EMS Director of Operations Williamson County Assistant Emergency Management Coordinator</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Williamson County EMS provides emergency medical transportation for all of Williamson County.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ Opticom emergency vehicle traffic signal preemption on some ambulances to preempt signals in the City of Round Rock.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Address interoperability with TxDOT system at CTECC during CAD update so that CTECC can share video and other information.</li> <li>▪ Would like to incorporate construction closure information into the CAD system</li> <li>▪ Need CCTV cameras on I-35, SH 45, SH 79, SH 130, US 183, RR 620, and US 183A.</li> <li>▪ Need to work on an agreement to get preemption rights for City of Austin traffic signals for emergency vehicle preemption.</li> <li>▪ Need flood detection and automated closure gates on SH 29 east of I-35, SH 95 north of Taylor and FM 2243.</li> <li>▪ Need notification of railroad crossing blockages so that emergency vehicles can be routed around the crossings.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed at this meeting; however, Williamson County emergency management is included in the architecture as part of Williamson County Public Safety Dispatch.</li> </ul>

**Hays County**  
**Interview Date: 06-08-06**

<p><b>Richard Salmon</b> Grants Administrator</p> <p><b>Jeff Turner</b> Emergency Management Coordinator</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ Hays County Emergency Management is responsible for planning and coordinating the County's response to emergencies. The primary emergency response concern in Hays County is flooding.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ Hays County has received a \$600,000 grant from FEMA to assist in the deployment of flood detection monitors throughout the County. The grant will be available in \$200,000 increments per year. Hays County has identified a total of 182 low water crossings for monitors. The low water crossing sites will also include flashing warning lights that are activated when water is on the roadway and 40 sites will also include CCTV cameras. CCTV cameras may be implemented at additional sites if enough funding is available.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Flood detection and warning is the primary need in Hays County.</li> <li>▪ Traveler information around the I-35 outlet mall. Traffic will back up onto I-35 at the exits to the outlet mall. This used to happen during peak shopping periods but is now becoming a regular occurrence during most weekends.</li> <li>▪ Traveler information on I-35 is also important to provide advanced notice of closures between Austin and San Antonio.</li> <li>▪ Cameras for detection of incidents and flooding on I-35 are needed. Camera images should be sent to the Hays County EOC.</li> <li>▪ Traveler information on RR12 between San Marcos and Wimberley is needed. During Wimberley Days traffic will back up on RR12 due to the large number of travelers and on-going construction on RR12.</li> <li>▪ Better systems for providing traveler information during hurricane evacuations from the Gulf Coast.</li> <li>▪ Real-time information on traffic conditions that can be sent directly to the Hays County CAD system for sheriff, fire, and EMS.</li> <li>▪ Emergency management signal preemption transmitters are needed on emergency vehicles that may respond to incidents in urban areas outside of the County such as Austin.</li> <li>▪ 26 trains per day travel through the San Marcos area parallel to I-35. Kyle and Buda Fire Departments are sometimes caught by the trains. Ways to better coordinate trains and emergency management are needed.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ MC03–Road Weather Data Collection and MC04–Weather Information Processing and Distribution were discussed due to the current FEMA grant to deploy flood detection in Hays County.</li> </ul>

**National Weather Service**  
**Interview Date: 10-12-06**

<p><b>Joe Arellano, Jr.</b> Meteorologist in Charge</p> <p><b>Larry Eblen</b> Warning Coordination Meteorologist</p> <p><b>Jon Zeitler</b> Science and Operations Officer</p>	
<b>Department Overview</b>	<ul style="list-style-type: none"> <li>▪ The National Weather Service provides weather forecasting and warning information. The New Braunfels office forecasts for Central Texas including the Austin and San Antonio areas.</li> </ul>
<b>Existing ITS Uses and Plans</b>	<ul style="list-style-type: none"> <li>▪ The National Weather Service currently tracks weather conditions and flooding throughout the Austin and San Antonio areas. Warnings are updated every minute, alerts are updated every 5 minutes, and forecasts are updated every 6 hours.</li> </ul>
<b>ITS Needs</b>	<ul style="list-style-type: none"> <li>▪ Need to increase the number of detection sites for flood and rainfall throughout the New Braunfels Region. Any available information related to weather conditions is useful to the National Weather Service. Their system currently posts all of their available information on the National Weather Service website and is available to download to any interested agency.</li> </ul>
<b>Market Package Discussions</b>	<ul style="list-style-type: none"> <li>▪ No specific market packages were discussed with the National Weather Service. The ITS needs of the National Weather Service are primarily covered in MC04 – Weather Information Processing and Distribution.</li> </ul>

## **APPENDIX B – MARKET PACKAGE DEFINITIONS**



Market Package	Market Package Name	Description
<b>Traffic Management Service Area</b>		
ATMS01	<b>Network Surveillance</b>	Includes traffic detectors, CCTV cameras, other surveillance equipment, supporting field equipment and fixed point to point communications to transmit the collected data back to a traffic management center.
ATMS02	<b>Probe Surveillance</b>	Provides an alternative approach for surveillance of the roadway network. Probe vehicles are tracked and position and speed information utilized to determine road network conditions such as average speed and congestion conditions.
ATMS03	<b>Surface Street Control</b>	Provides the central control and monitoring equipment, communication links and signal control equipment that support local street and/or arterial traffic management. This market package is consistent with typical urban traffic signal control systems.
ATMS04	<b>Freeway Control</b>	Provides the communications and roadside equipment to support ramp control, lane controls and interchange control for freeways. This market package is consistent with typical urban traffic freeway control systems. Also includes the capability to utilize surveillance information for detection of incidents.
ATMS05	<b>HOV Lane Management</b>	Manages HOV lanes by coordinating freeway ramp meters and connector signals with HOV lane usage signals.
ATMS06	<b>Traffic Information Dissemination</b>	Provides driver information using roadway equipment such as dynamic message signs or highway advisory radio. Information can include traffic and road conditions, closure and detour information, incident information, emergency alerts and driver advisories.
ATMS07	<b>Regional Traffic Control</b>	Sharing of traffic information and control among traffic management centers to support a regional control strategy. The nature of optimization and extent of information and control sharing is determined through working arrangements between jurisdictions.
ATMS08	<b>Traffic Incident Management System</b>	Manages both unexpected incidents and planned events so that the impact to the transportation network and traveler safety is minimized. This market package includes incident detection capabilities and coordination with other agencies. It supports traffic operations personnel in developing an appropriate response in coordination with emergency management, maintenance and construction management, and other incident response personnel.
ATMS09	Traffic Forecast and Demand Management	Includes advanced algorithms, processing, and mass storage capabilities that support historical evaluation, real-time assessment, and forecasts of the roadway network performance.
ATMS10	<b>Electronic Toll Collection</b>	Provides toll operators with the ability to collect tolls electronically and detect and process violations.
ATMS11	<b>Emissions Monitoring and Management</b>	Monitors individual vehicle emissions and provides general air quality monitoring using distributed sensors to collect the data.
ATMS12	Virtual TMC and Smart Probe Data	Provides for special requirements of rural road systems. By distributing traffic management over a very wide area (whole state or collection of states). Each locality can access available information for assessment of road conditions. Vehicles are used as smart probes to provide information on road conditions.
ATMS13	<b>Standard Railroad Grade Crossing</b>	Manages highway traffic at highway-rail intersections (HRIs) where rail operational speeds are less than 80 mph.
ATMS14	Advanced Railroad Grade Crossing	Manages highway traffic at highway-rail intersections (HRIs) where operational speeds are greater than 80 mph. Augments Standard Railroad Grade Crossing market package with additional safety features to mitigate the risks associated with higher rail speeds.
ATMS15	<b>Railroad Operations Coordination</b>	Provides an additional level of strategic coordination between freight rail operations and traffic management centers. Could include train schedules, maintenance schedules or any other anticipated HRI closures.



Market Package	Market Package Name	Description
<b>Traffic Management Service Area (continued)</b>		
ATMS16	<b>Parking Facility Management</b>	Provides enhanced monitoring and management of parking facilities. Market package assists in the management of parking operations, coordinates with transportation authorities, and supports electronic collection of parking fees.
ATMS17	Regional Parking Management	Supports coordination between parking facilities to enable regional parking management strategies.
ATMS18	<b>Reversible Lane Management</b>	Provides for the management of reversible lane facilities and includes the field equipment, physical lane access controls, and associated control electronics.
ATMS19	<b>Speed Monitoring</b>	Monitors the speeds of vehicles traveling through a roadway system.
ATMS20	Drawbridge Management	Supports systems that manage drawbridges at rivers and canals and other multimodal crossings. Includes control devices as well as traveler information systems.
ATMS21	<b>Roadway Closure Management</b>	Closes roadways to vehicular traffic when driving conditions are unsafe, maintenance must be performed, or other situations. Market package covers general road closures applications; specific closure systems that are used at railroad grade crossings, drawbridges, reversible lanes, etc. are covered by other market packages.
<b>Emergency Management Service Area</b>		
EM01	<b>Emergency Call - Taking and Dispatch</b>	Provides basic public safety call-taking and dispatch services. Includes emergency vehicle equipment, equipment used to receive and route emergency calls, wireless communications and coordination between emergency management agencies.
EM02	<b>Emergency Routing</b>	Supports automated vehicle location and dynamic routing of emergency vehicles. Traffic information, road conditions and suggested routing information are provided to enhance emergency vehicle routing. Includes signal preemption and priority applications.
EM03	<b>Mayday Support</b>	Allows the user to initiate a request for emergency assistance and enables the emergency management subsystem to locate the user, gather information about the incident and determine the appropriate response.
EM04	<b>Roadway Service Patrols</b>	Supports the roadway service patrol vehicles that aid motorists, offering rapid response to minor incidents (flat tire, accidents, out of gas) to minimize disruption to the traffic stream. This market package monitors service patrol vehicle locations and supports vehicle dispatch.
EM05	<b>Transportation Infrastructure Protection</b>	Includes the monitoring of transportation infrastructure (e.g. bridges, tunnels and management centers) for potential threats using sensors, surveillance equipment, barriers and safeguard systems to preclude an incident, control access during and after an incident or mitigate the impact of an incident. Threats can be acts of nature, terrorist attacks or other incidents causing damage to the infrastructure.
EM06	<b>Wide-Area Alert</b>	Uses ITS driver and traveler information systems to alert the public in emergency situations such as child abductions, severe weather, civil emergencies or other situations that pose a threat to life and property.
EM07	<b>Early Warning System</b>	Monitors and detects potential, looming and actual disasters including natural, technological and man-made disasters.
EM08	<b>Disaster Response and Recovery</b>	Enhances the ability of the surface transportation system to respond to and recover from disasters. Supports coordination of emergency response plans, provides enhanced access to the scene and better information about the transportation system in the vicinity of the disaster, and maintains situation awareness.

Market Package	Market Package Name	Description
<b>Emergency Management Service Area (continued)</b>		
EM09	<b>Evacuation and Reentry Management</b>	Supports evacuation of the general public from a disaster area and manages subsequent reentry to the disaster area. This market package supports both anticipated, well-planned and orderly evacuations such as for a hurricane, as well as sudden evacuations with little or no time for preparation or public warning such as a terrorist act. Employs a number of strategies to maximize capacity along an evacuation route including coordination with transit.
EM10	<b>Disaster Traveler Information</b>	Use of ITS to provide disaster-related traveler information to the general public, including evacuation and reentry information and other information concerning the operation of the transportation system during a disaster.
<b>Maintenance and Construction Management Service Area</b>		
MC01	<b>Maintenance and Construction Vehicle and Equipment Tracking</b>	Tracks the location of maintenance and construction vehicles and other equipment to ascertain the progress of their activities.
MC02	<b>Maintenance and Construction Vehicle Maintenance</b>	Performs vehicle maintenance scheduling and manages both routine and corrective maintenance activities. Includes on-board sensors capable of automatically performing diagnostics.
MC03	<b>Road Weather Data Collection</b>	Collects current road weather conditions using data collected from environmental sensors deployed on and about the roadway.
MC04	<b>Weather Information Processing and Distribution</b>	Processes and distributes the environmental information collected from the Road Weather Data Collection market package. This market package uses the environmental data to detect environmental hazards such as icy road conditions, high winds, dense fog, etc. so system operators can make decisions on corrective actions to take.
MC05	Roadway Automated Treatment	Automatically treats a roadway section based on environmental or atmospheric conditions. Includes the sensors that detect adverse conditions, automated treatment (such as anti-icing chemicals), and driver information systems.
MC06	Winter Maintenance	Supports winter road maintenance. Monitors environmental conditions and weather forecasts and uses the information to schedule winter maintenance activities.
MC07	<b>Roadway Maintenance and Construction</b>	Supports numerous services for scheduled and unscheduled maintenance and construction on a roadway system or right-of-way. Environmental conditions information is also received from various weather sources to aid in scheduling maintenance and construction activities.
MC08	<b>Work Zone Management</b>	Directs activity in work zones, controlling traffic through portable dynamic message signs and informing other groups of activity for better coordination management. Also provides speed and delay information to motorists prior to the work zone.
MC09	<b>Work Zone Safety Monitoring</b>	Includes systems that improve work crew safety and reduce collisions between the motoring public and maintenance and construction vehicles. Detects vehicle intrusions in work zones and warns workers and drivers of safety hazards when encroachment occurs.
MC10	<b>Maintenance and Construction Activity Coordination</b>	Supports the dissemination of maintenance and construction activity to centers that can utilize it as part of their operations. (i.e., traffic management, transit, emergency management)
<b>Public Transportation Service Area</b>		
APTS1	<b>Transit Vehicle Tracking</b>	Monitors current transit vehicle location using an automated vehicle location system. Location data may be used to determine real time schedule adherence and update the transit system's schedule in real time.
APTS2	<b>Transit Fixed-Route Operations</b>	Performs vehicle routing and scheduling, as well as operator assignment and system monitoring for fixed-route and flexible-route transit services.

Market Package	Market Package Name	Description
<b>Public Transportation Service Area (continued)</b>		
<b>APTS3</b>	<b>Demand Response Transit Operations</b>	Performs vehicle routing and scheduling, as well as operator assignment and system monitoring for demand responsive transit services.
<b>APTS4</b>	<b>Transit Passenger and Fare Management</b>	Manages passenger loading and fare payments on transit vehicles using electronic means.
<b>APTS5</b>	<b>Transit Security</b>	Provides for the physical security of transit passengers and transit vehicle operators. Includes on-board security cameras and panic buttons.
<b>APTS6</b>	<b>Transit Maintenance</b>	Supports automatic transit maintenance scheduling and monitoring for both routine and corrective maintenance.
<b>APTS7</b>	<b>Multi-modal Coordination</b>	Establishes two way communications between multiple transit and traffic agencies to improve service coordination.
<b>APTS8</b>	<b>Transit Traveler Information</b>	Provides transit users at transit stops and on board transit vehicles with ready access to transit information. Services include stop annunciation, imminent arrival signs and real-time transit schedule displays. Systems that provide custom transit trip itineraries and other tailored transit information services are also represented by this market package.
<b>Commercial Vehicle Operations Service Area</b>		
CVO01	Fleet Administration	Provides the capabilities to manage a fleet of commercial vehicles. Vehicle routing and tracking as well as notification of emergency management of any troublesome route deviations (such as a HAZMAT vehicle) are part of this market package.
CVO02	Freight Administration	Tracks the movement of cargo and monitors the cargo condition.
CVO03	Electronic Clearance	Provides for automatic clearance at roadside check facilities. Allows a good driver/vehicle/carrier to pass roadside facilities at highway speeds using transponders and dedicated short range communications to the roadside.
<b>CVO04</b>	<b>Administrative Processes</b>	Provides for electronic application, processing, fee collection, issuance and distribution of CVO credentials and tax filing.
CVO05	International Border Electronic Clearance	Provides for automated clearance at international border crossings.
CVO06	Weigh-In-Motion	Provides for high speed weigh-in-motion with or without automated vehicle identification capabilities.
CVO07	Roadside CVO Safety	Provides for automated roadside safety monitoring and reporting. Automates commercial vehicle safety inspections at the roadside check facilities.
CVO08	On-board CVO and Freight Safety & Security	Provides for on-board commercial vehicle safety monitoring and reporting as well as roadside support for reading on-board safety data via tags.
CVO09	CVO Fleet Maintenance	Supports maintenance of CVO fleet vehicles with on-board monitoring equipment and automated vehicle location capabilities.
<b>CVO10</b>	<b>HAZMAT Management</b>	Integrates incident management capabilities with commercial vehicle tracking to assure effective treatment of HAZMAT material and incidents.
CVO11	Roadside HAZMAT Security Detection and Mitigation	Provides the capability to detect and classify security sensitive HAZMAT on commercial vehicles using roadside sensing and imaging technology. Credentials information can be accessed to verify if the commercial driver, vehicle and carrier are permitted to transport the identified HAZMAT.
CVO12	Commercial Vehicle Driver Security Authentication	Provides the ability for Fleet and Freight Management to detect when an unauthorized commercial vehicle driver attempts to drive a vehicle based on stored identity information. If an unauthorized driver has been detected the commercial vehicle can be disabled.
CVO13	Freight Assignment Tracking	Provides for the planning and tracking of the commercial vehicle, freight equipment and the commercial vehicle driver.

Market Package	Market Package Name	Description
<b>Traveler Information Service Area</b>		
<b>ATIS1</b>	<b>Broadcast Traveler Information</b>	Collects traffic conditions, advisories, general public transportation, toll and parking information, incident information, roadway maintenance and construction information, air quality and weather information, and broadly disseminates this information through existing infrastructures (radio, cell phones, etc.).
<b>ATIS2</b>	<b>Interactive Traveler Information</b>	Provides tailored information in response to a traveler request. The traveler can obtain current information regarding traffic conditions, roadway maintenance and construction, transit services, ride share/ride match, parking management, detours and pricing information.
ATIS3	Autonomous Route Guidance	Using vehicle location and other information, this market package enables route planning and detailed route guidance based on static, stored information.
ATIS4	Dynamic Route Guidance	Offers advanced route planning and guidance that is responsive to current conditions.
<b>ATIS5</b>	<b>ISP Based Route Guidance</b>	Offers the user pre-trip route planning and turn-by-turn route guidance services. Routes may be based on static or real time network conditions.
ATIS6	Integrated Transportation Management/Route Guidance	Provides advanced route planning and guidance that is responsive to current conditions.
ATIS7	Yellow Pages and Reservation	Provides yellow pages and reservations services to the user.
ATIS8	Dynamic Ridesharing	Provides dynamic ridesharing/ride matching services to travelers.
ATIS9	In Vehicle Signing	Supports the distribution of traffic and travel advisory information to drivers through in-vehicle devices.
<b>Archived Data Management Service Area</b>		
<b>AD1</b>	<b>ITS Data Mart</b>	Provides a focused archive that houses data collected and owned by a single agency or other organization. Focused archive typically covers a single transportation mode and one jurisdiction.
<b>AD2</b>	<b>ITS Data Warehouse</b>	Includes all the data collection and management capabilities of the ITS Data Mart. Adds the functionality to allow collection of data from multiple agencies and data sources across modal and jurisdictional boundaries.
<b>AD3</b>	<b>ITS Virtual Data Warehouse</b>	Provides the same broad access to multimodal, multidimensional data from varied sources as in the ITS Data Warehouse Market Package, but provides this access using enhanced interoperability between physically distributed ITS archives that are each locally managed.

Note: Market packages in bold indicate those selected for by the Austin Regional ITS Architecture stakeholders for implementation in the Austin Region.

## **APPENDIX C – CUSTOMIZED MARKET PACKAGES**

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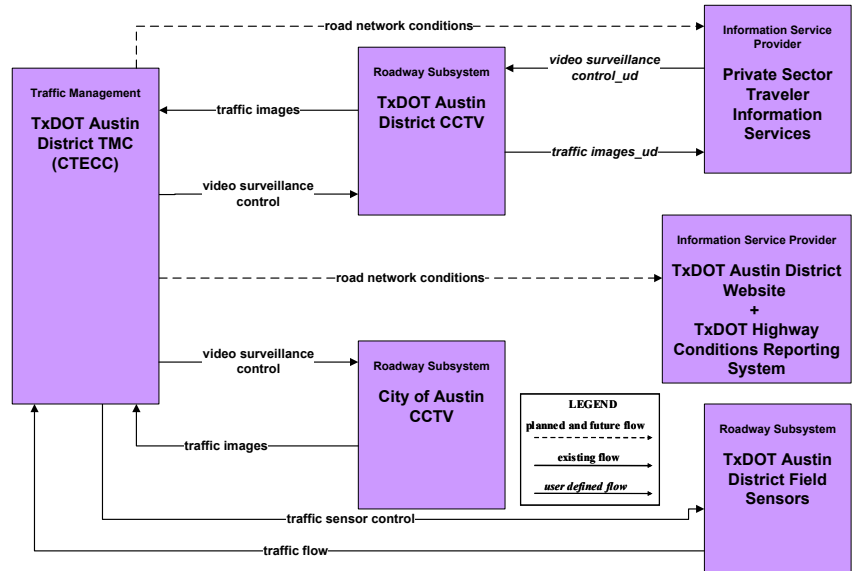


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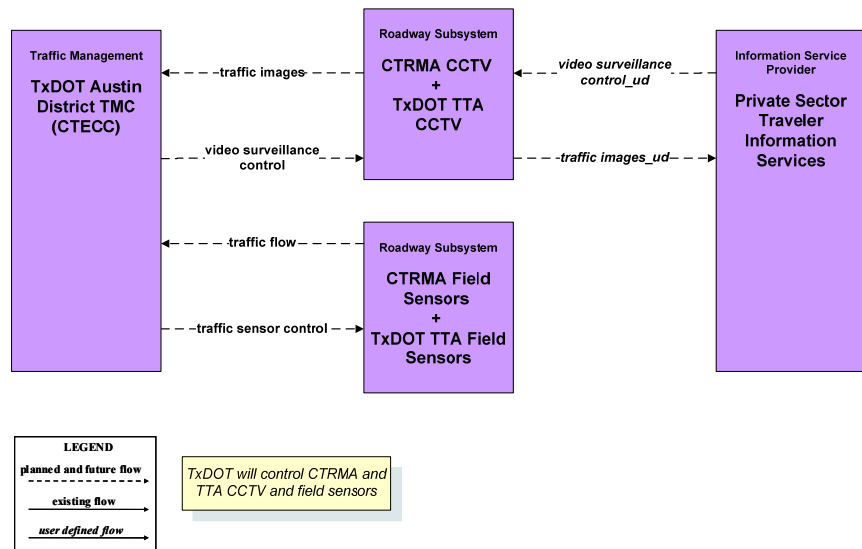
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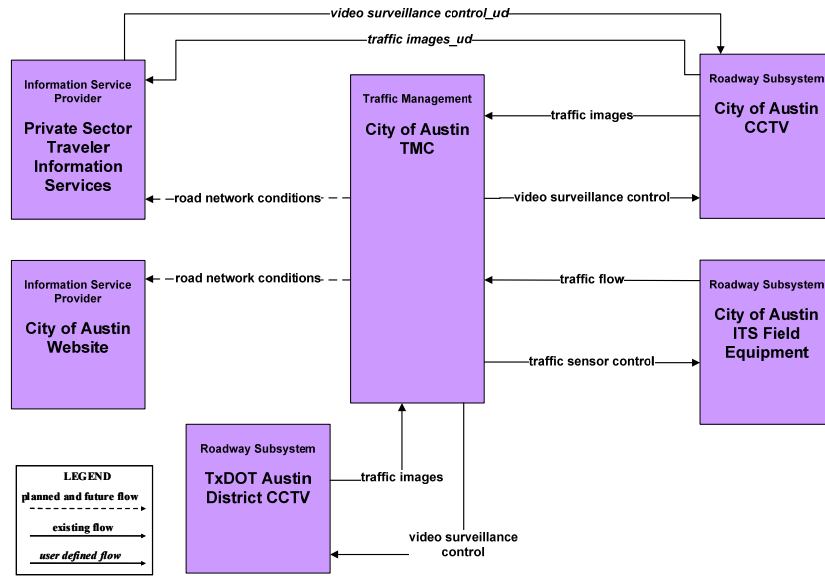
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**TxDOT Austin District Traffic Management Center (CTECC) (1 of 2)**



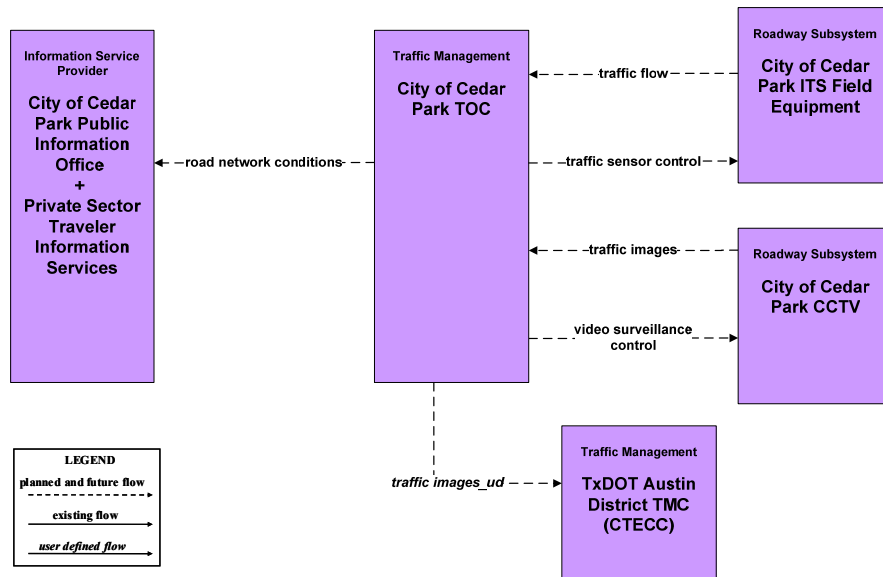
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**TxDOT Austin District Traffic Management Center (CTECC) (2 of 2)**



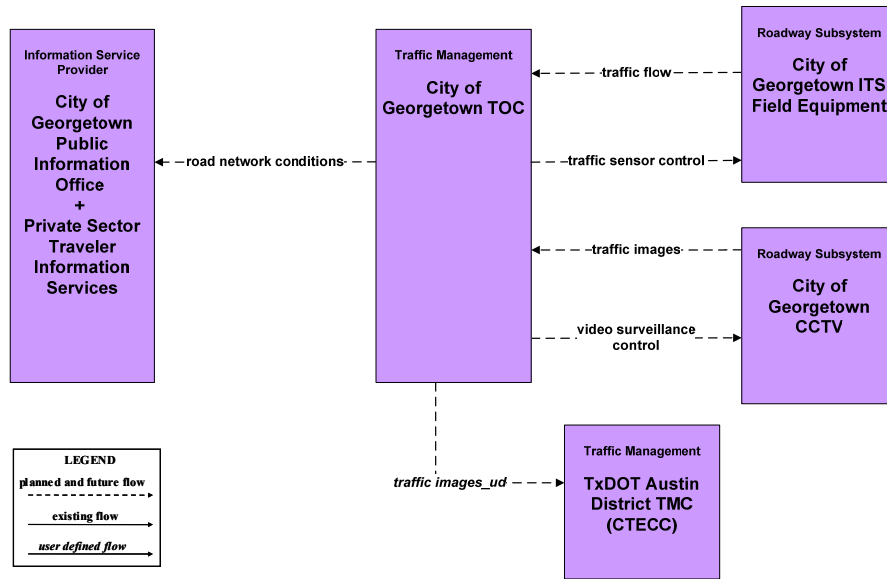
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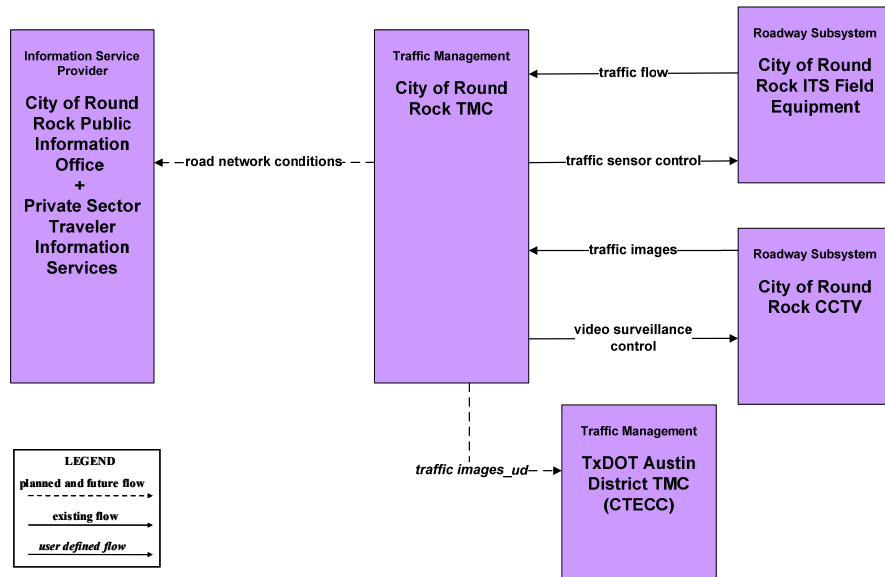
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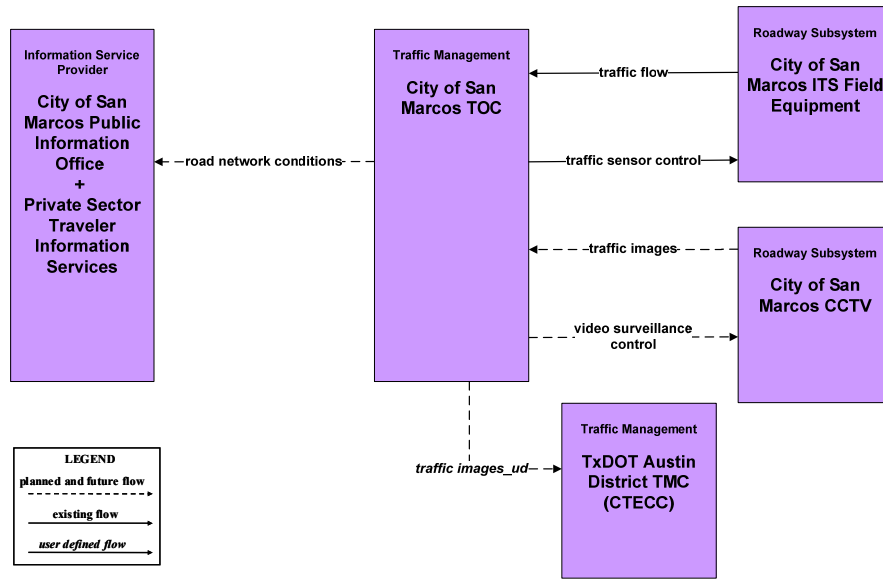
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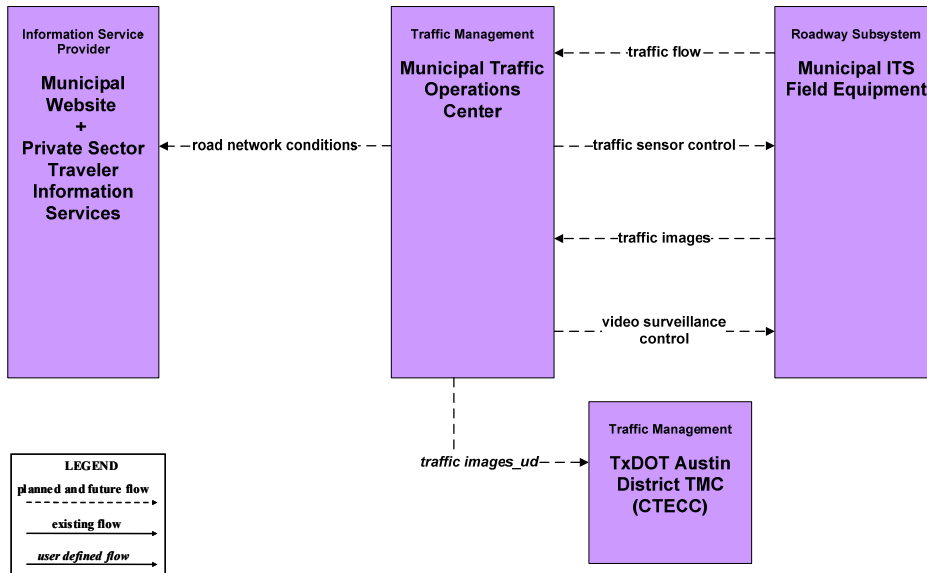
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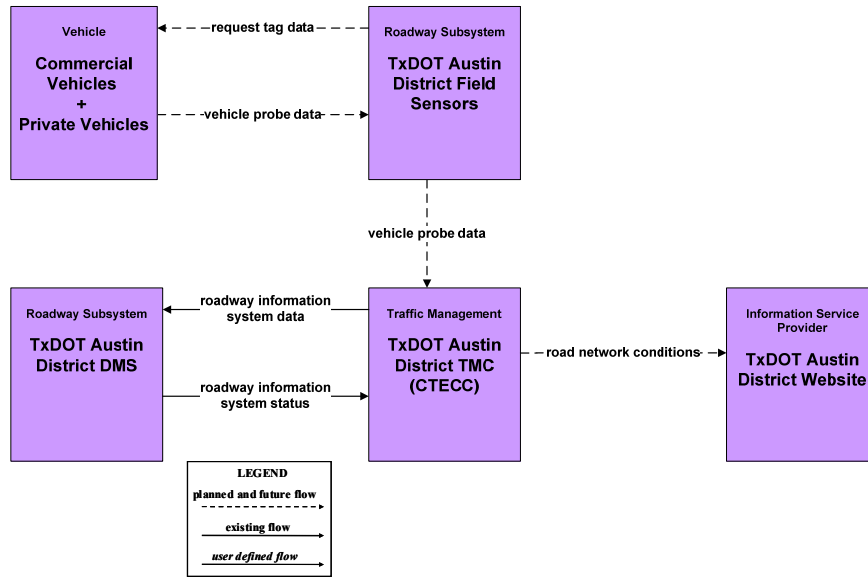
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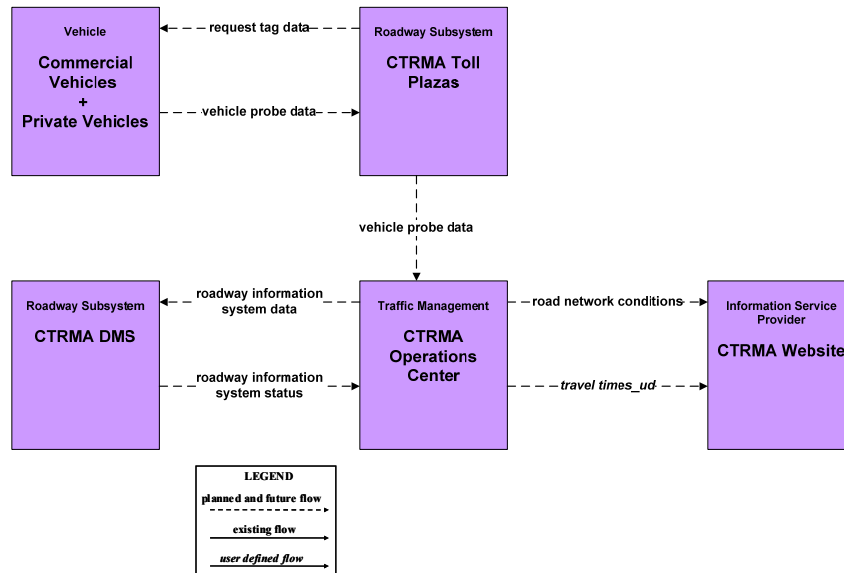
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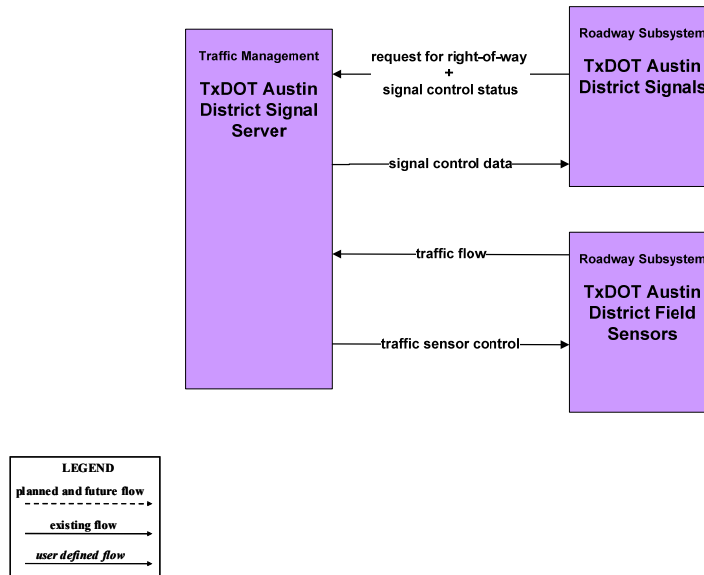
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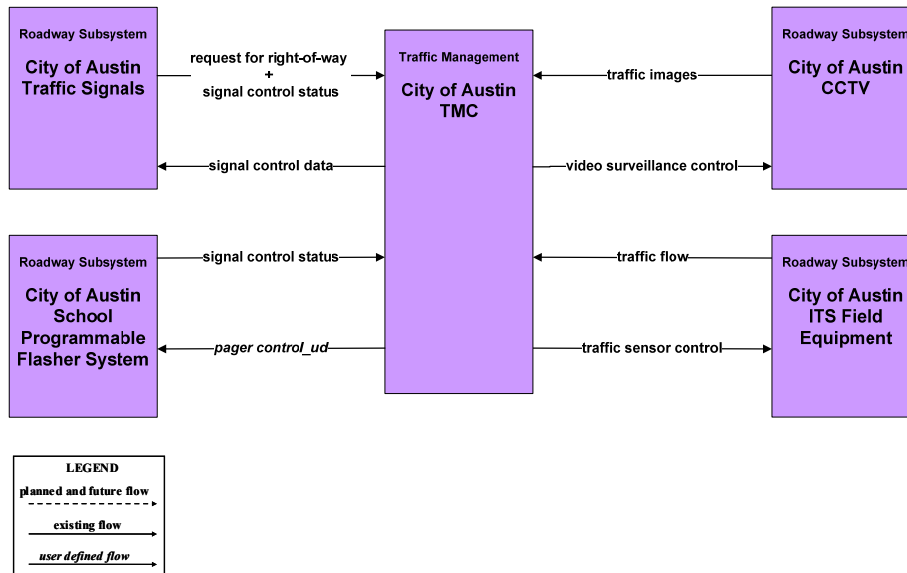
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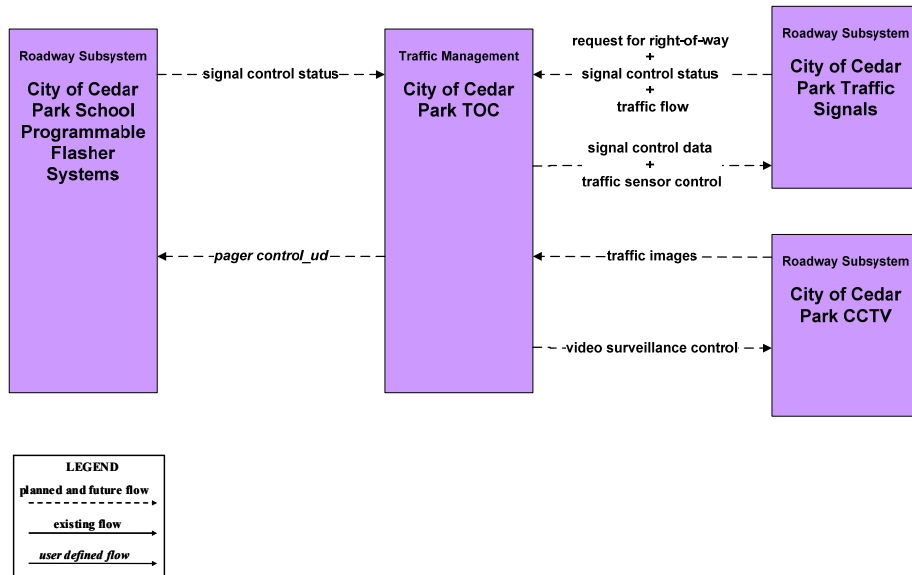
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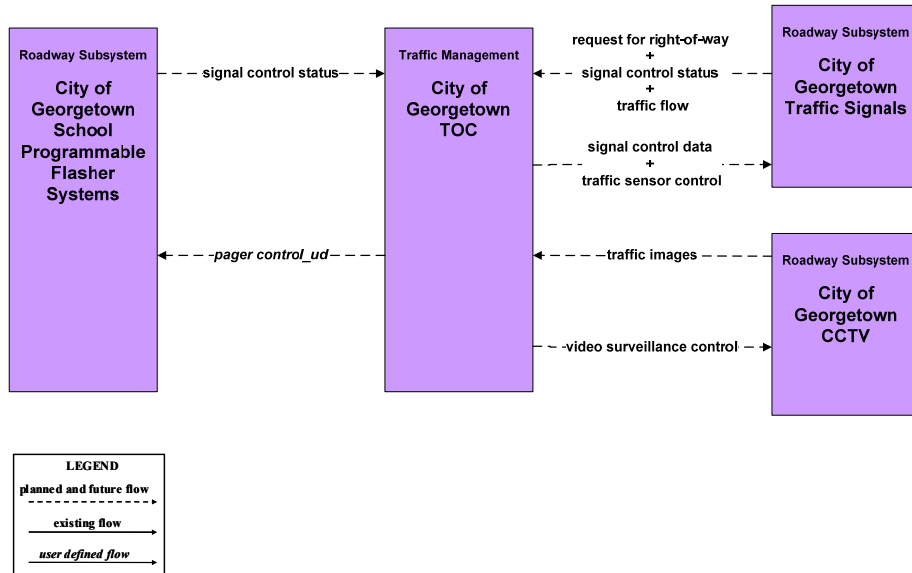
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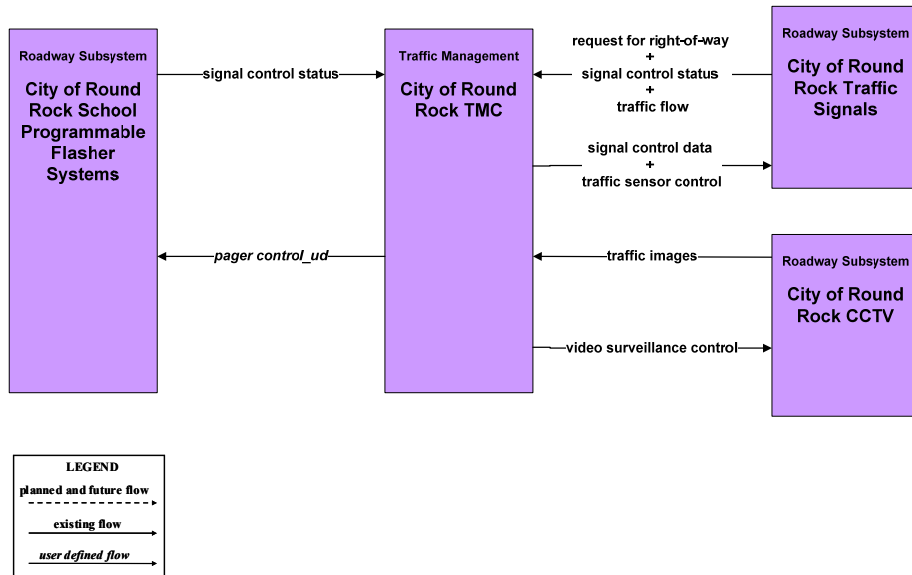


**Figure C14 – ATMS03 – Surface Street Control  
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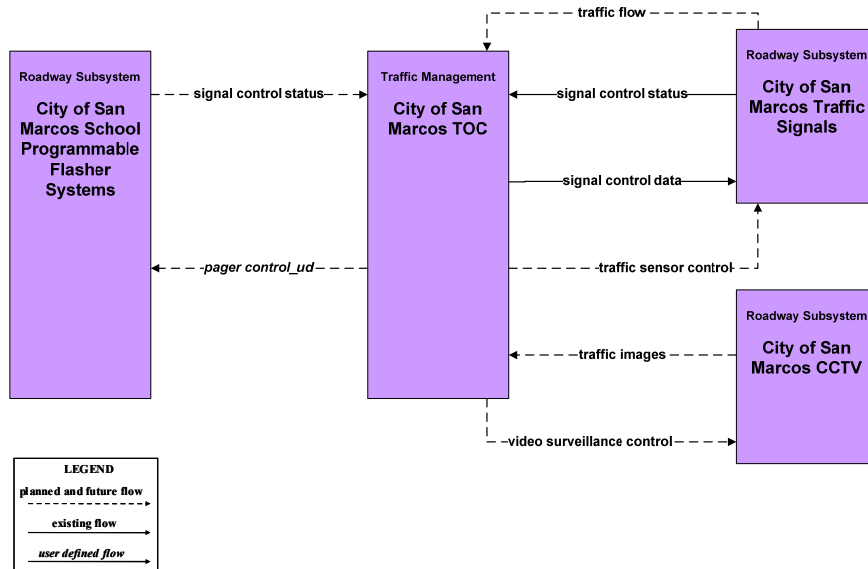




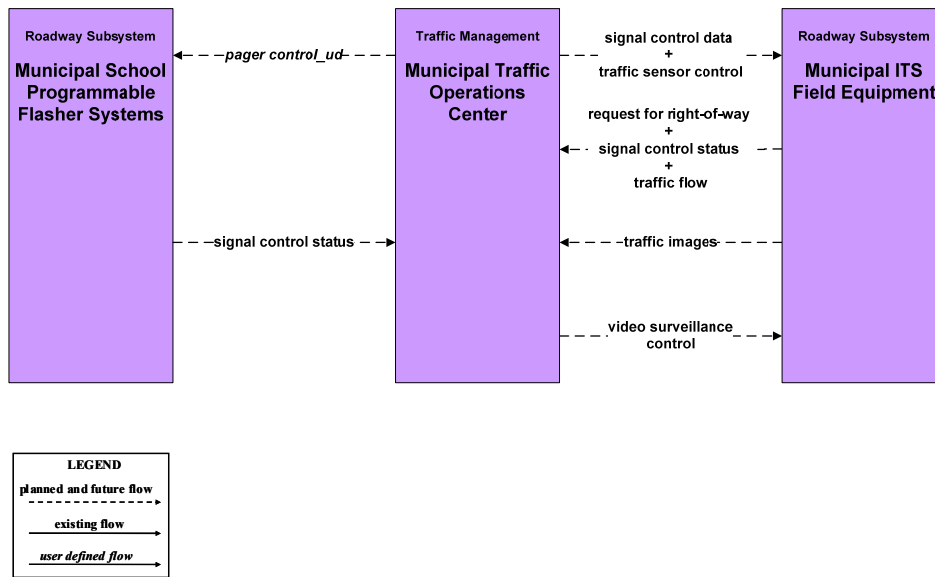
**Figure C15 – ATMS03 – Surface Street Control  
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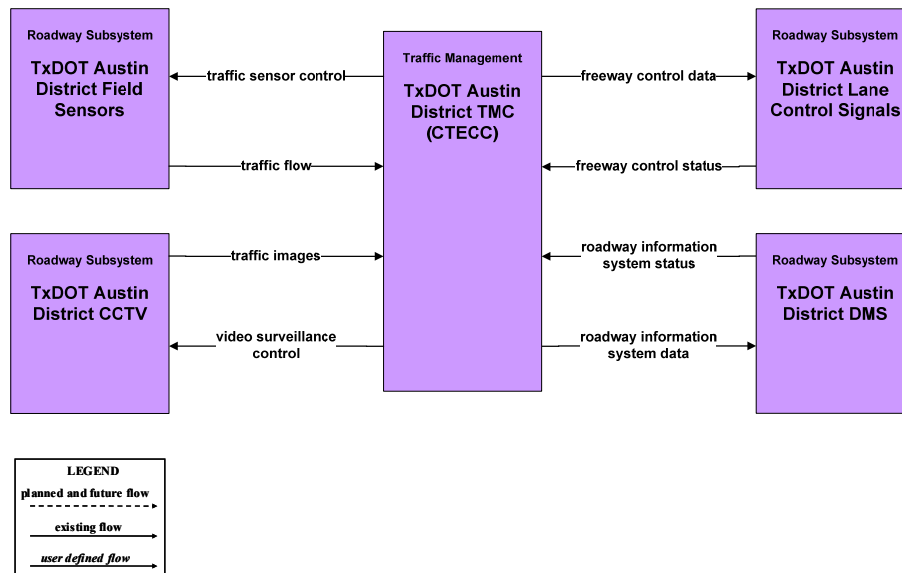
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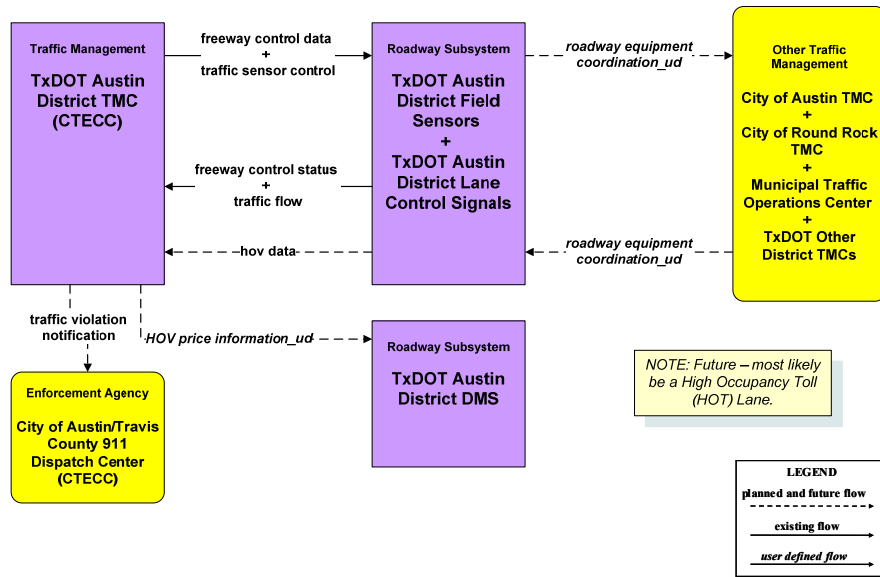
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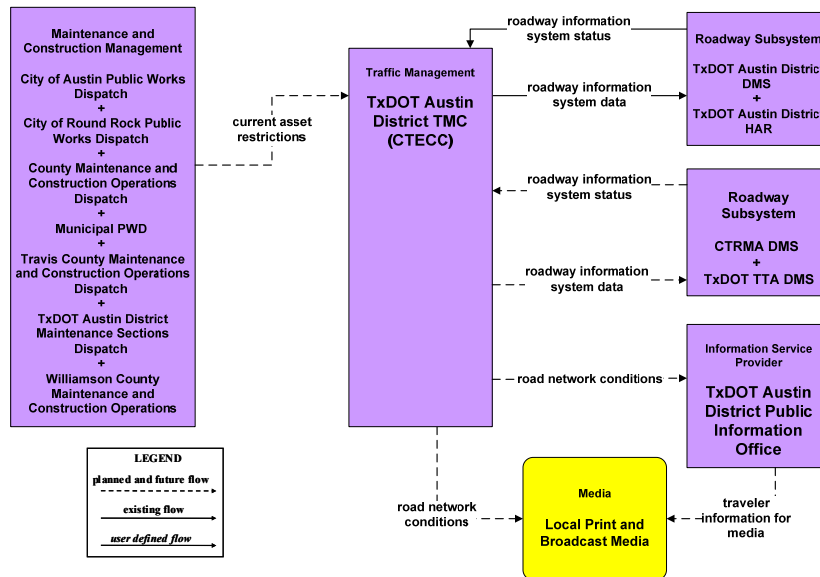
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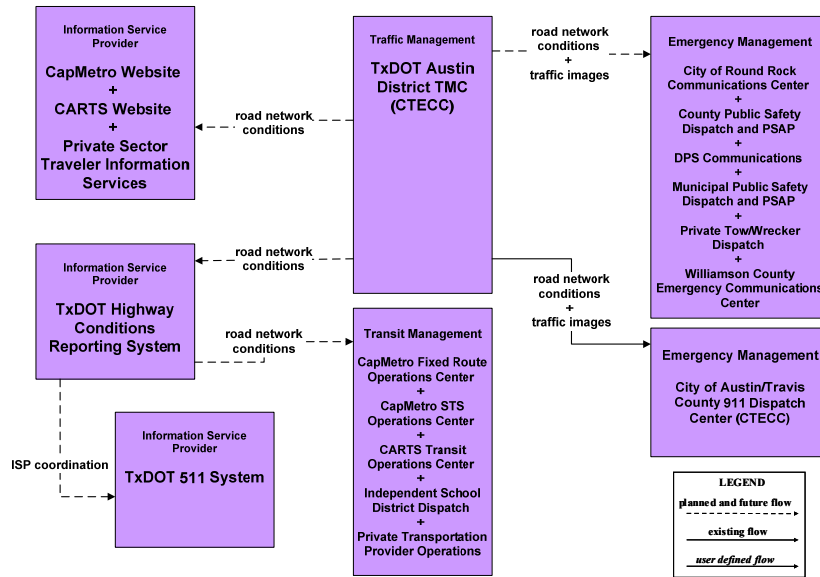
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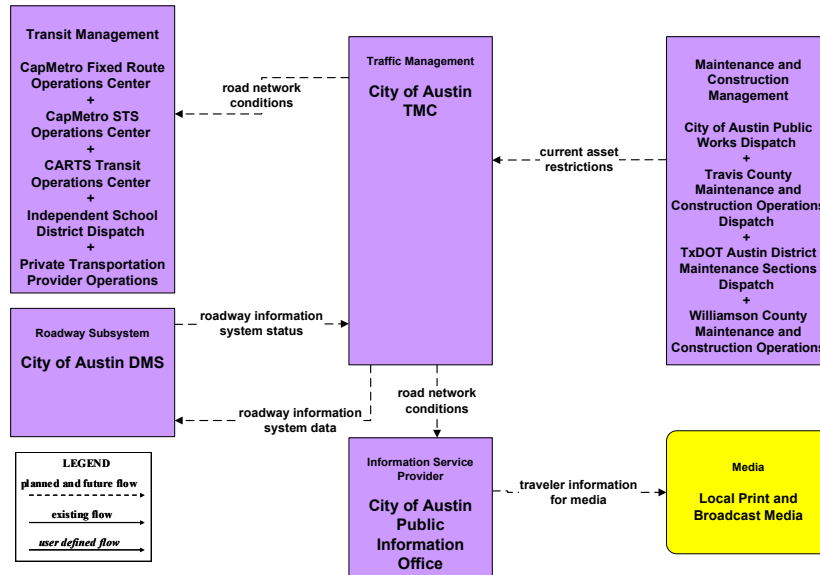
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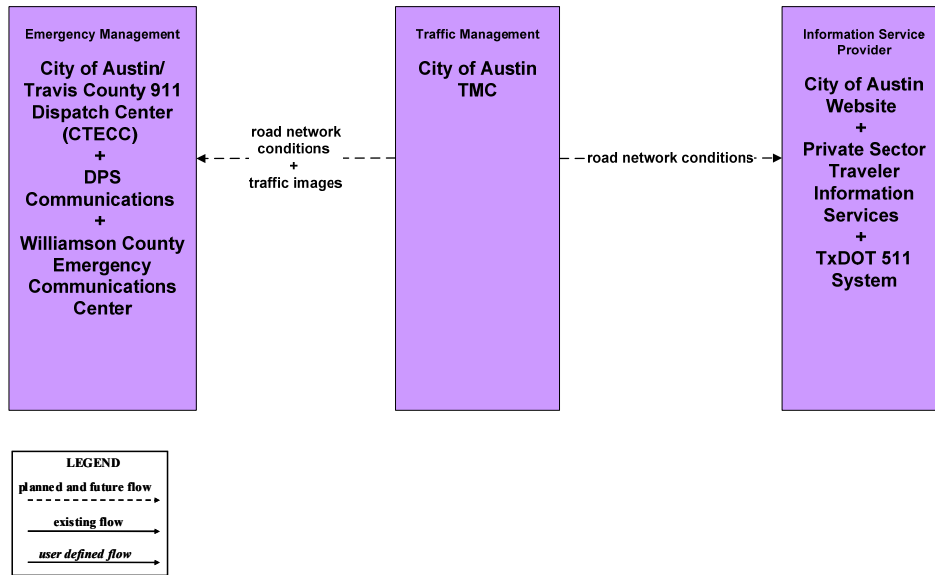
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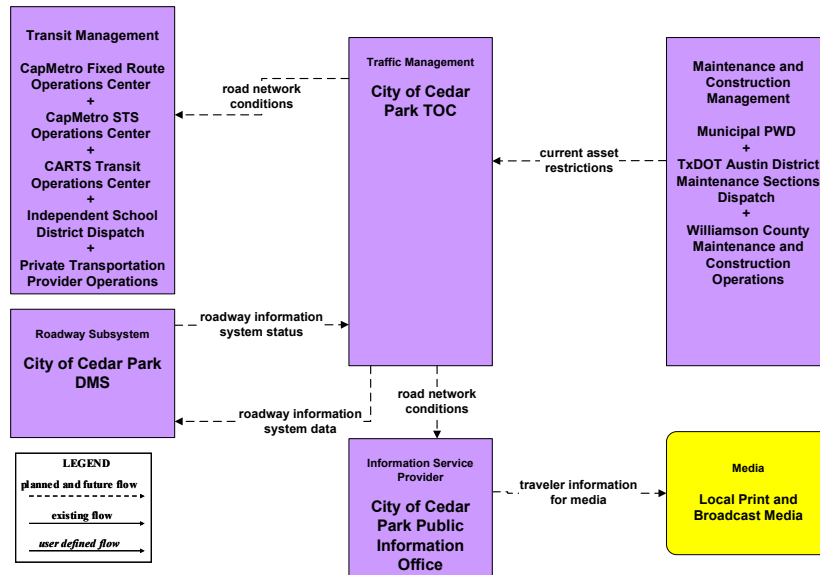
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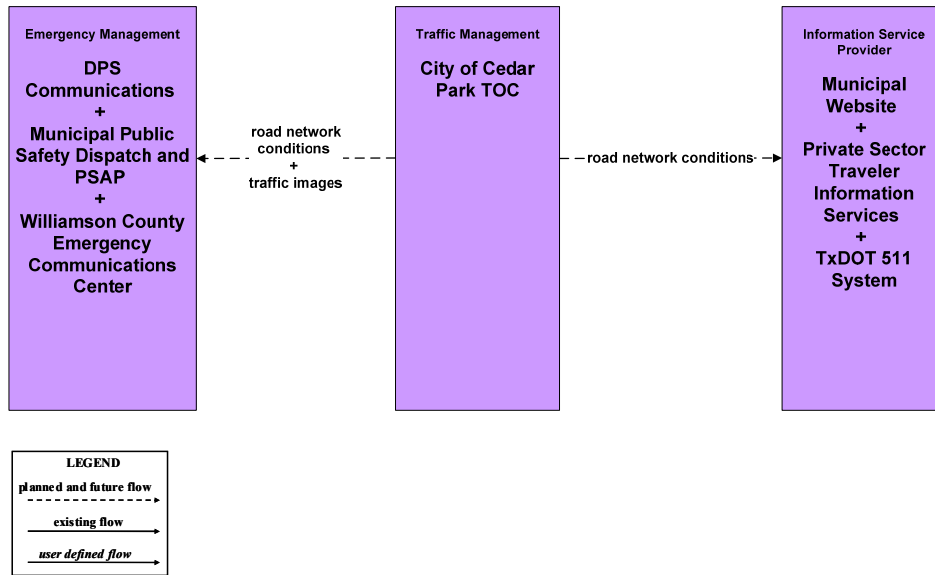
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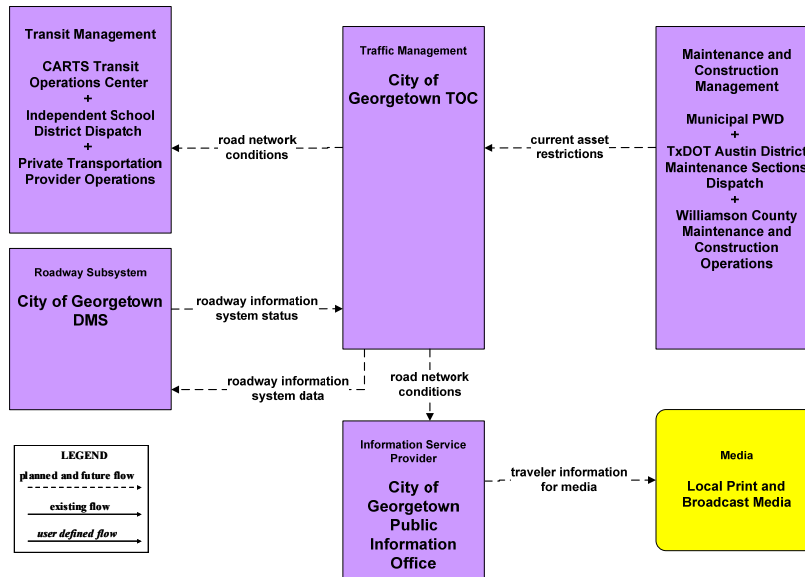
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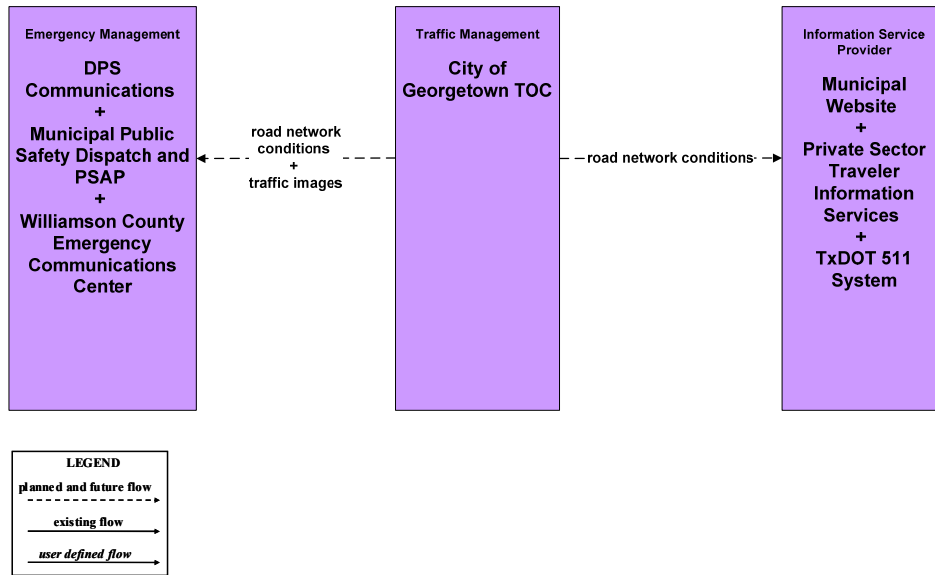
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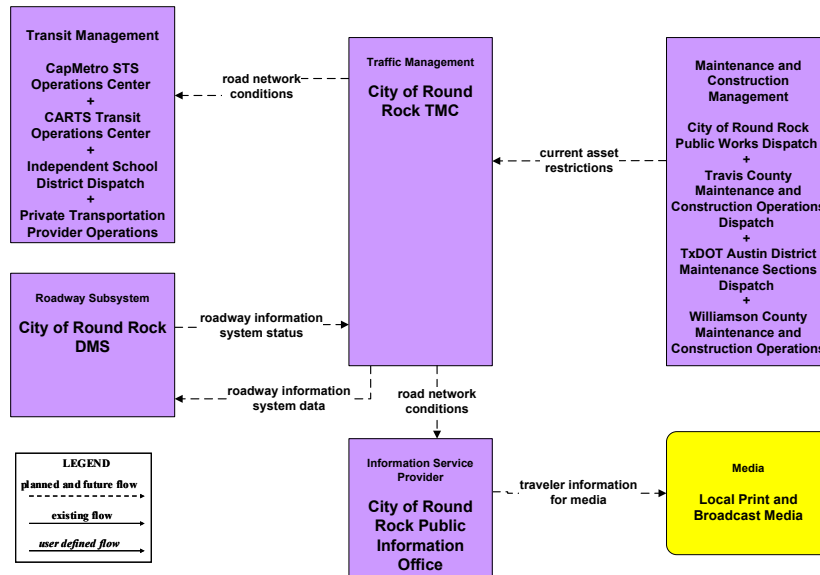
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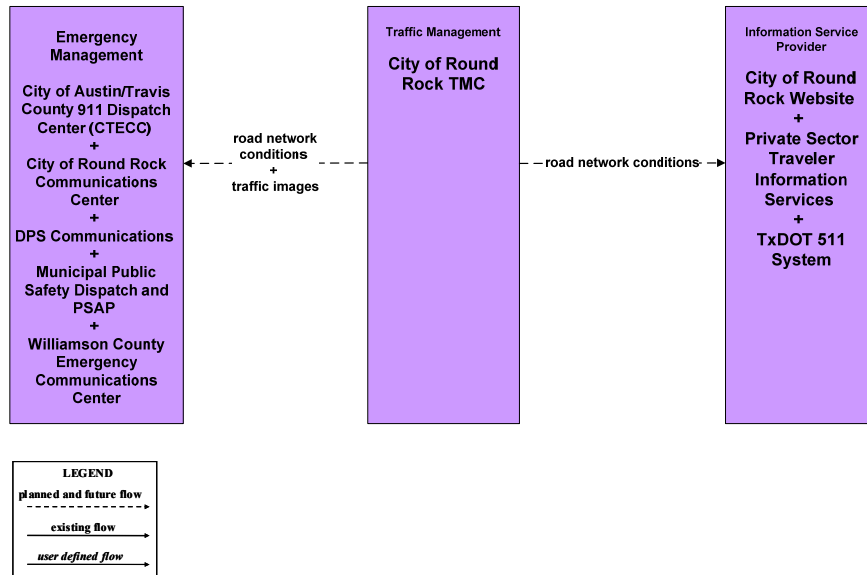
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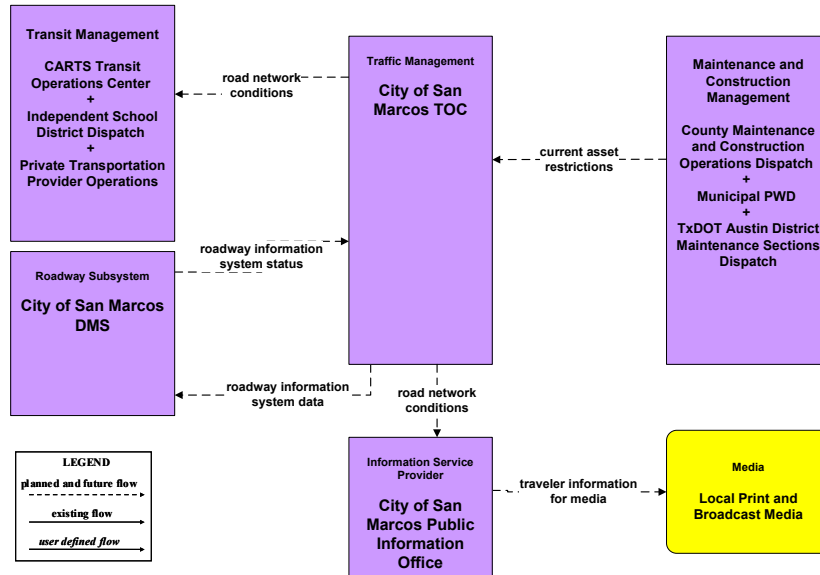
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**Figure C29 – ATMS06 – Traffic Information Dissemination  
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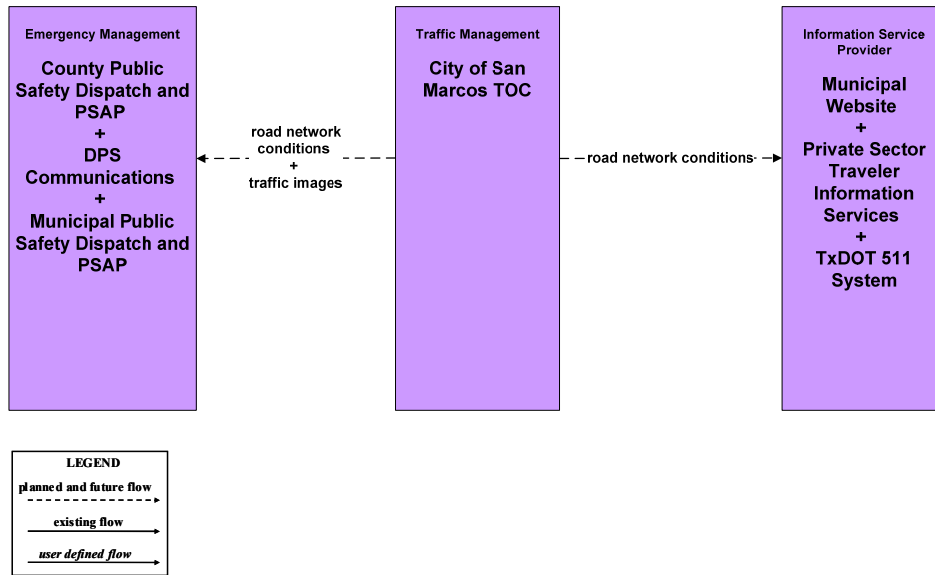


**Figure C30 – ATMS06 – Traffic Information Dissemination  
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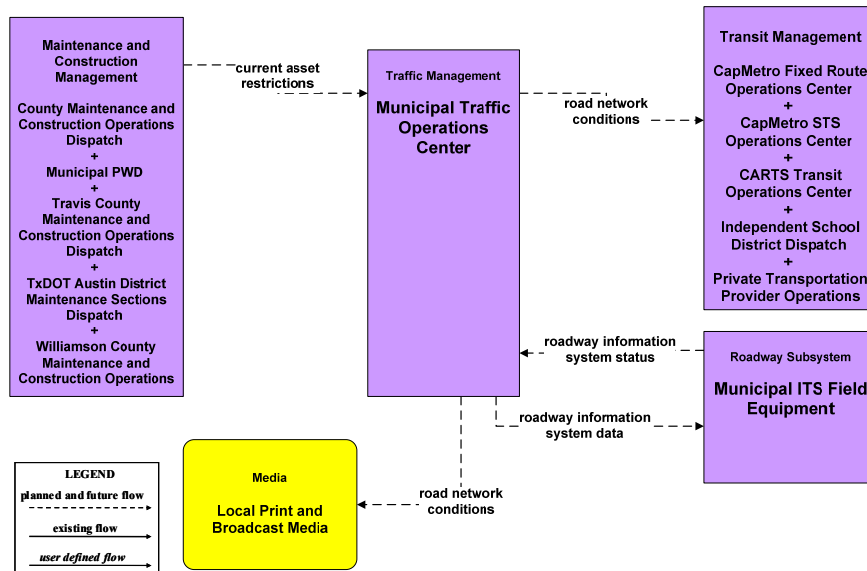




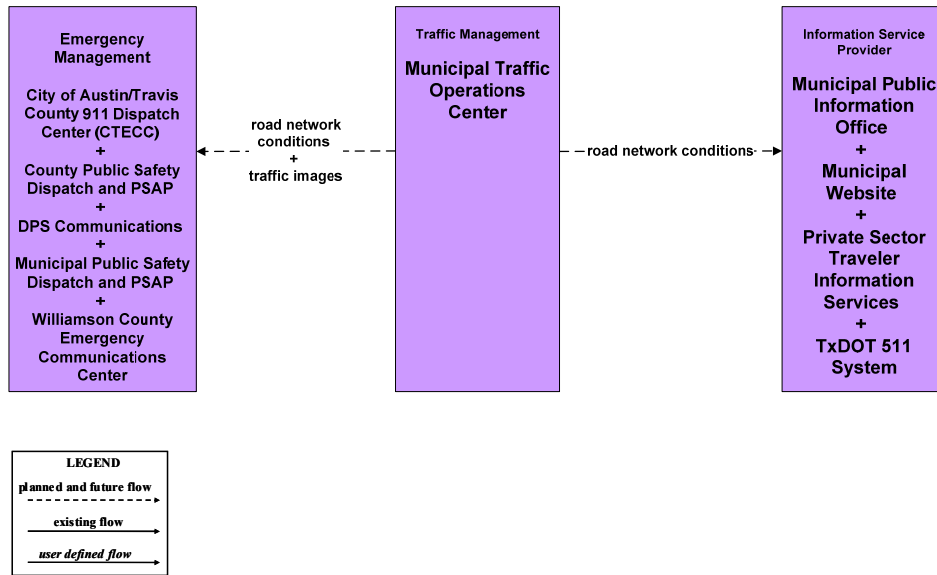
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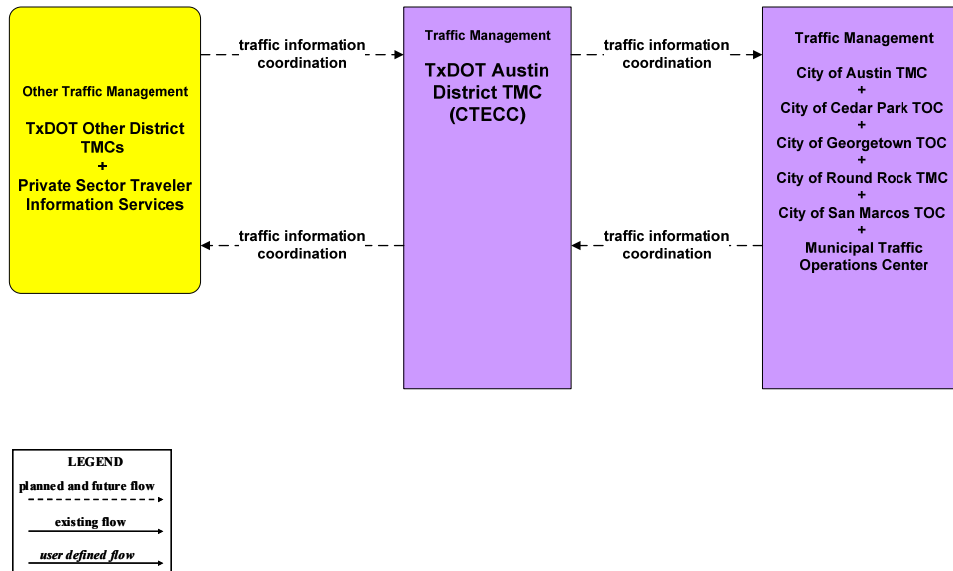
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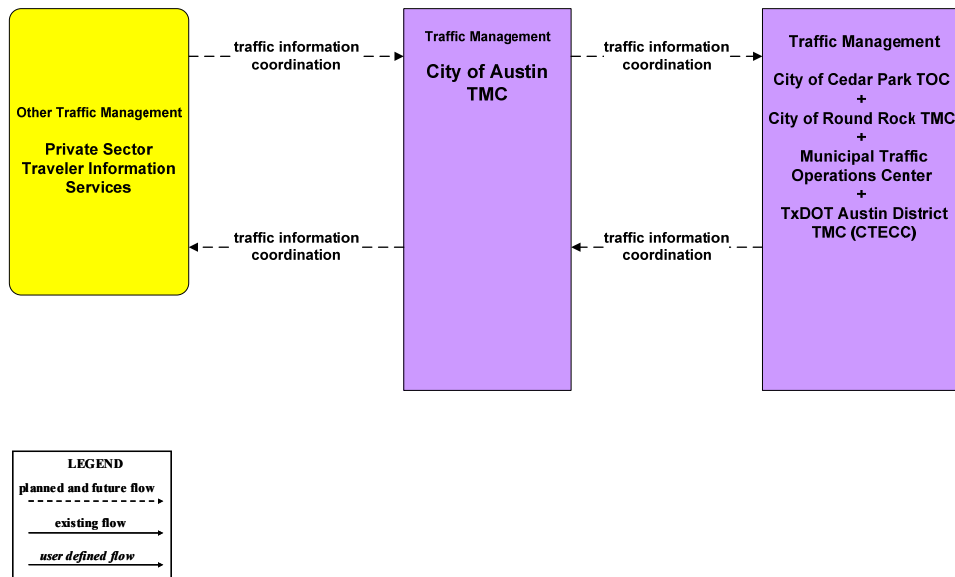
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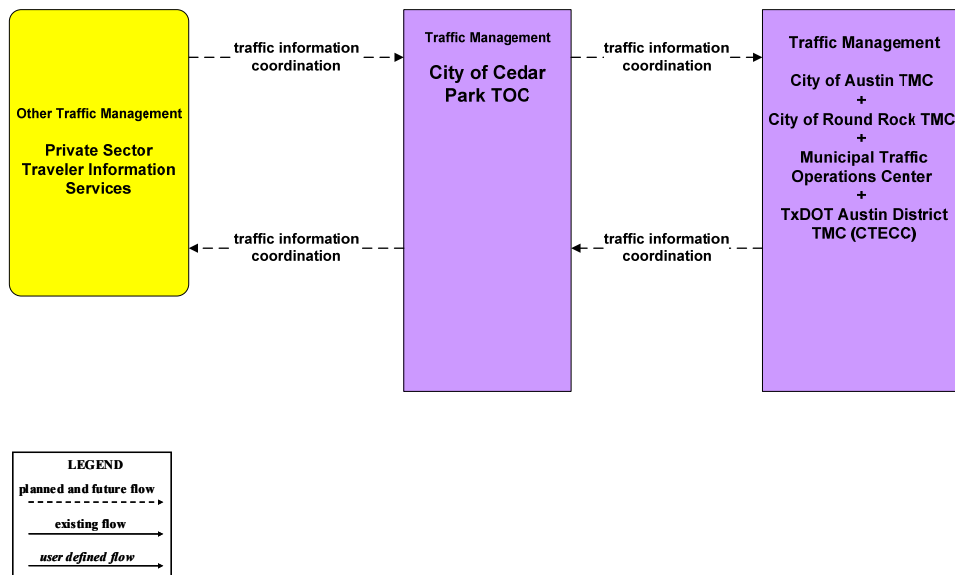
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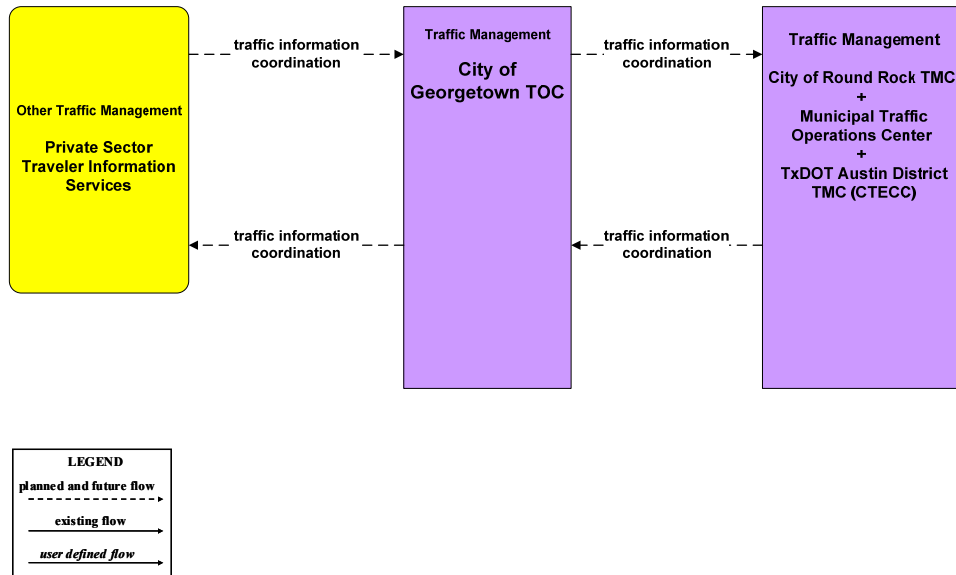
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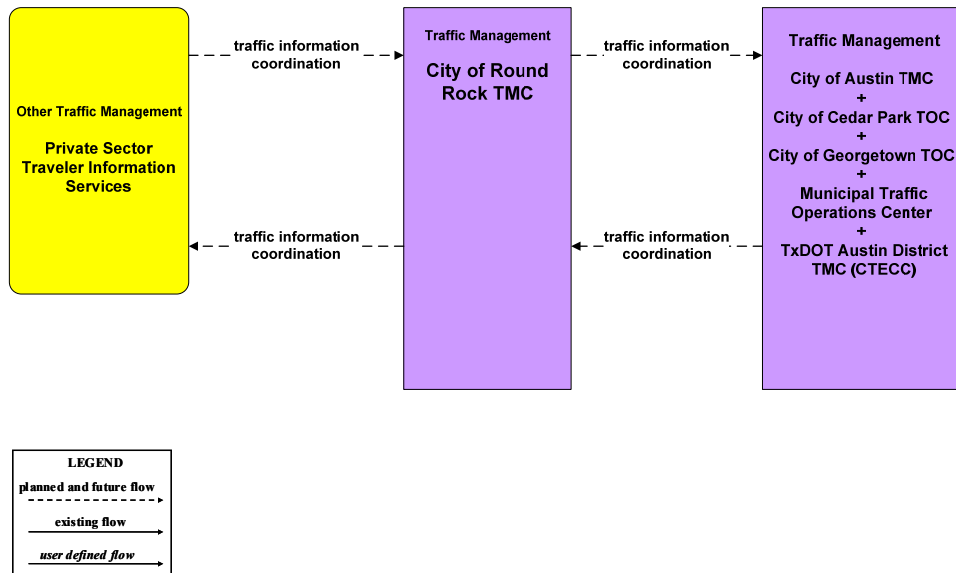
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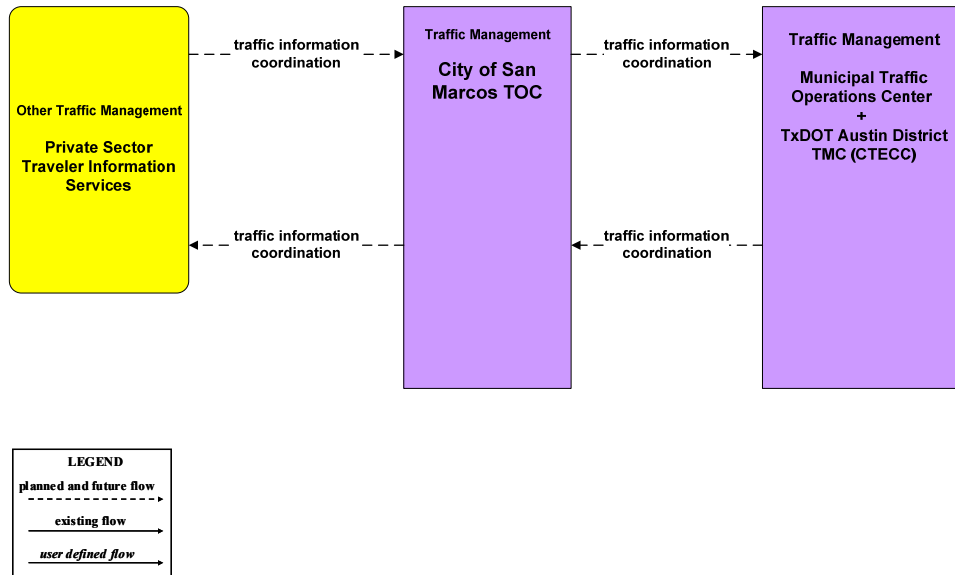
**Figure C37 – ATMS07 – Regional Traffic Control  
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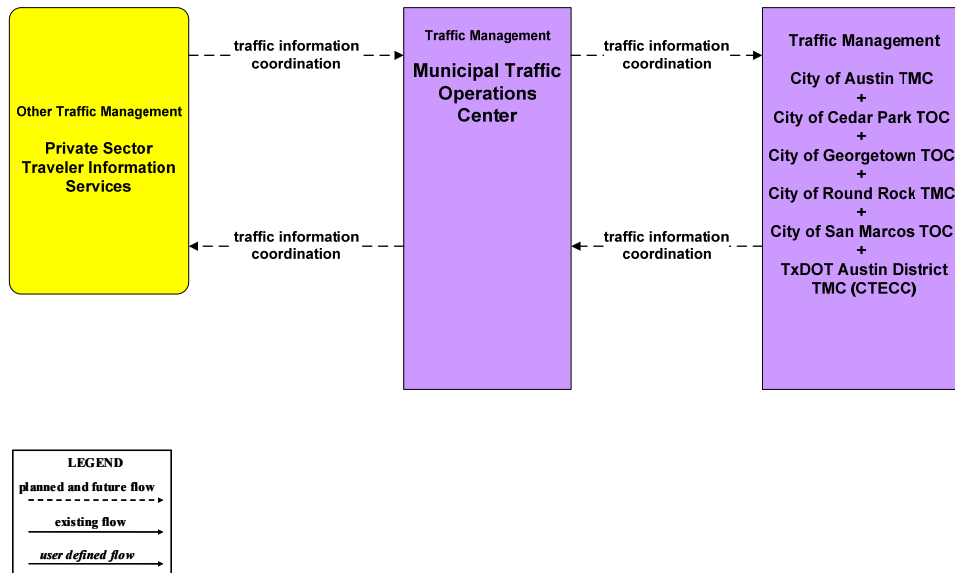
**Figure C38 – ATMS07 – Regional Traffic Control  
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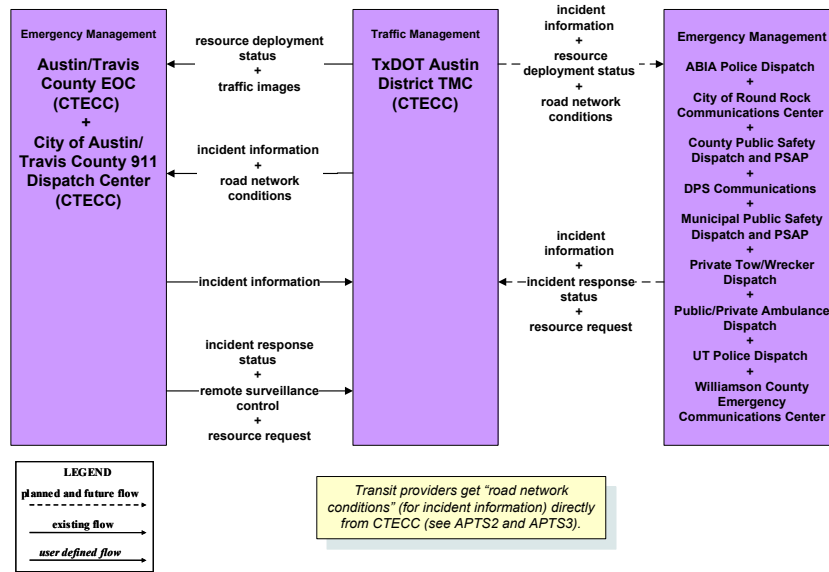
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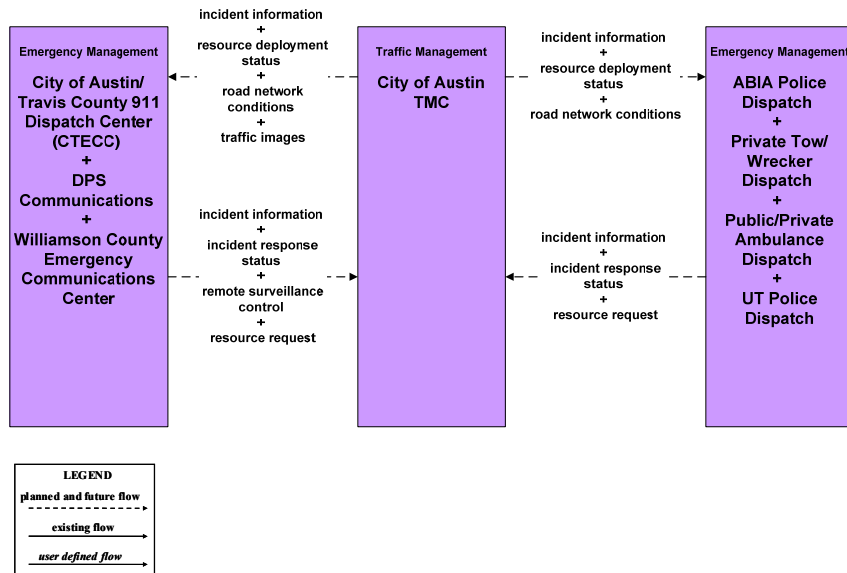
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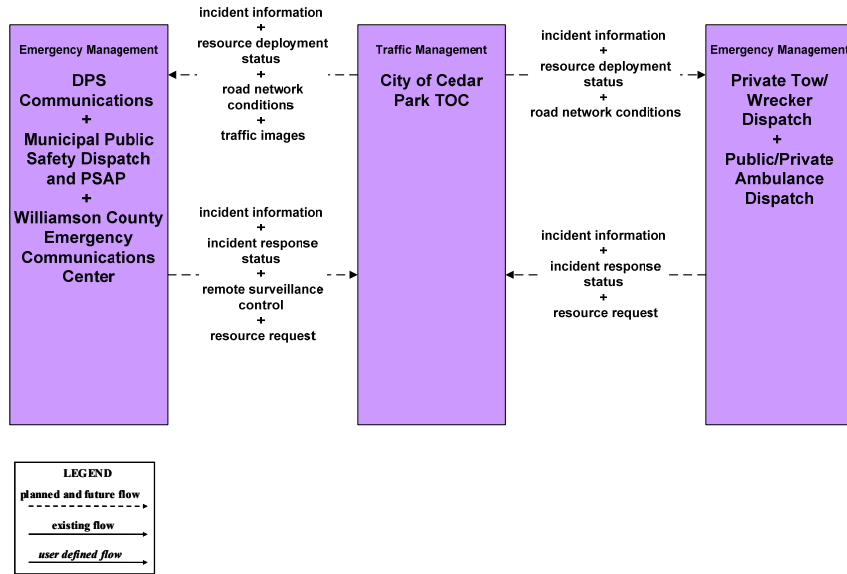
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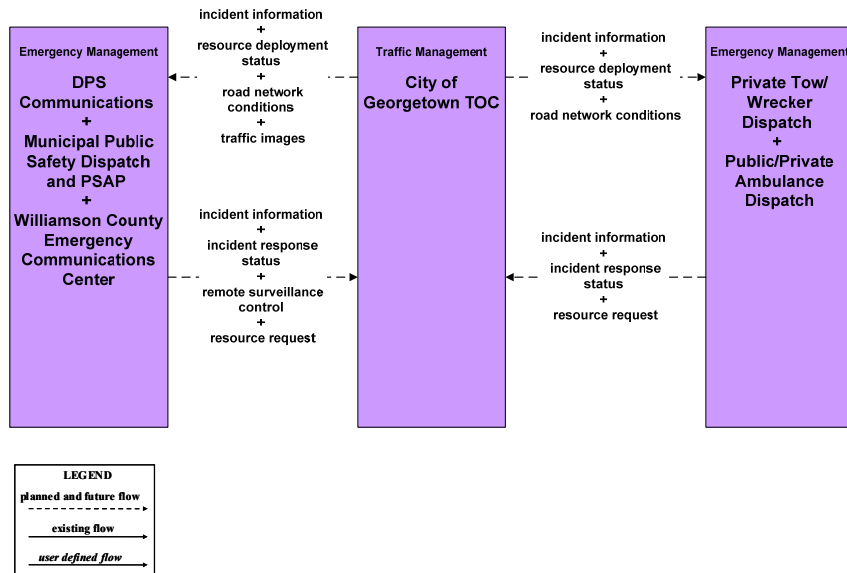
**Figure C42 – ATMS08 – Incident Management  
City of Austin Traffic Management Center – (TM to EM)**



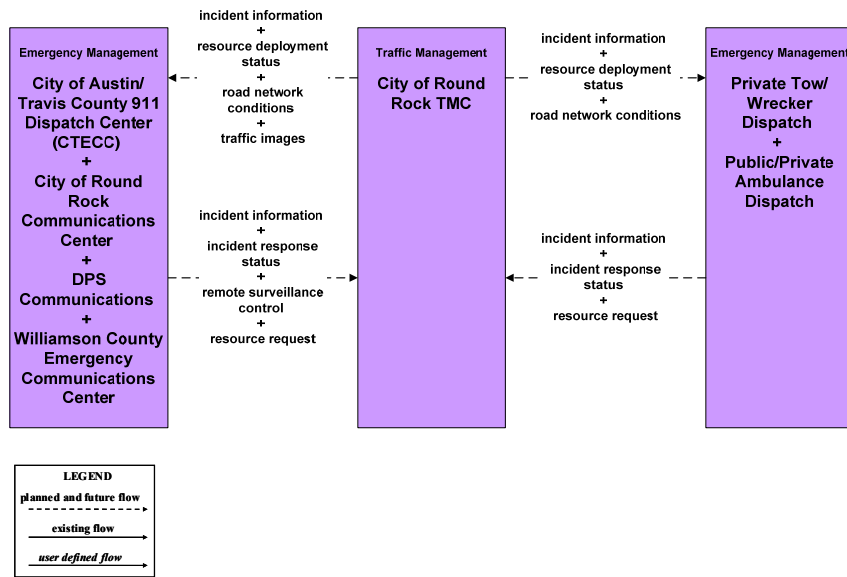
**Figure C43 – ATMS08 – Incident Management  
City of Cedar Park Traffic Operations Center – (TM to EM)**



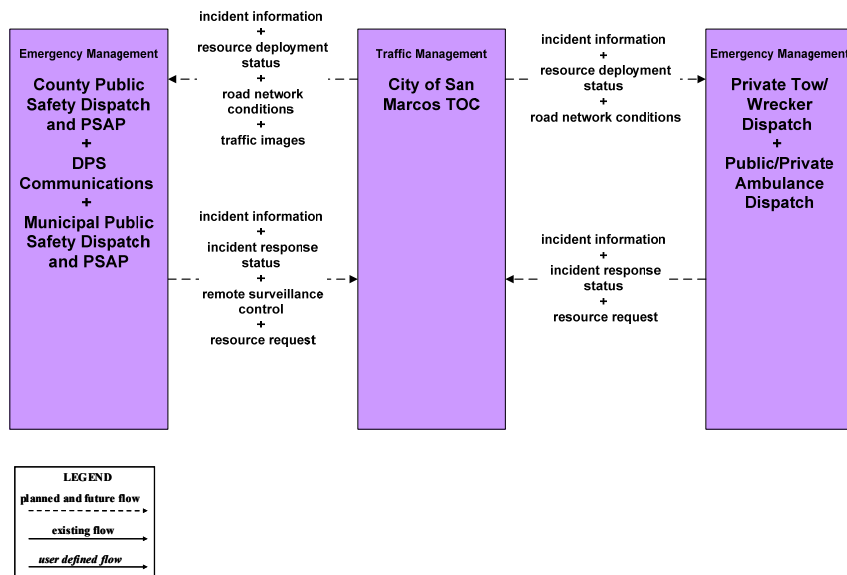
**Figure C44 – ATMS08 – Incident Management  
City of Georgetown Traffic Operations Center – (TM to EM)**



**Figure C45 – ATMS08 – Incident Management  
City of Round Rock Traffic Management Center – (TM to EM)**

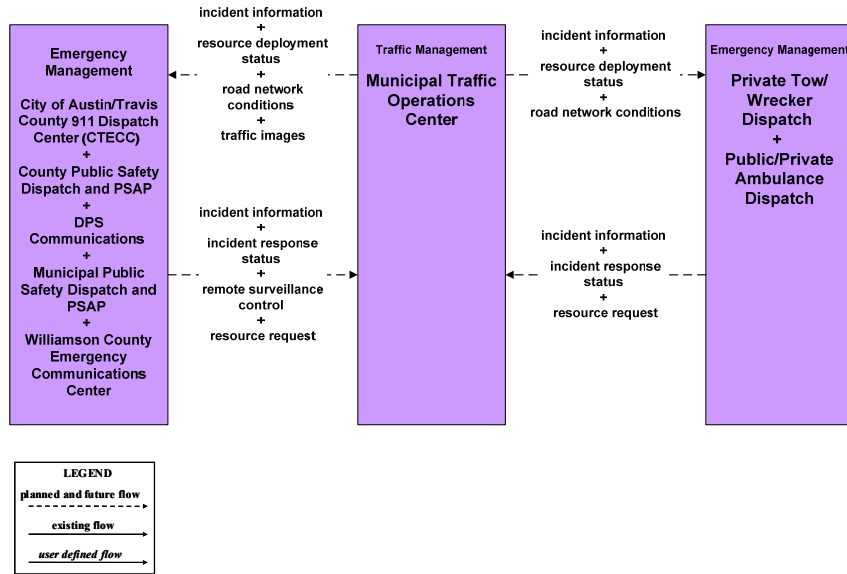


**Figure C46 – ATMS08 – Incident Management  
City of San Marcos Traffic Management Center – (TM to EM)**

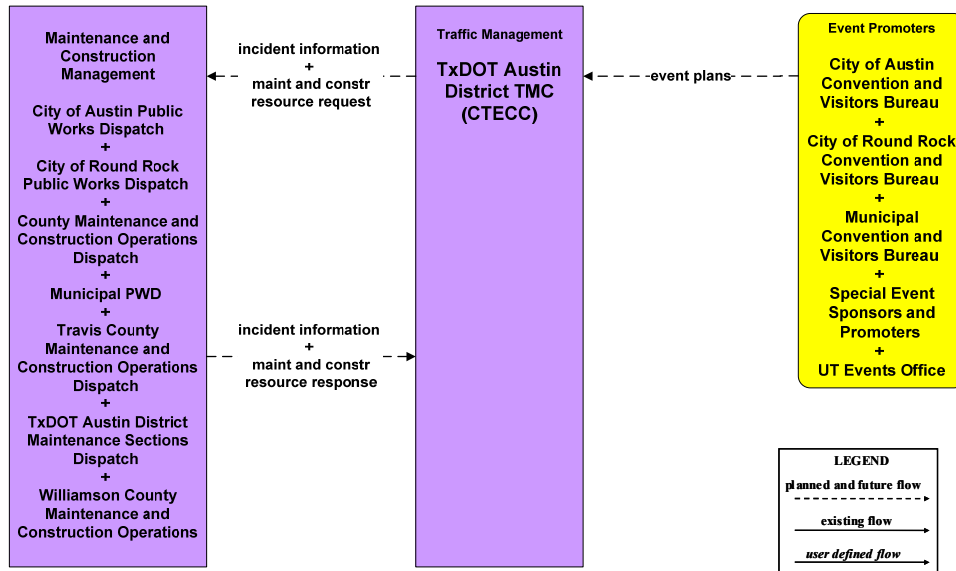




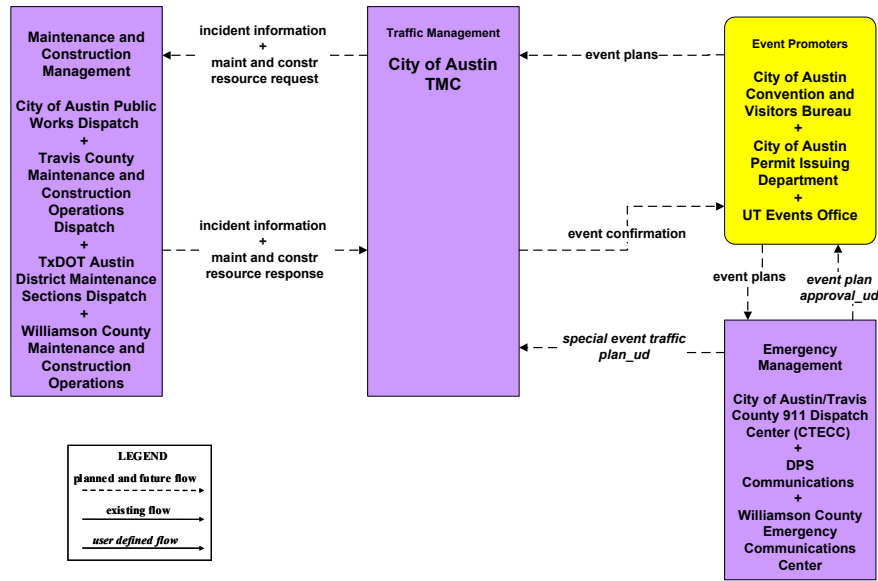
**Figure C47 – ATMS08 – Incident Management  
Municipal Traffic Operations Center – (TM to EM)**



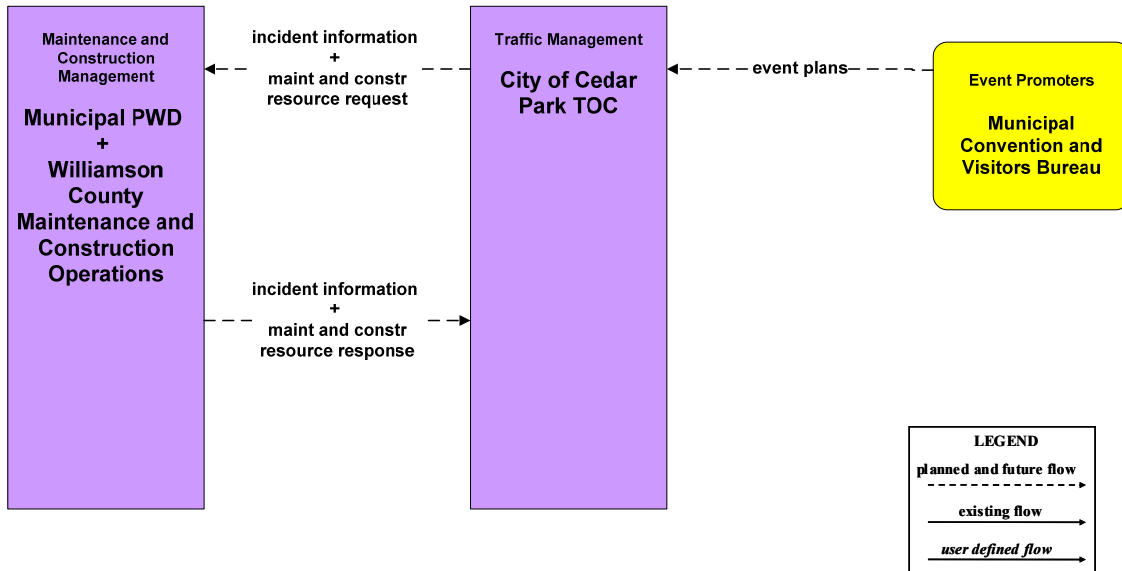
**Figure C48 – ATMS08 – Incident Management  
TxDOT Austin Traffic Management Center – (TM to MCM)**



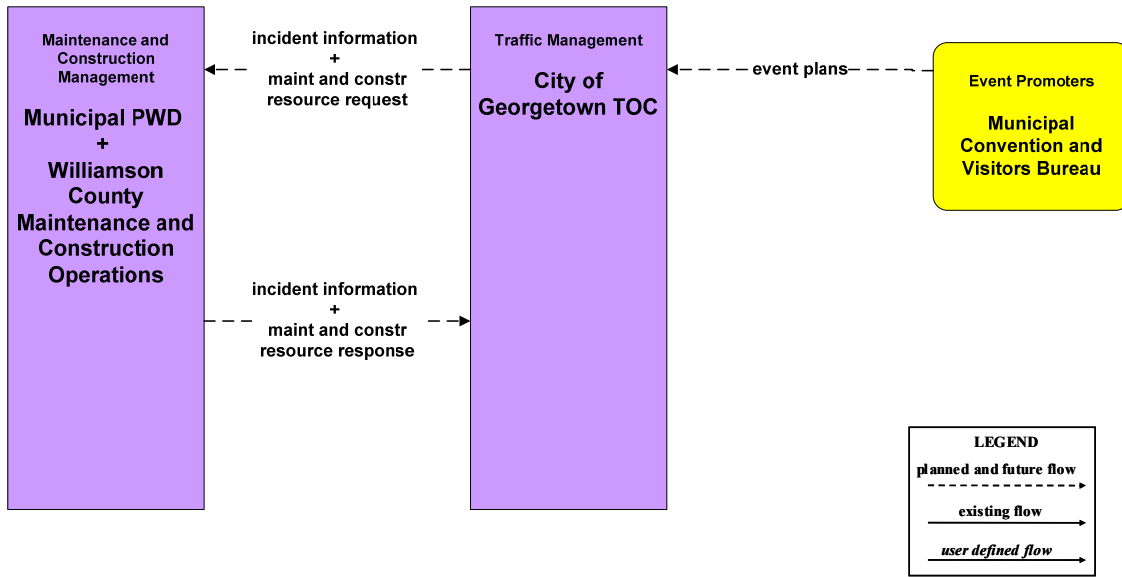
**Figure C49 – ATMS08 – Incident Management  
City of Austin Traffic Management Center – (TM to MCM)**



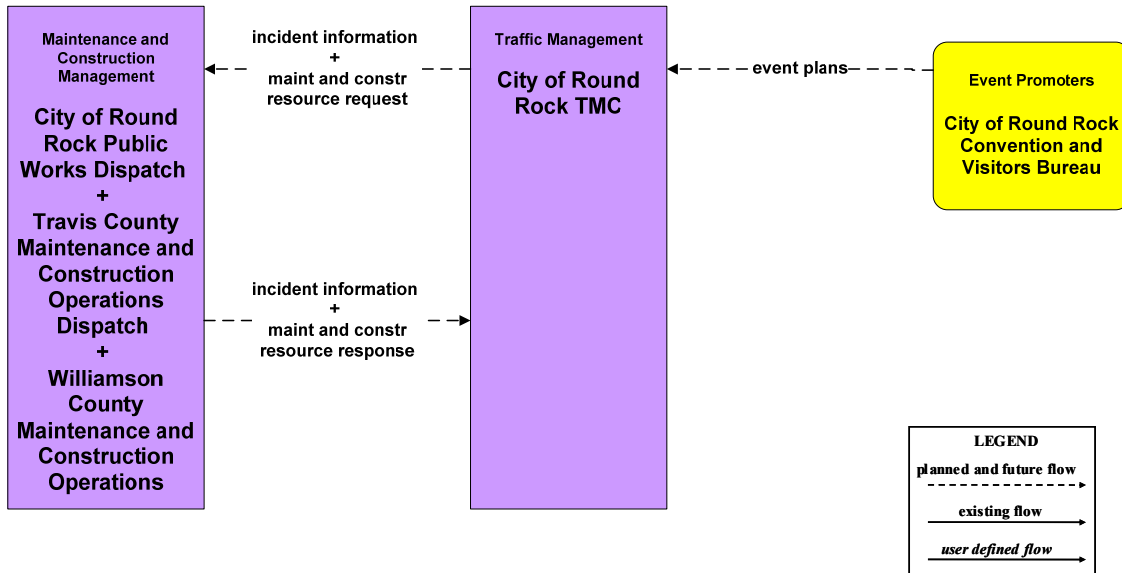
**Figure C50 – ATMS08 – Incident Management  
City of Cedar Park Traffic Operations Center – (TM to MCM)**



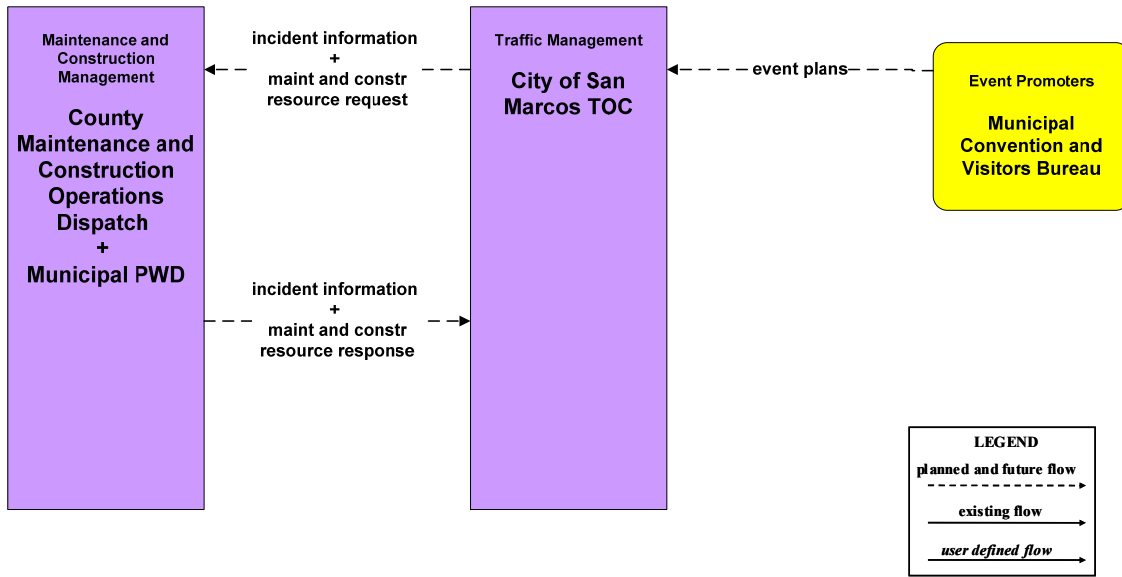
**Figure C51 – ATMS08 – Incident Management  
City of Georgetown Traffic Operations Center – (TM to MCM)**



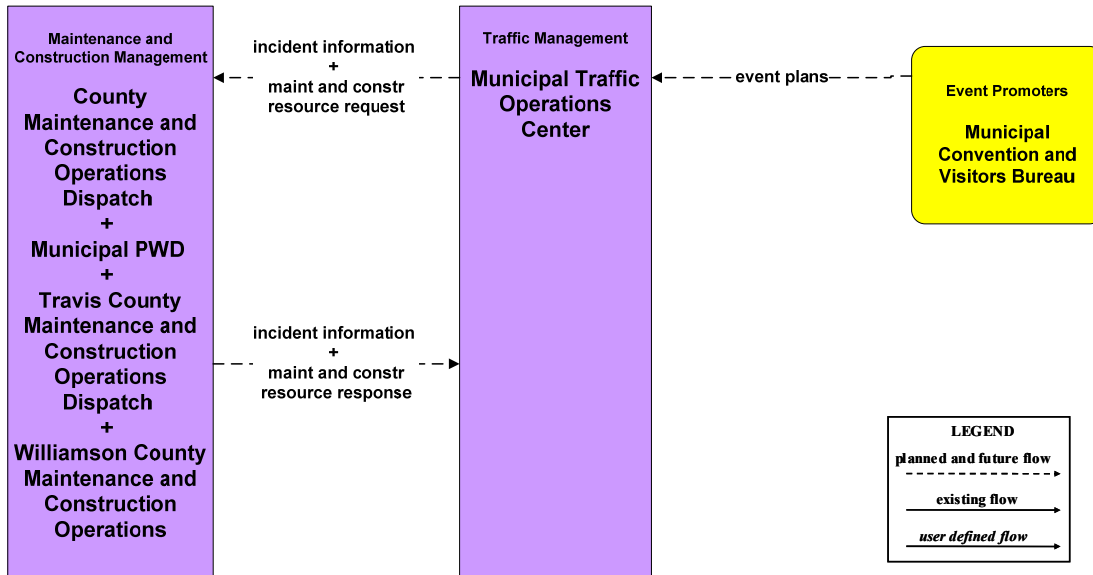
**Figure C52 – ATMS08 – Incident Management  
City of Round Rock Traffic Management Center – (TM to MCM)**



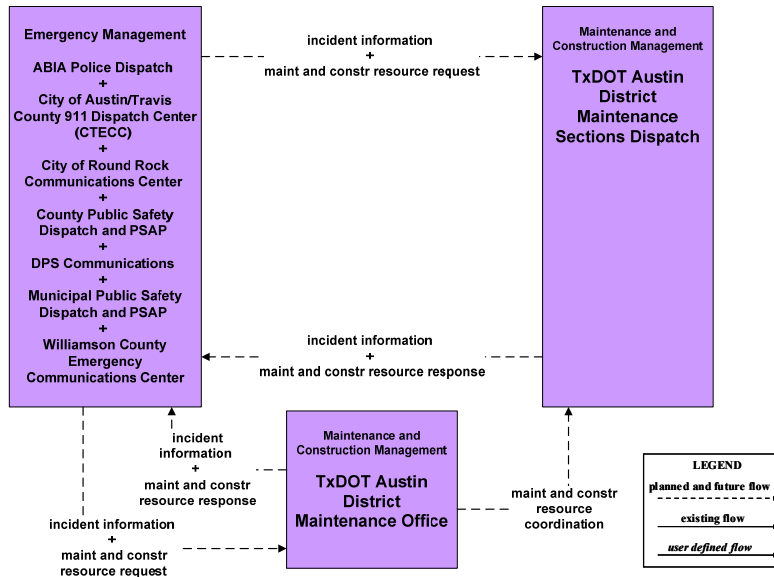
**Figure C53 – ATMS08 – Incident Management  
City of San Marcos Traffic Operations Center – (TM to MCM)**



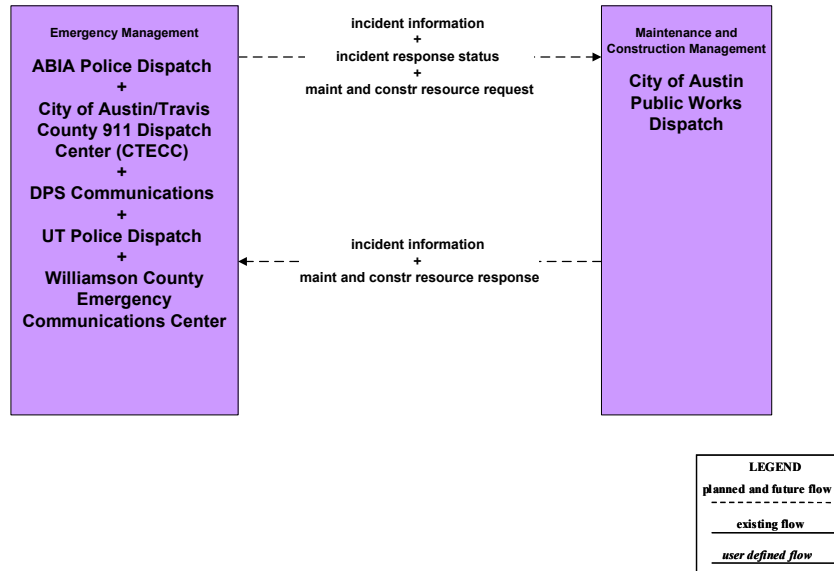
**Figure C54 – ATMS08 – Incident Management  
Municipal Traffic Operations Center – (TM to MCM)**



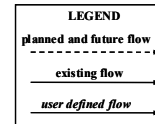
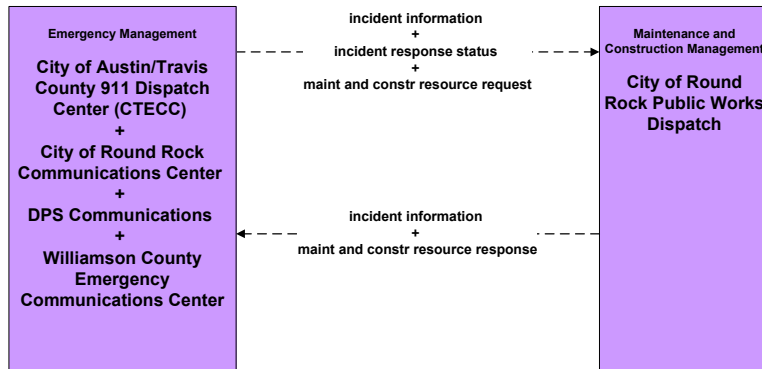
**Figure C55 – ATMS08 – Incident Management  
TxDOT Austin District Maintenance Sections – (MCM to EM)**



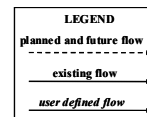
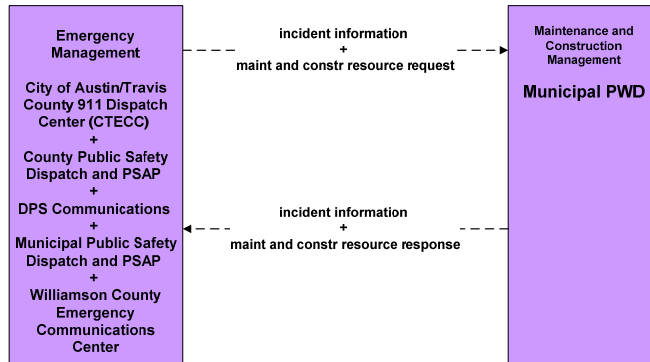
**Figure C56 – ATMS08 – Incident Management  
City of Austin Maintenance System – (MCM to EM)**



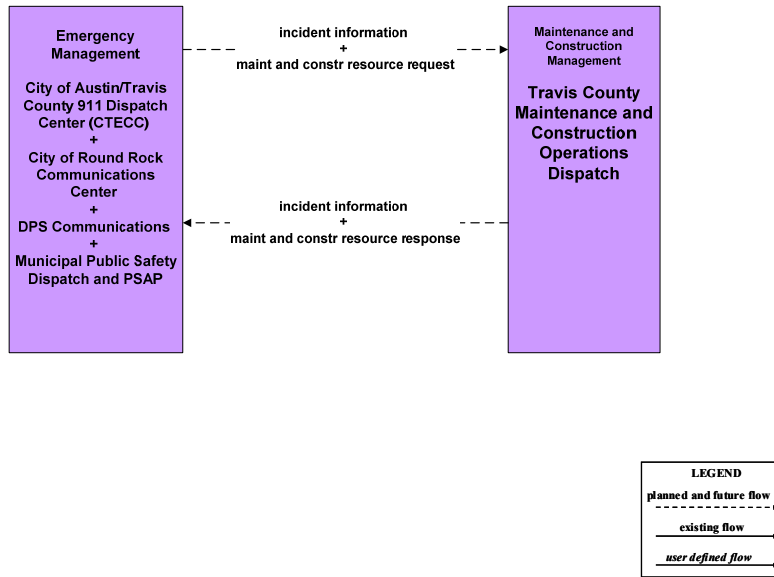
**Figure C57 – ATMS08 – Incident Management  
City of Round Rock Maintenance System – (MCM to EM)**



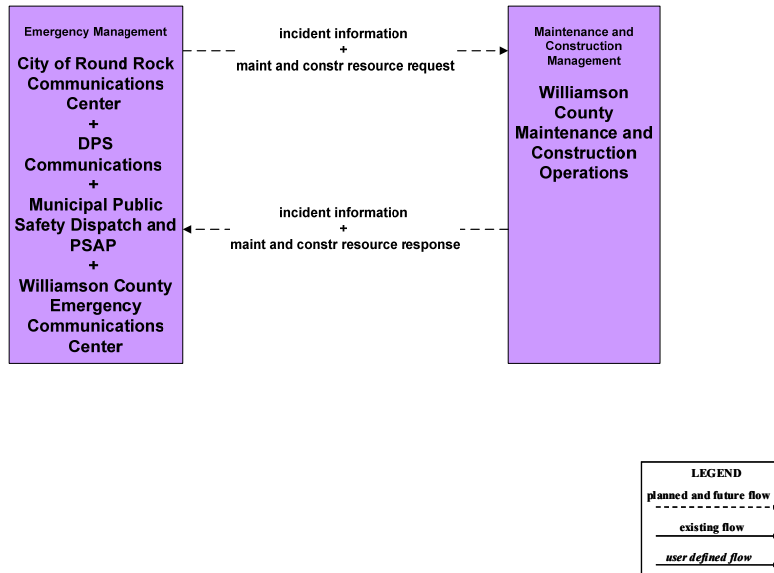
**Figure C58 – ATMS08 – Incident Management  
Municipal Public Works Dispatch – (MCM to EM)**



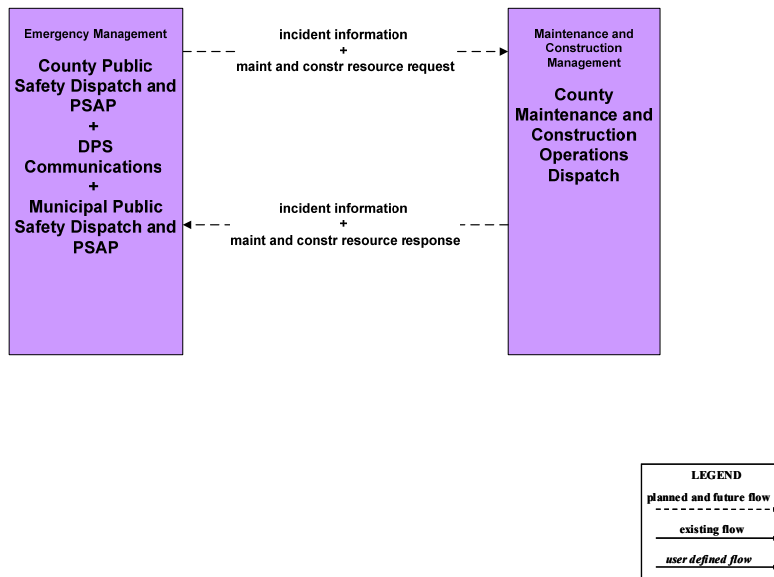
**Figure C59 – ATMS08 – Incident Management  
Travis County Maintenance and Construction Operations – (MCM to EM)**



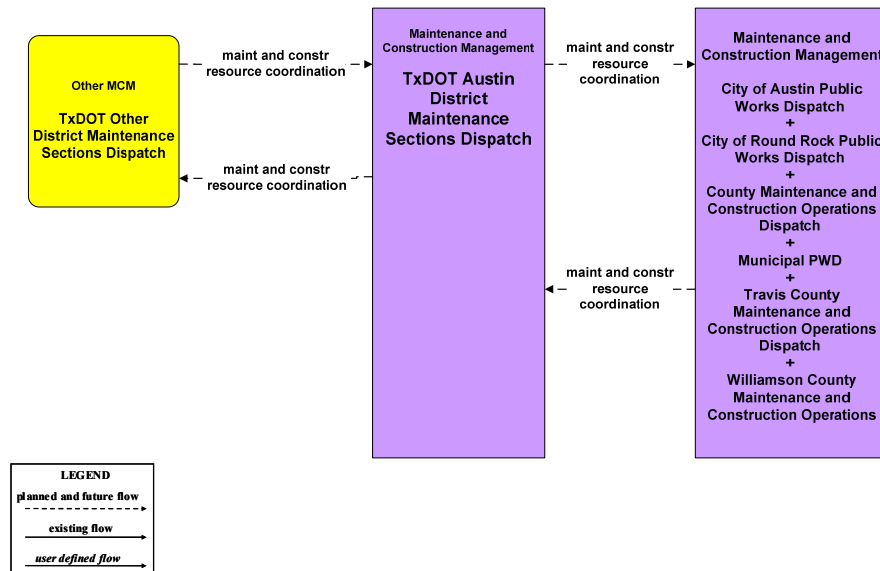
**Figure C60 – ATMS08 – Incident Management  
Williamson County Maintenance and Construction Operations – (MCM to EM)**



**Figure C61 – ATMS08 – Incident Management  
County Maintenance and Construction Operations – (MCM to EM)**

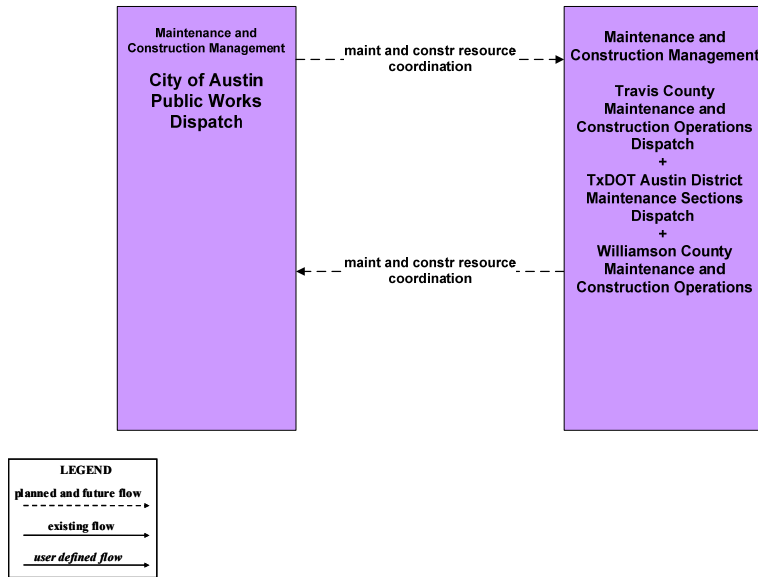


**Figure C62 – ATMS08 – Incident Management  
TxDOT Austin District Maintenance Sections – (MCM to Other MCM)**

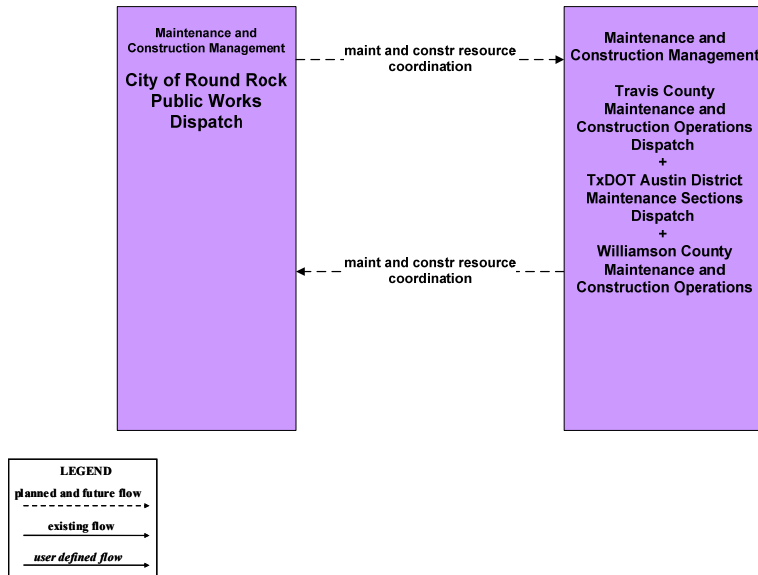




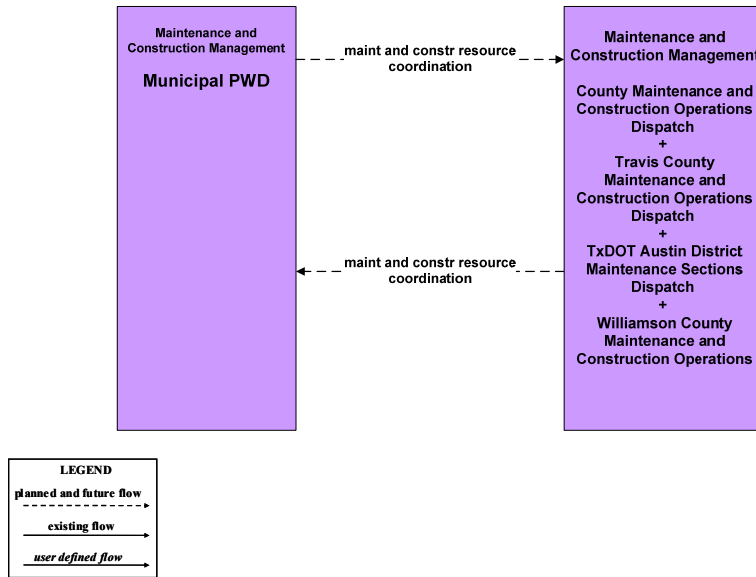
**Figure C63 – ATMS08 – Incident Management  
City of Austin Maintenance System – (MCM to Other MCM)**



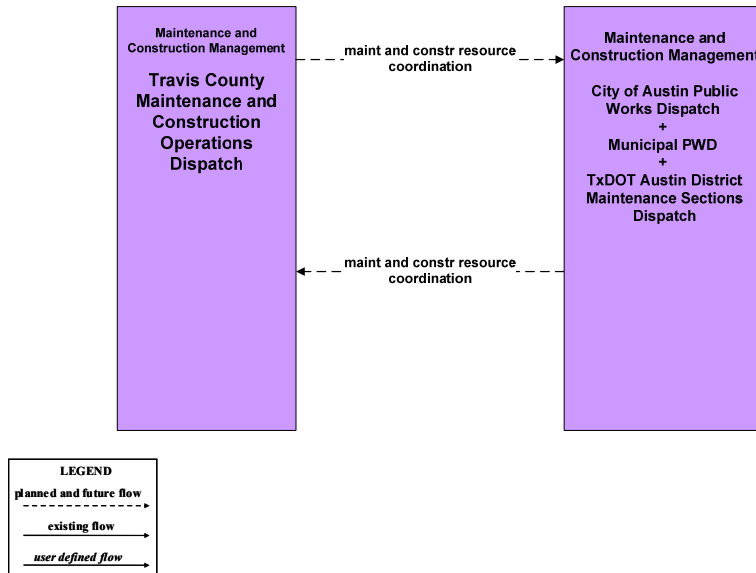
**Figure C64 – ATMS08 – Incident Management  
City of Round Rock Maintenance System – (MCM to Other MCM)**



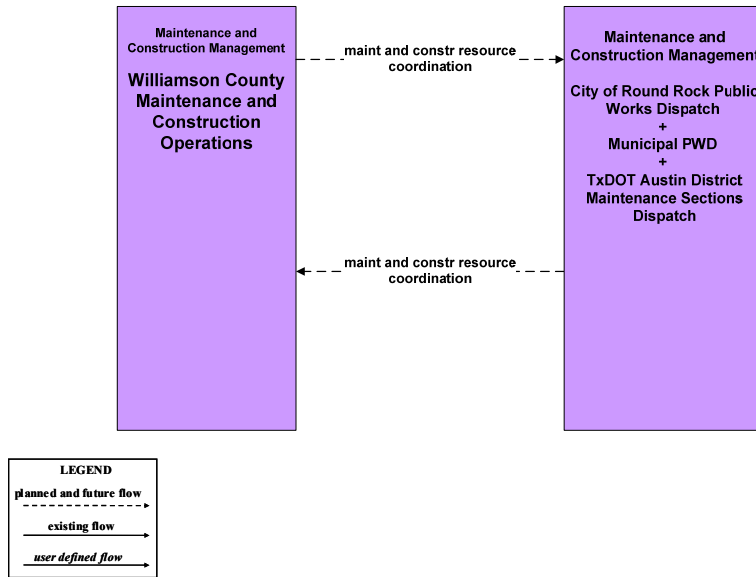
**Figure C65 – ATMS08 – Incident Management  
Municipal Public Works Dispatch – (MCM to Other MCM)**



**Figure C66 – ATMS08 – Incident Management  
Travis County Maintenance and Constructions Operations – (MCM to Other MCM)**



**Figure C67 – ATMS08 – Incident Management  
Williamson County Maintenance and Construction Operations – (MCM to Other MCM)**



**Figure C68 – ATMS08 – Incident Management  
County Maintenance and Construction Operations – (MCM to Other MCM)**

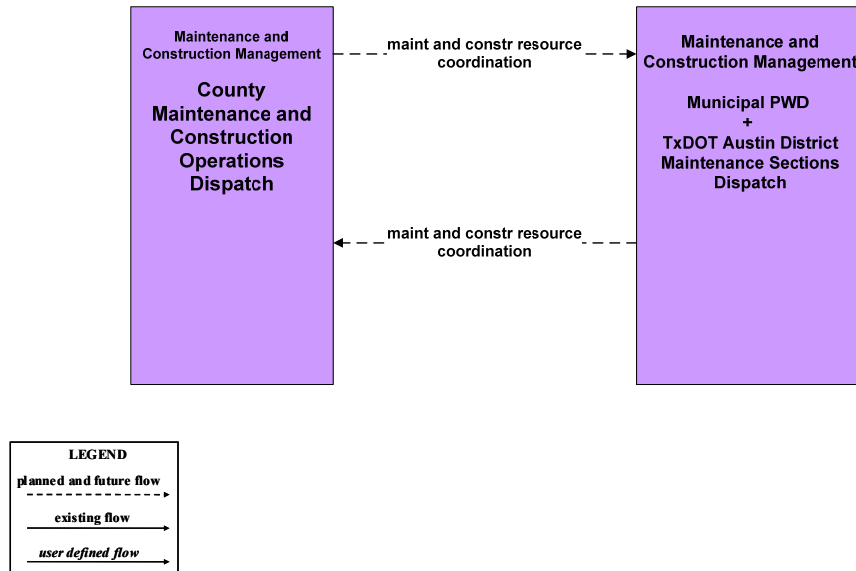


Figure C69 – ATMS08 – Incident Management  
EM to EVS (1 of 6)

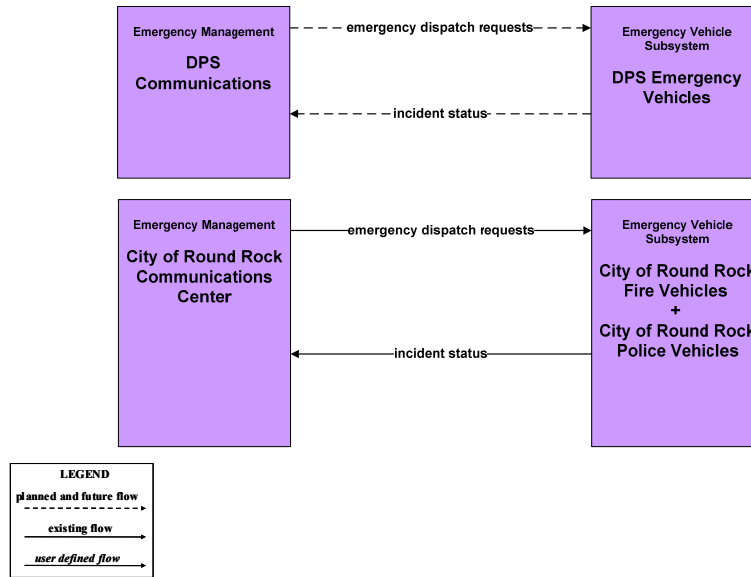


Figure C70 – ATMS08 – Incident Management  
EM to EVS (2 of 6)

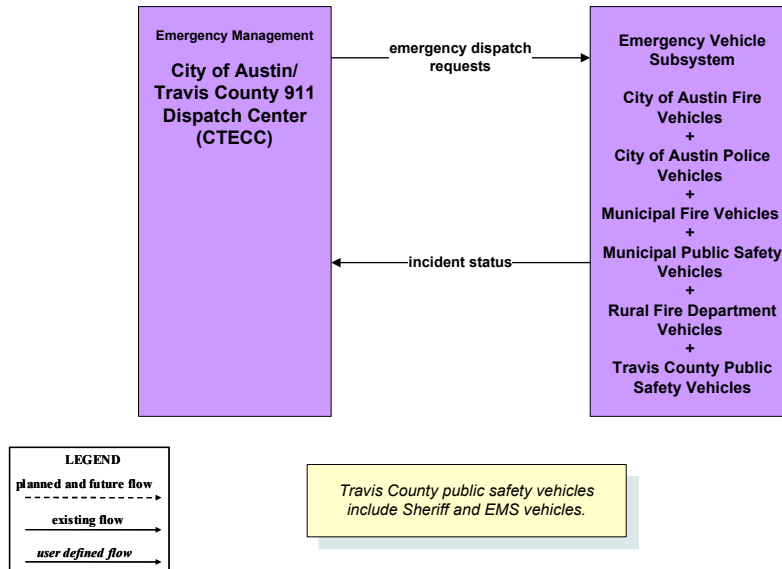


Figure C71 – ATMS08 – Incident Management  
EM to EVS (3 of 6)

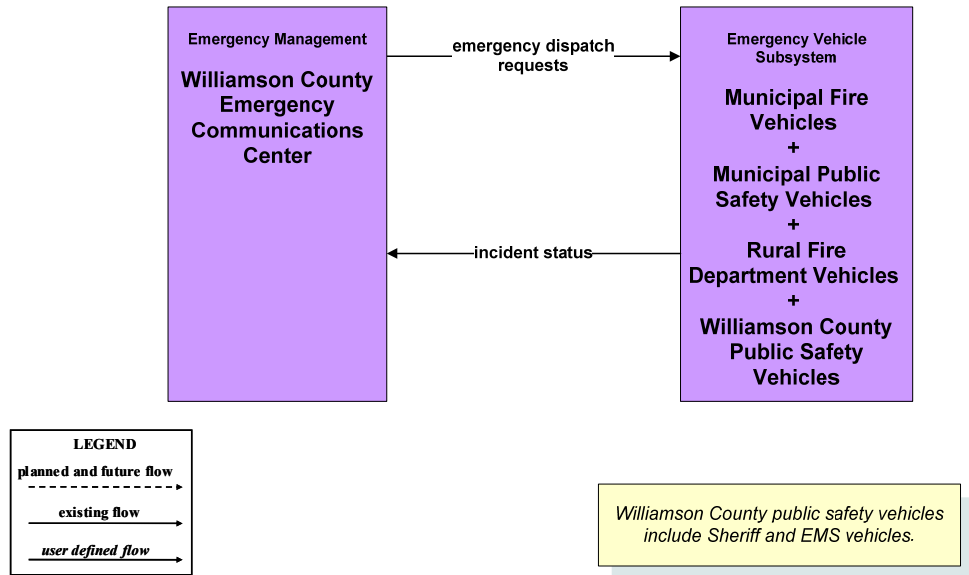


Figure C72 – ATMS08 – Incident Management  
EM to EVS (4 of 6)

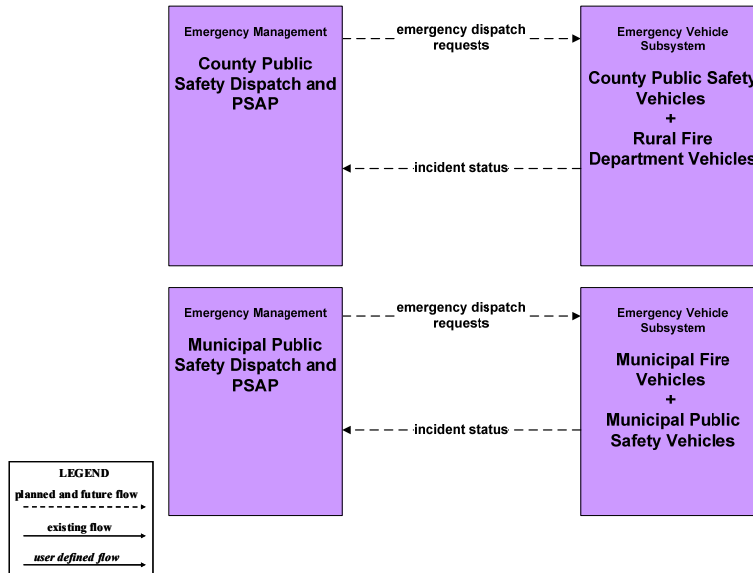


Figure C73 – ATMS08 – Incident Management  
EM to EVS (5 of 6)

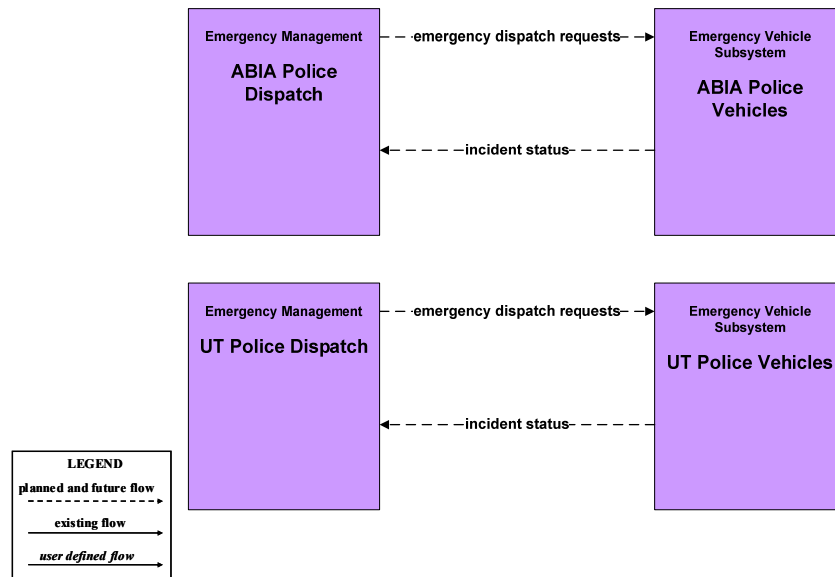
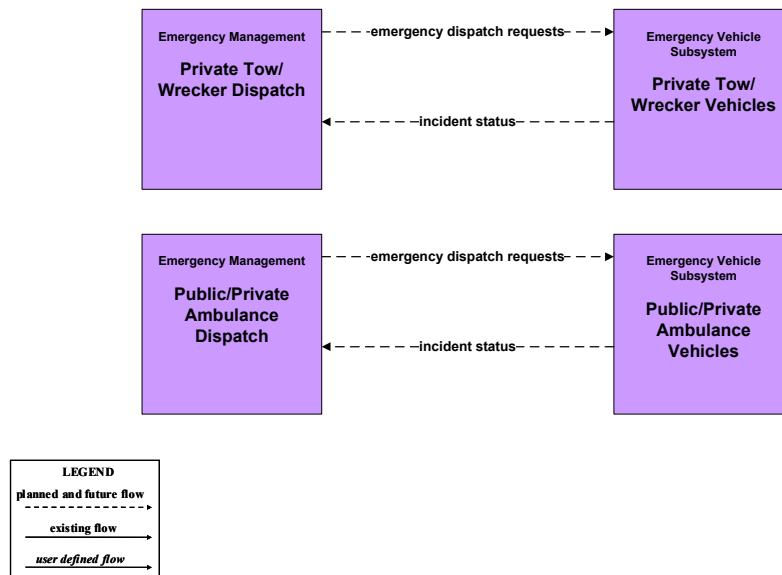
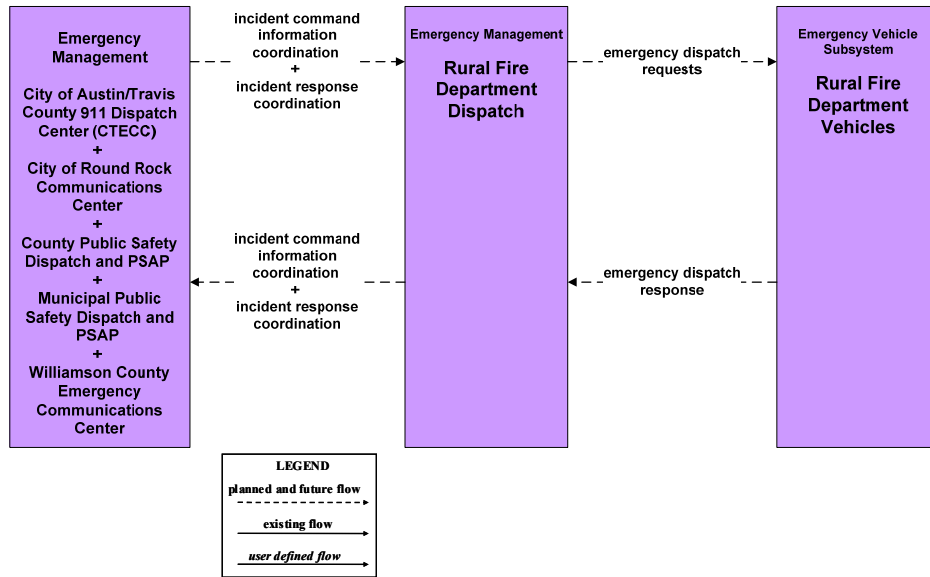


Figure C74 – ATMS08 – Incident Management  
EM to EVS (6 of 6)



**Figure C75 – ATMS08 – Incident Management Rural Fire Departments**



**Figure C76 – ATMS08 – Incident Management Municipal Fire Departments**

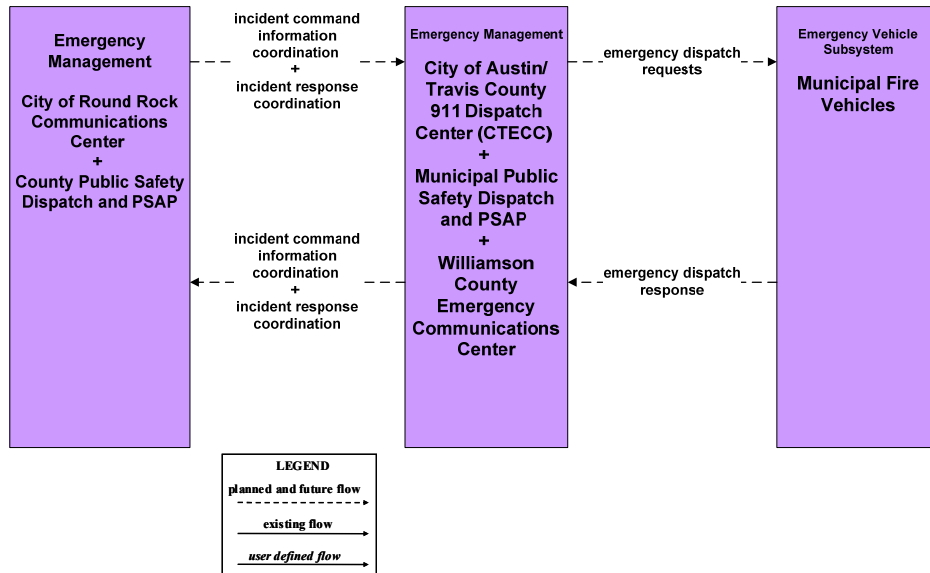


Figure C77 – ATMS08 – Incident Management  
Rail Operations Coordination

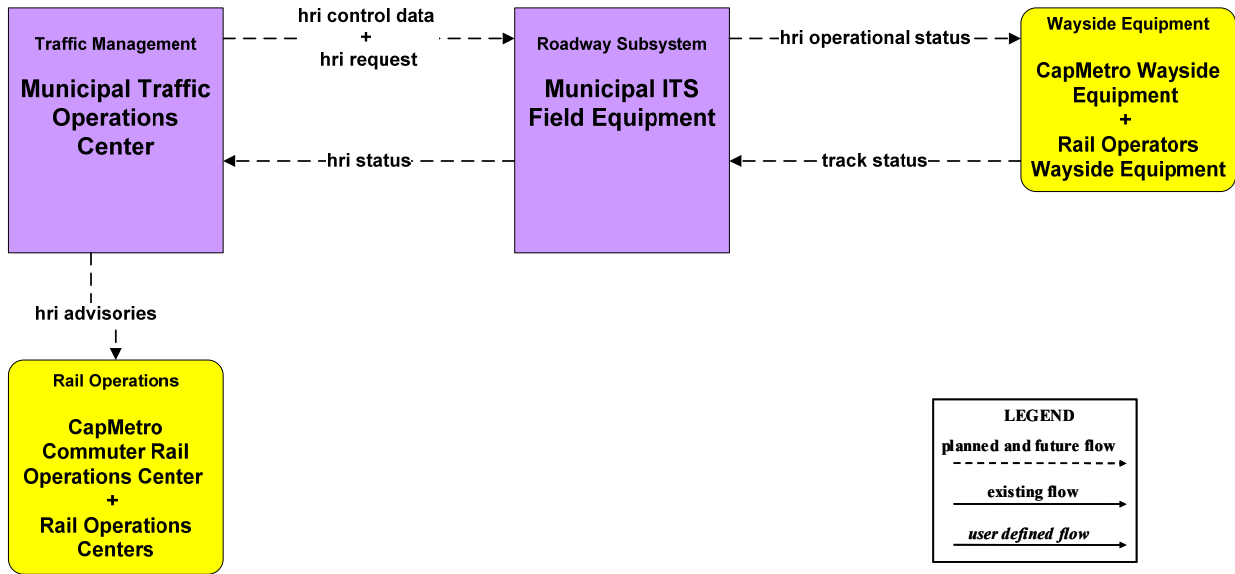


Figure C78 – ATMS08 – Incident Management  
Regional Utility Companies

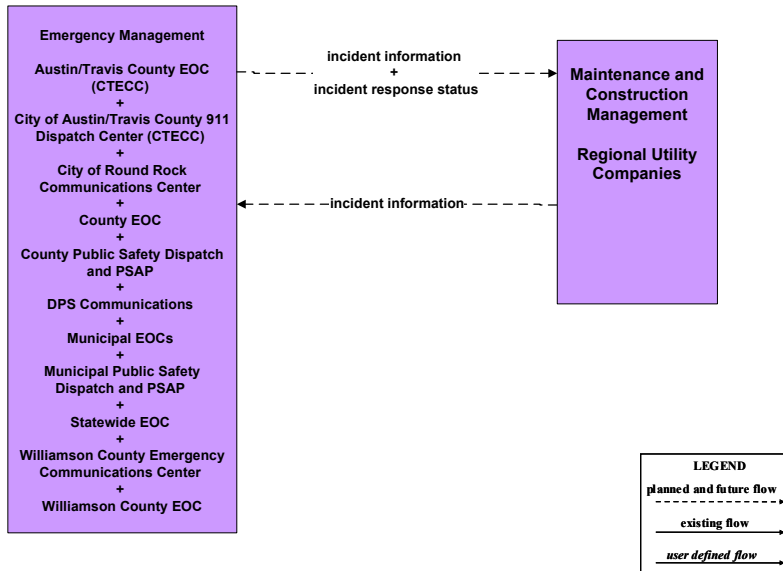




Figure C79 – ATMS10 – Electronic Toll Collection  
TTA – Toll Administration (1 of 2)

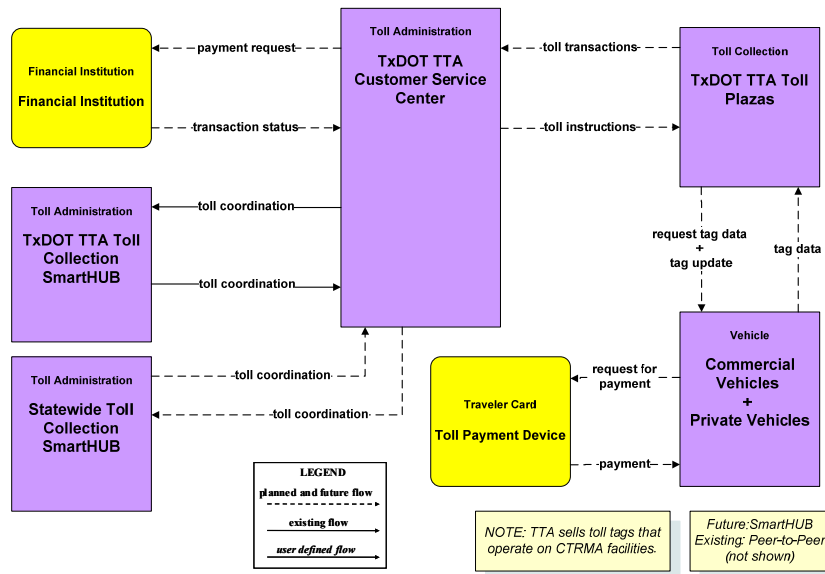
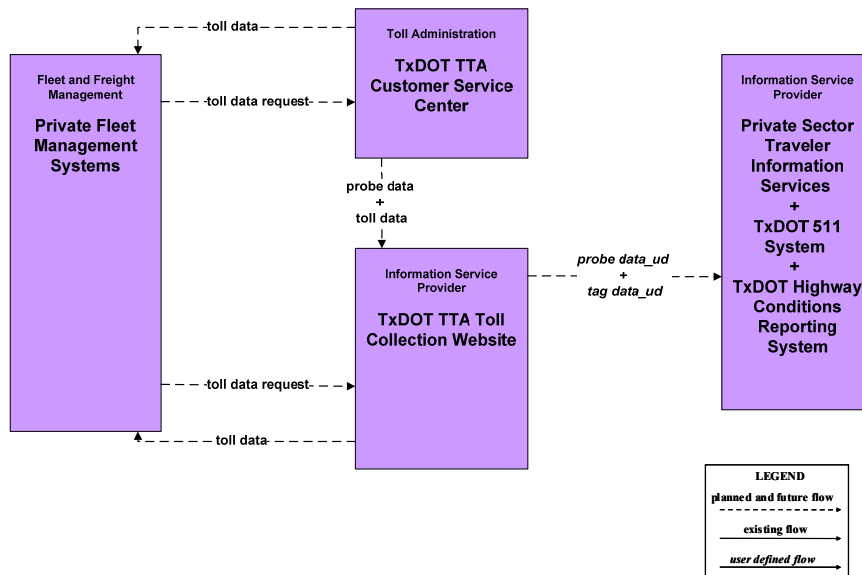
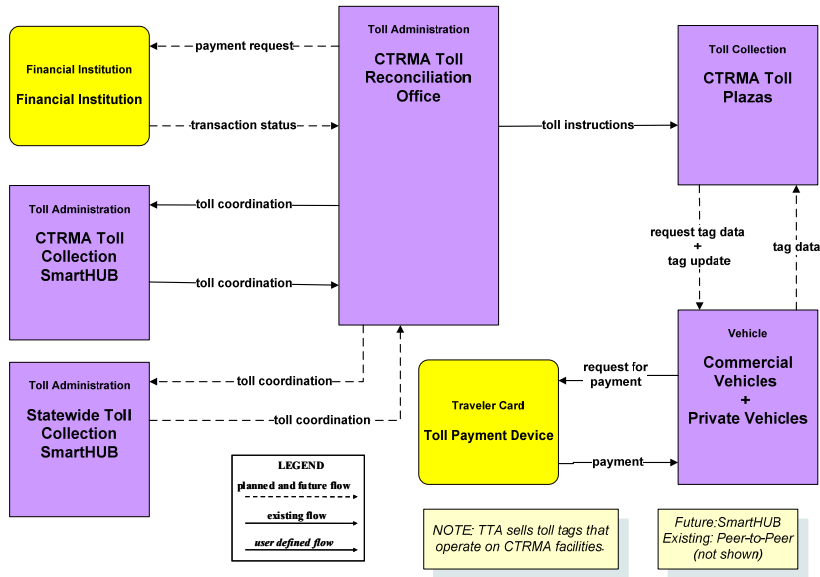


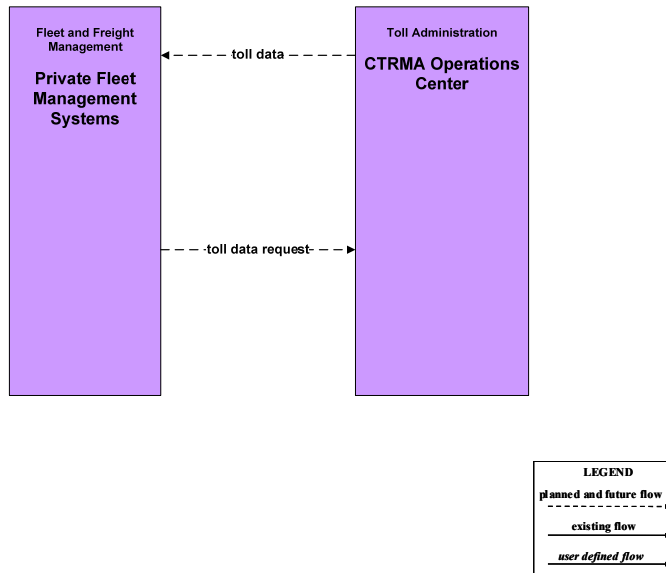
Figure C80 – ATMS10 – Electronic Toll Collection  
TTA – Toll Administration (2 of 2)



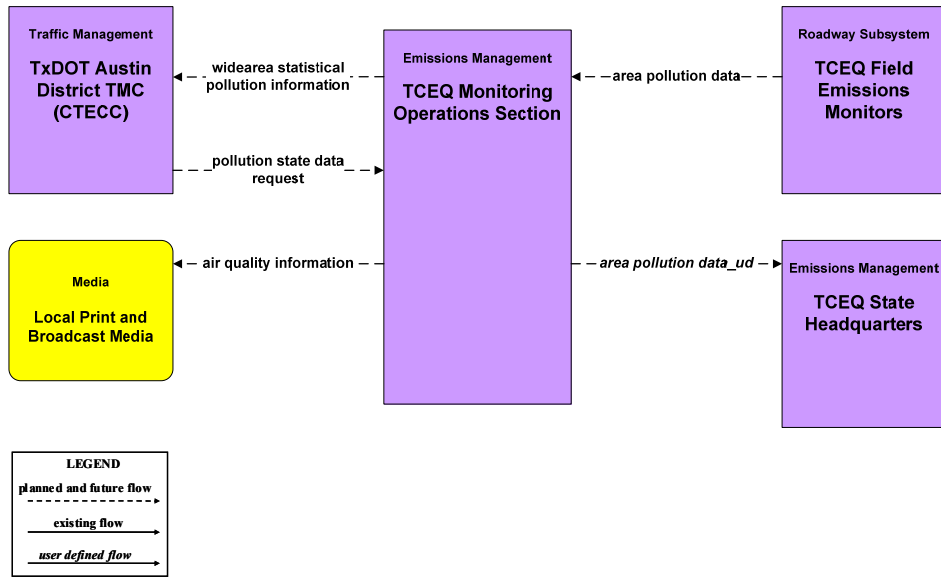
**Figure C81 – ATMS10 – Electronic Toll Collection  
CTRMA – Toll Administration (1 of 2)**



**Figure C82 – ATMS10 – Electronic Toll Collection  
CTRMA – Toll Administration (2 of 2)**



**Figure C83 – ATMS11 – Emissions Monitoring and Management  
TCEQ**



**Figure C84 – ATMS11 – Emissions Monitoring and Management  
City of Austin**

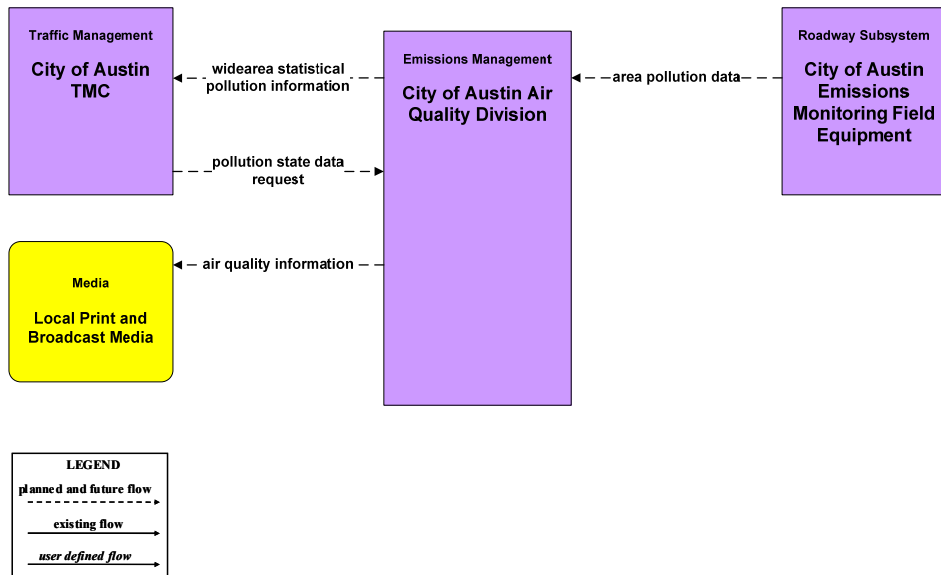


Figure C85 – ATMS13 – Standard Railroad Grade Crossing  
 TxDOT Austin District Traffic Management Center (CTECC)

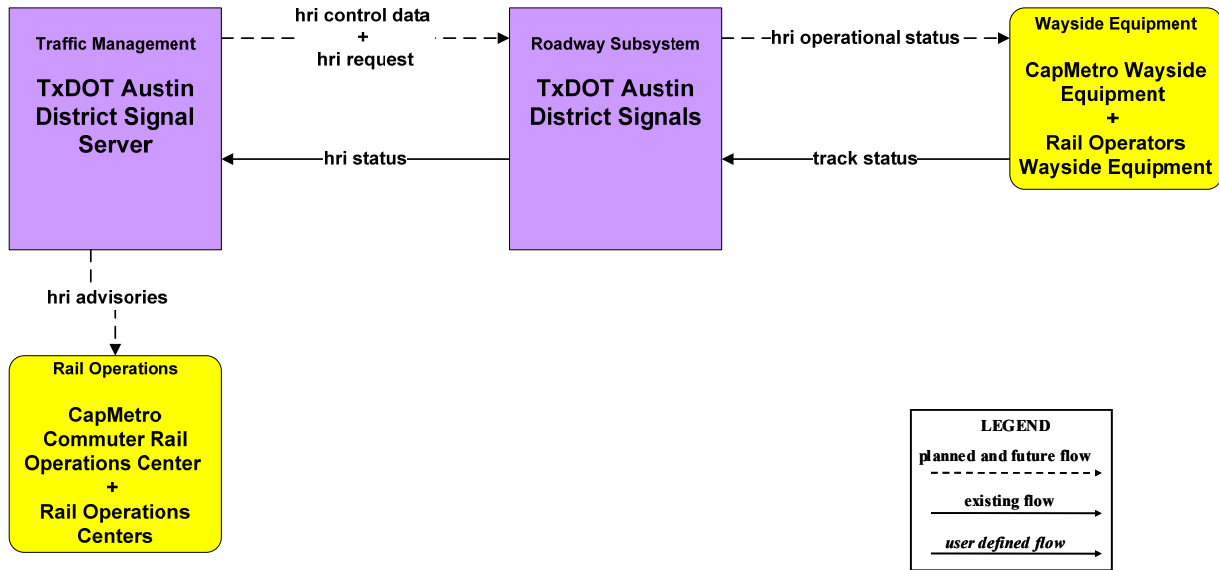


Figure C86 – ATMS13 – Standard Railroad Grade Crossing  
 City of Austin Traffic Management Center

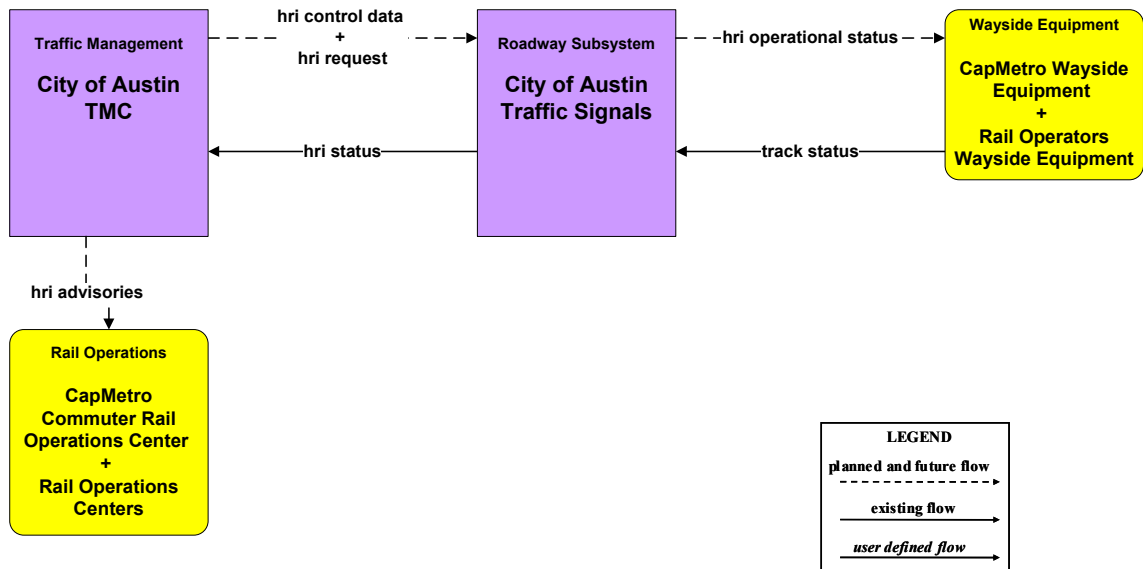


Figure C87 – ATMS13 – Standard Railroad Grade Crossing  
City of Cedar Park Traffic Operations Center

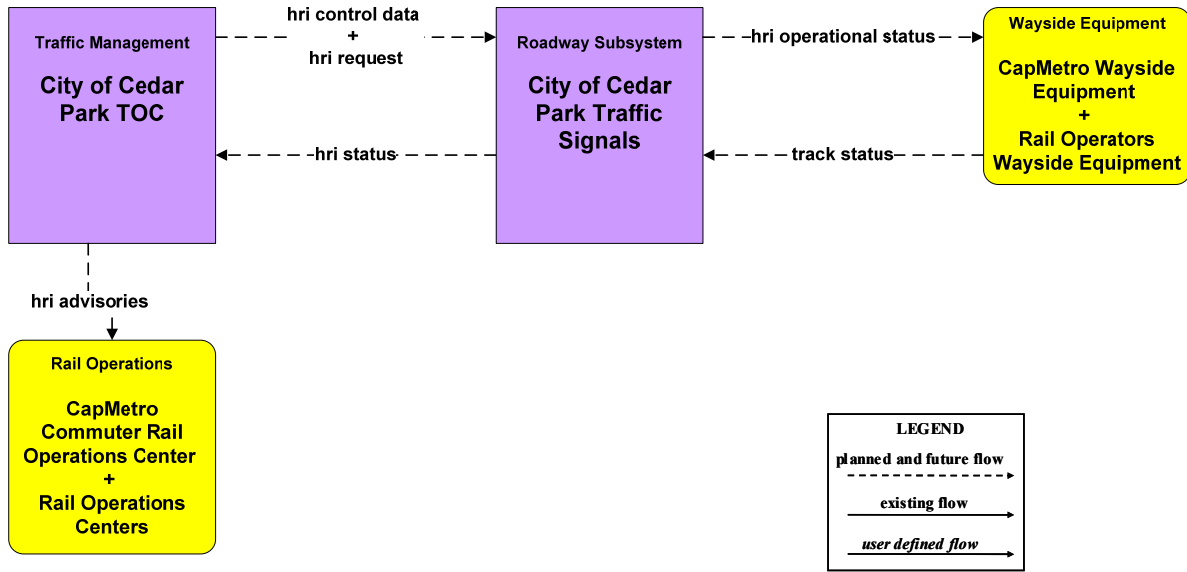
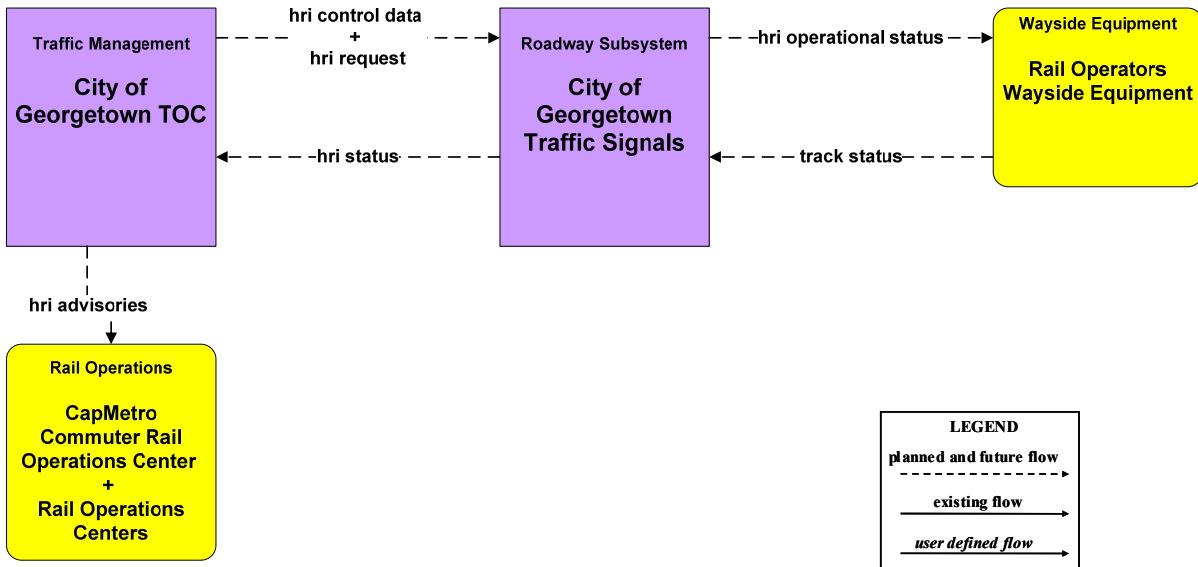
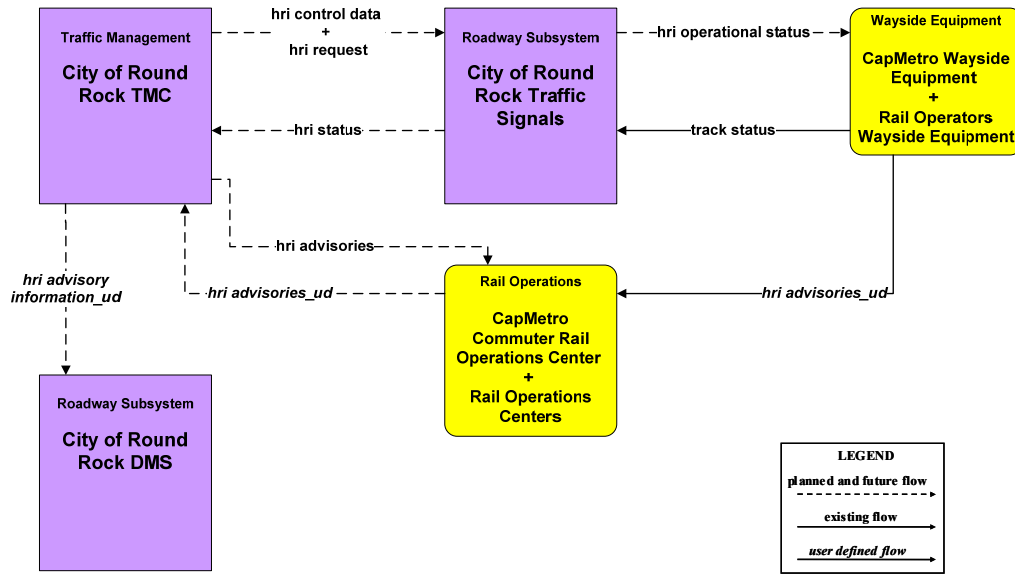


Figure C88 – ATMS13 – Standard Railroad Grade Crossing  
City of Georgetown Traffic Operations Center



**Figure C89 – ATMS13 – Standard Railroad Grade Crossing  
City of Round Rock Traffic Management Center**



**Figure C90 – ATMS13 – Standard Railroad Grade Crossing  
City of San Marcos Traffic Operations Center**

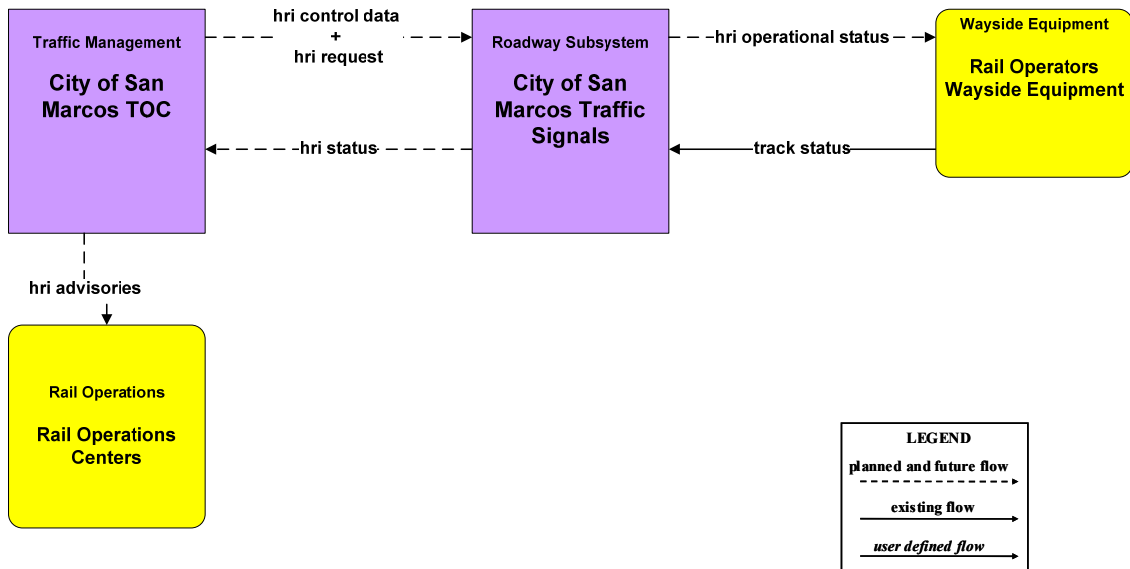


Figure C91 – ATMS13 – Standard Railroad Grade Crossing  
Municipal Traffic Operations Center

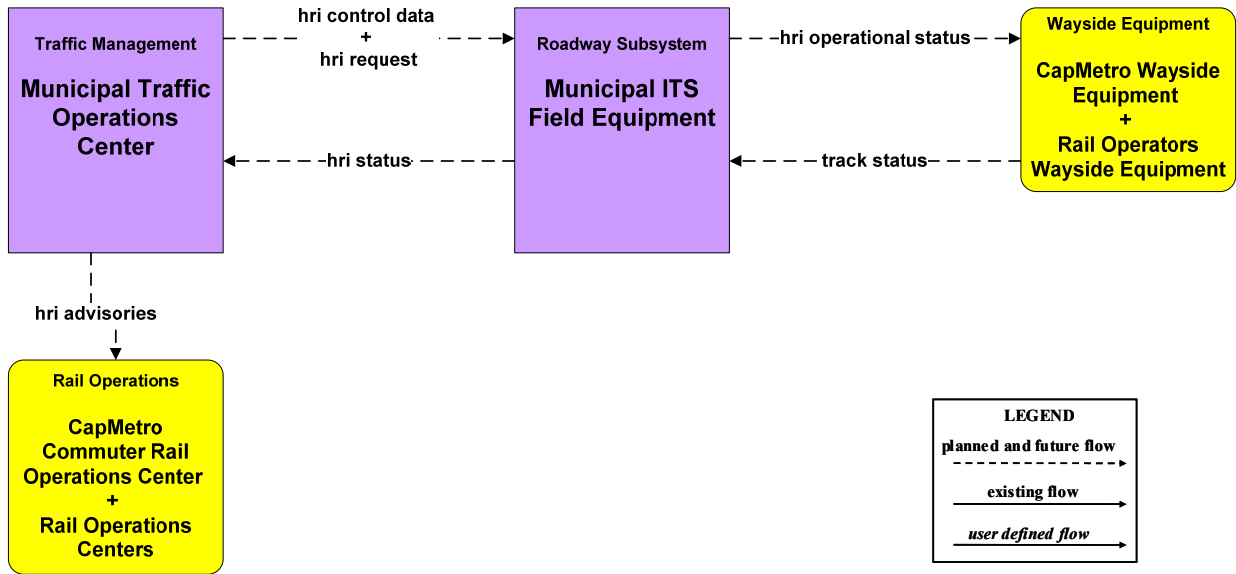
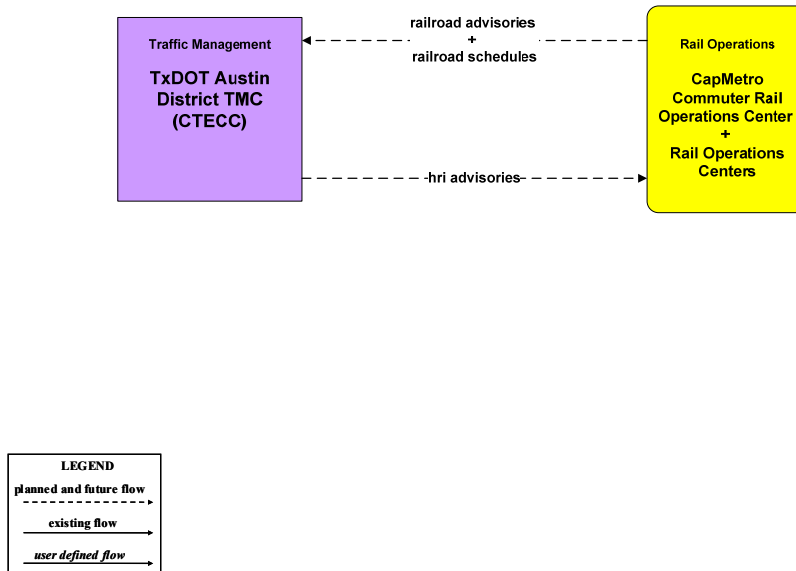
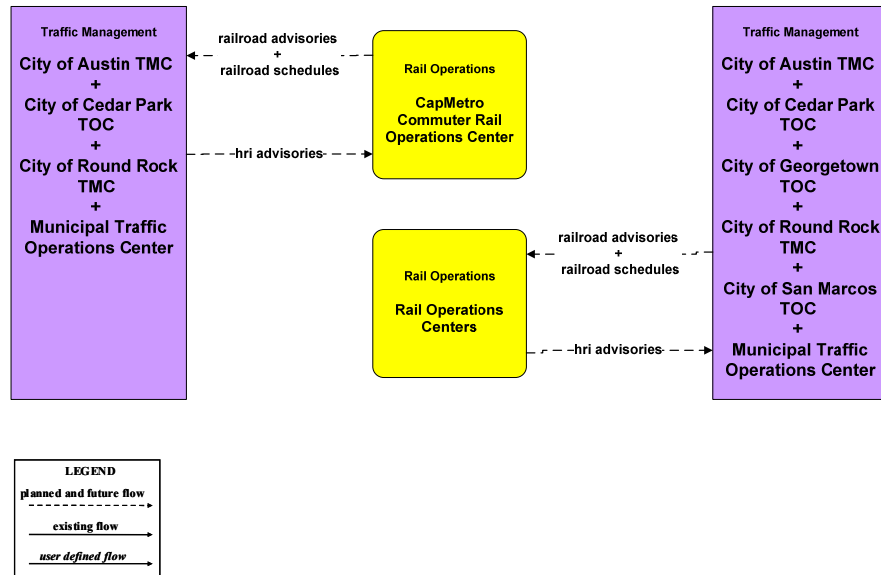


Figure C92 – ATMS15 – Railroad Operations Coordination  
TxDOT Austin District Traffic Management Center



**Figure C93 – ATMS15 – Railroad Operations Coordination  
City TMCs/City TOCs/Municipal Traffic Operations Center**



**Figure C94 – ATMS16 – Parking Facility Management  
CapMetro**

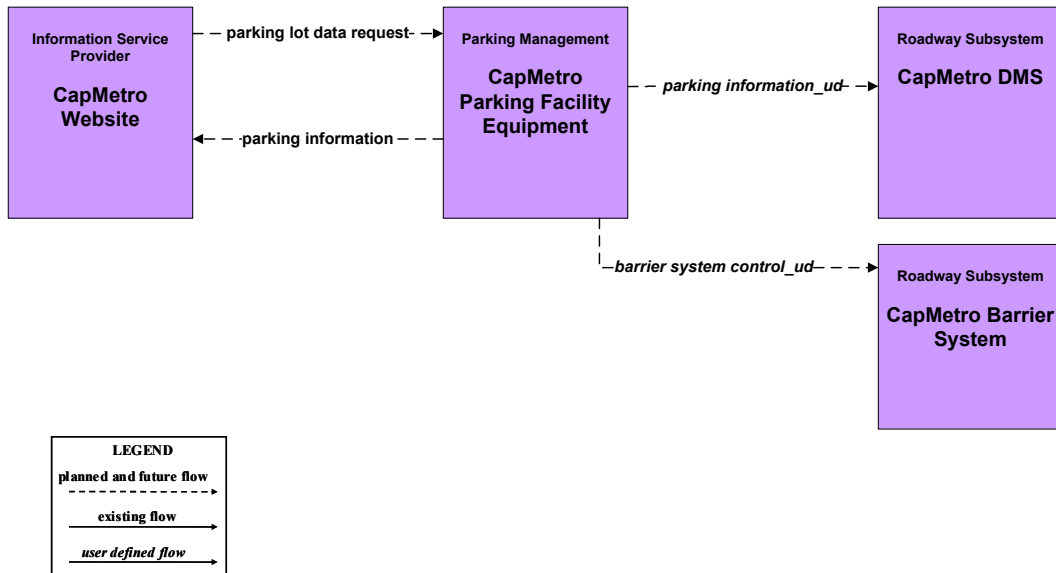




Figure C95 – ATMS16 – Parking Facility Management CARTS

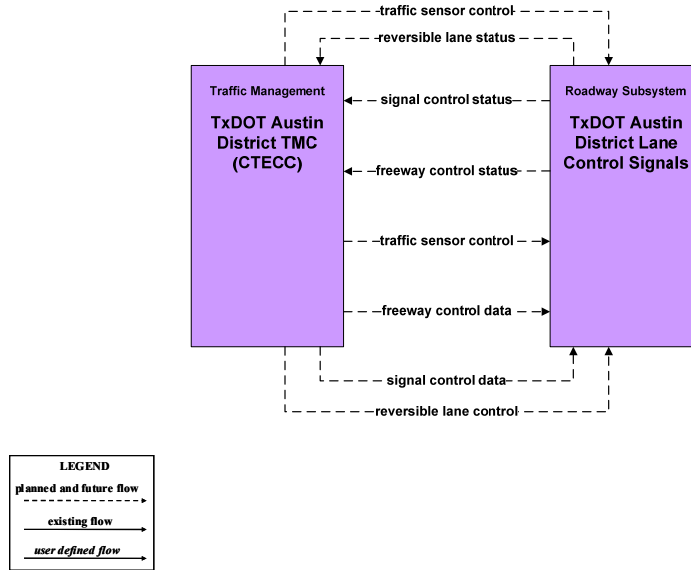


Figure C96 – ATMS18 – Reversible Lane Management TxDOT Austin/Texas Turnpike Authority

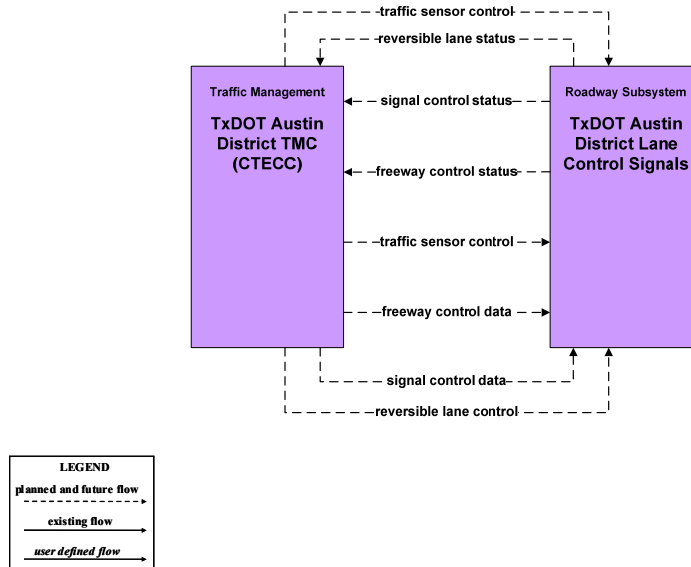


Figure C97 – ATMS18 – Reversible Lane Management  
City of Austin

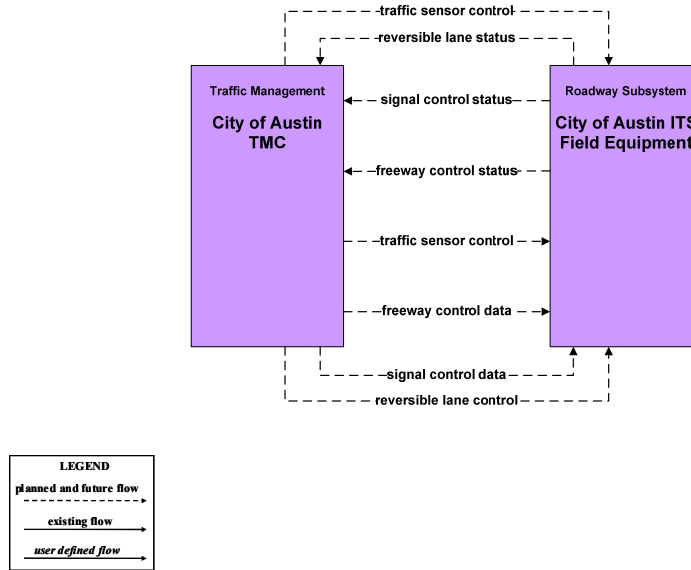
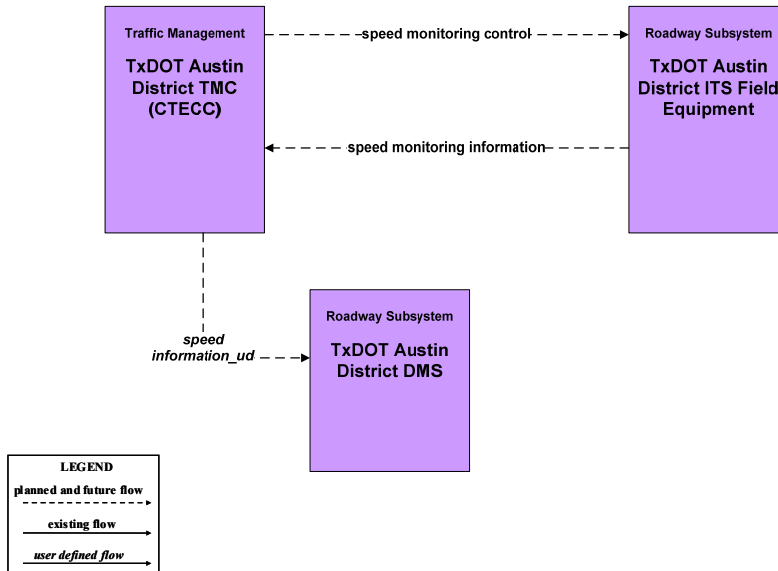
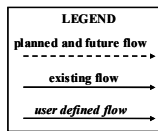
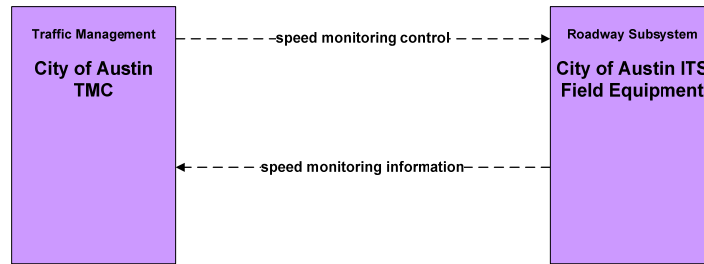


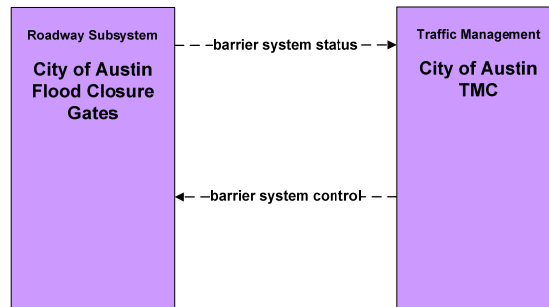
Figure C98 – ATMS19 – Speed Monitoring  
TxDOT Austin District



**Figure C99 – ATMS19 – Speed Monitoring  
City of Austin**

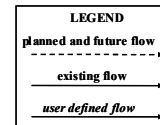


**Figure C100 – ATMS21 – Roadway Closure Management  
City of Austin – Flood Closure Gates**

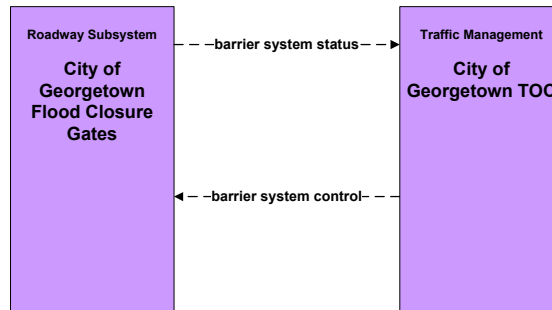


NOTE: Flood Gates are currently controlled by the Watershed Utility Department.

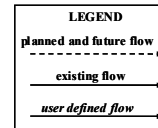
NOTE: Additional Flood Detection information can be found in EM07.



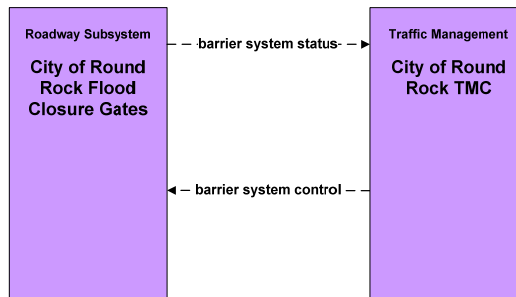
**Figure C101 – ATMS21 – Roadway Closure Management  
City of Georgetown – Flood Closure Gates**



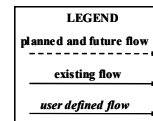
NOTE: Additional Flood Detection information can be found in EM07.



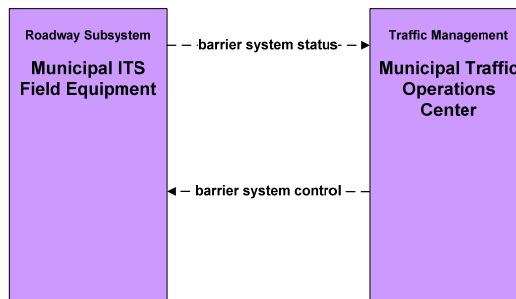
**Figure C102 – ATMS21 – Roadway Closure Management  
City of Round Rock – Flood Closure Gates**



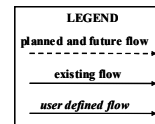
NOTE: Additional Flood Detection information can be found in EM07.



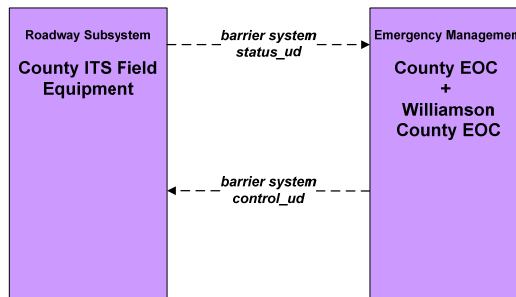
**Figure C103 – ATMS21 – Roadway Closure Management  
Municipal – Flood Closure Gates**



NOTE: Additional Flood Detection information can be found in EM07.

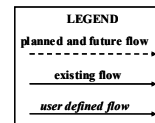


**Figure C104 – ATMS21 – Roadway Closure Management  
County – Flood Closure Gates**

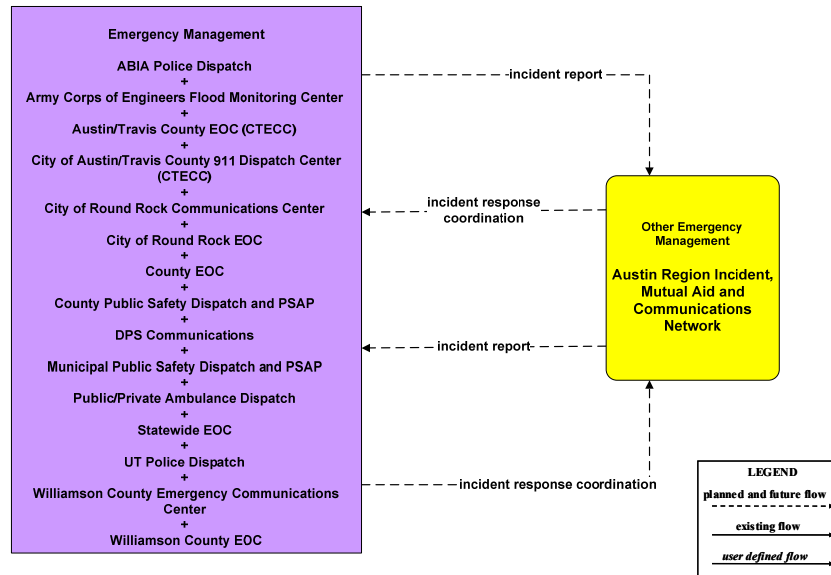


Includes deploying flood monitoring devices and flood control gates in Hays and Williamson Counties.

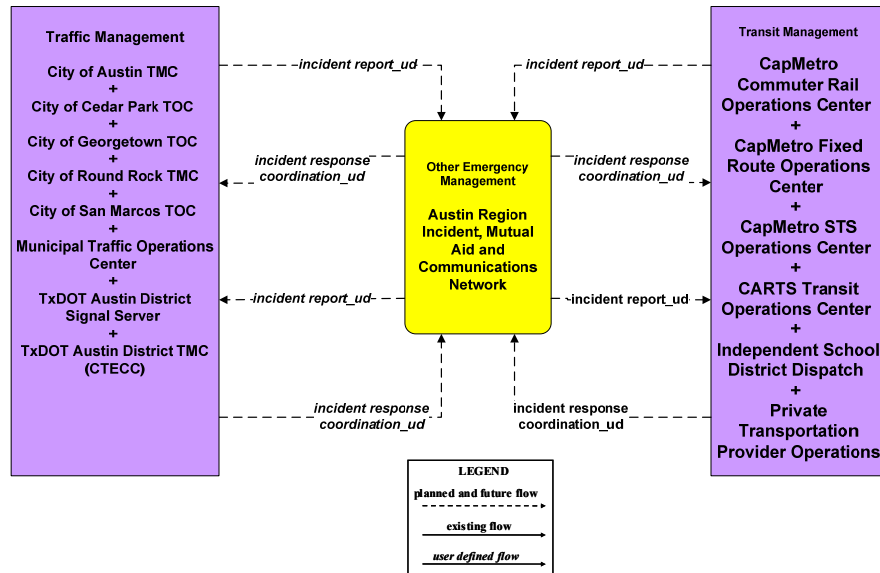
NOTE: Additional Flood Detection information can be found in EM07.



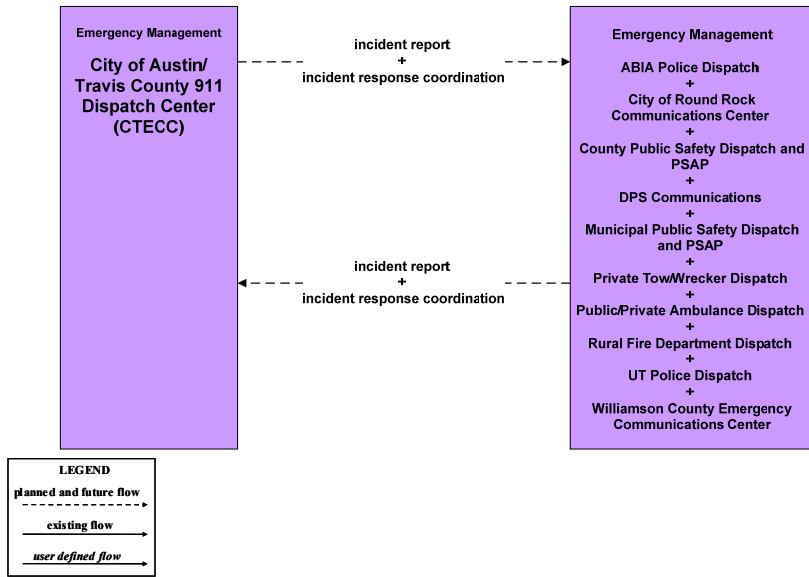
**Figure C105 – EM01 – Emergency Call-Taking and Dispatch EM to Other EM**



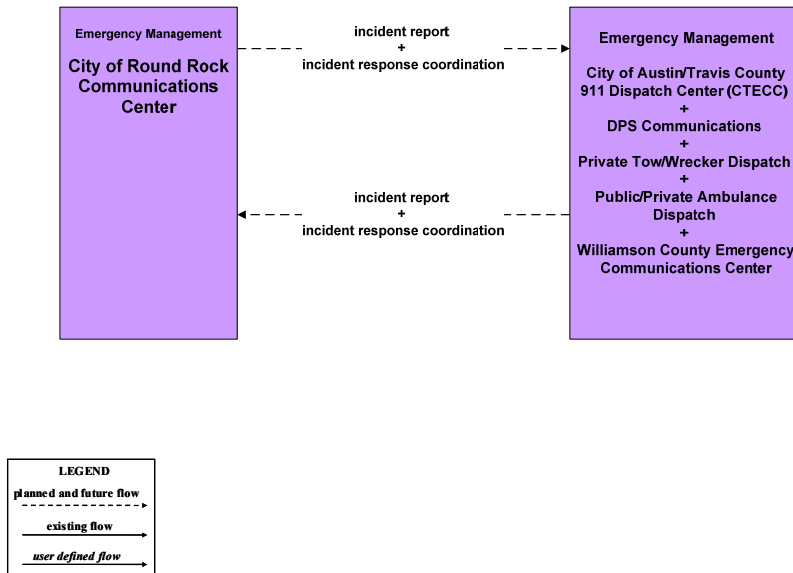
**Figure C106 – EM01 – Emergency Call-Taking and Dispatch Other EM to TMS/TRMS**



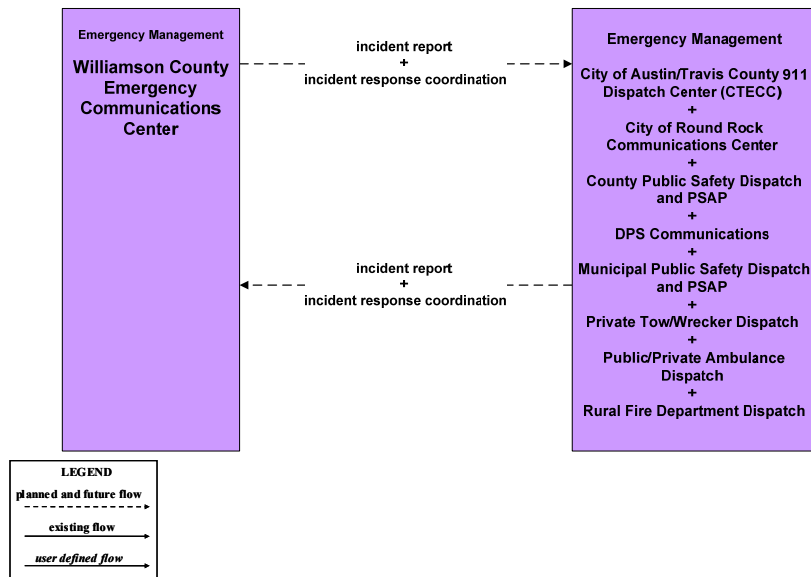
**Figure C107 – EM01 – Emergency Call-Taking and Dispatch  
City of Austin/Travis County 911 Dispatch Center (CTECC)**



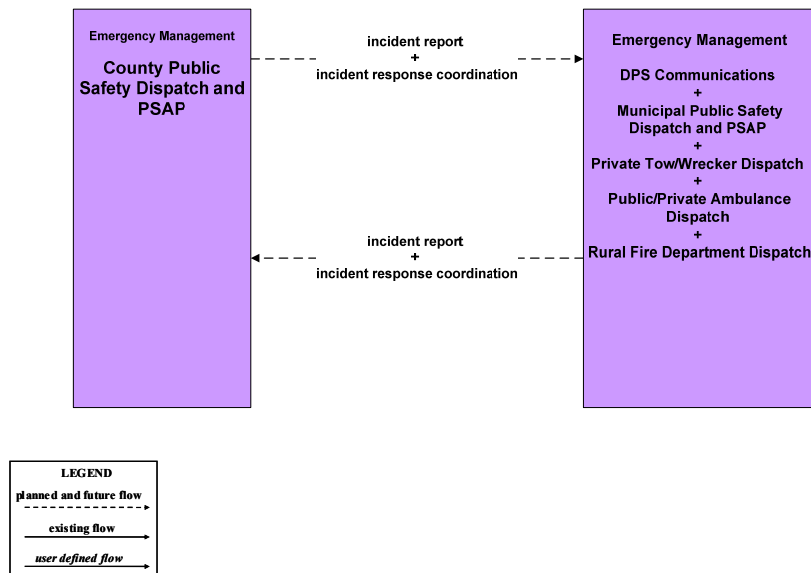
**Figure C108 – EM01 – Emergency Call-Taking and Dispatch  
City of Round Rock Communications Center**



**Figure C109 – EM01 – Emergency Call-Taking and Dispatch  
Williamson County Emergency Communications Center**

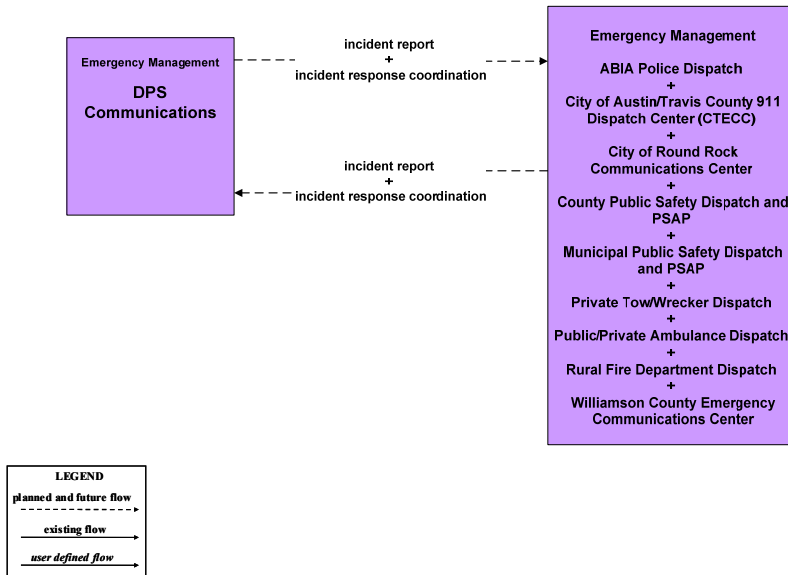


**Figure C110 – EM01 – Emergency Call-Taking and Dispatch  
County Public Safety and PSAP**

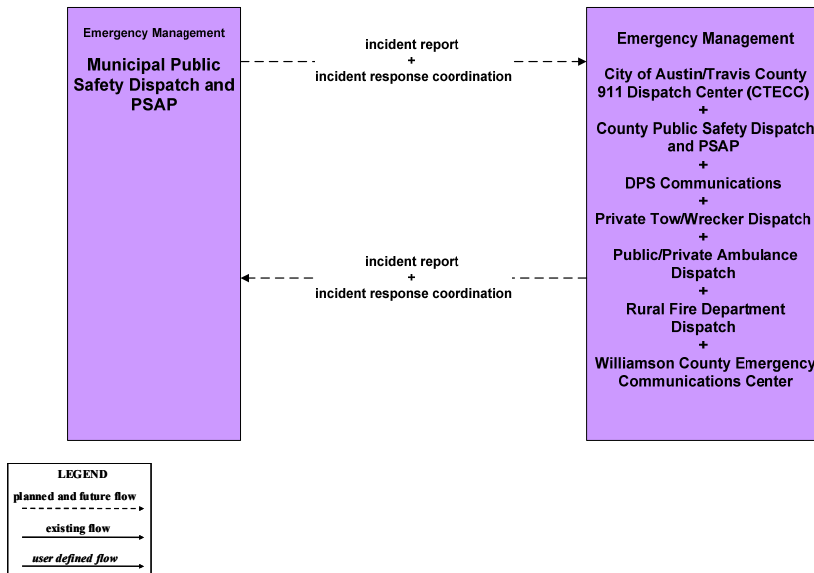




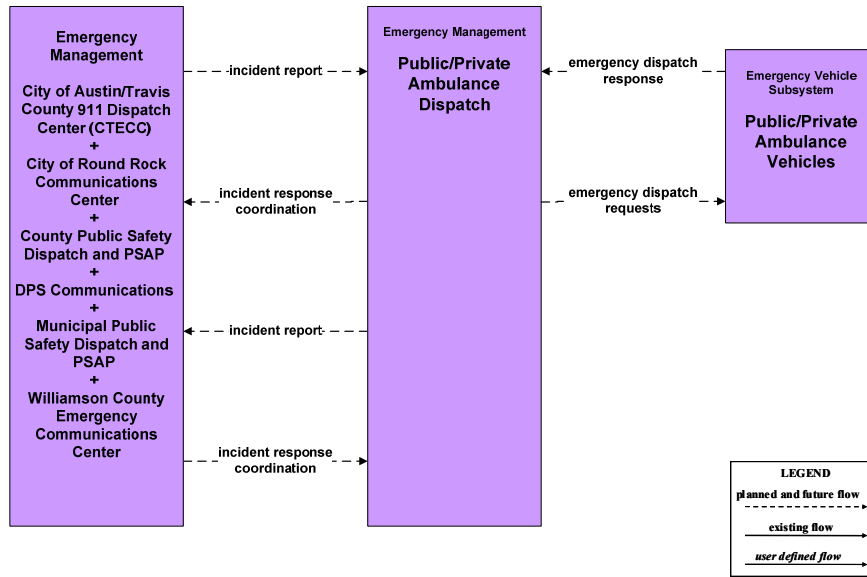
**Figure C111 – EM01 – Emergency Call-Taking and Dispatch  
DPS**



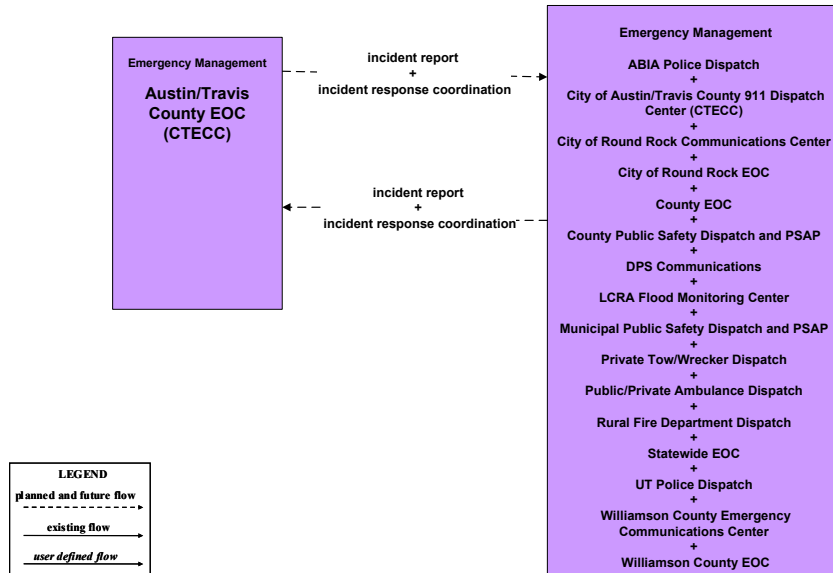
**Figure C112 – EM01 – Emergency Call-Taking and Dispatch  
Municipal Public Safety**



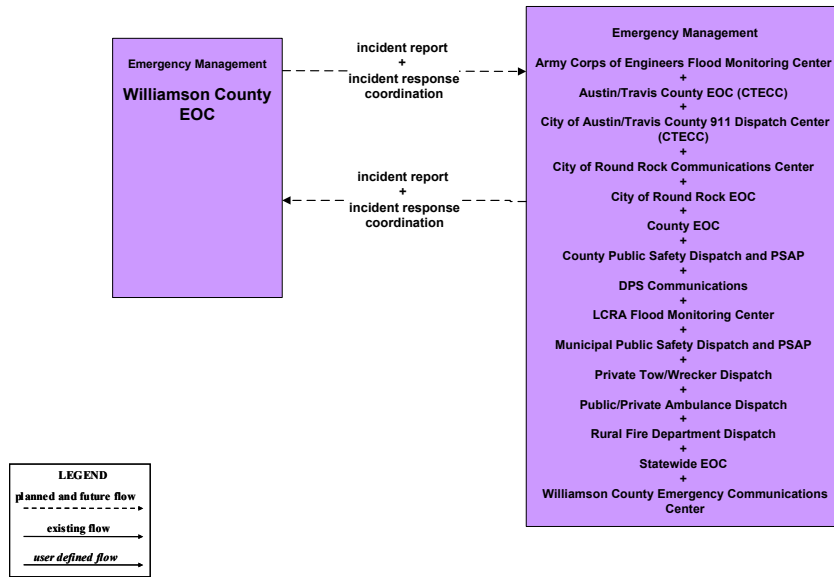
**Figure C113 – EM01 – Emergency Call-Taking and Dispatch  
Public/Private Ambulance Dispatch**



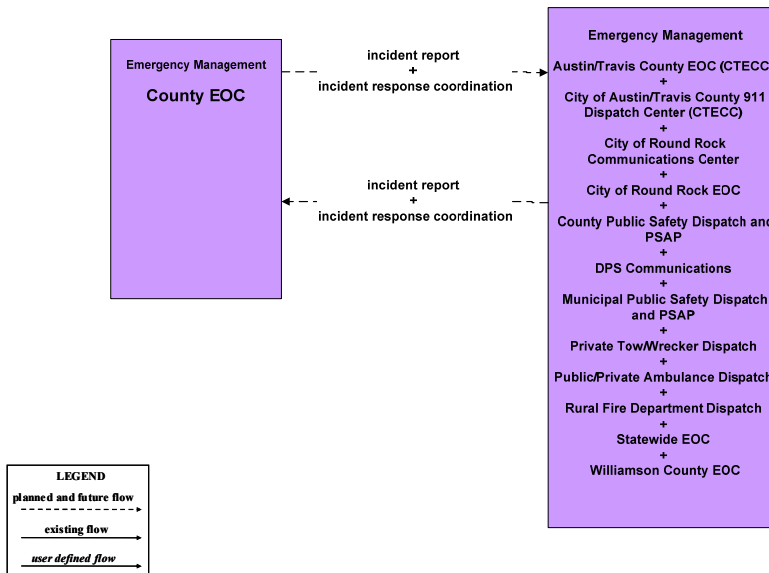
**Figure C114 – EM01 – Emergency Call-Taking and Dispatch  
Austin/Travis County EOC (CTECC)**



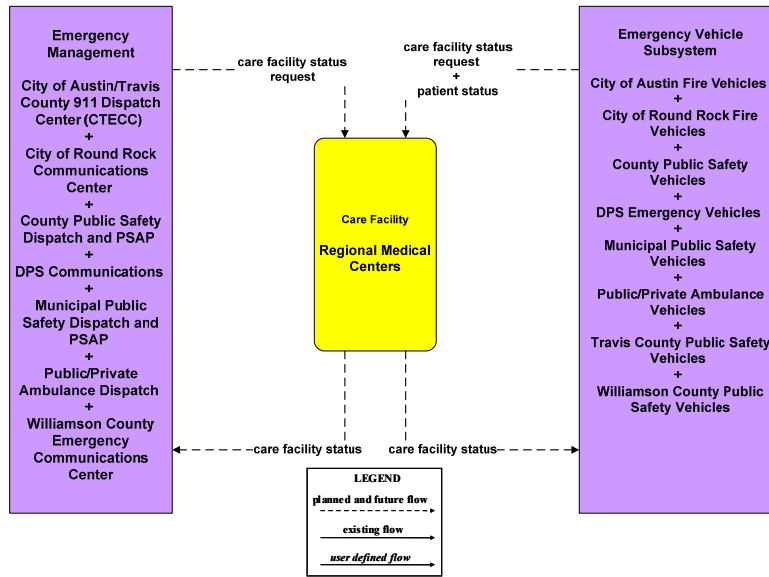
**Figure C115 – EM01 – Emergency Call-Taking and Dispatch Williamson County EOC**



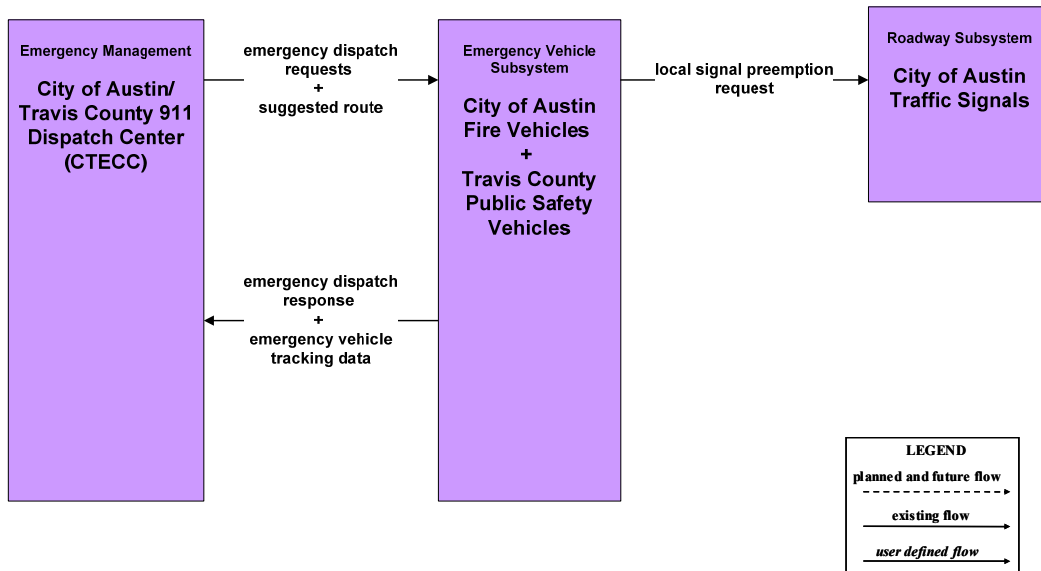
**Figure C116 – EM01 – Emergency Call-Taking and Dispatch County EOC**



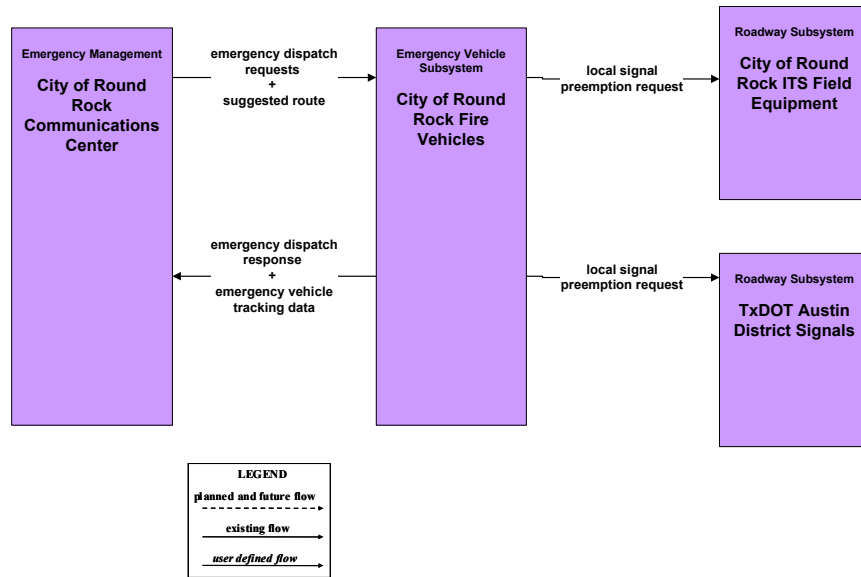
**Figure C117 – EM02 – Emergency Routing  
Regional Medical Center Coordination**



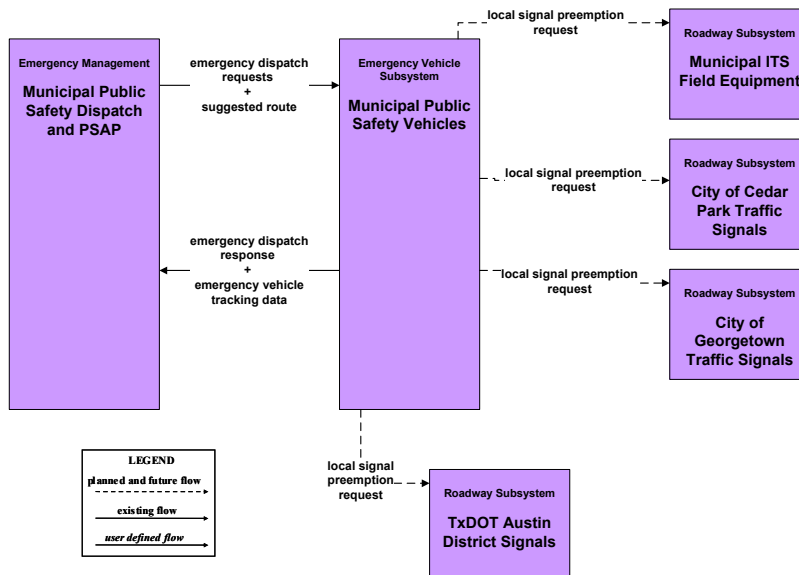
**Figure C118 – EM02 – Emergency Routing  
City of Austin Fire and Austin/Travis County EMS**



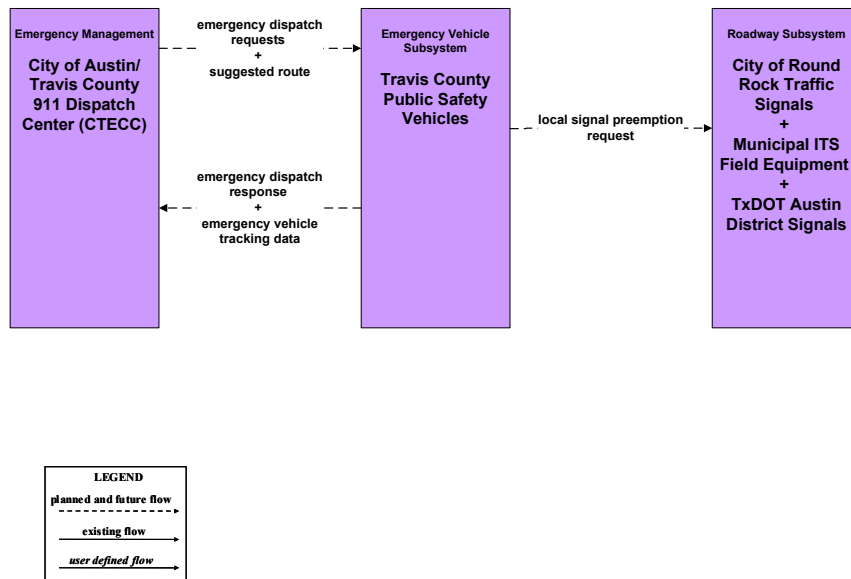
**Figure C119 – EM02 – Emergency Routing  
City of Round Rock Fire Vehicles**



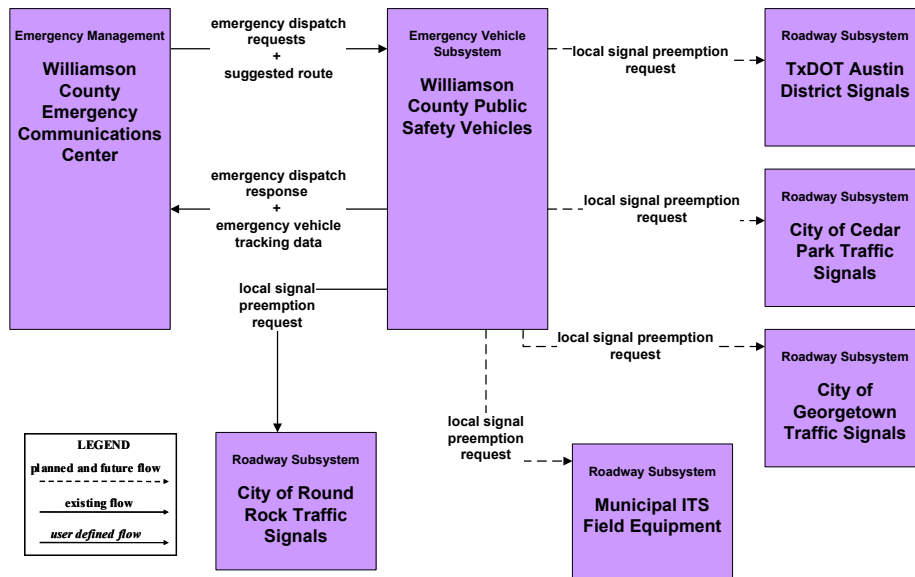
**Figure C120 – EM02 – Emergency Routing  
Municipal Public Safety Vehicles**



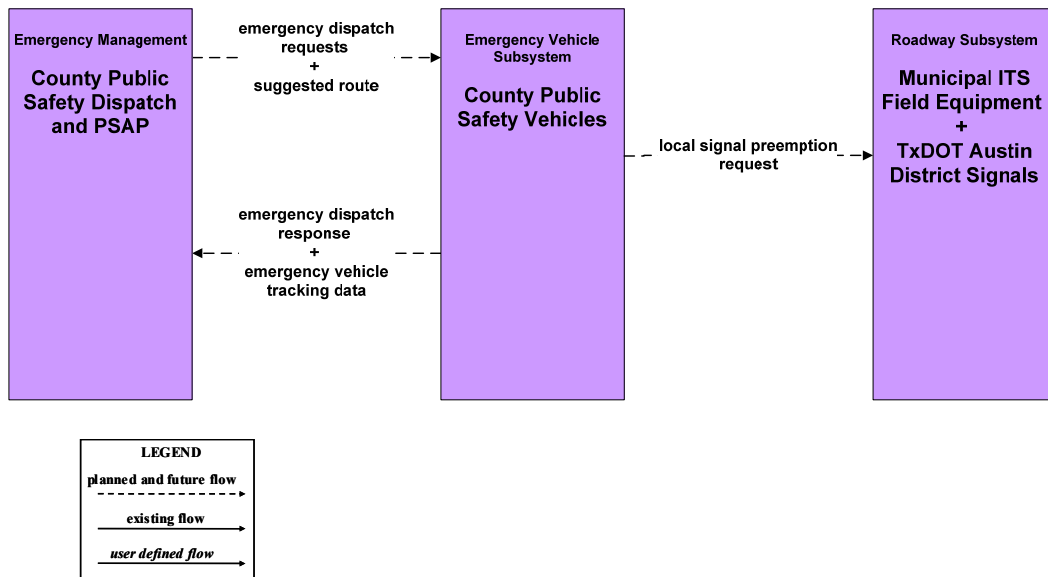
**Figure C121 – EM02 – Emergency Routing  
Travis County Public Safety Vehicles**



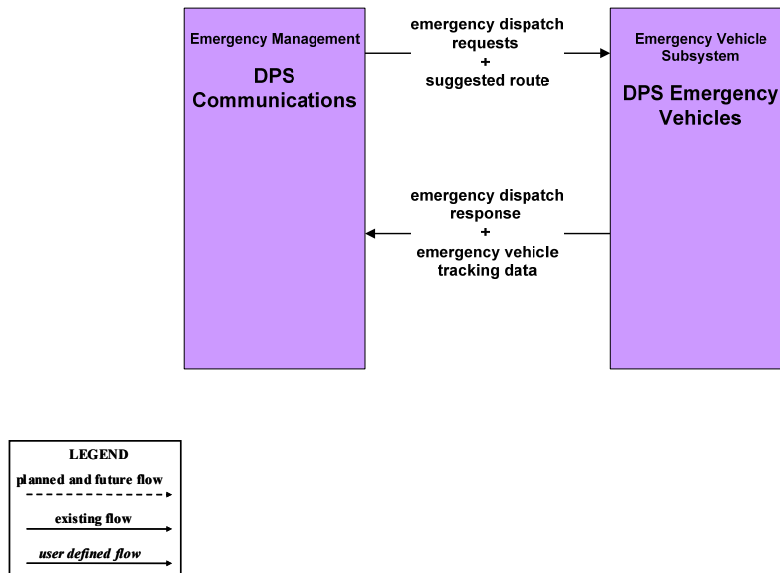
**Figure C122 – EM02 – Emergency Routing  
Williamson County Public Safety Vehicles**



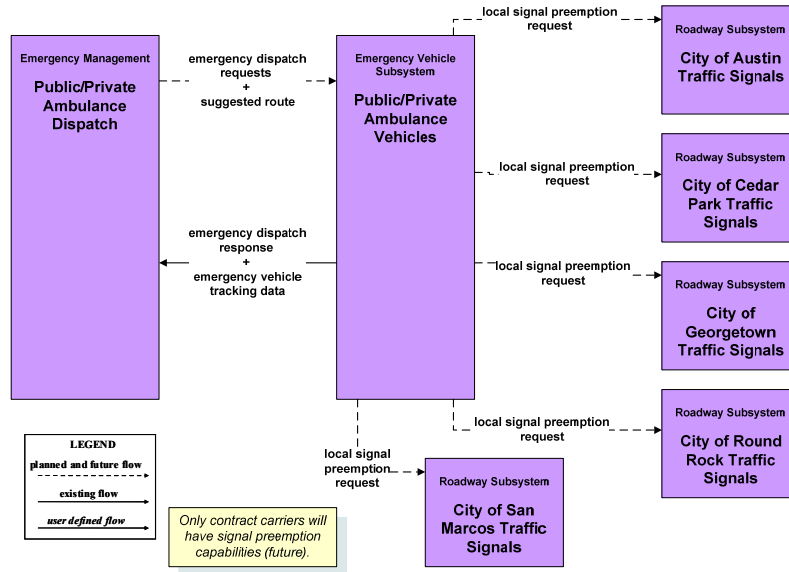
**Figure C123 – EM02 – Emergency Routing  
County Public Safety Vehicles**



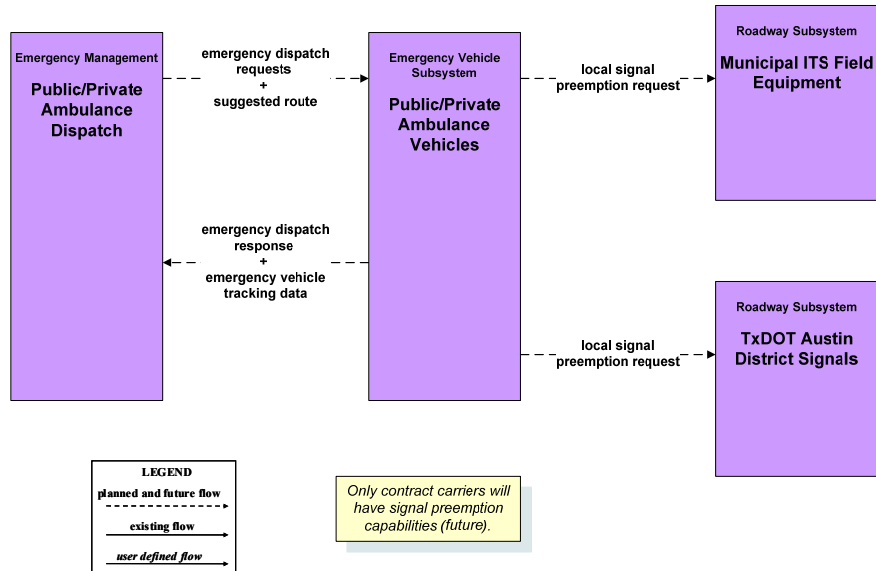
**Figure C124 – EM02 – Emergency Routing  
DPS Emergency Vehicles**



**Figure C125 – EM02 – Emergency Routing Public/Private Ambulance Vehicles (1 of 2)**

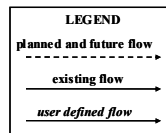
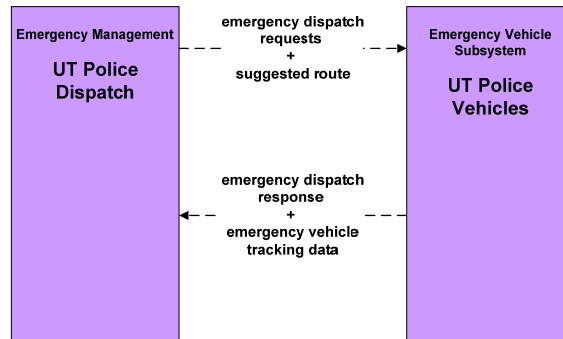


**Figure C126 – EM02 – Emergency Routing Public/Private Ambulance Vehicles (2 of 2)**

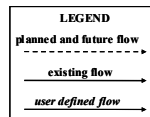
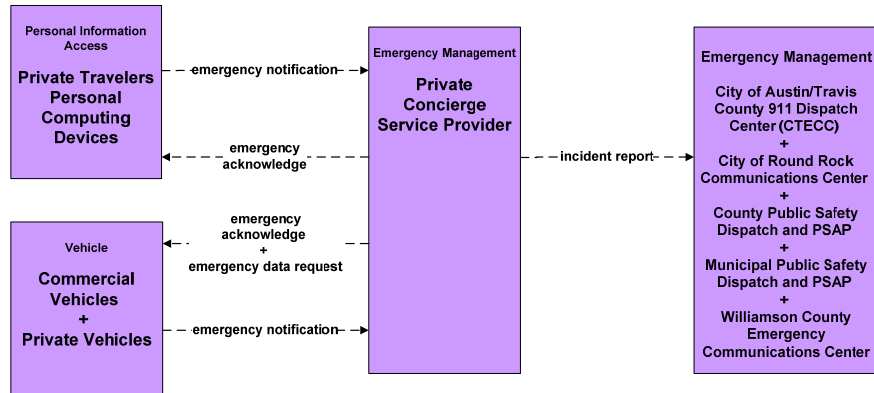




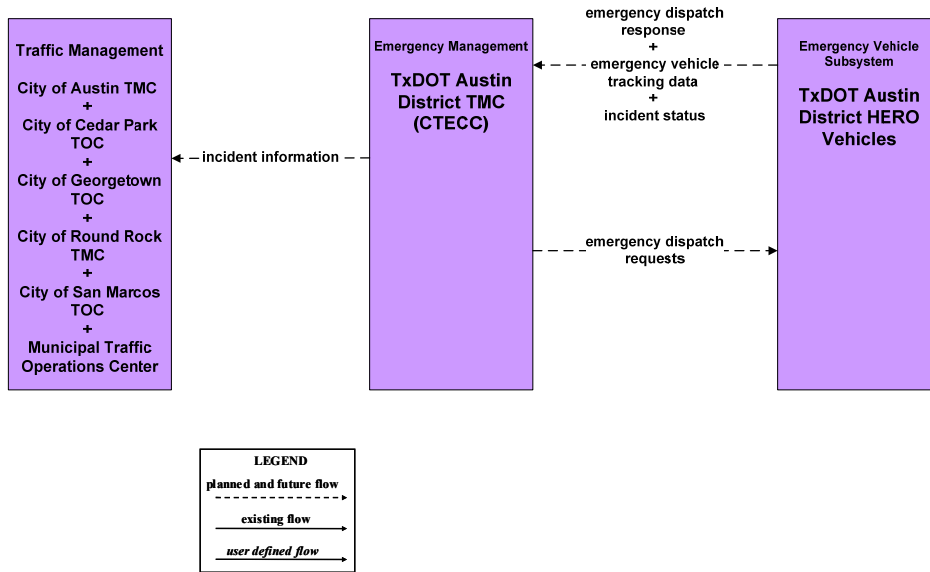
**Figure C127 – EM02 – Emergency Routing  
University of Texas Police Vehicles**



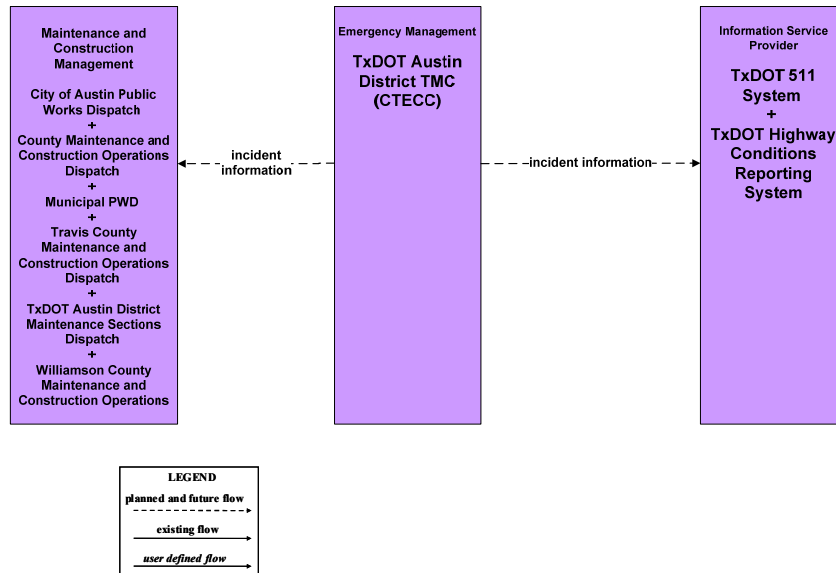
**Figure C128 – EM03 – Mayday Support  
Private Concierge Service Provider**



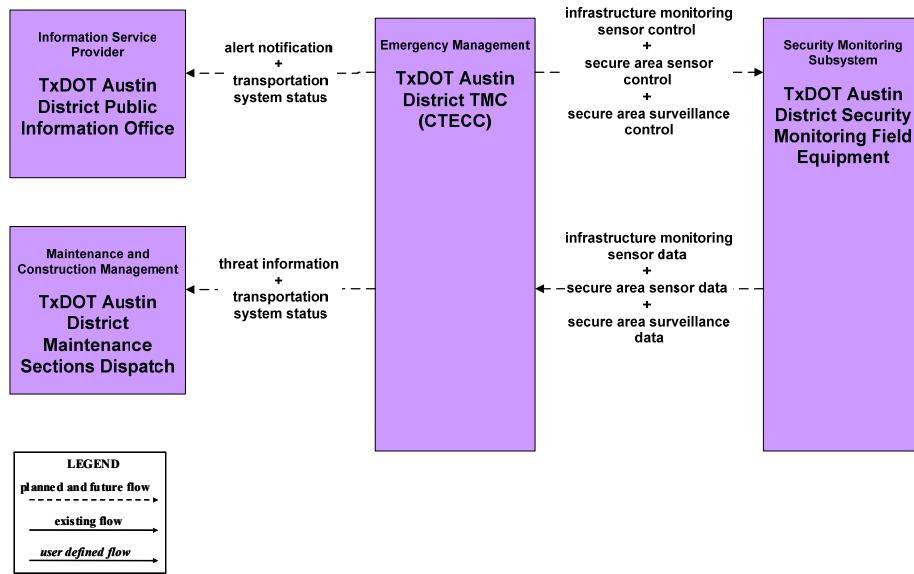
**Figure C129 – EM04 – Roadway Service Patrols  
TxDOT Austin District HERO (1 of 2)**



**Figure C130 – EM04 – Roadway Service Patrols  
TxDOT Austin District HERO (2 of 2)**



**Figure C131 – EM05 – Transportation Infrastructure Protection  
TxDOT Austin District TMC (CTECC) (1 of 2)**



**Figure C132 – EM05 – Transportation Infrastructure Protection  
TxDOT Austin District TMC (CTECC) (2 of 2)**

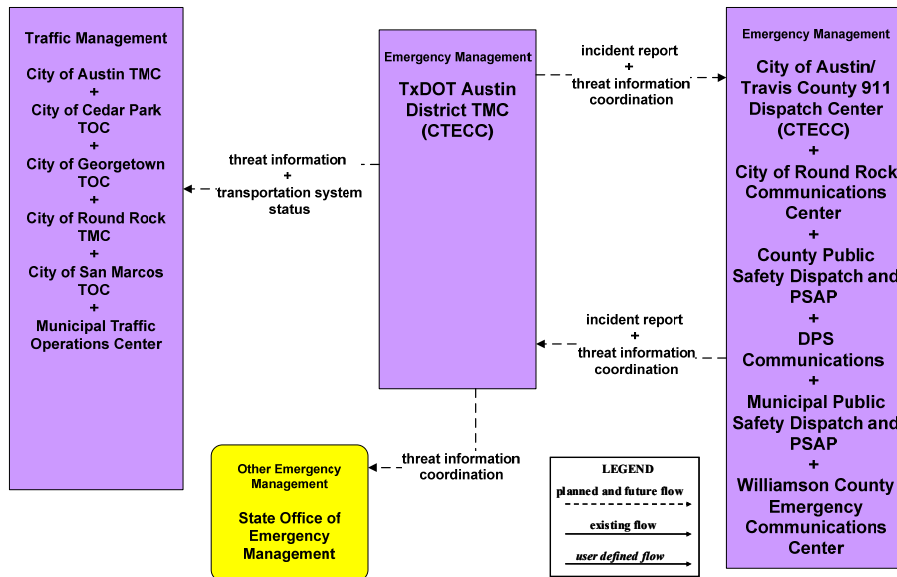


Figure C133 – EM06 – Wide Area Alert  
Statewide Amber Alert (1 of 2)

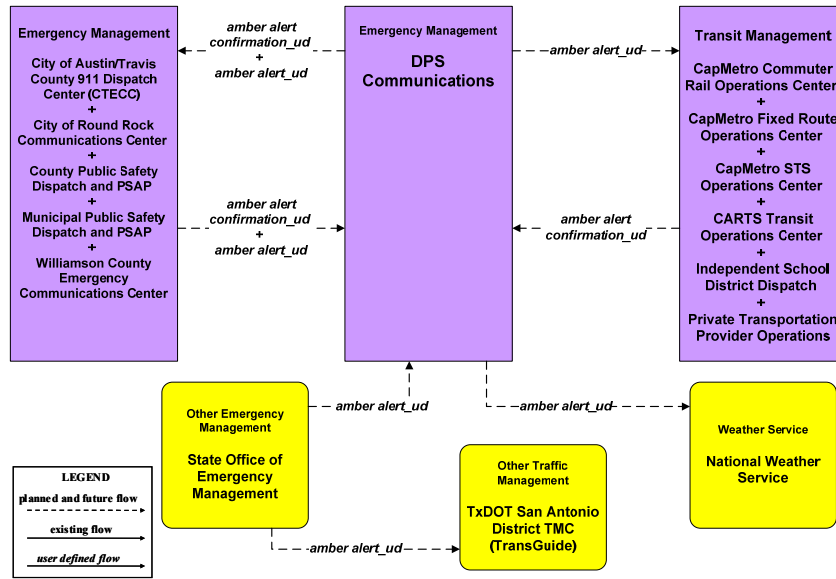


Figure C134 – EM06 – Wide Area Alert  
Statewide Amber Alert (2 of 2)

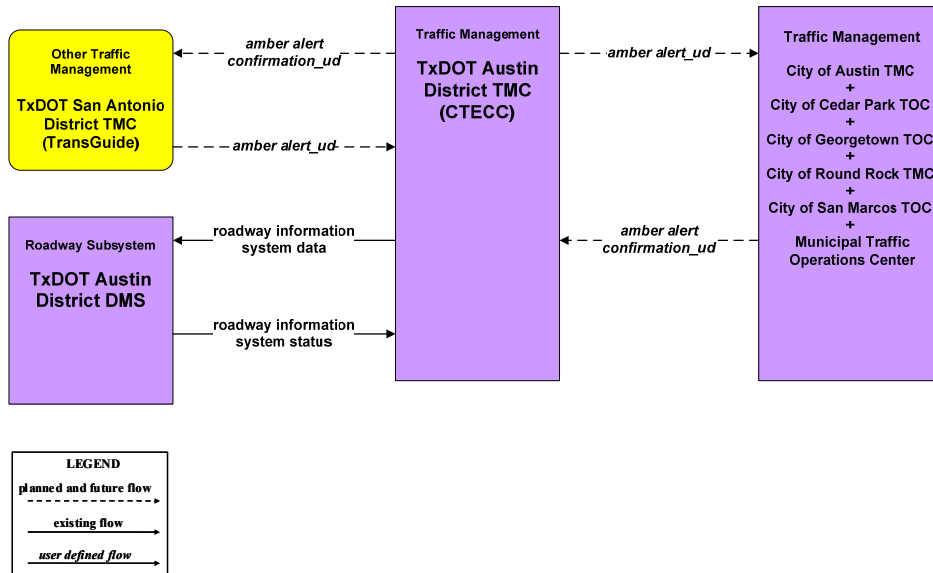


Figure C135 – EM06 – Wide Area Alert Austin/Travis County EOC (CTECC)

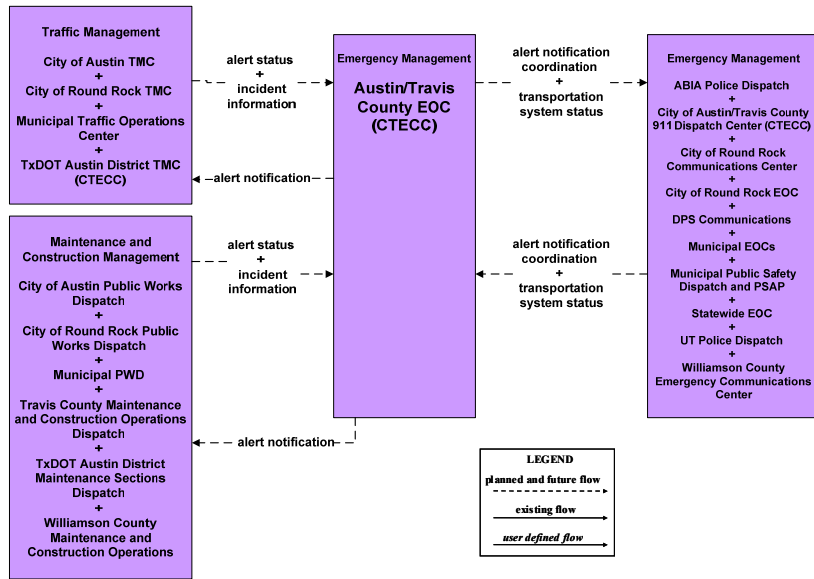


Figure C136 – EM06 – Wide Area Alert Williamson County EOC

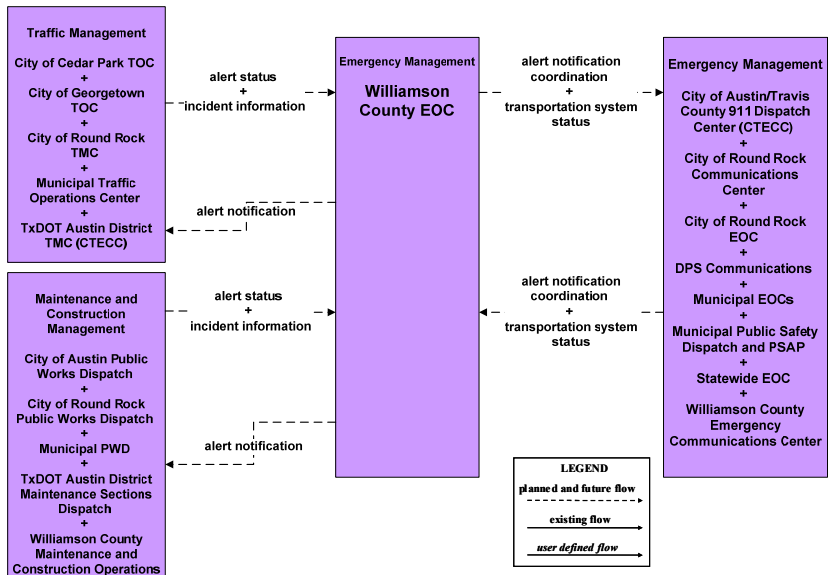


Figure C137 – EM06 – Wide Area Alert County EOC

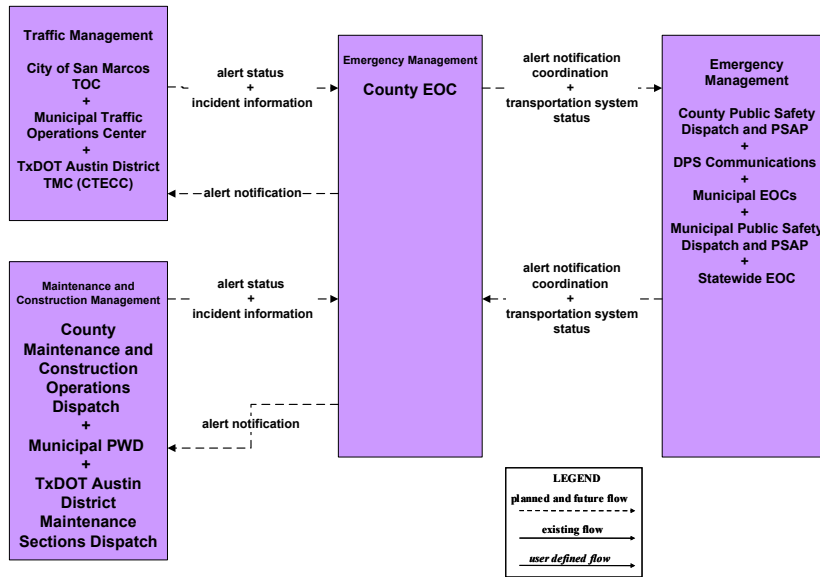
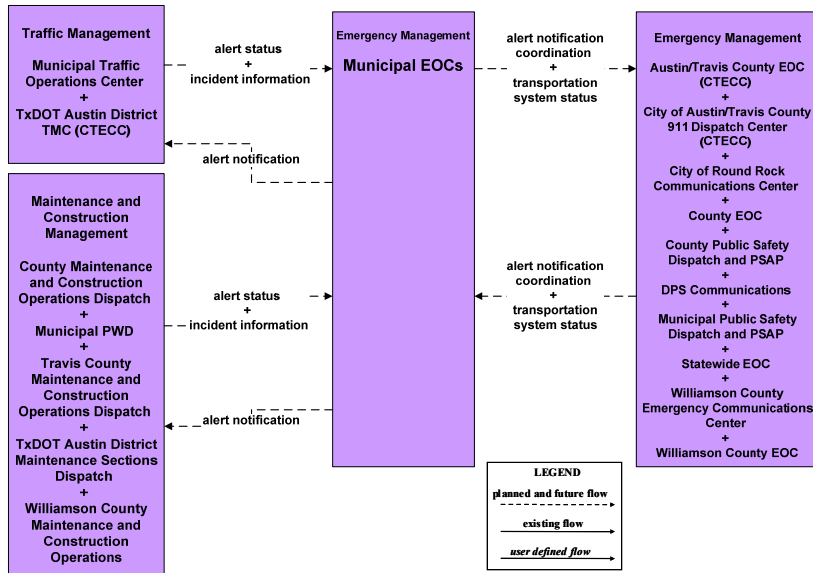
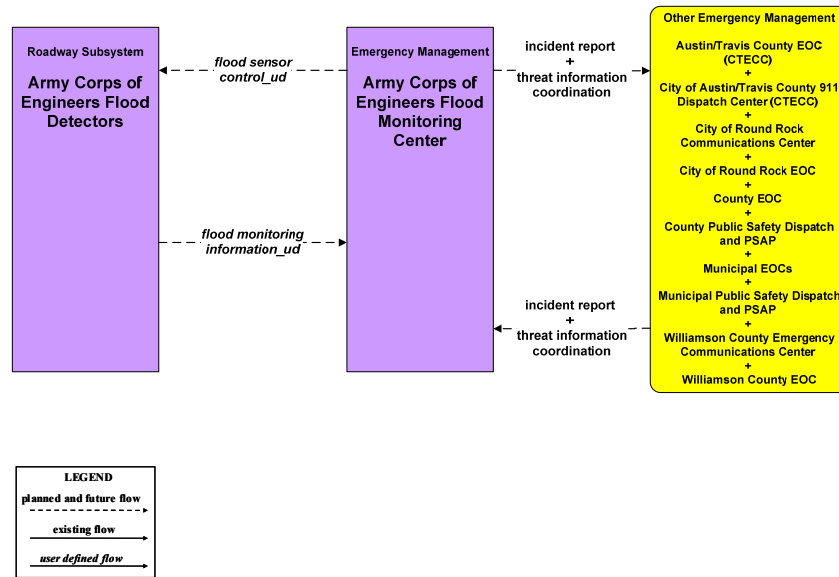


Figure C138 – EM06 – Wide Area Alert Municipal EOCs



**Figure C139 – EM07 – Early Warning System  
Army Corps of Engineers – Flood Monitoring System**



**Figure C140 – EM07 – Early Warning System  
USGS – Flood Information Dissemination**

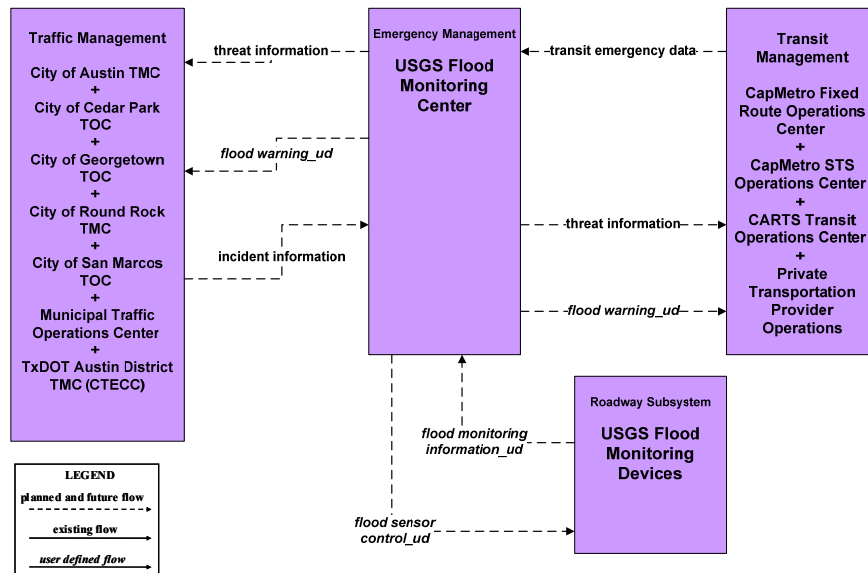


Figure C141 – EM07 – Early Warning System  
LCRA – Flood Information Dissemination

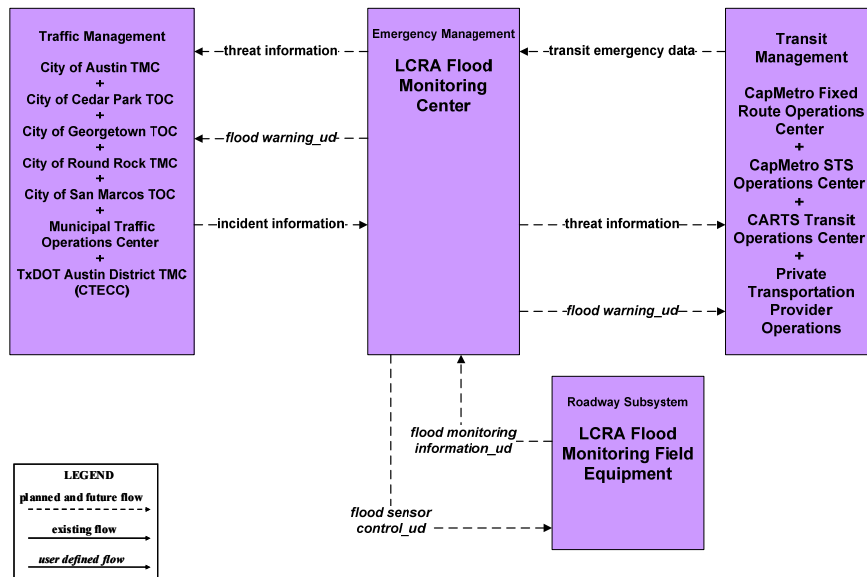


Figure C142 – EM07 – Early Warning System  
Flood Monitoring – TxDOT (1 of 2)

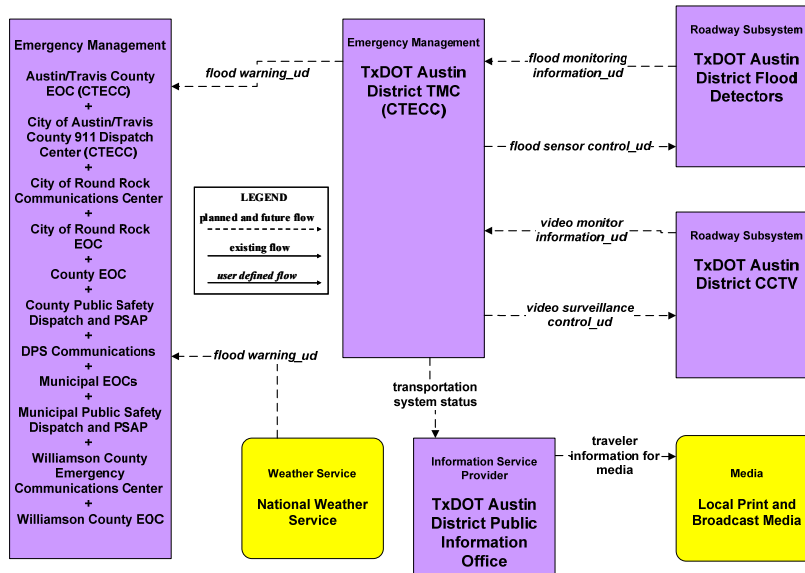




Figure C143 – EM07 – Early Warning System  
Flood Monitoring – TxDOT (2 of 2)

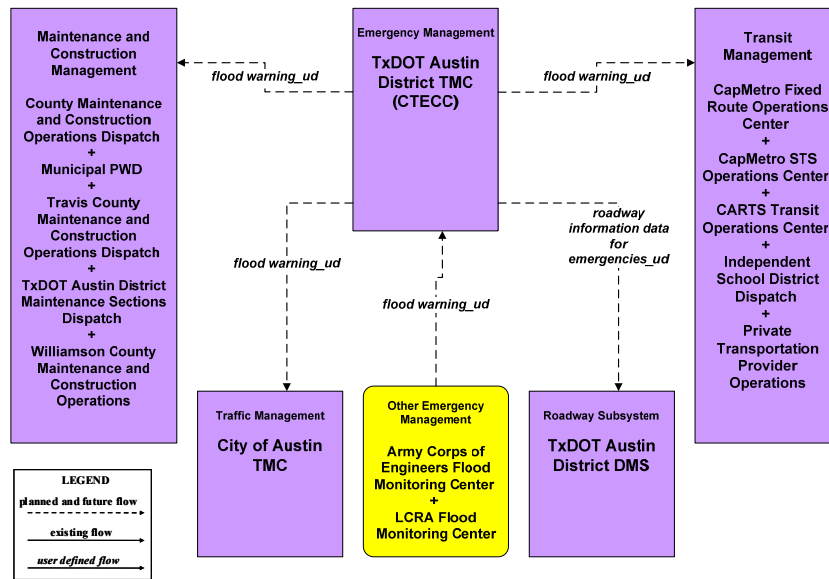


Figure C144 – EM07 – Early Warning System  
Flood Monitoring – City of Austin (1 of 2)

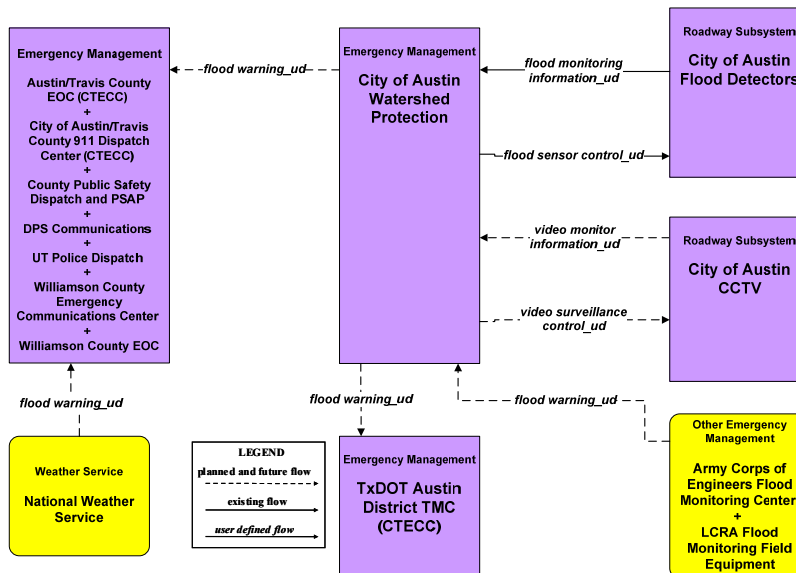


Figure C145 – EM07 – Early Warning System  
Flood Monitoring – City of Austin (2 of 2)

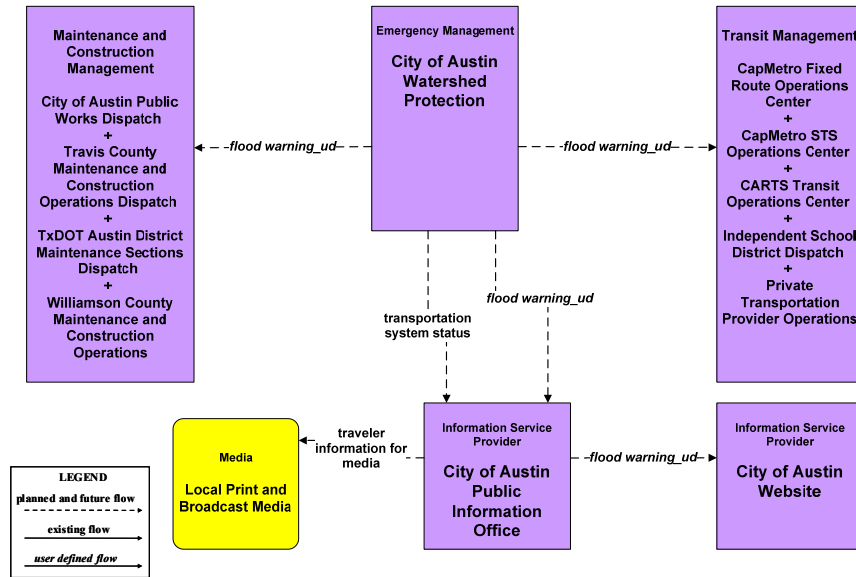


Figure C146 – EM07 – Early Warning System  
Flood Monitoring – City of Georgetown (1 of 2)

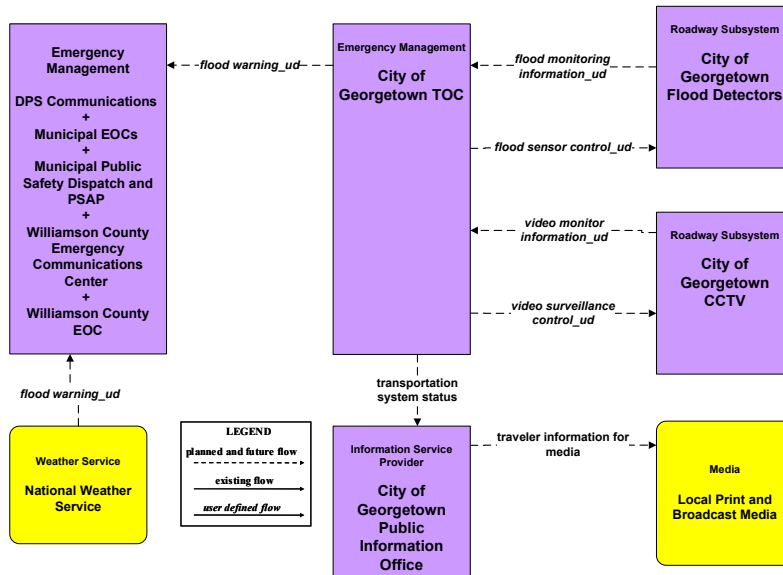


Figure C147 – EM07 – Early Warning System  
Flood Monitoring – City of Georgetown (2 of 2)

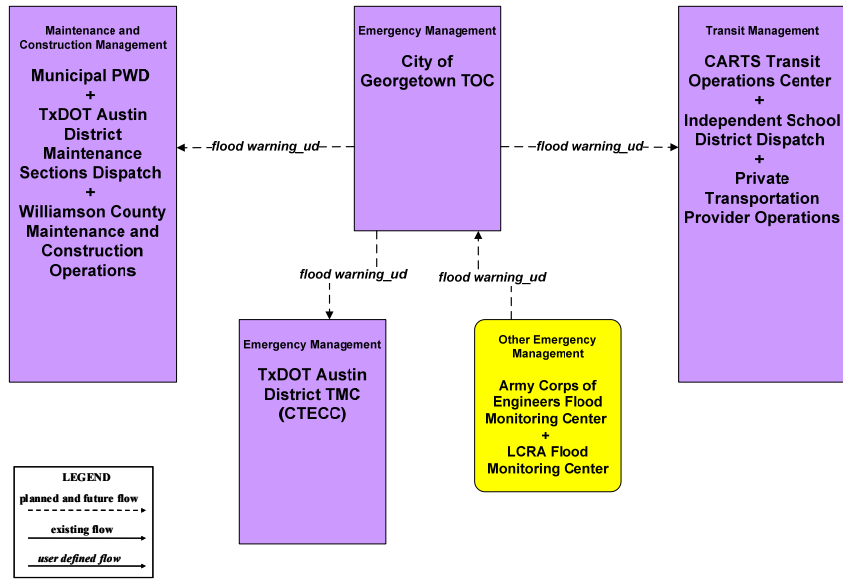


Figure C148 – EM07 – Early Warning System  
Flood Monitoring – City of Round Rock (1 of 2)

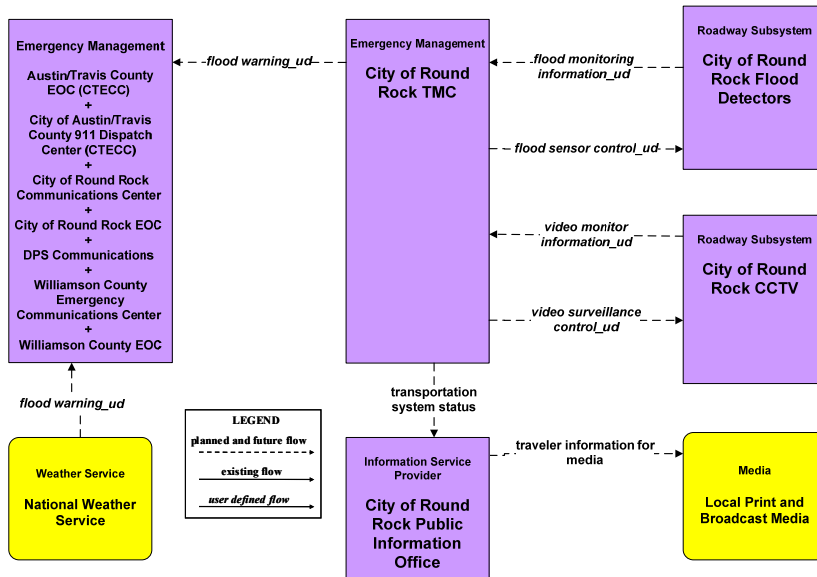


Figure C149 – EM07 – Early Warning System  
Flood Monitoring – City of Round Rock (2 of 2)

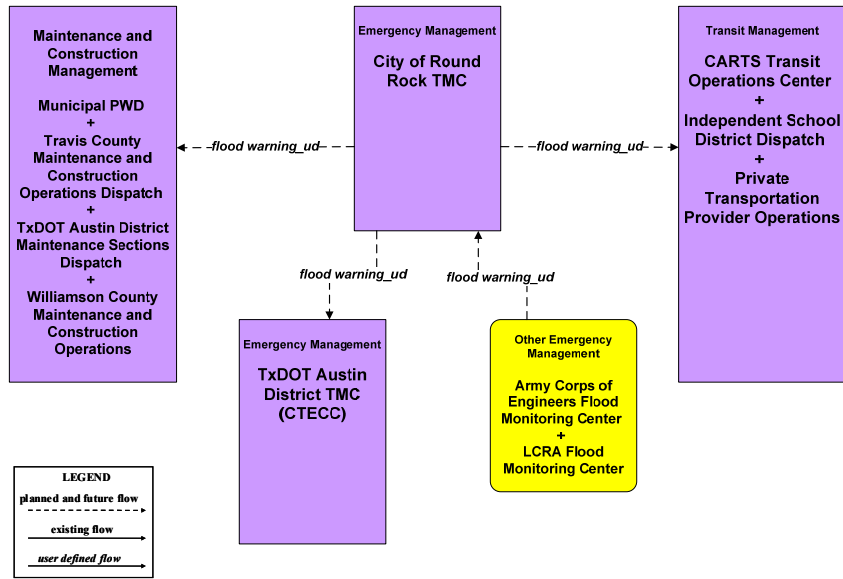


Figure C150 – EM07 – Early Warning System  
Flood Monitoring – City of San Marcos (1 of 2)

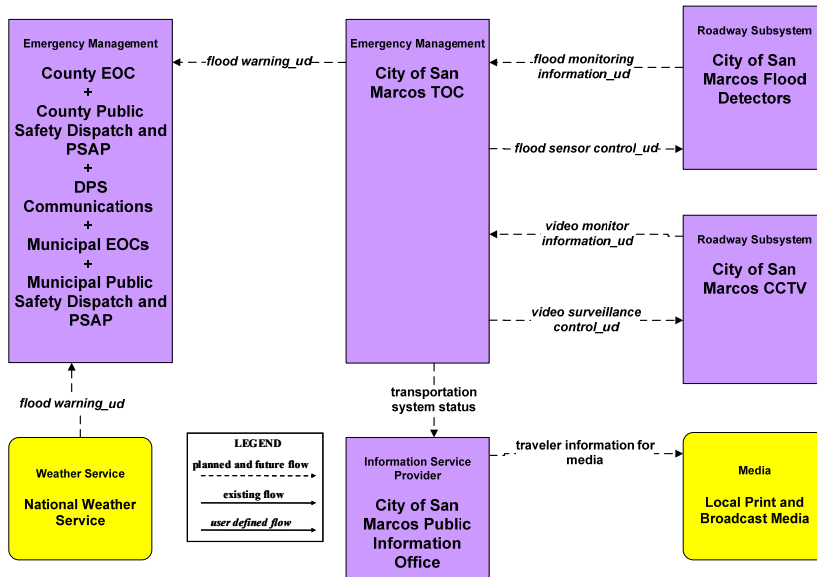


Figure C151 – EM07 – Early Warning System  
Flood Monitoring – City of San Marcos (2 of 2)

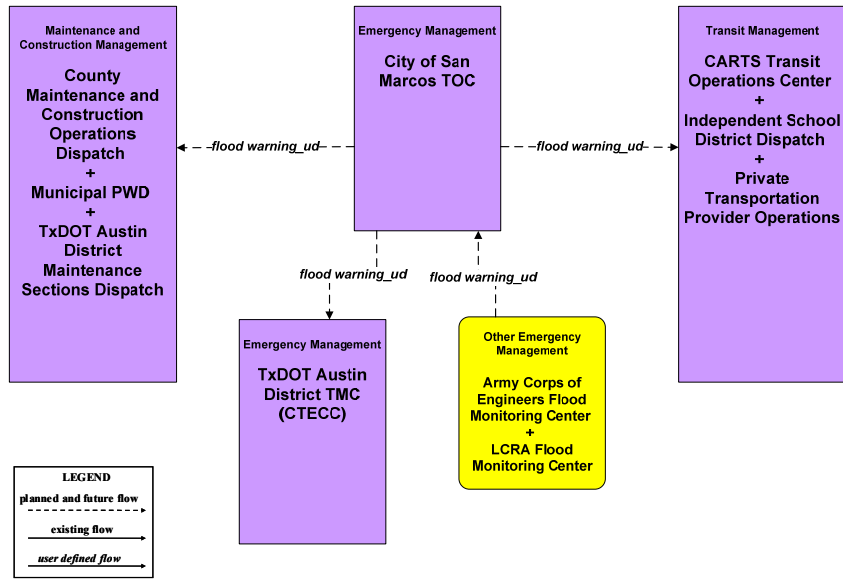
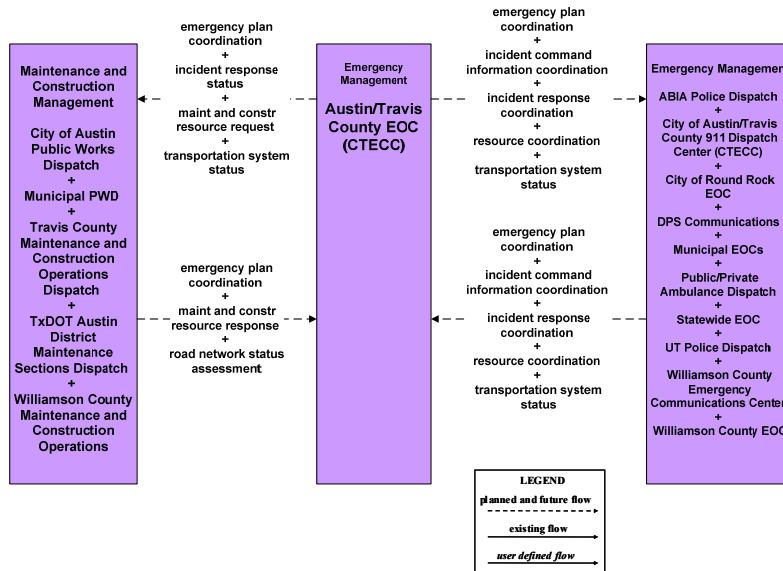
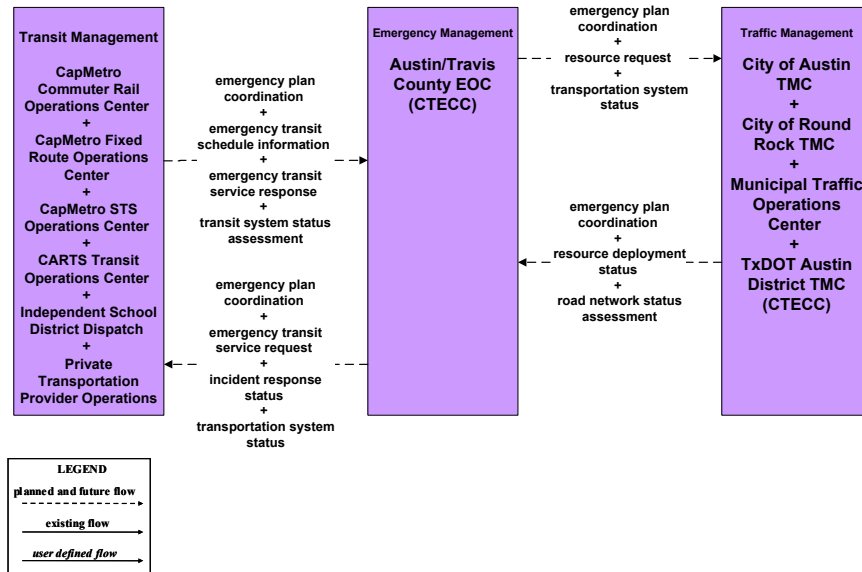


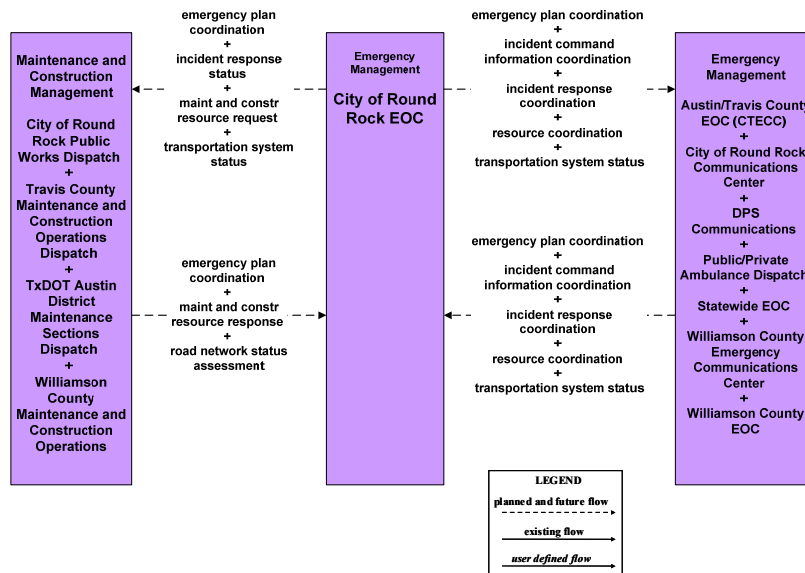
Figure C152 – EM08 – Disaster Response and Recovery  
Austin/Travis County EOC (CTECC) (1 of 2)



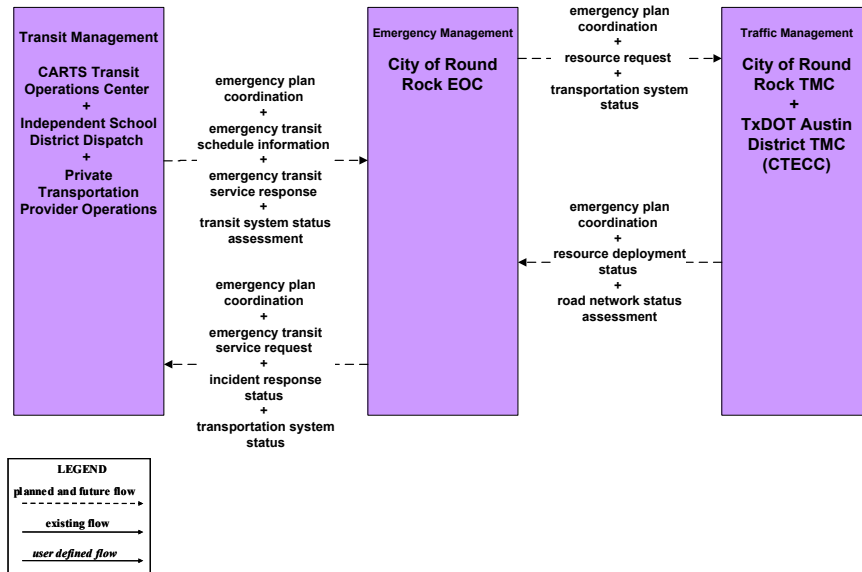
**Figure C153 – EM08 – Disaster Response and Recovery  
Austin/Travis County EOC (CTECC) (2 of 2)**



**Figure C154 – EM08 – Disaster Response and Recovery  
City of Round Rock EOC (1 of 2)**



**Figure C155 – EM08 – Disaster Response and Recovery  
City of Round Rock EOC (2 of 2)**



**Figure C156 – EM08 – Disaster Response and Recovery  
Municipal EOCs (1 of 2)**

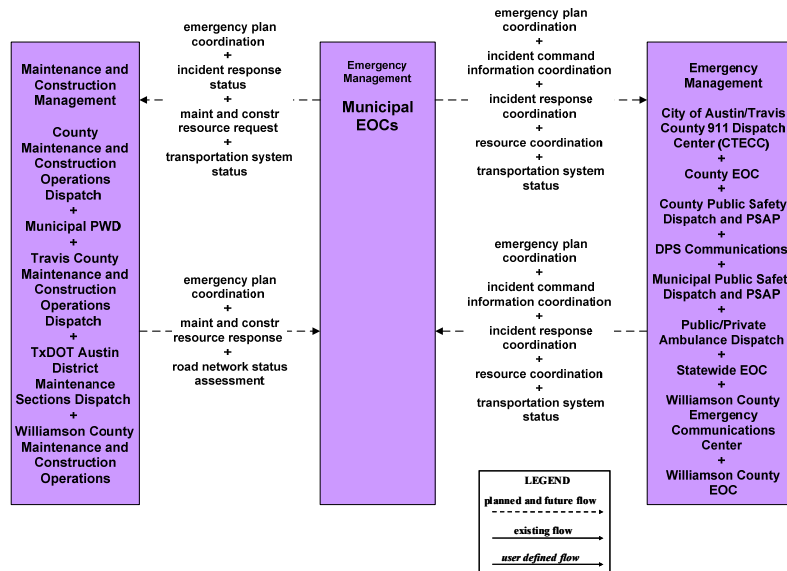


Figure C157 – EM08 – Disaster Response and Recovery  
Municipal EOCs (2 of 2)

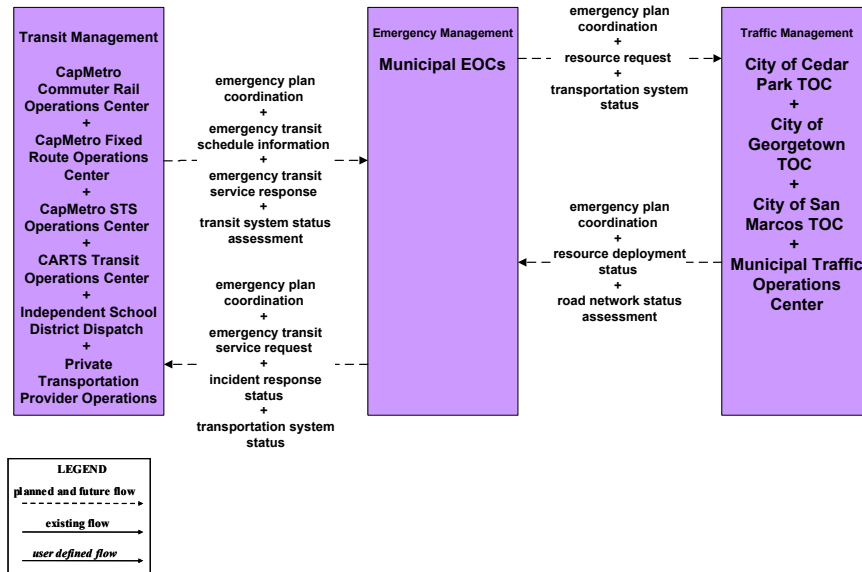


Figure C158 – EM08 – Disaster Response and Recovery  
Williamson County EOC (1 of 2)

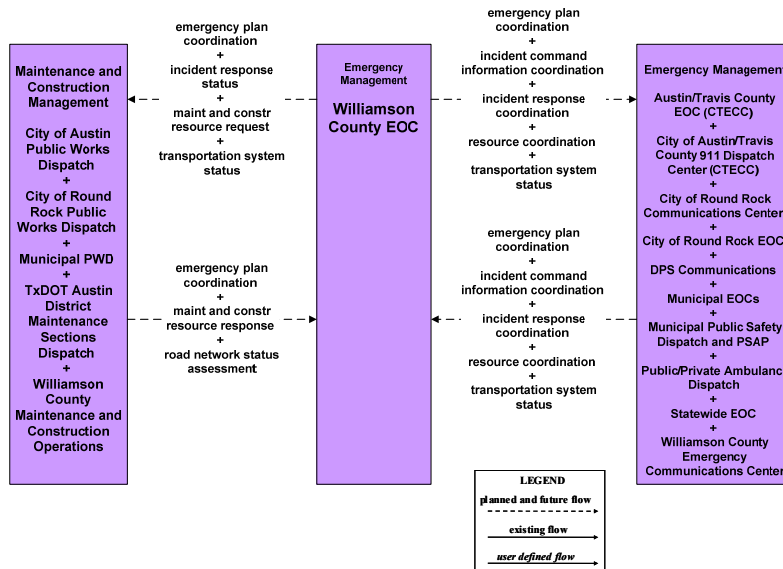




Figure C159 – EM08 – Disaster Response and Recovery  
Williamson County EOC (2 of 2)

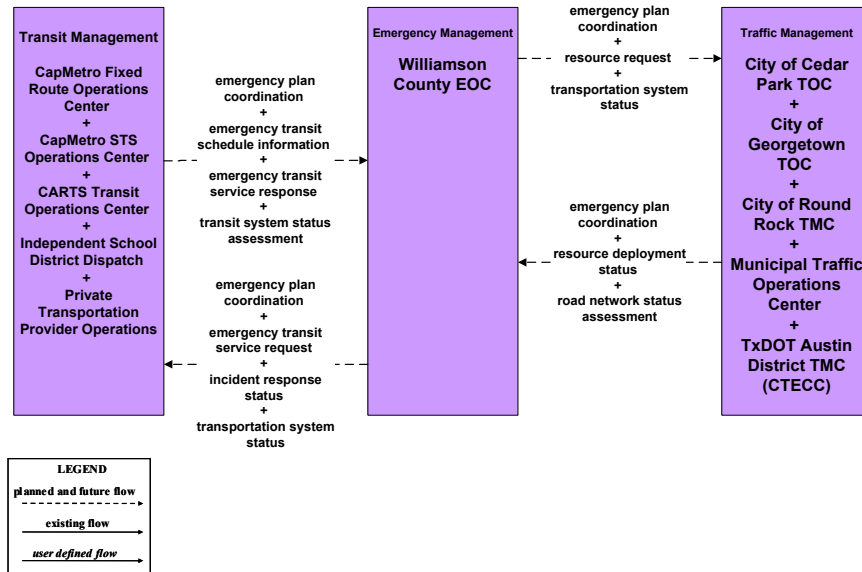


Figure C160 – EM08 – Disaster Response and Recovery  
County EOC (1 of 2)

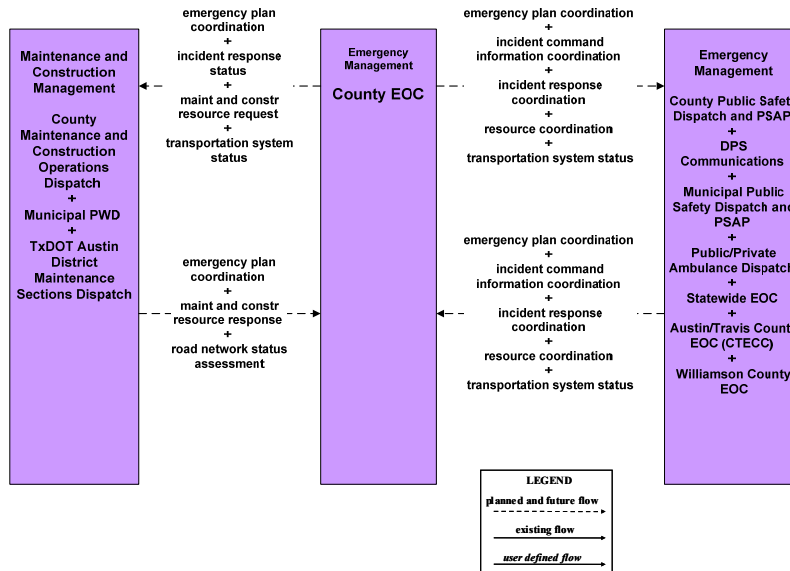


Figure C161 – EM08 – Disaster Response and Recovery  
County EOC (2 of 2)

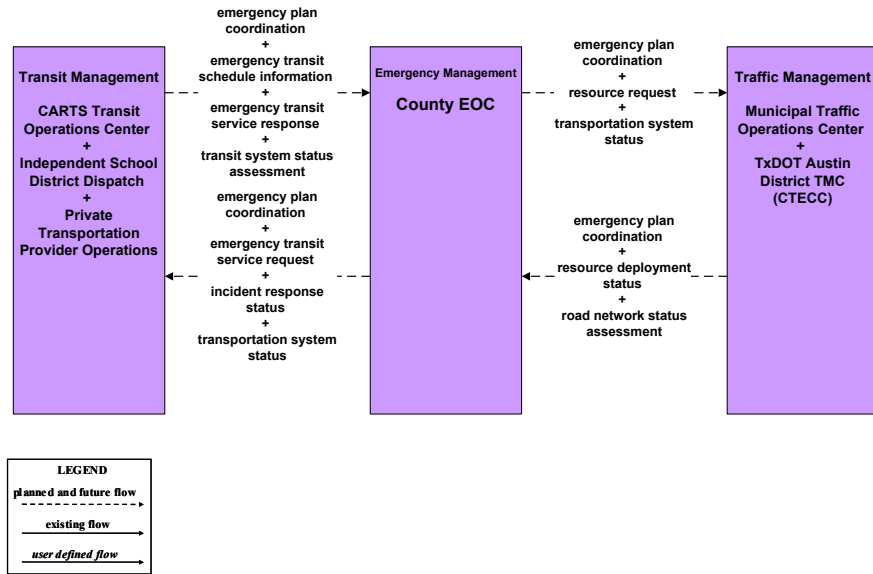
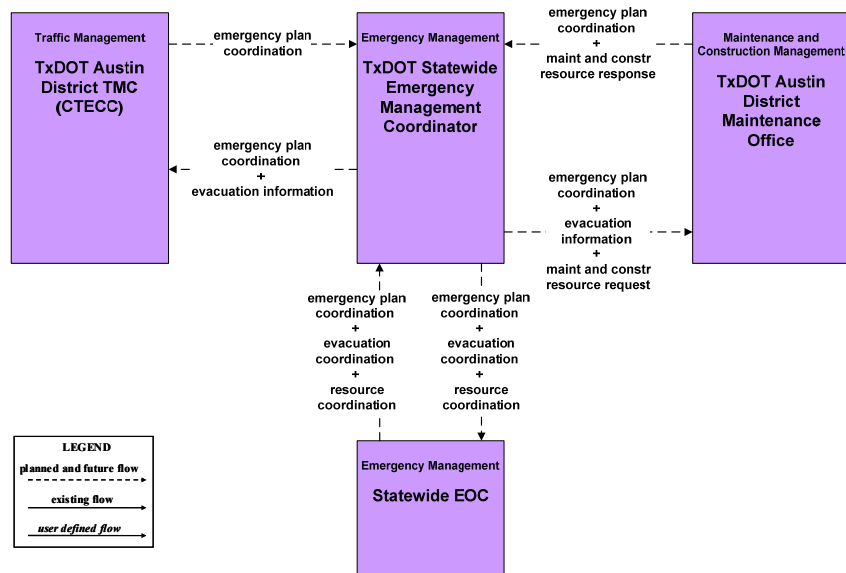
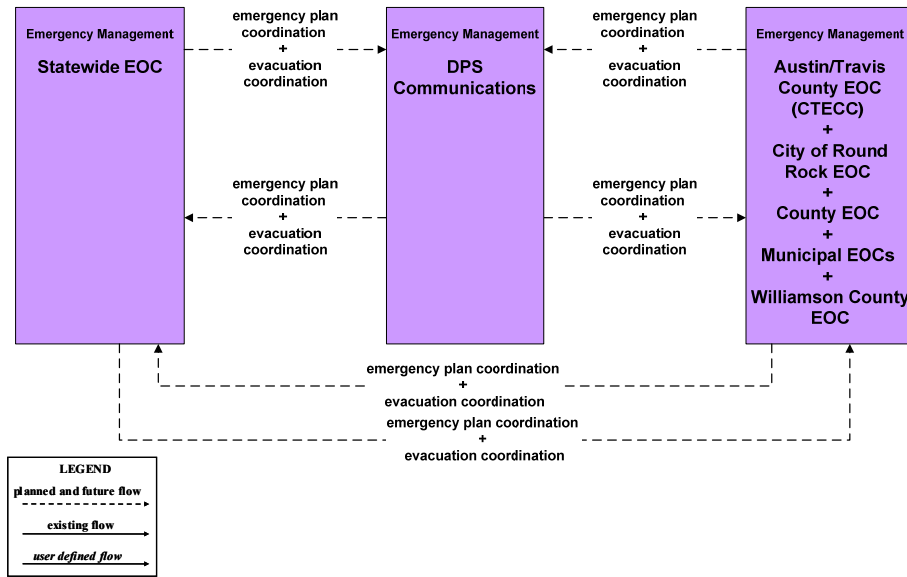


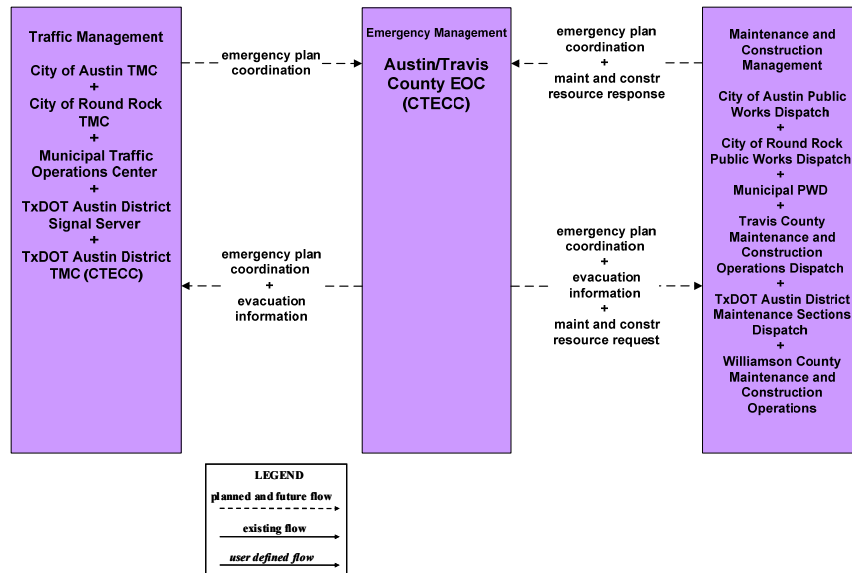
Figure C162 – EM09 – Evacuation and Reentry Management  
Statewide EOC – TxDOT Coordination



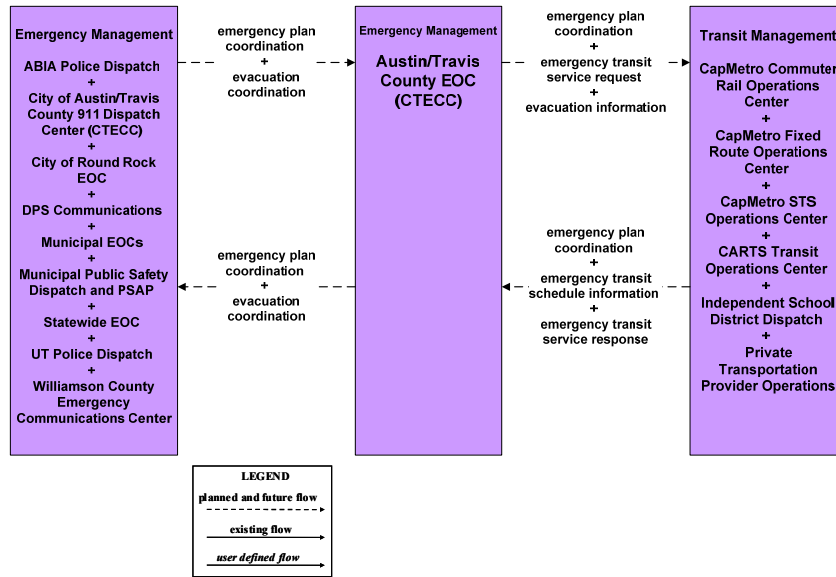
**Figure C163 – EM09 – Evacuation and Reentry Management  
Statewide EOC – Local Coordination**



**Figure C164 – EM09 – Evacuation and Reentry Management  
Austin/Travis County EOC (CTECC) (1 of 2)**



**Figure C165 – EM09 – Evacuation and Reentry Management  
Austin/Travis County EOC (CTECC) (2 of 2)**



**Figure C166 – EM09 – Evacuation and Reentry Management  
City of Round Rock EOC**

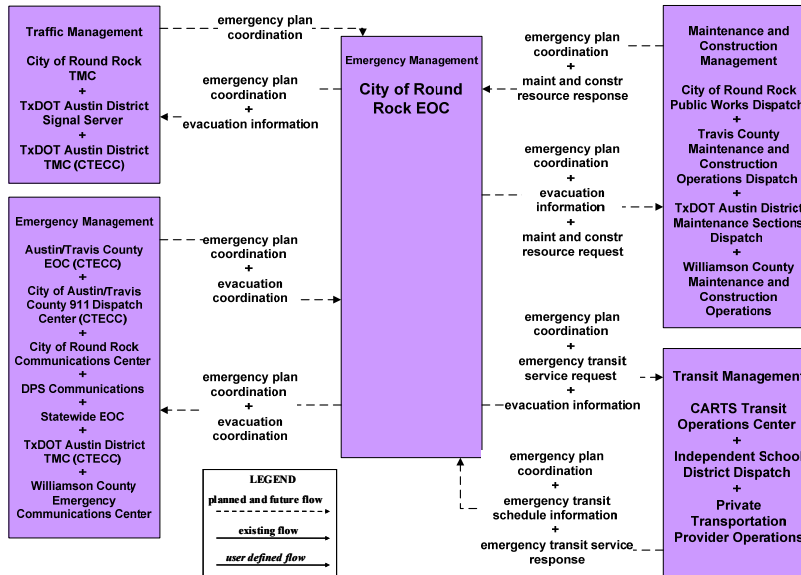


Figure C167 – EM09 – Evacuation and Reentry Management  
Municipal EOCs (1 of 2)

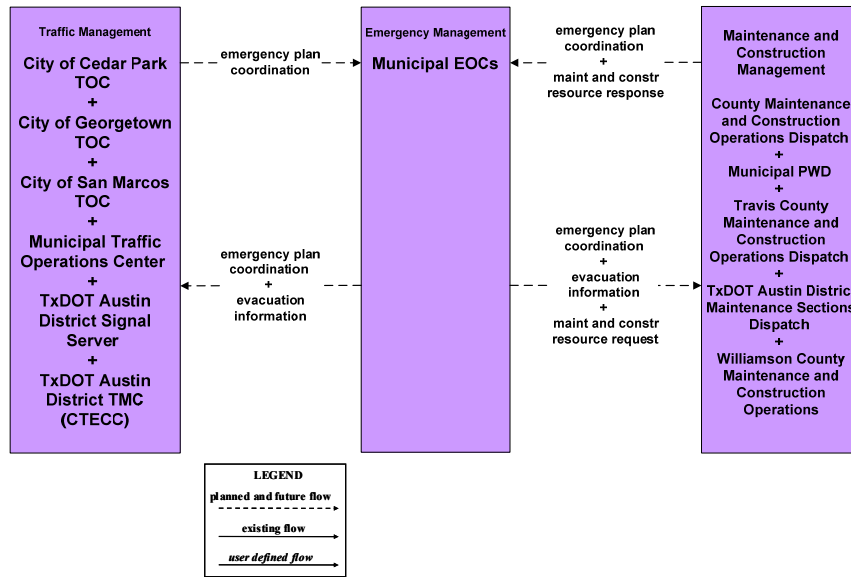


Figure C168 – EM09 – Evacuation and Reentry Management  
Municipal EOCs (2 of 2)

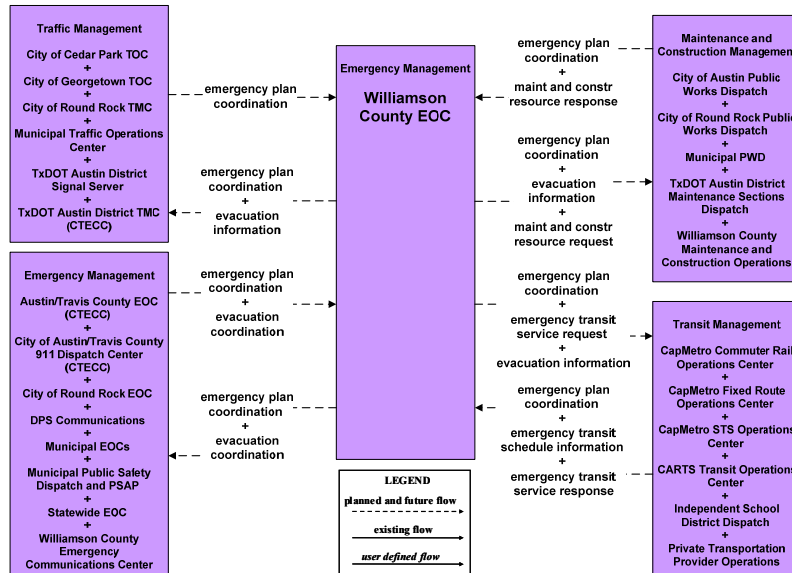


Figure C169 – EM09 – Evacuation and Reentry Management  
Williamson County EOC

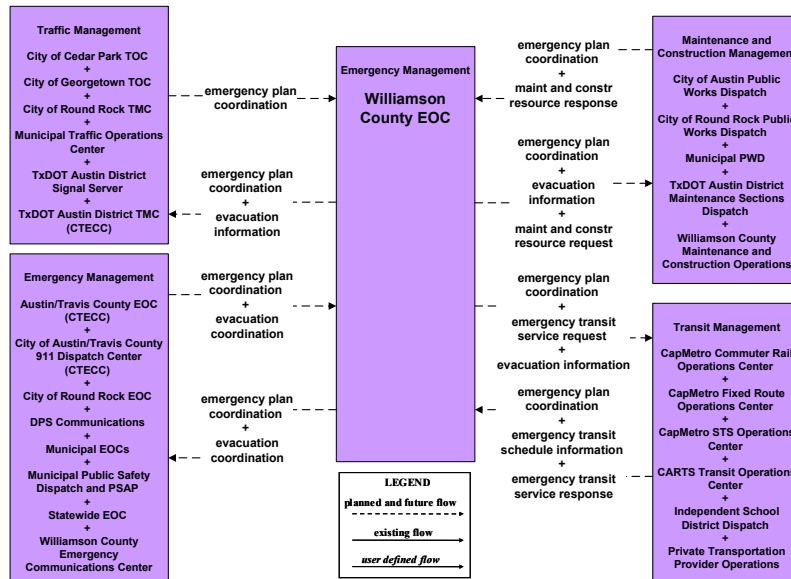
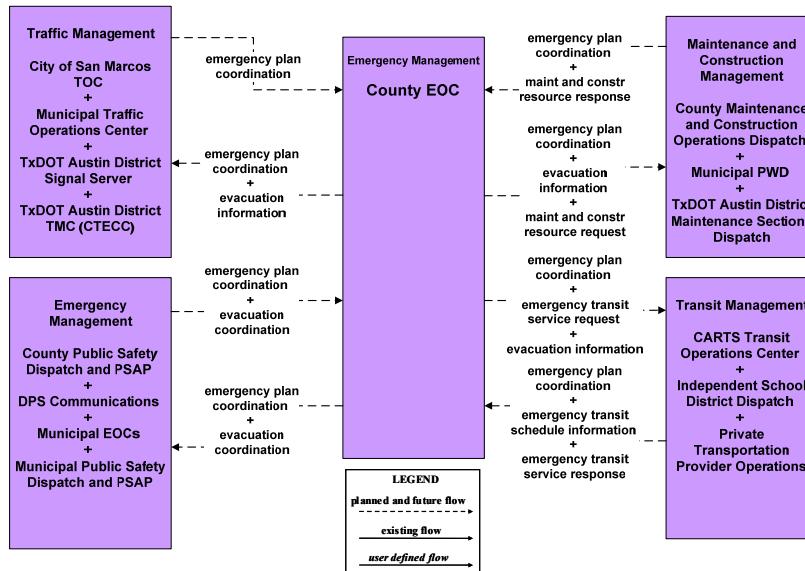
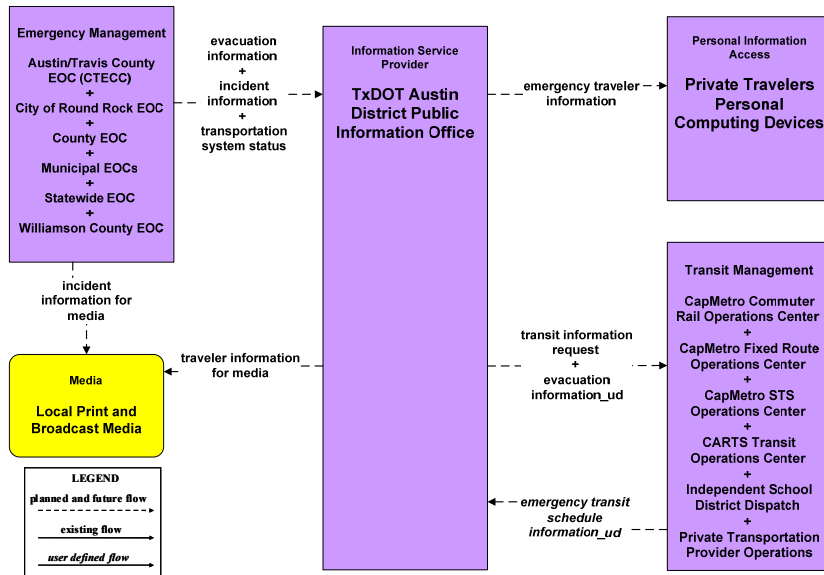


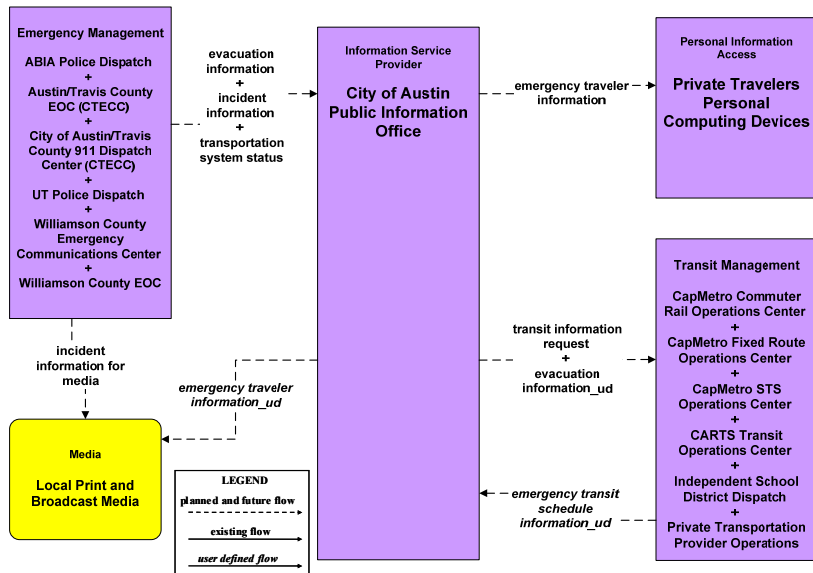
Figure C170 – EM09 – Evacuation and Reentry Management  
County EOC



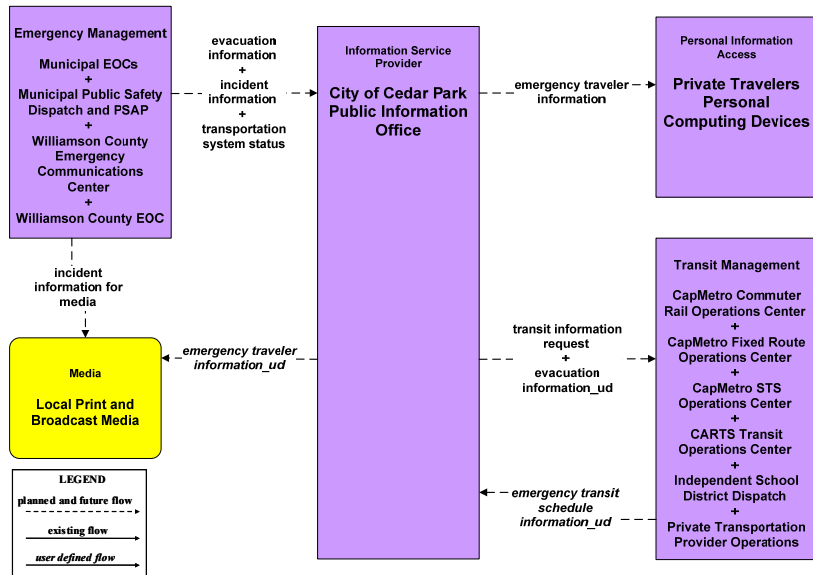
**Figure C171 – EM10 – Disaster Traveler Information  
TxDOT Austin District Public Information Office**



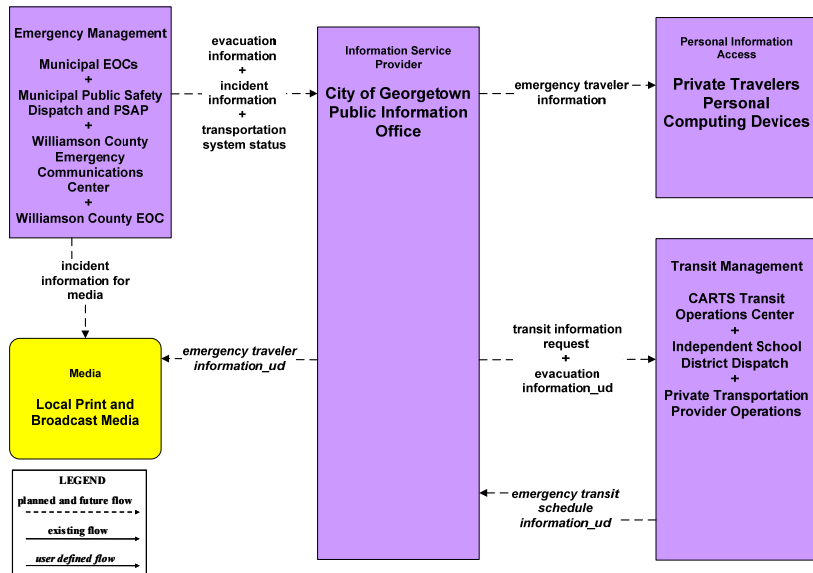
**Figure C172 – EM10 – Disaster Traveler Information  
City of Austin Public Information Office**



**Figure C173 – EM10 – Disaster Traveler Information  
City of Cedar Park Public Information Office**

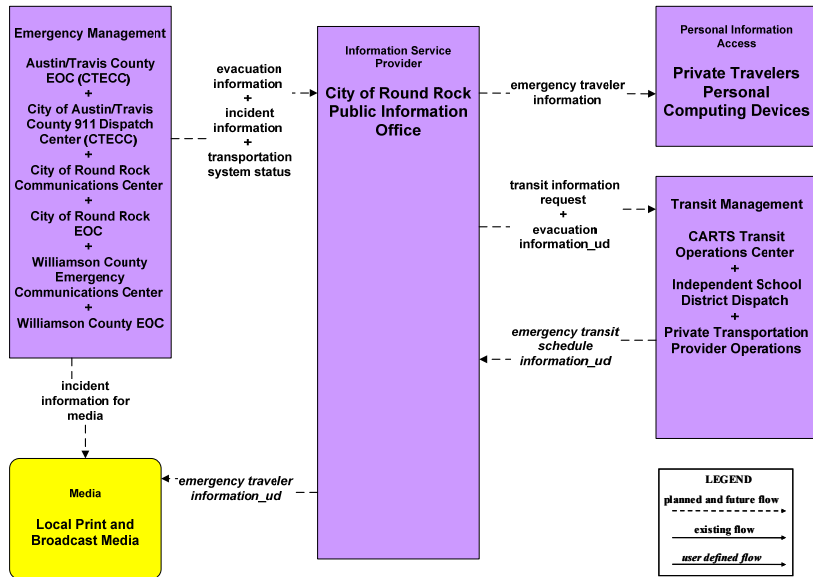


**Figure C174 – EM10 – Disaster Traveler Information  
City of Georgetown Public Information Office**

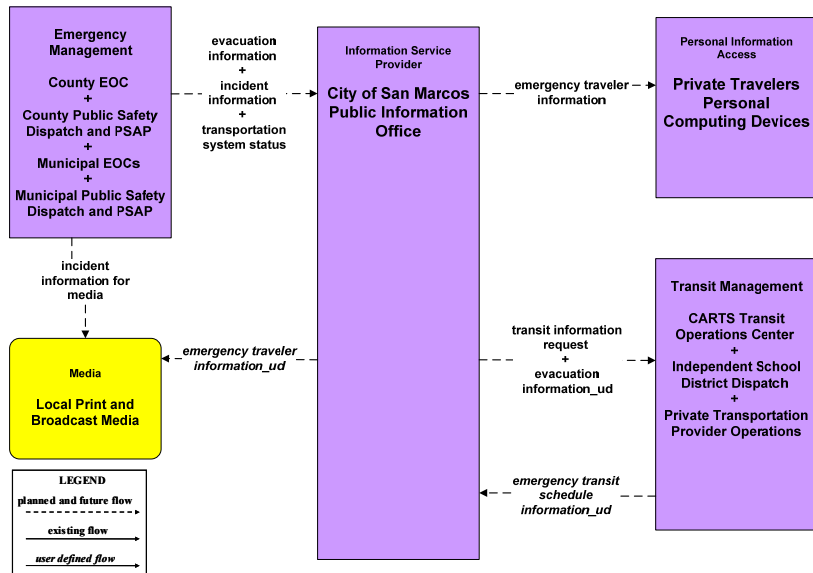




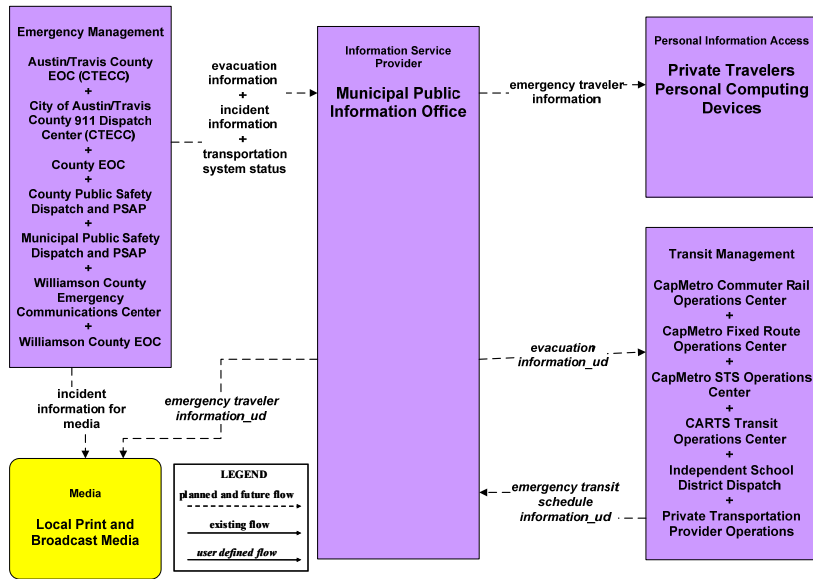
**Figure C175 – EM10 – Disaster Traveler Information  
City of Round Rock Public Information Office**



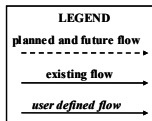
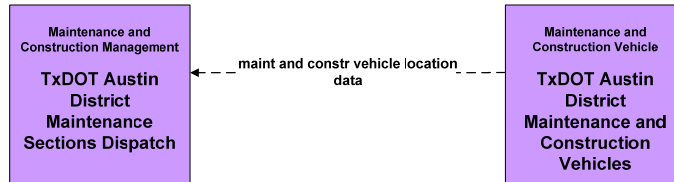
**Figure C176 – EM10 – Disaster Traveler Information  
City of San Marcos Public Information Office**



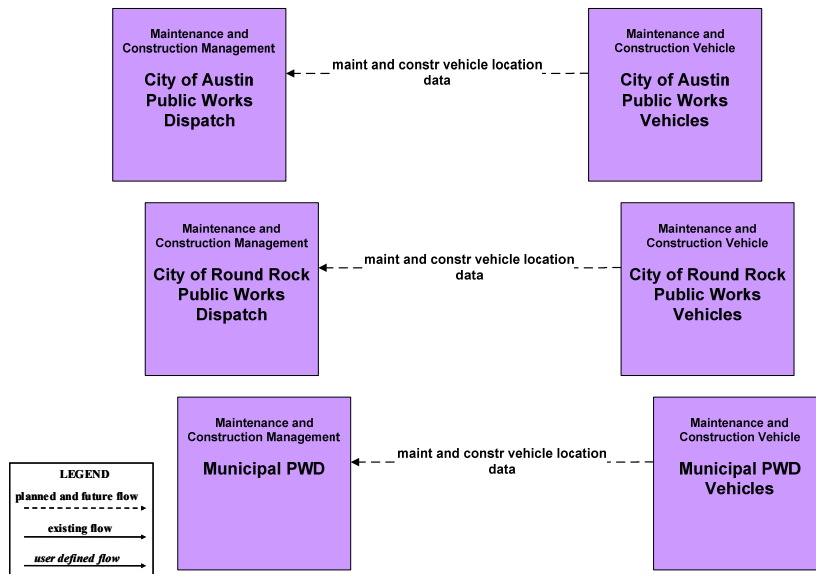
**Figure C177 – EM10 – Disaster Traveler Information  
Municipal Public Information Office**



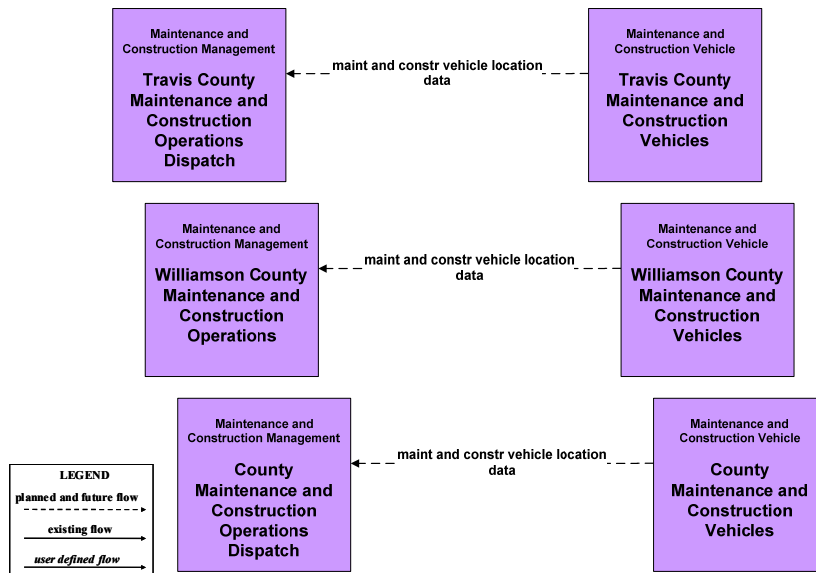
**Figure C178 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking  
TxDOT**



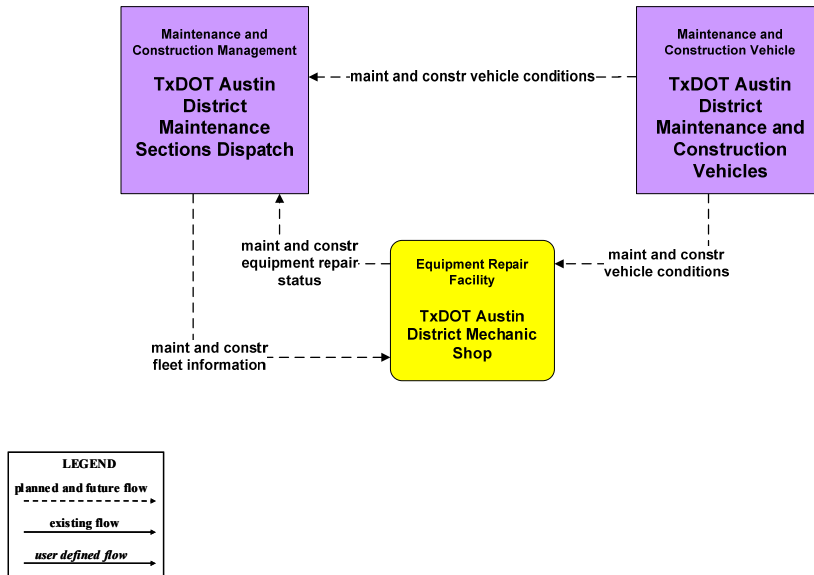
**Figure C179 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking  
Cities and Municipalities**



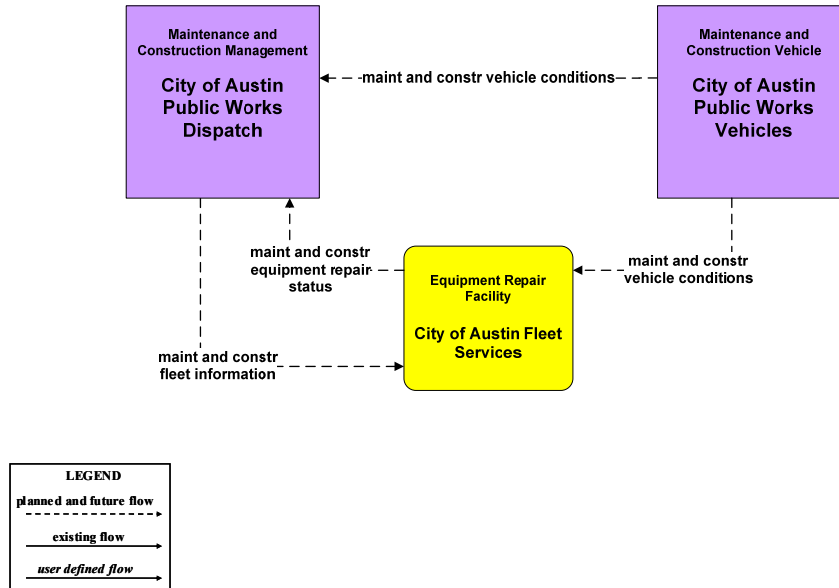
**Figure C180 – MC01 – Maintenance and Construction Vehicle and Equipment Tracking  
Counties**



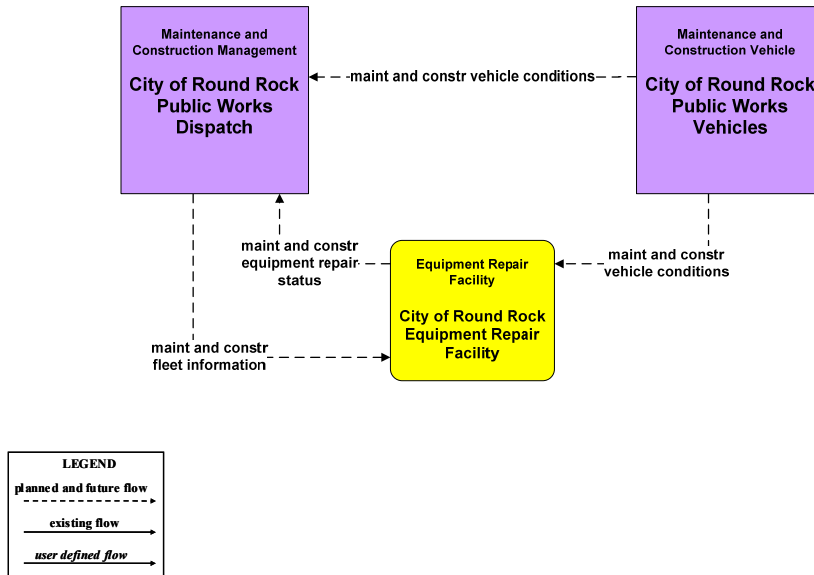
**Figure C181 – MC02 – Maintenance and Construction Vehicle Maintenance  
TxDOT Austin District Maintenance Sections**



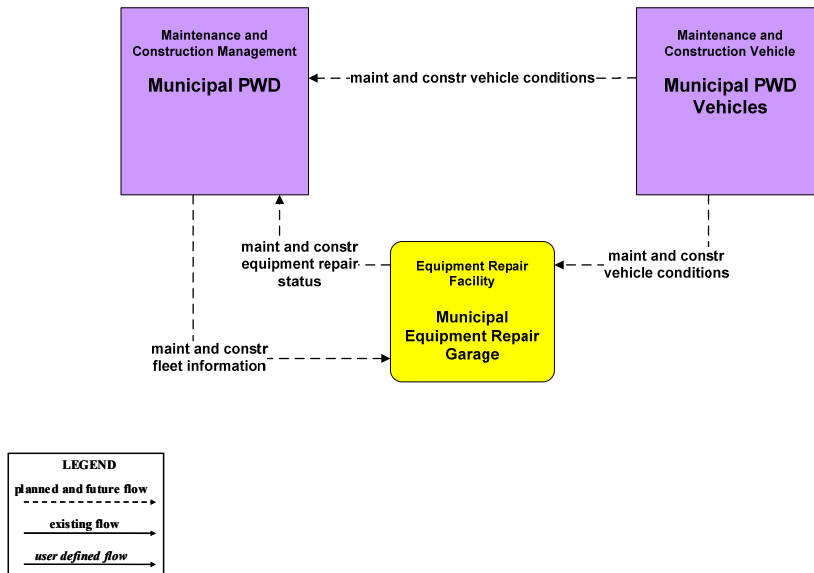
**Figure C182 – MC02 – Maintenance and Construction Vehicle Maintenance  
City of Austin Public Works Dispatch**



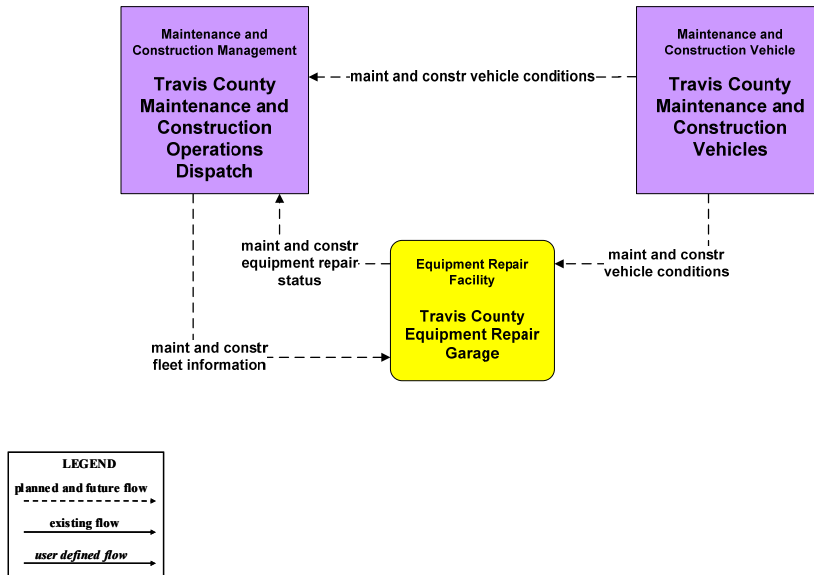
**Figure C183 – MC02 – Maintenance and Construction Vehicle Maintenance  
City of Round Rock Public Works Dispatch**



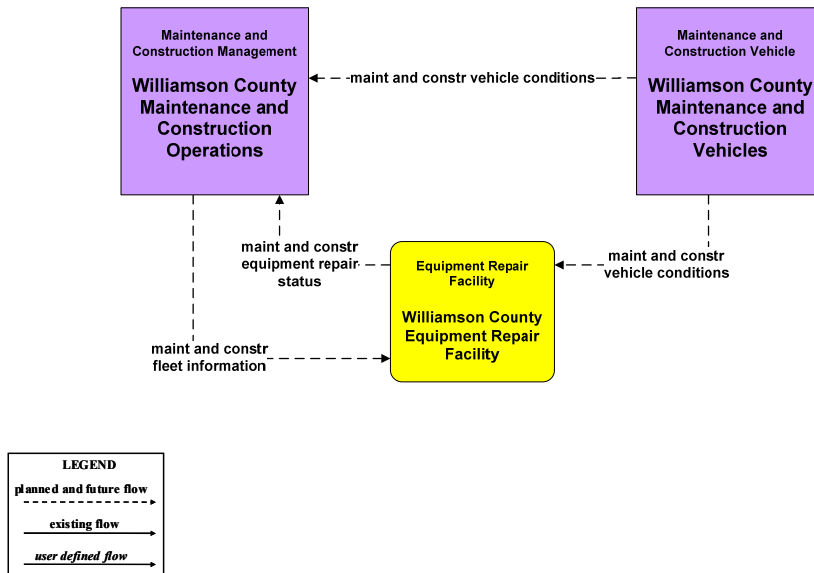
**Figure C184 – MC02 – Maintenance and Construction Vehicle Maintenance  
Municipal Public Works Dispatch**



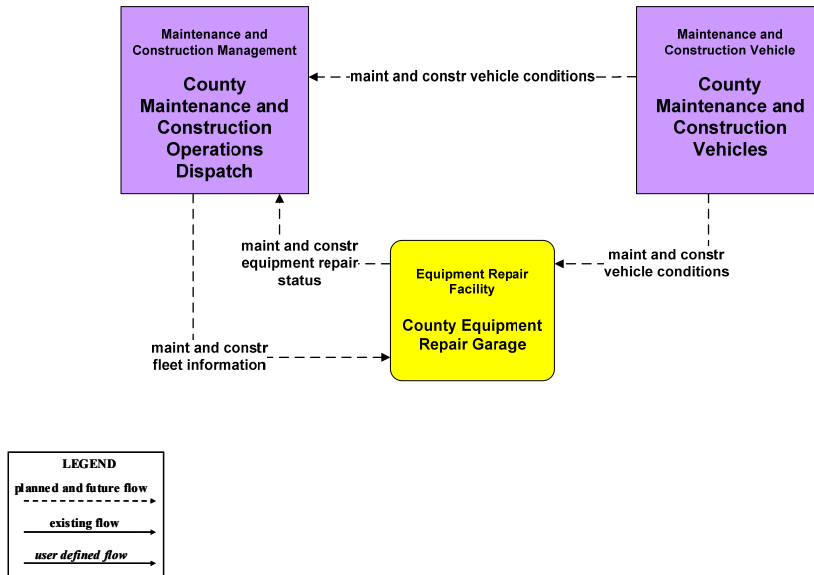
**Figure C185 – MC02 – Maintenance and Construction Vehicle Maintenance  
Travis County Maintenance and Construction**



**Figure C186 – MC02 – Maintenance and Construction Vehicle Maintenance  
Williamson County Maintenance and Construction**



**Figure C187 – MC02 – Maintenance and Construction Vehicle Maintenance  
County Maintenance and Construction**



**Figure C188 – MC03 – Road Weather Data Collection  
TxDOT**

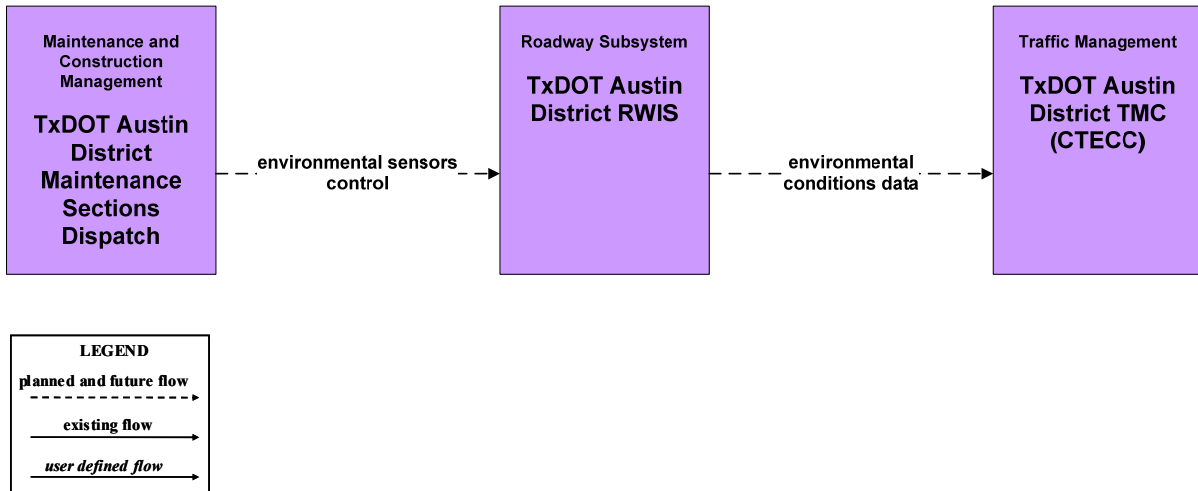


Figure C189 – MC04 – Weather Information Processing and Distribution TxDOT (1 of 2)

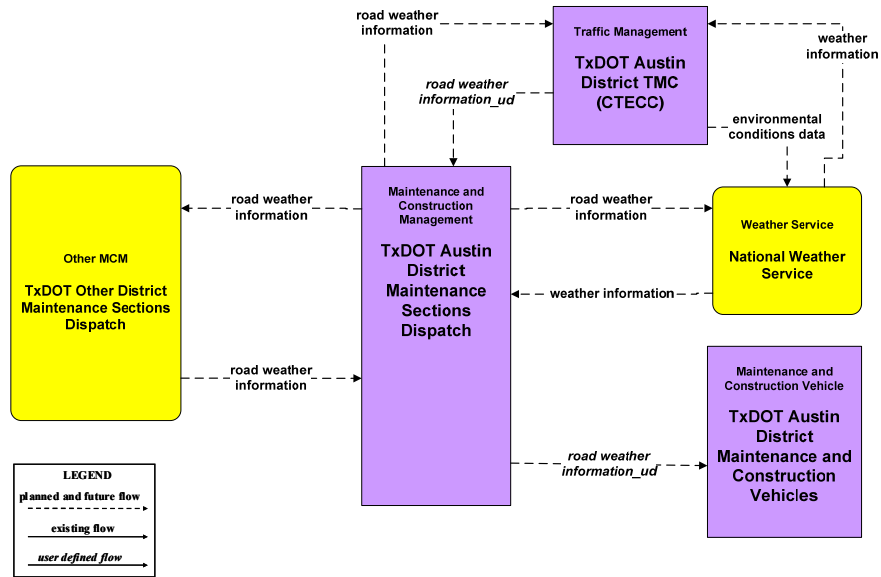


Figure C190 – MC04 – Weather Information Processing and Distribution TxDOT (2 of 2)

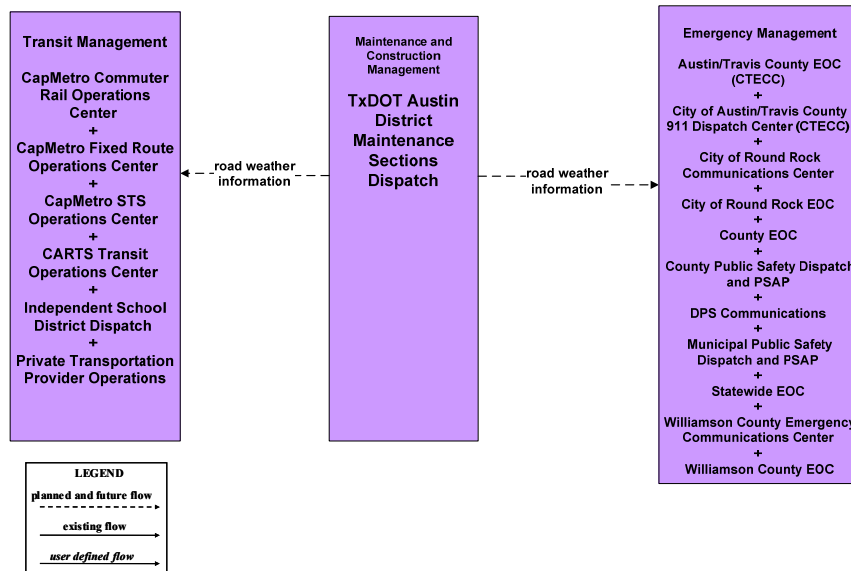




Figure C191 – MC07 – Roadway Maintenance and Construction  
TxDOT (1 of 2)

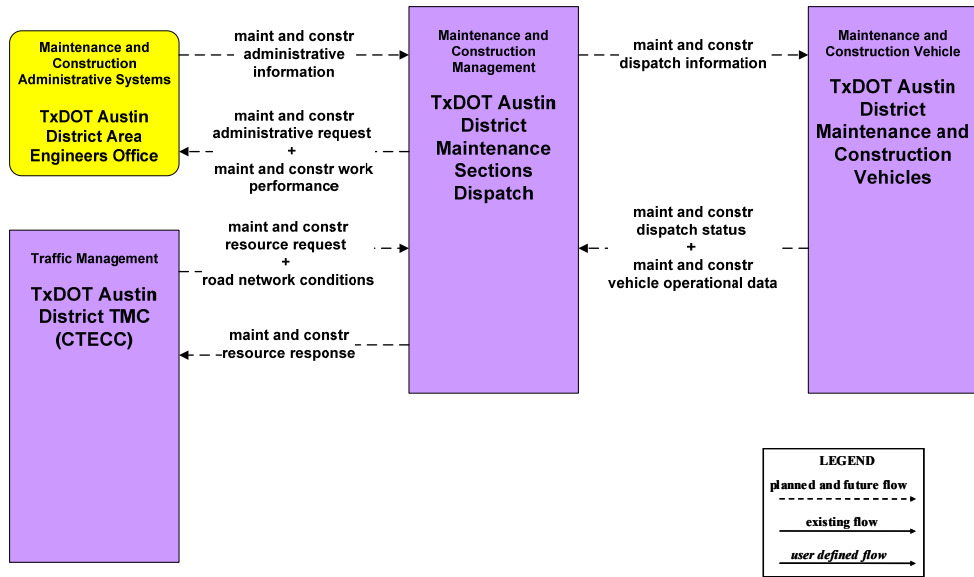
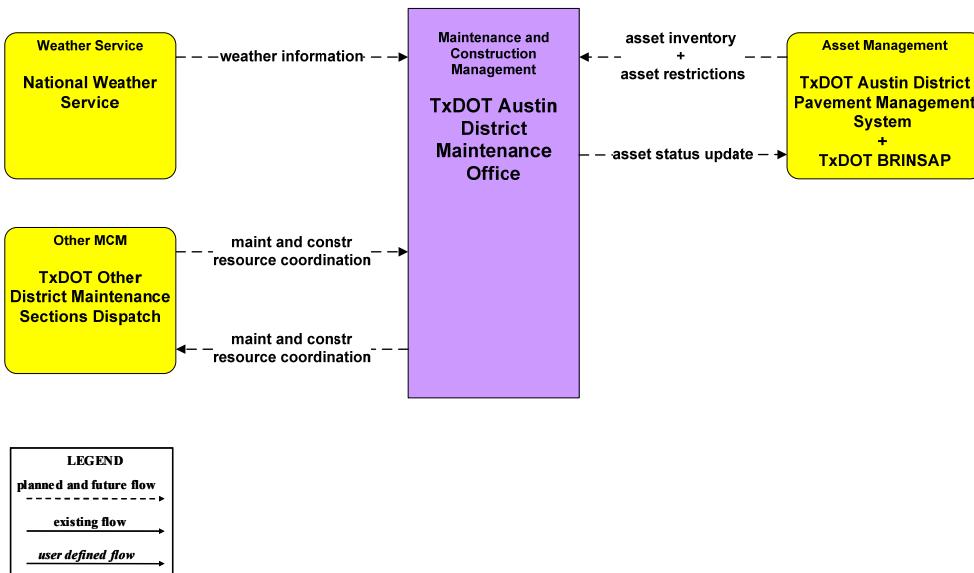
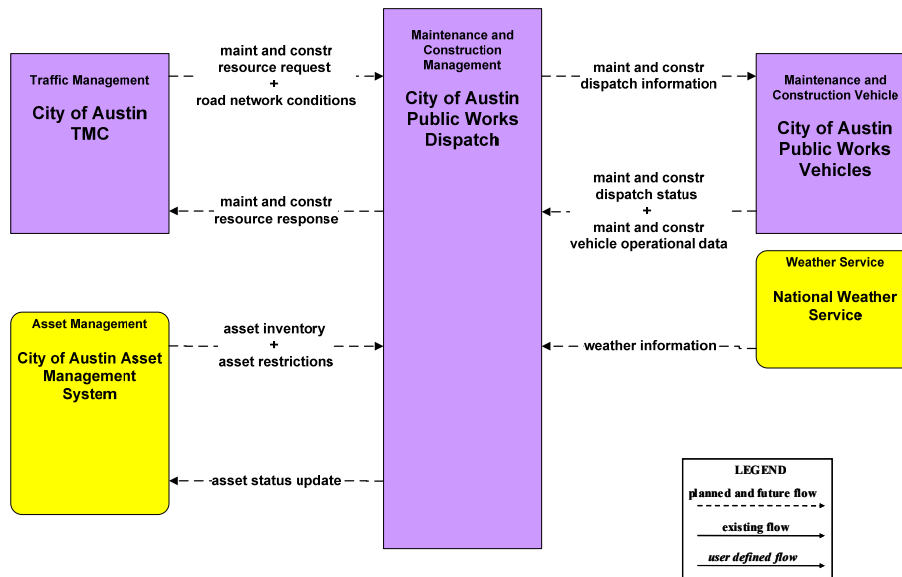


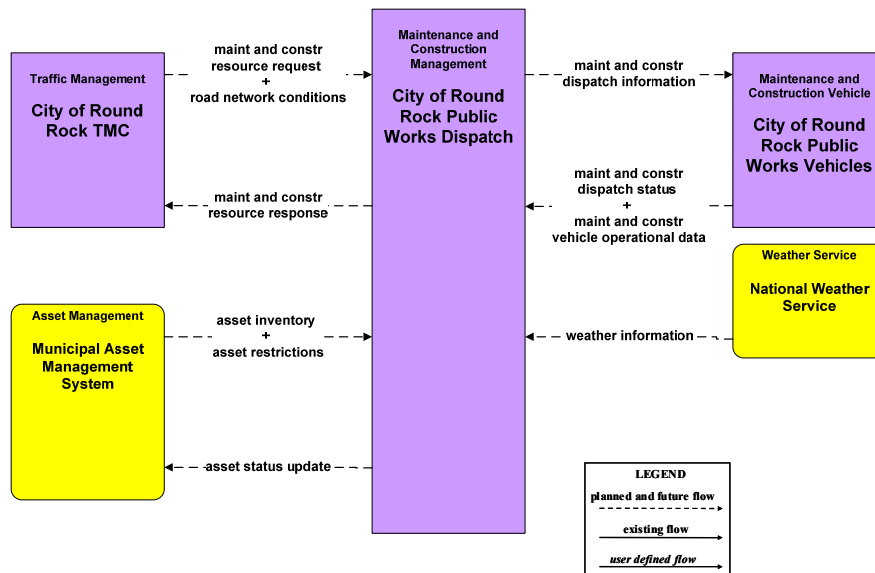
Figure C192 – MC07 – Roadway Maintenance and Construction  
TxDOT (2 of 2)



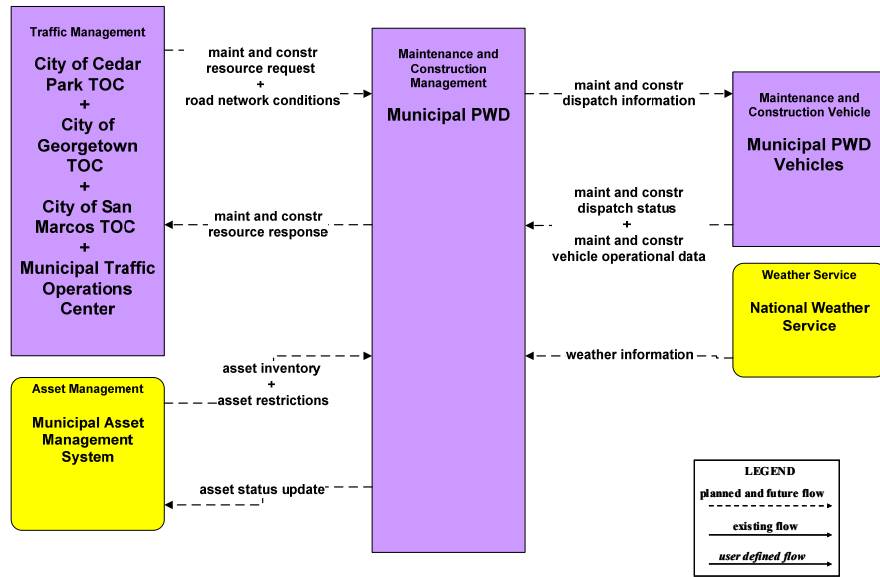
**Figure C193 – MC07 – Roadway Maintenance and Construction  
City of Austin Public Works Dispatch**



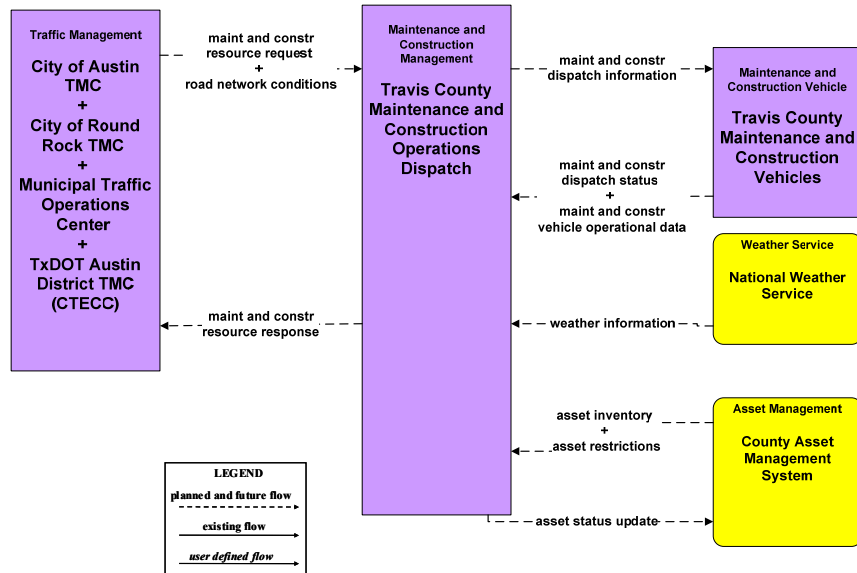
**Figure C194 – MC07 – Roadway Maintenance and Construction  
City of Round Rock Public Works Dispatch**



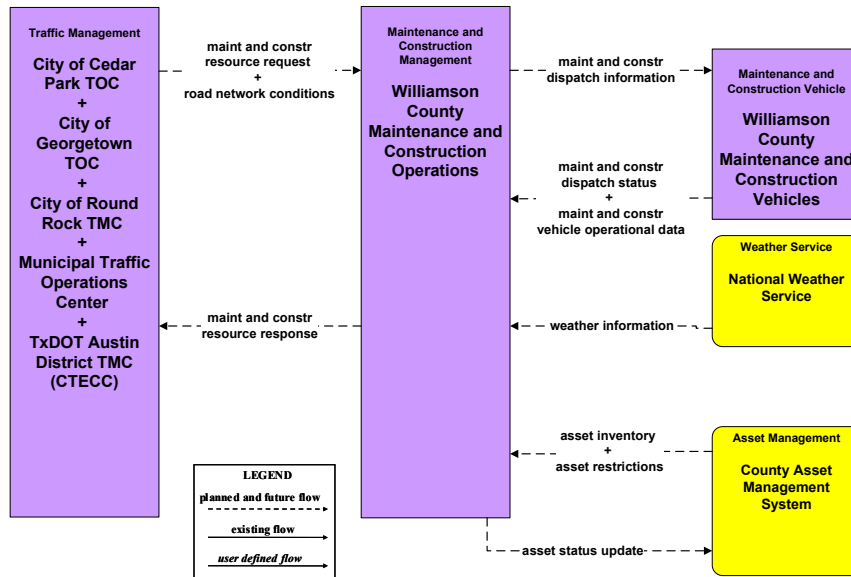
**Figure C195 – MC07 – Roadway Maintenance and Construction  
Municipal Public Works Department**



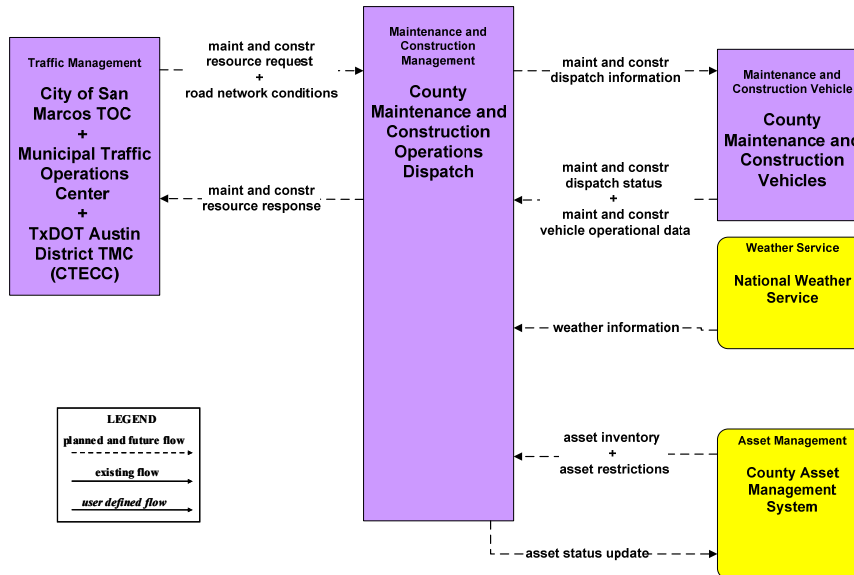
**Figure C196 – MC07 – Roadway Maintenance and Construction  
Travis County Maintenance and Construction**



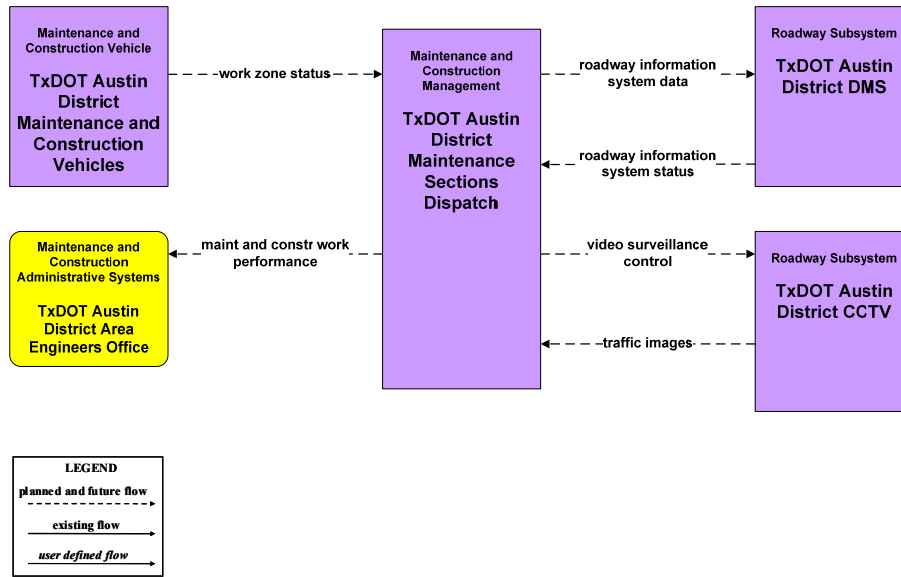
**Figure C197 – MC07 – Roadway Maintenance and Construction Williamson County Maintenance and Construction**



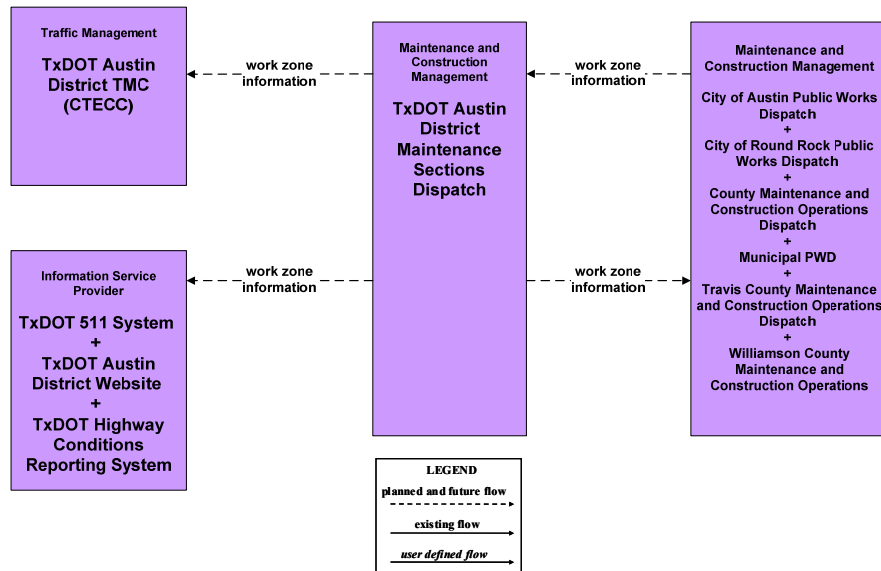
**Figure C198 – MC07 – Roadway Maintenance and Construction County Maintenance and Construction**



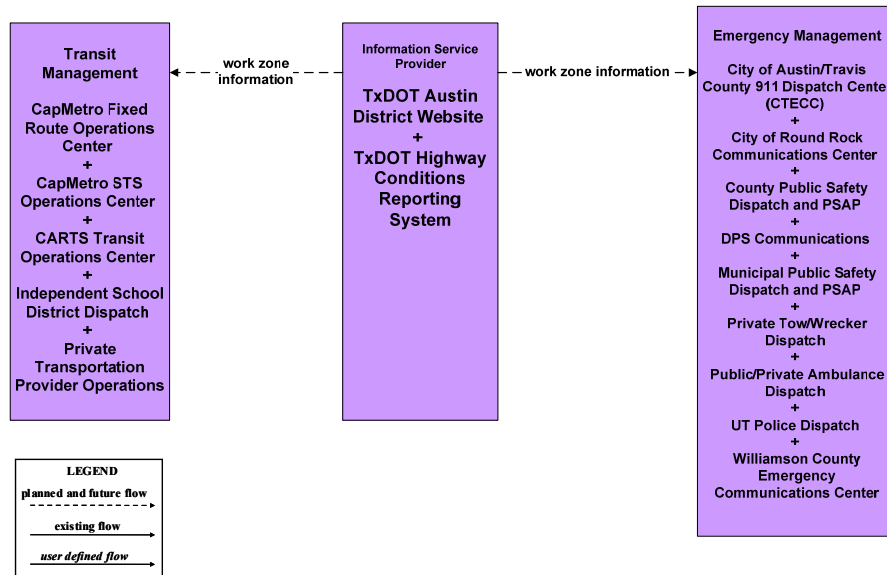
**Figure C199 – MC08 – Work Zone Management  
TxDOT Austin District Maintenance Sections**



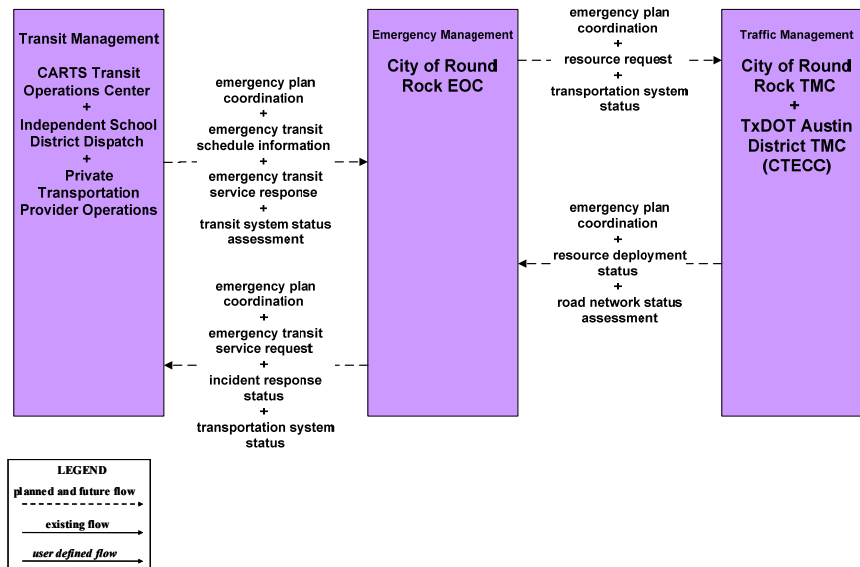
**Figure C200 – MC08 – Work Zone Management  
TxDOT Austin District Work Zone Information Dissemination (1 of 2)**



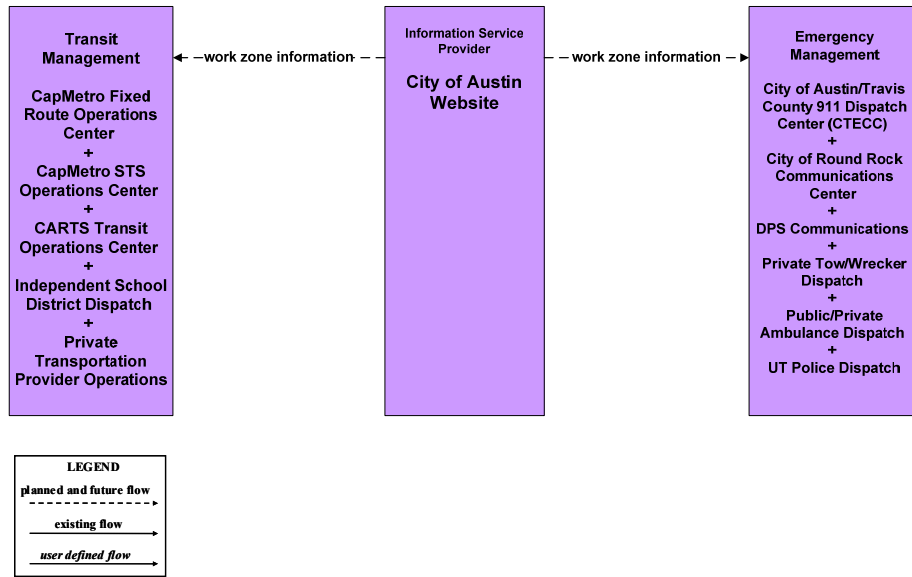
**Figure C201 – MC08 – Work Zone Management  
TxDOT Austin District Work Zone Information Dissemination (2 of 2)**



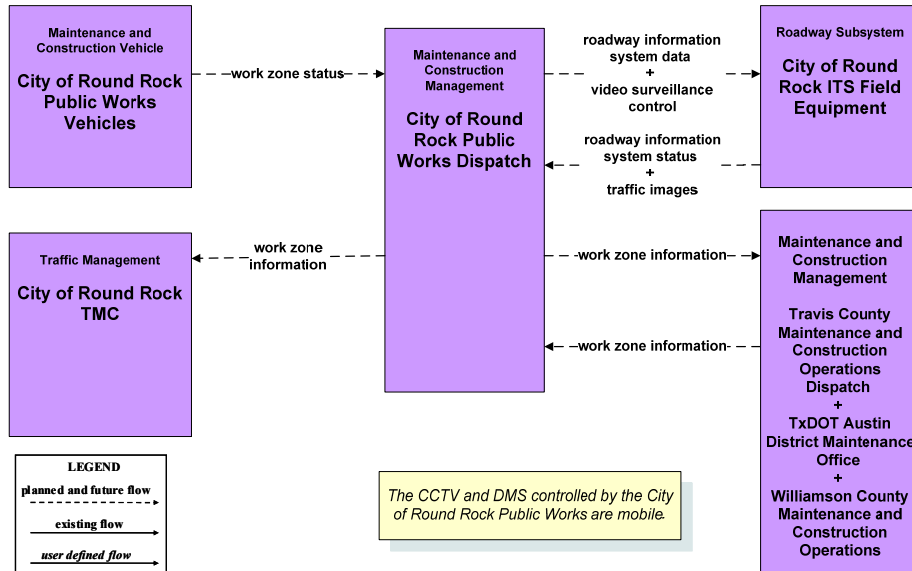
**Figure C202 – MC08 – Work Zone Management  
City of Austin Public Works (1 of 2)**



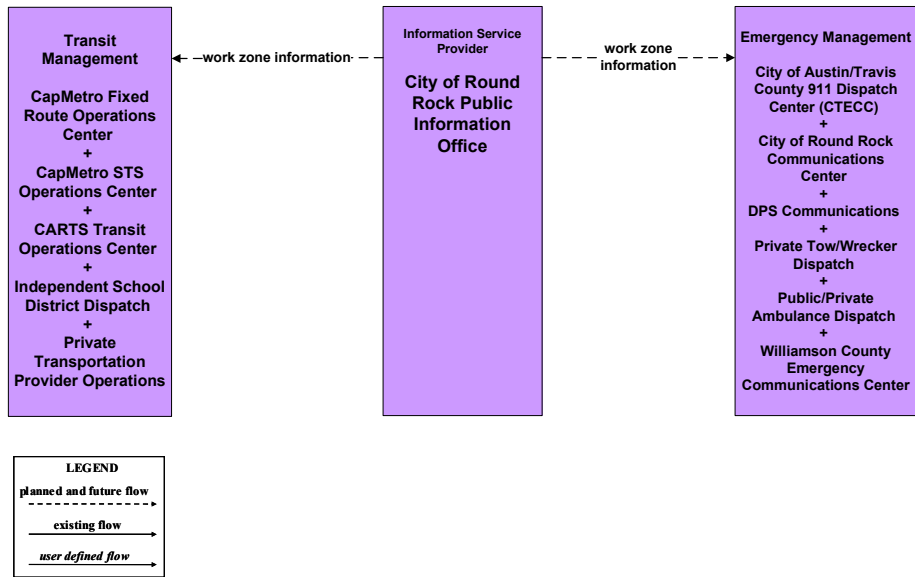
**Figure C203 – MC08 – Work Zone Management  
City of Austin Public Works (2 of 2)**



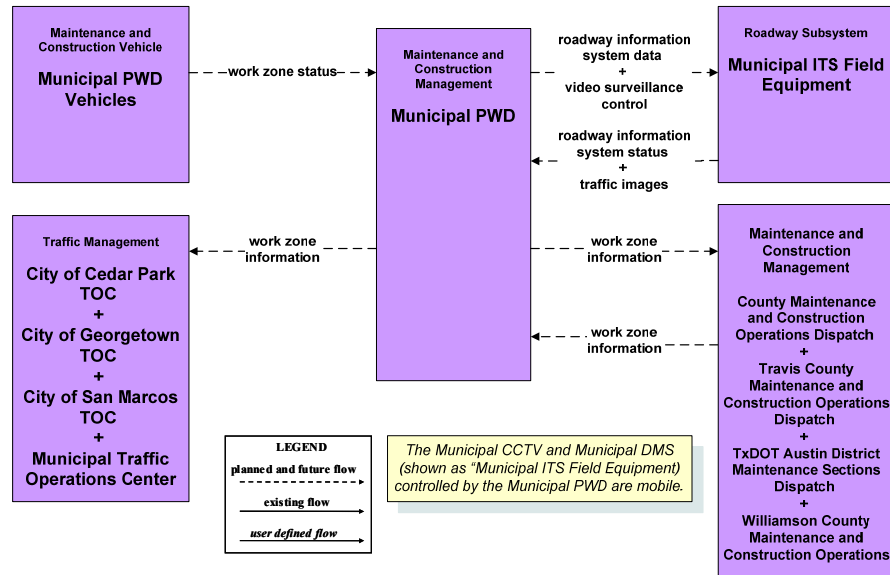
**Figure C204 – MC08 – Work Zone Management  
City of Round Rock Public Works Dispatch (1 of 2)**



**Figure C205 – MC08 – Work Zone Management  
City of Round Rock Public Works Dispatch (2 of 2)**

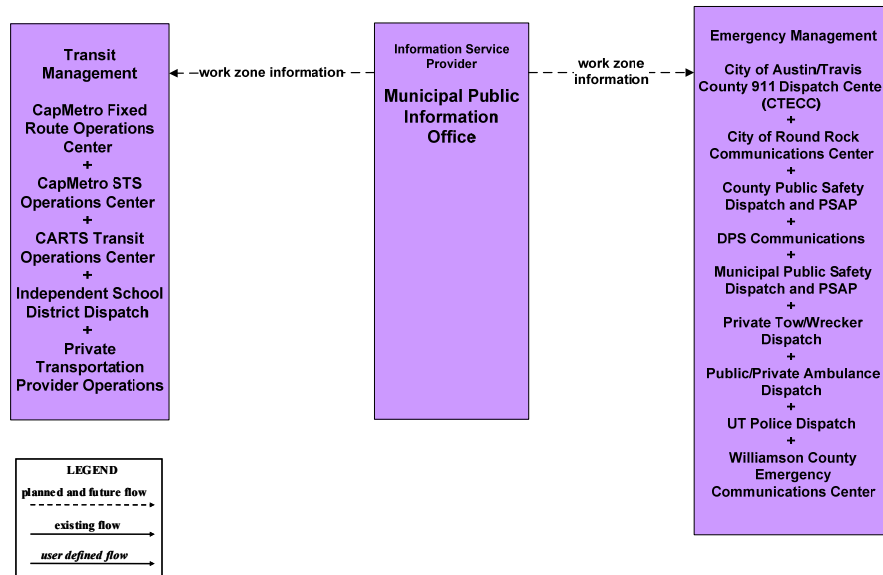


**Figure C206 – MC08 – Work Zone Management  
Municipal Public Works Department (1 of 2)**

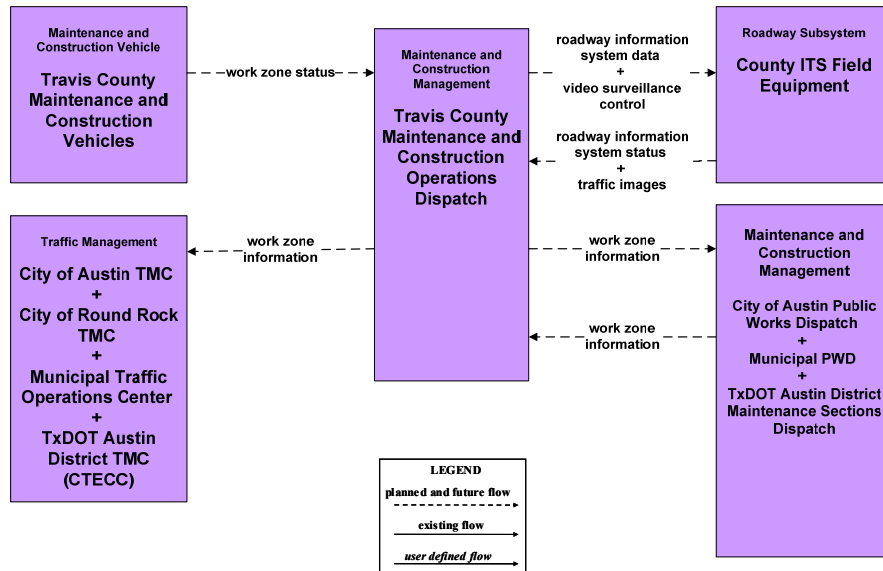




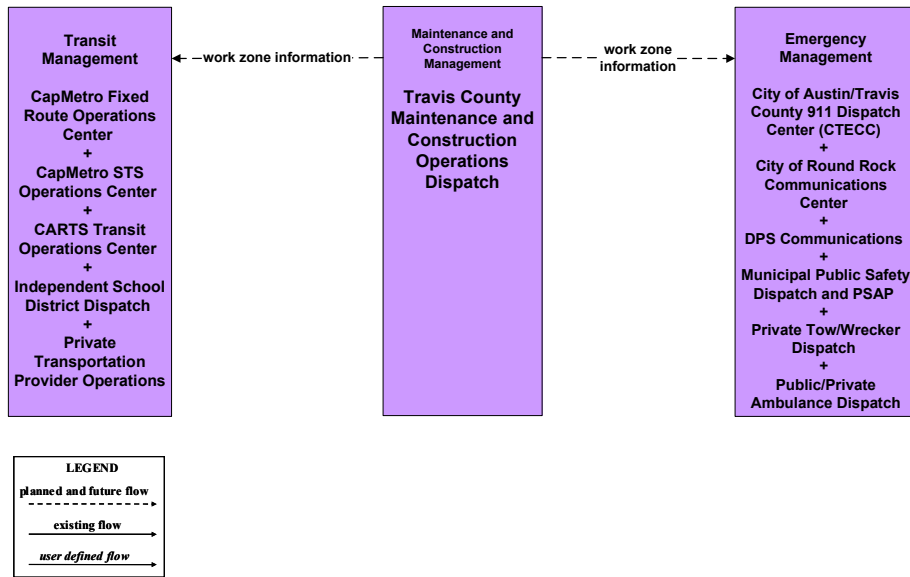
**Figure C207 – MC08 – Work Zone Management  
Municipal Public Works Department (2 of 2)**



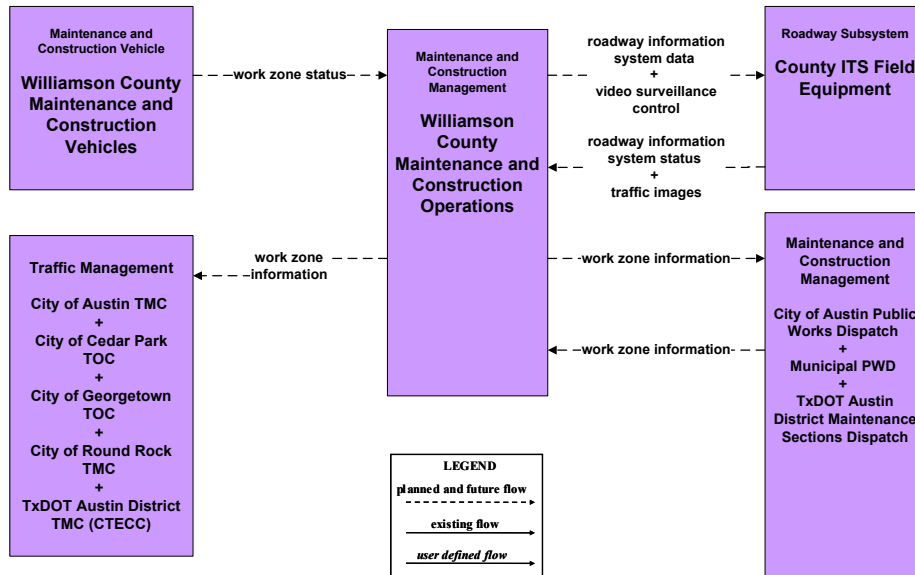
**Figure C208 – MC08 – Work Zone Management  
Travis County Maintenance and Construction (1 of 2)**



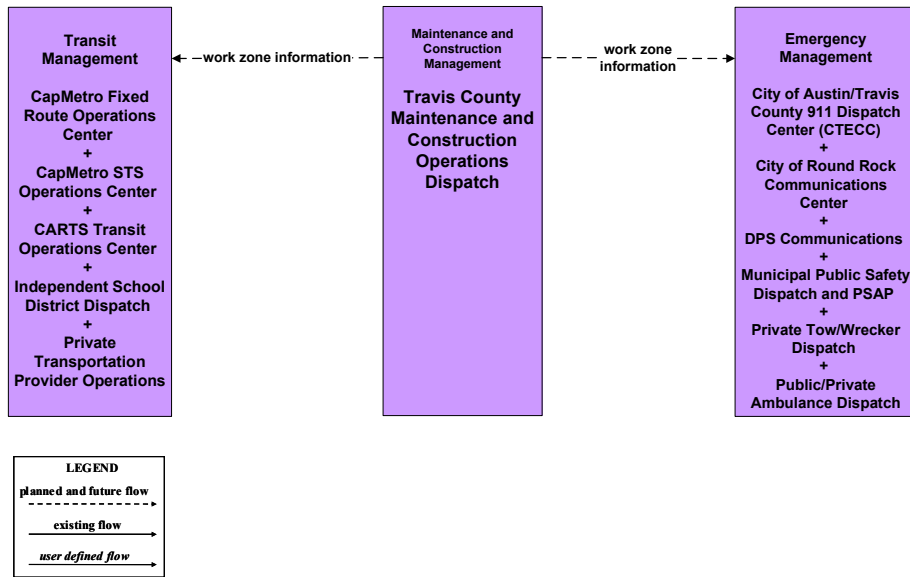
**Figure C209 – MC08 – Work Zone Management  
Travis County Maintenance and Construction (2 of 2)**



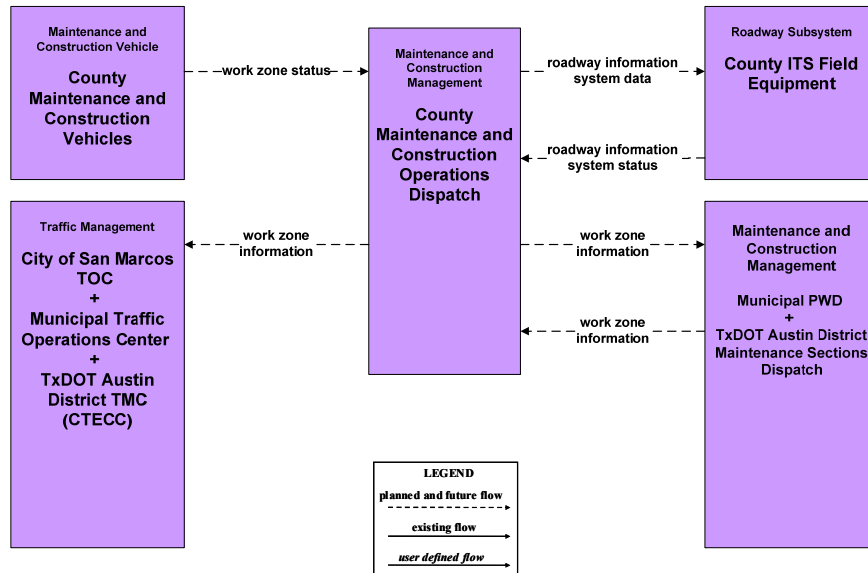
**Figure C210 – MC08 – Work Zone Management  
Williamson County Maintenance and Construction (1 of 2)**



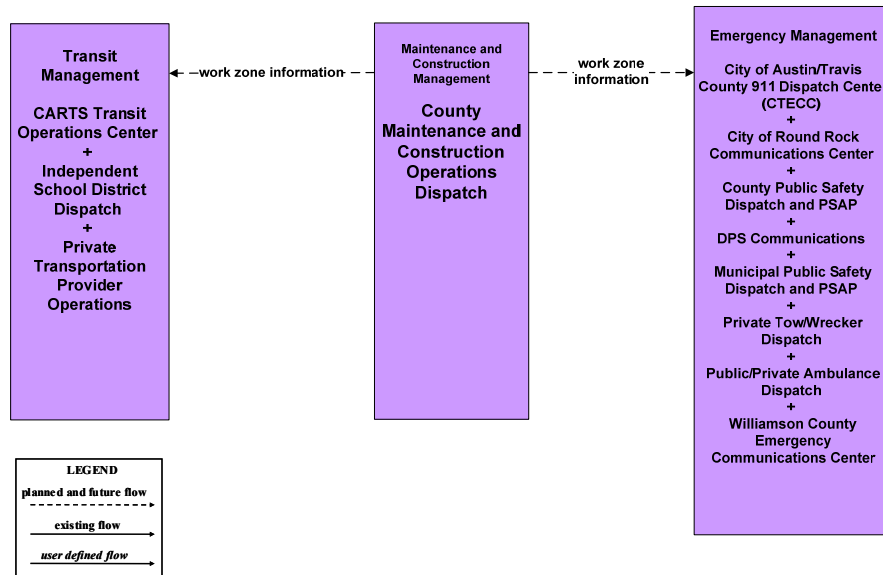
**Figure C211 – MC08 – Work Zone Management  
Williamson County Maintenance and Construction (2 of 2)**



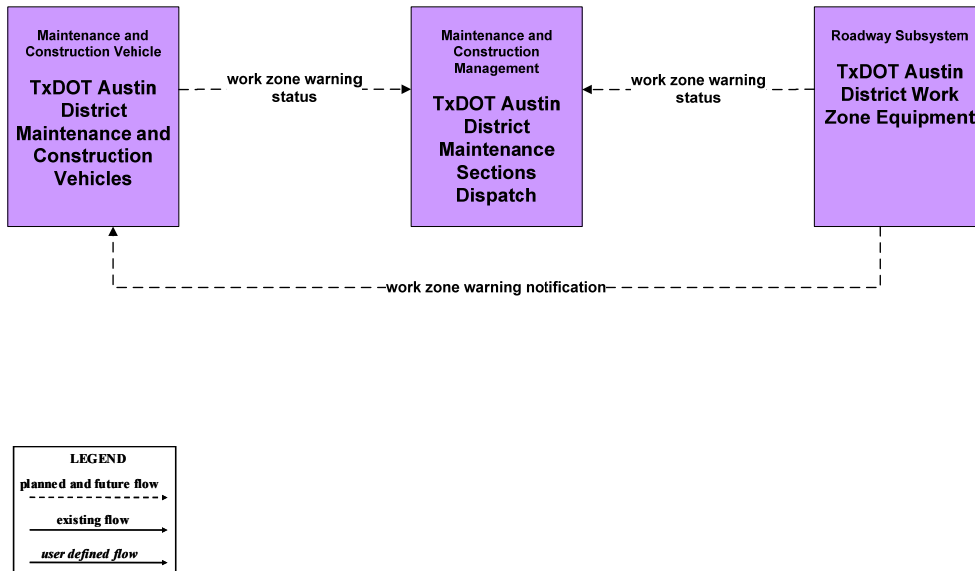
**Figure C212 – MC08 – Work Zone Management  
County Maintenance and Construction (1 of 2)**



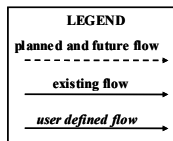
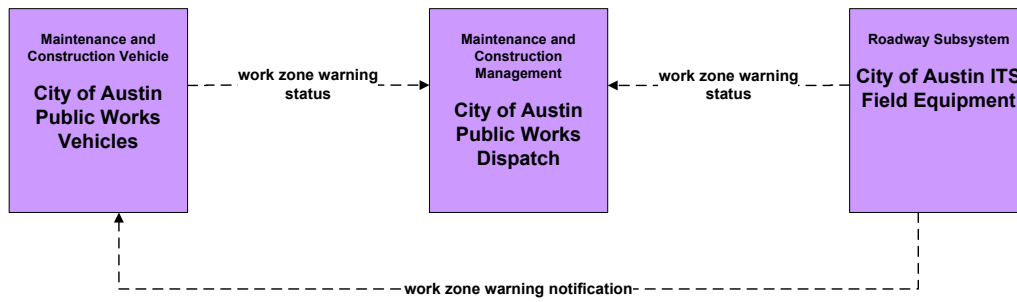
**Figure C213 – MC08 – Work Zone Management  
County Maintenance and Construction (2 of 2)**



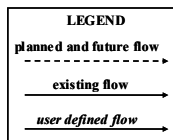
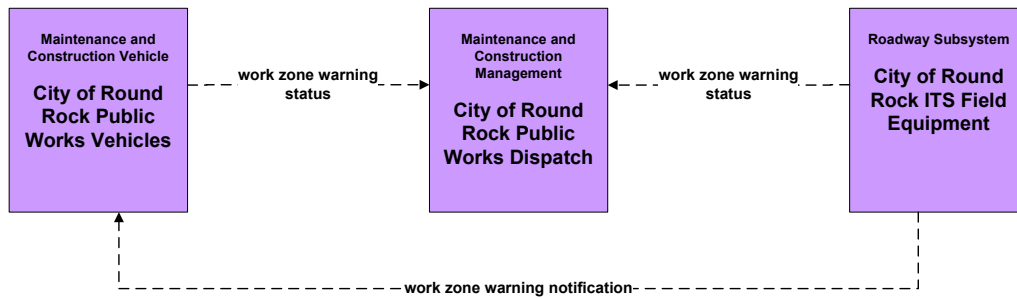
**Figure C214 – MC09 – Work Zone Safety Monitoring  
TxDOT Austin District Maintenance Sections**



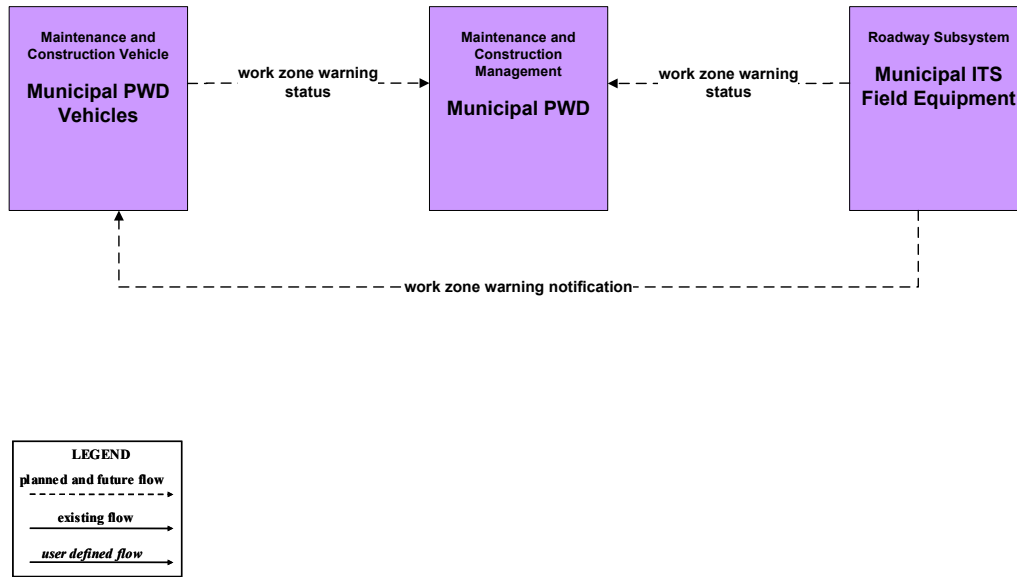
**Figure C215 – MC09 – Work Zone Safety Monitoring  
City of Austin Public Works**



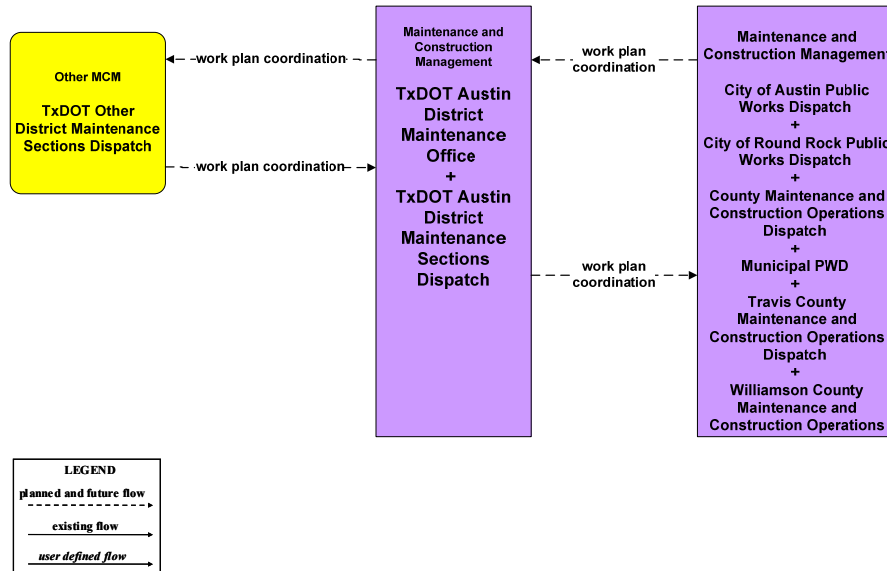
**Figure C216 – MC09 – Work Zone Safety Monitoring  
City of Round Rock Public Works**



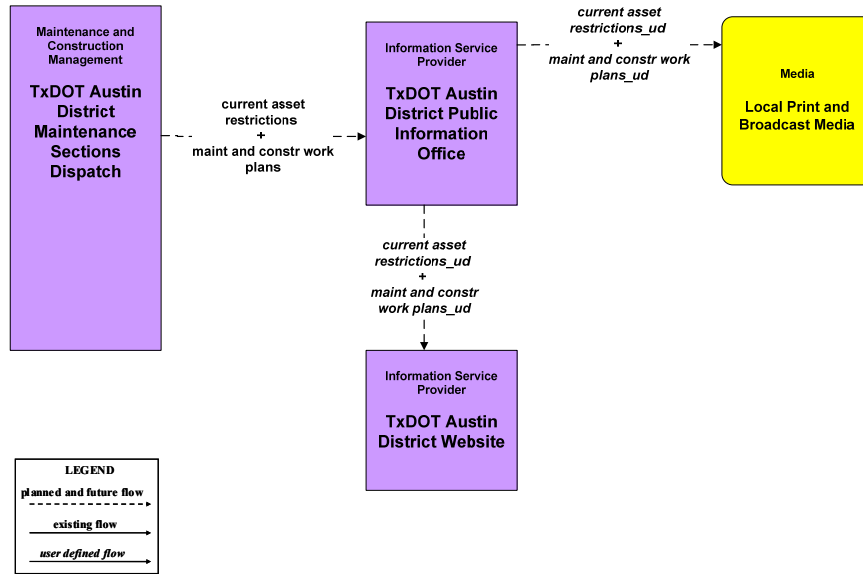
**Figure C217 – MC09 – Work Zone Safety Monitoring  
Municipal Public Works Department**



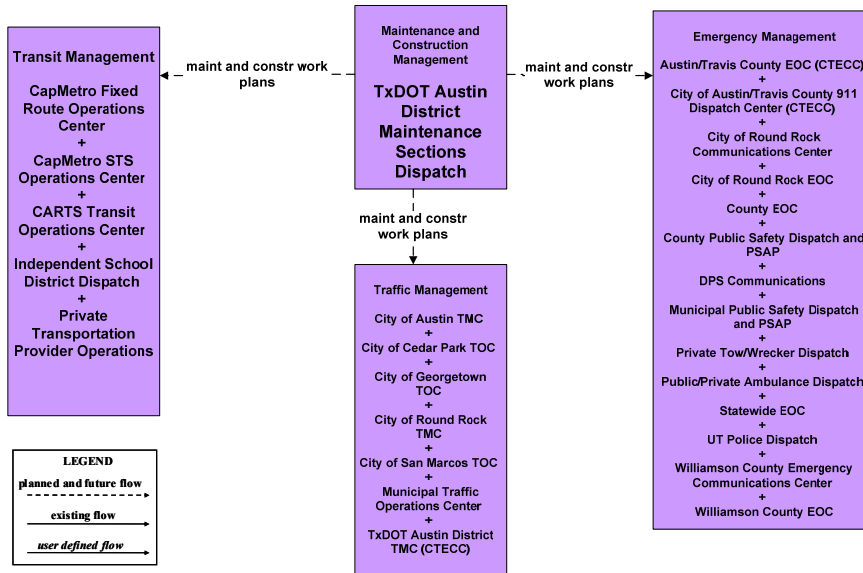
**Figure C218 – MC10 – Maintenance and Construction Activity Coordination  
Activity Coordination – TxDOT (1 of 3)**



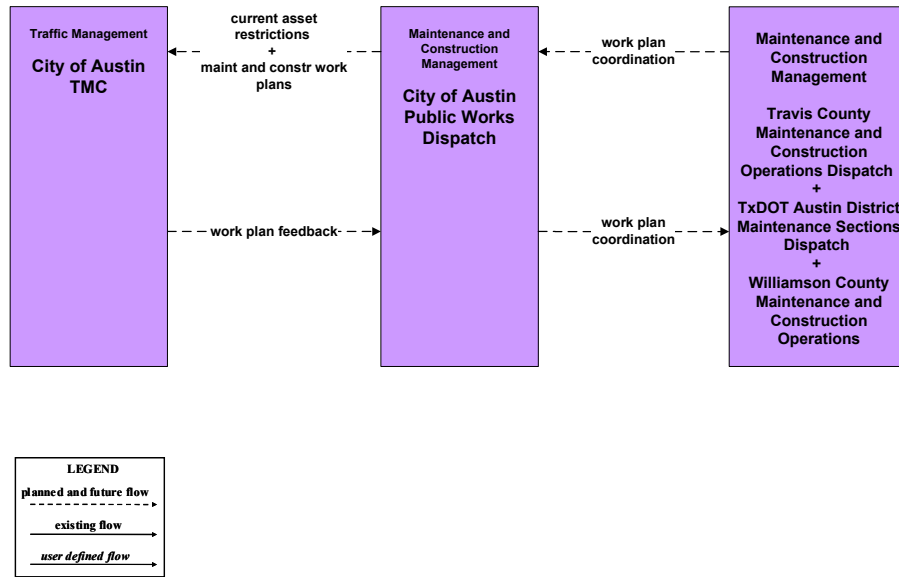
**Figure C219 – MC10 – Maintenance and Construction Activity Coordination  
Activity Coordination – TxDOT (2 of 3)**



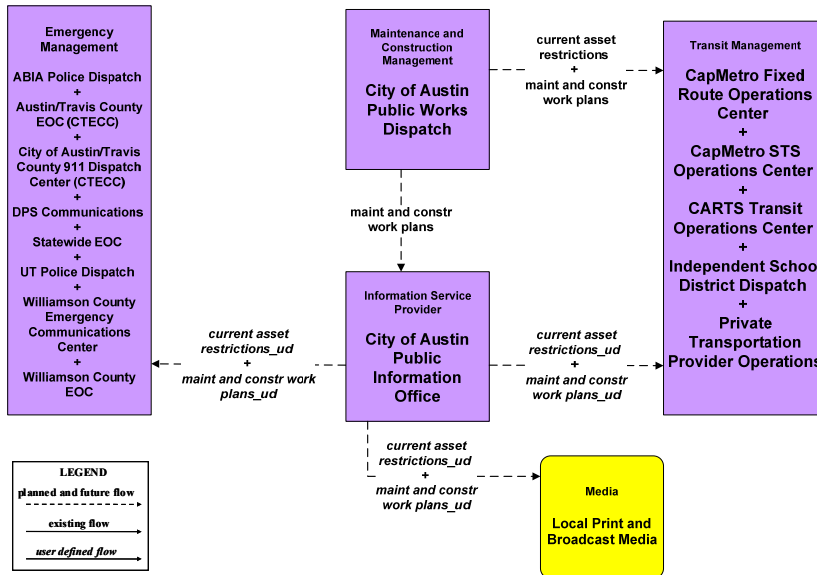
**Figure C220 – MC10 – Maintenance and Construction Activity Coordination  
Activity Coordination – TxDOT (3 of 3)**



**Figure C221 – MC10 – Maintenance and Construction Activity Coordination  
City of Austin Public Works (1 of 2)**

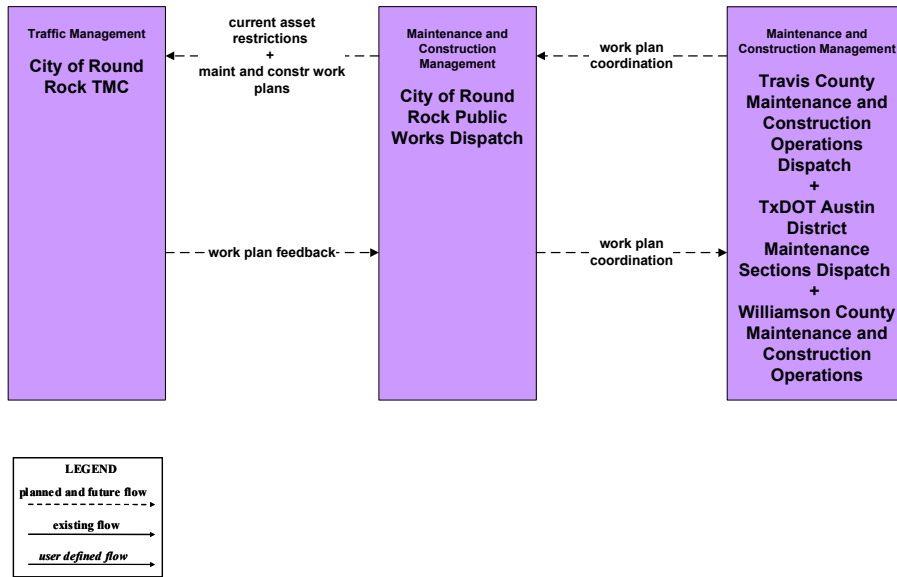


**Figure C222 – MC10 – Maintenance and Construction Activity Coordination  
City of Austin Public Works (2 of 2)**

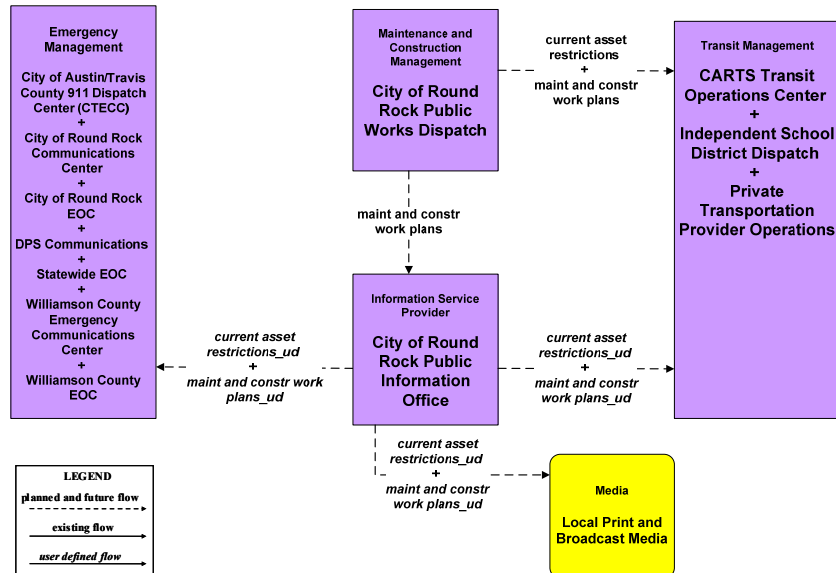




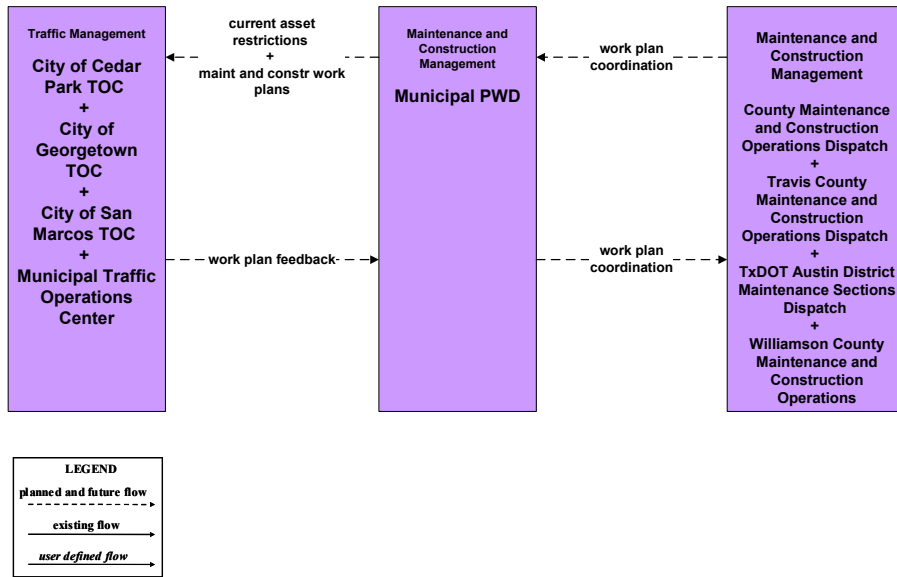
**Figure C223 – MC10 – Maintenance and Construction Activity Coordination  
City of Round Rock Public Works (1 of 2)**



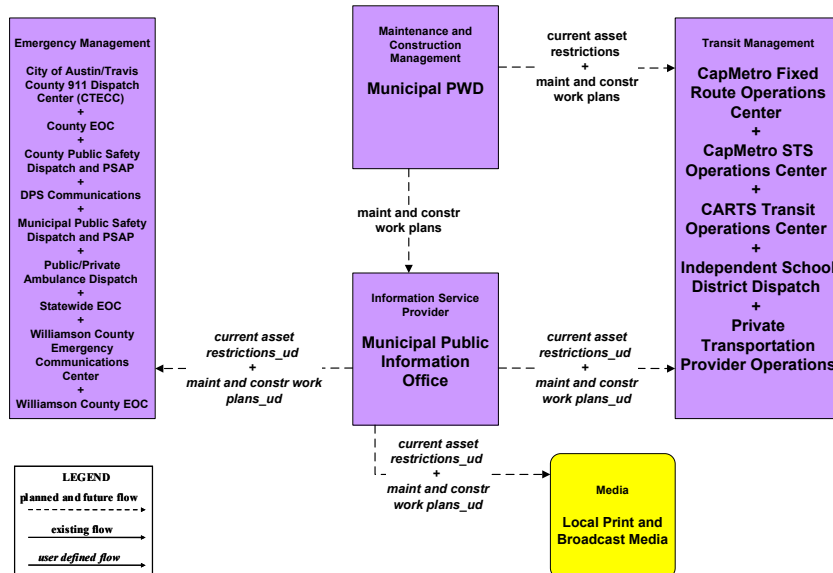
**Figure C224 – MC10 – Maintenance and Construction Activity Coordination  
City of Round Rock Public Works (2 of 2)**



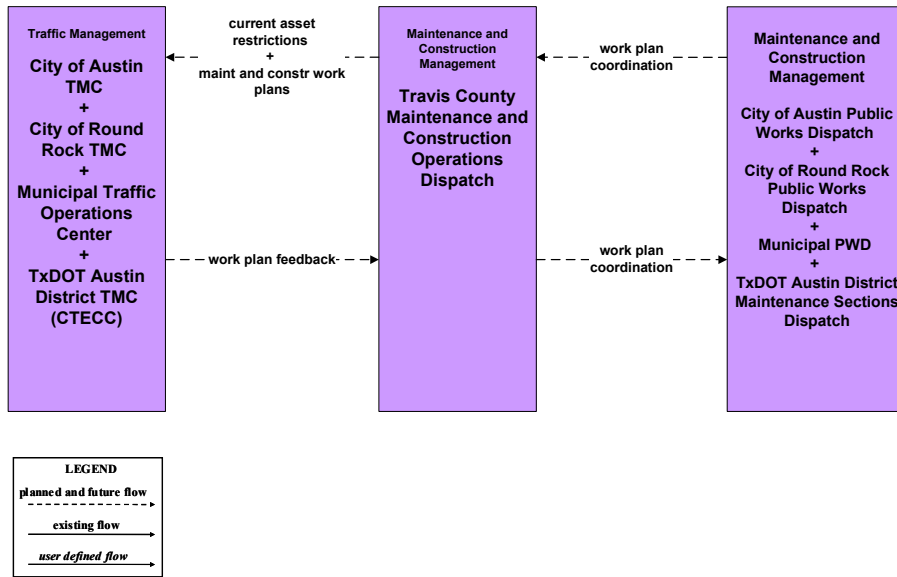
**Figure C225 – MC10 – Maintenance and Construction Activity Coordination  
Municipal Public Works Department (1 of 2)**



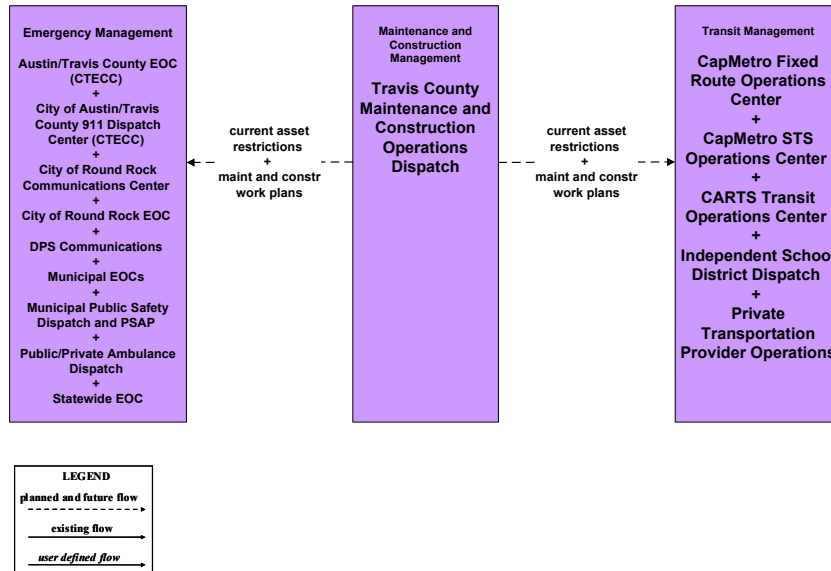
**Figure C226 – MC10 – Maintenance and Construction Activity Coordination  
Municipal Public Works Department (2 of 2)**



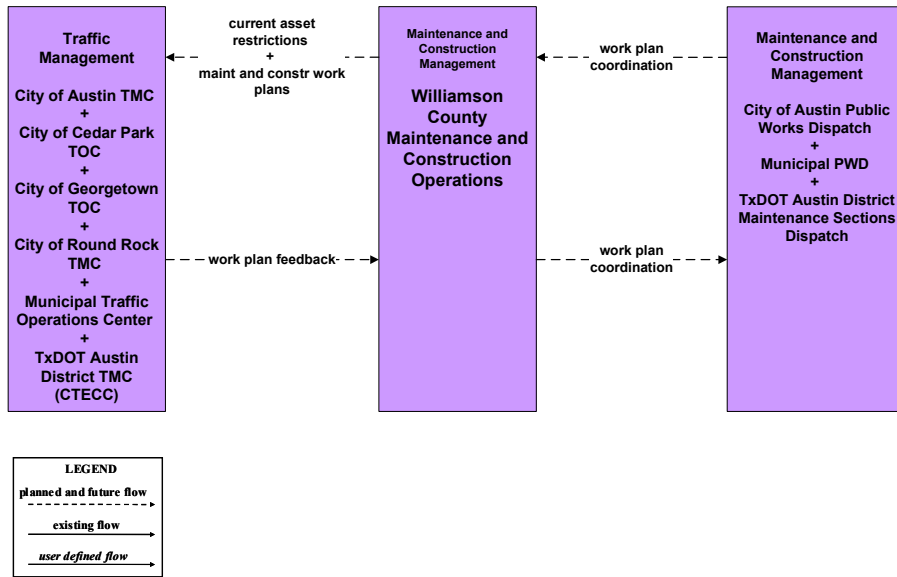
**Figure C227 – MC10 – Maintenance and Construction Activity Coordination  
Travis County Maintenance and Construction (1 of 2)**



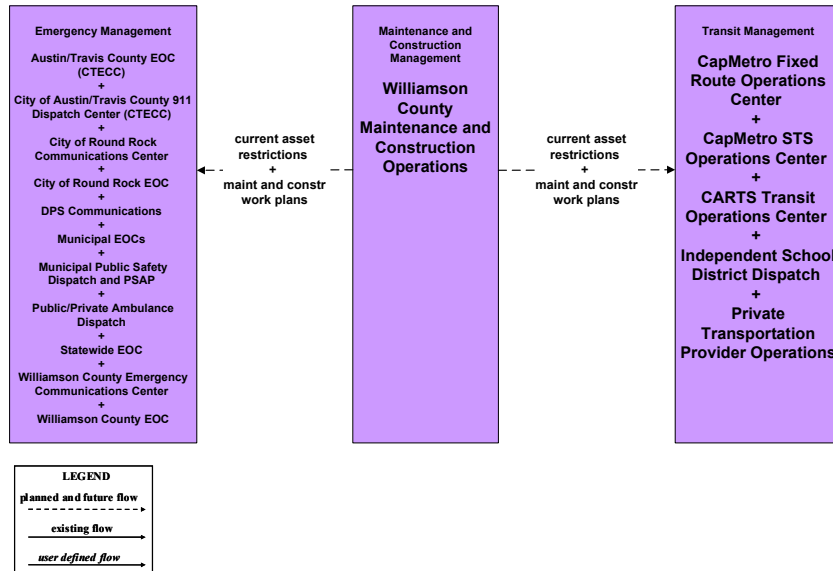
**Figure C228 – MC10 – Maintenance and Construction Activity Coordination  
Travis County Maintenance and Construction (2 of 2)**



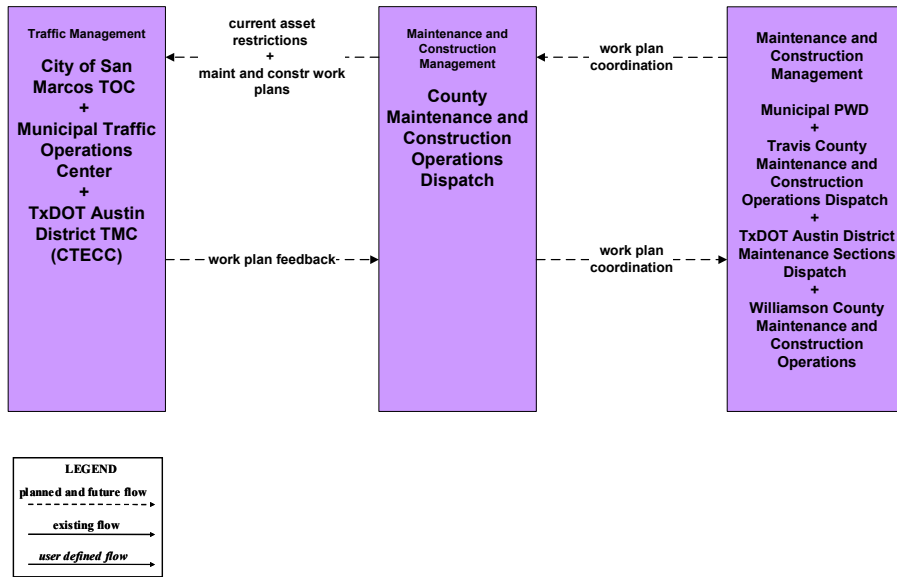
**Figure C229 – MC10 – Maintenance and Construction Activity Coordination  
Williamson County Maintenance and Construction (1 of 2)**



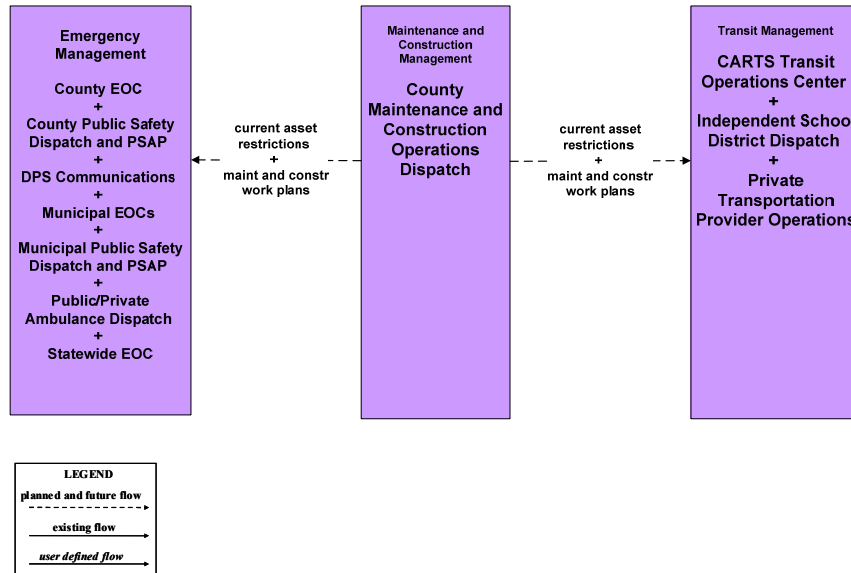
**Figure C230 – MC10 – Maintenance and Construction Activity Coordination  
Williamson County Maintenance and Construction (2 of 2)**



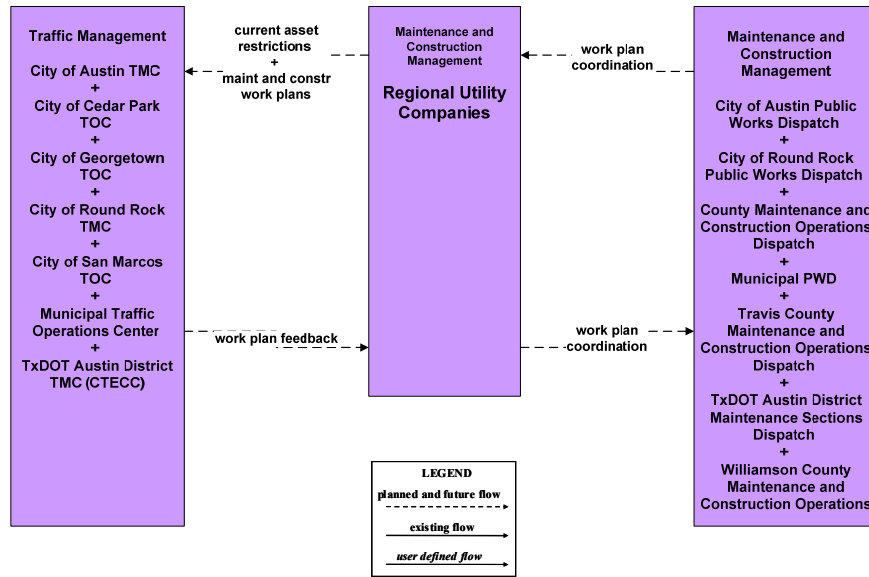
**Figure C231 – MC10 – Maintenance and Construction Activity Coordination  
County Maintenance and Construction (1 of 2)**



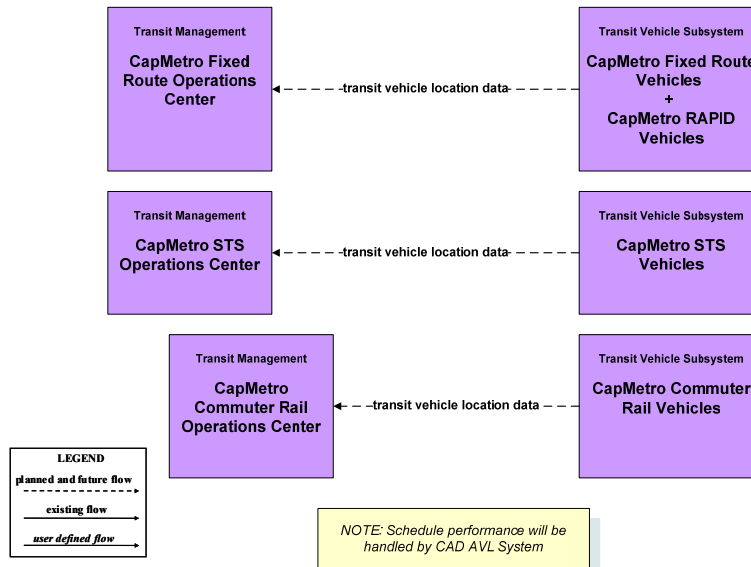
**Figure C232 – MC10 – Maintenance and Construction Activity Coordination  
County Maintenance and Construction (2 of 2)**



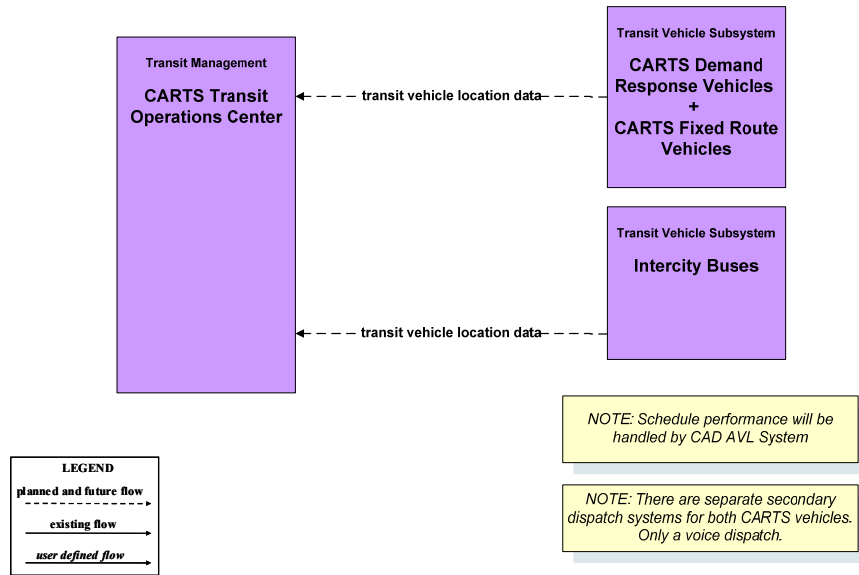
**Figure C233 – MC10 – Maintenance and Construction Activity Coordination  
Regional Utility Companies**



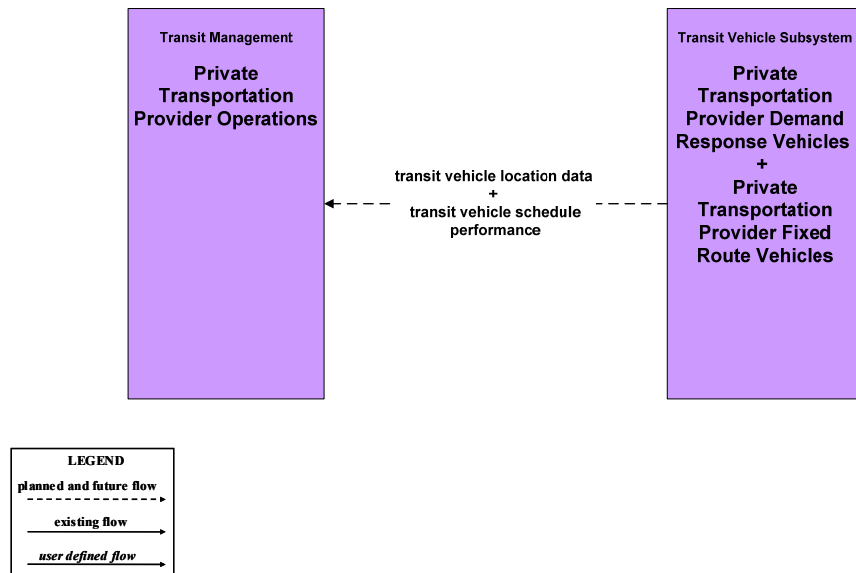
**Figure C234 – APTS1 – Transit Vehicle Tracking  
CapMetro Transit**



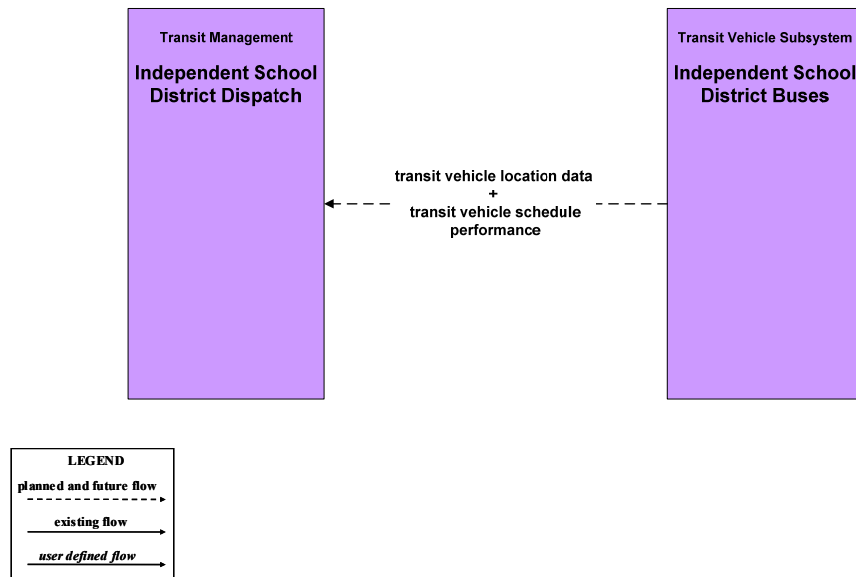
**Figure C235 – APTS1 – Transit Vehicle Tracking  
CARTS Transit**



**Figure C236 – APTS1 – Transit Vehicle Tracking  
Private Transportation Operations**



**Figure C237 – APTS1 – Transit Vehicle Tracking  
Independent School District**



**Figure C238 – APTS2 – Transit Fixed-Route Operations  
CapMetro Transit (1 of 2)**

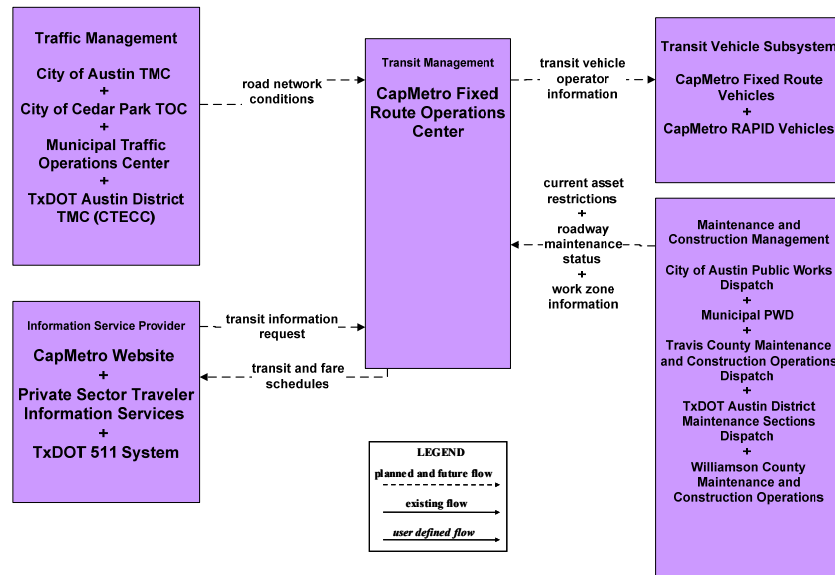




Figure C239 – APTS2 – Transit Fixed-Route Operations  
CapMetro Transit (2 of 2)

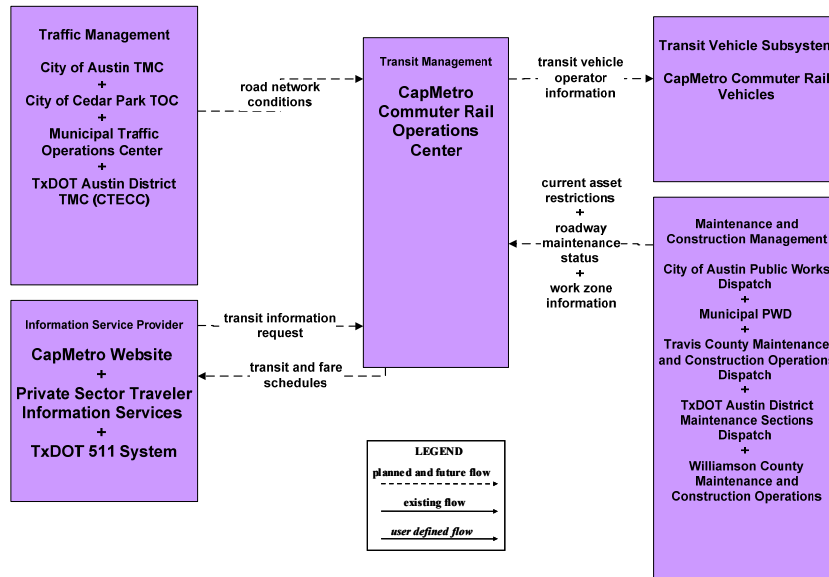
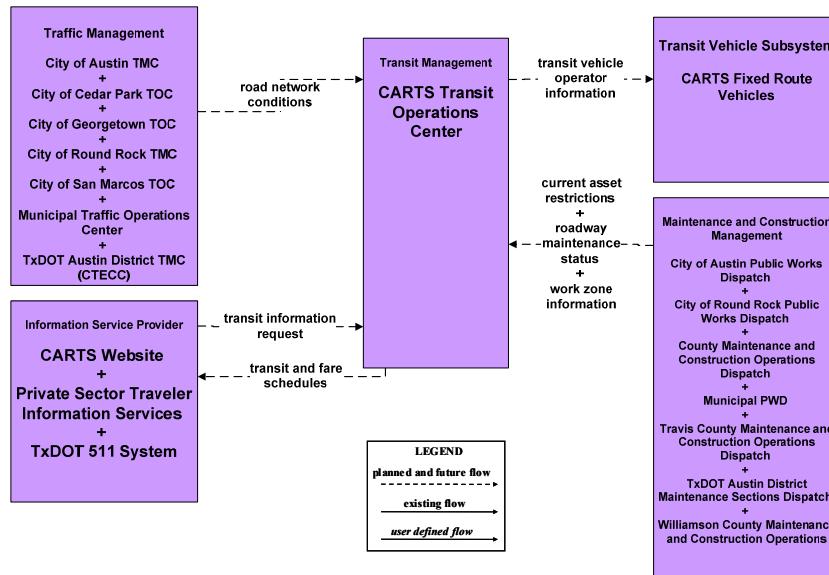
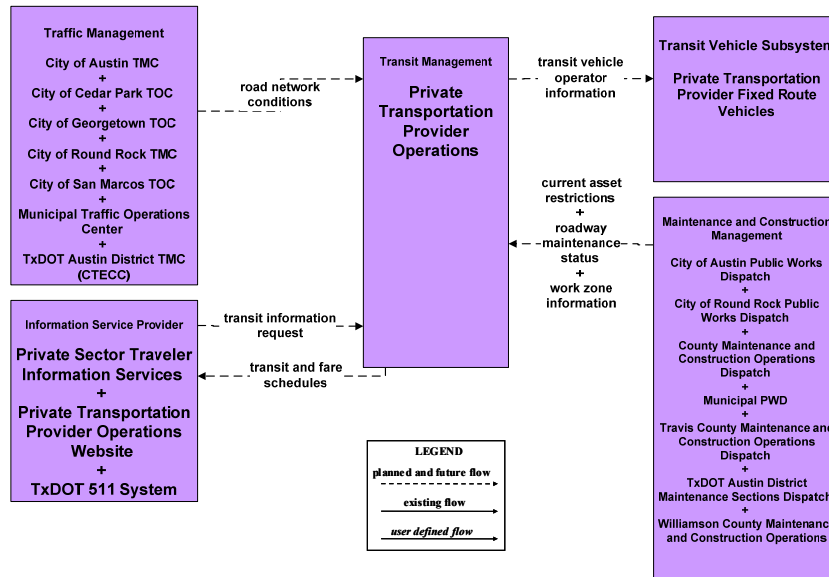


Figure C240 – APTS2 – Transit Fixed-Route Operations  
CARTS Transit



**Figure C241 – APTS2 – Transit Fixed-Route Operations  
Private Transportation Operations**



**Figure C242 – APTS2 – Transit Fixed-Route Operations  
Independent School Districts**

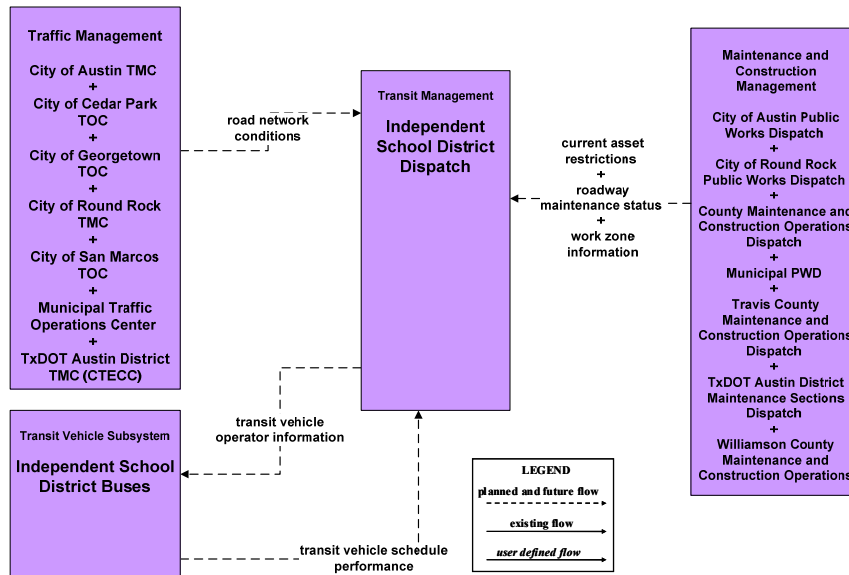


Figure C243 – APTS3 – Demand Response Transit Operations  
CapMetro STS Transit (1 of 2)

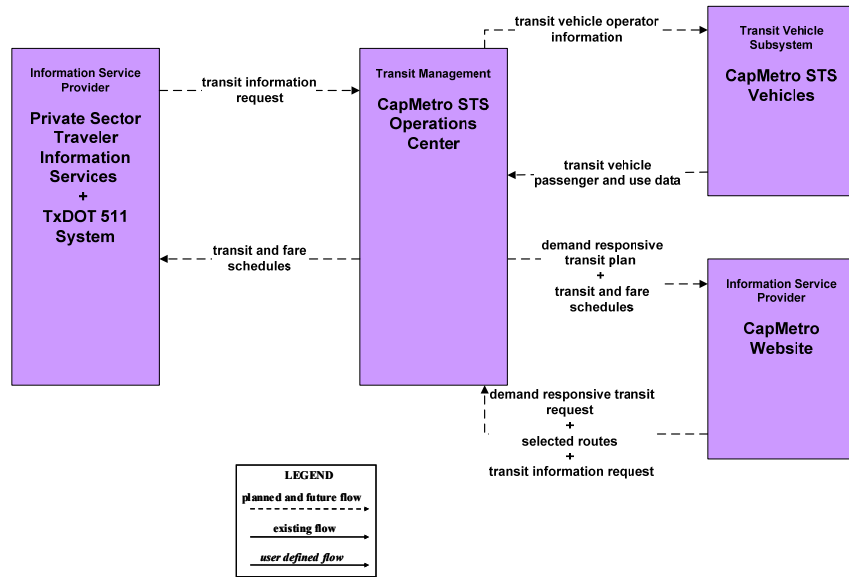


Figure C244 – APTS3 – Demand Response Transit Operations  
CapMetro STS Transit (2 of 2)

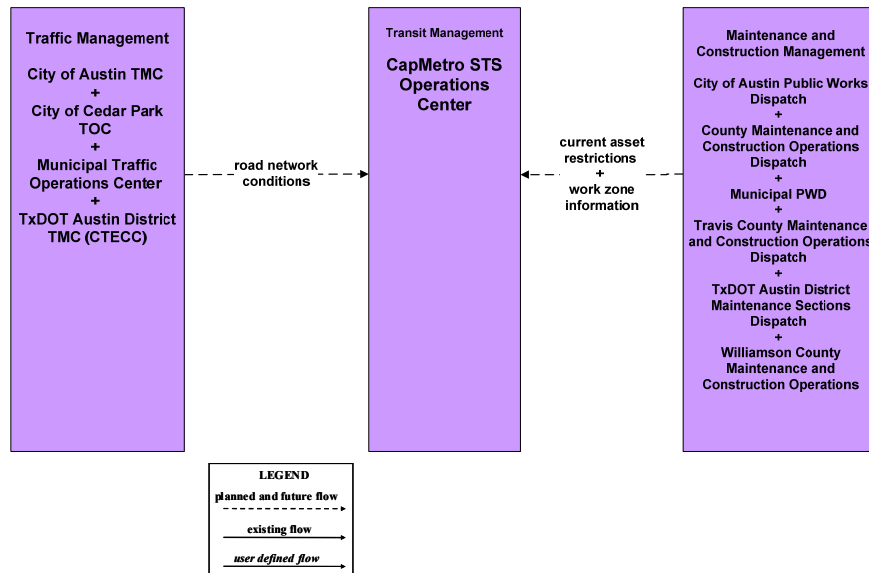


Figure C245 – APTS3 – Demand Response Transit Operations  
CARTS Transit (1 of 2)

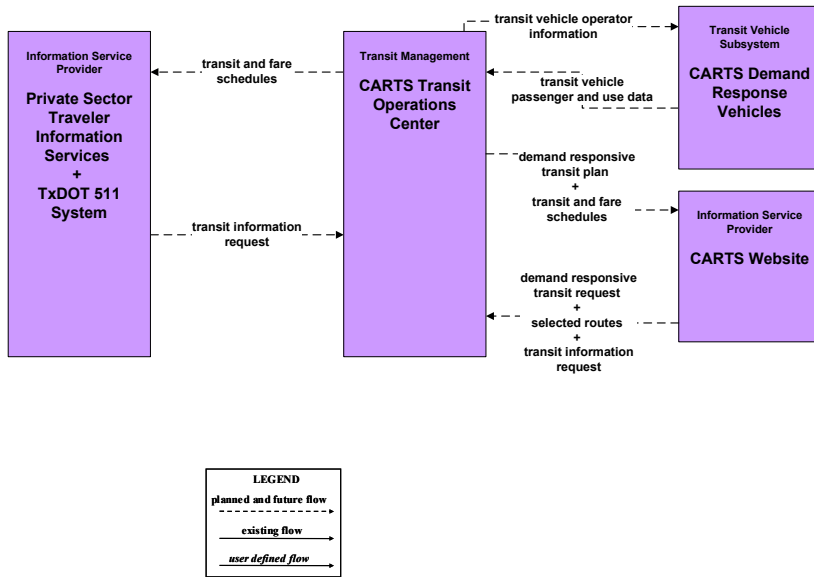


Figure C246 – APTS3 – Demand Response Transit Operations  
CARTS Transit (2 of 2)

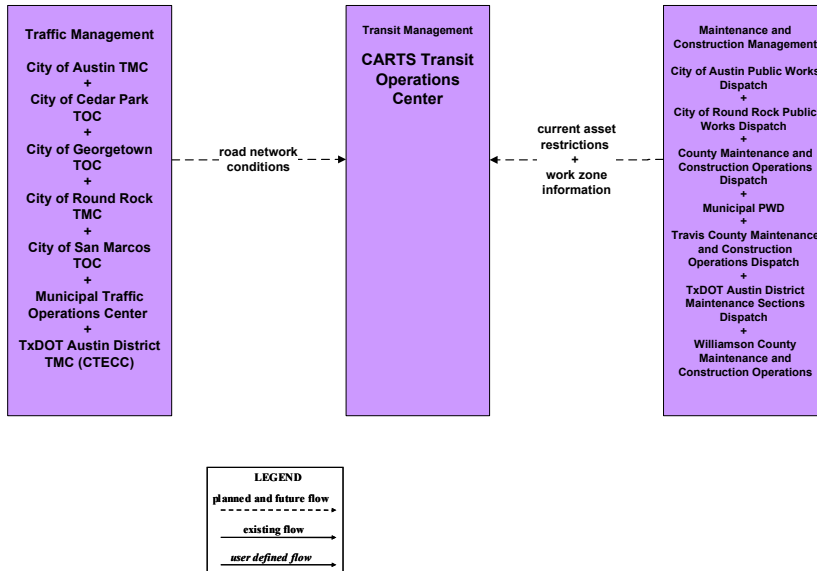


Figure C247 – APTS3 – Demand Response Private Transportation Operations (1 of 2)

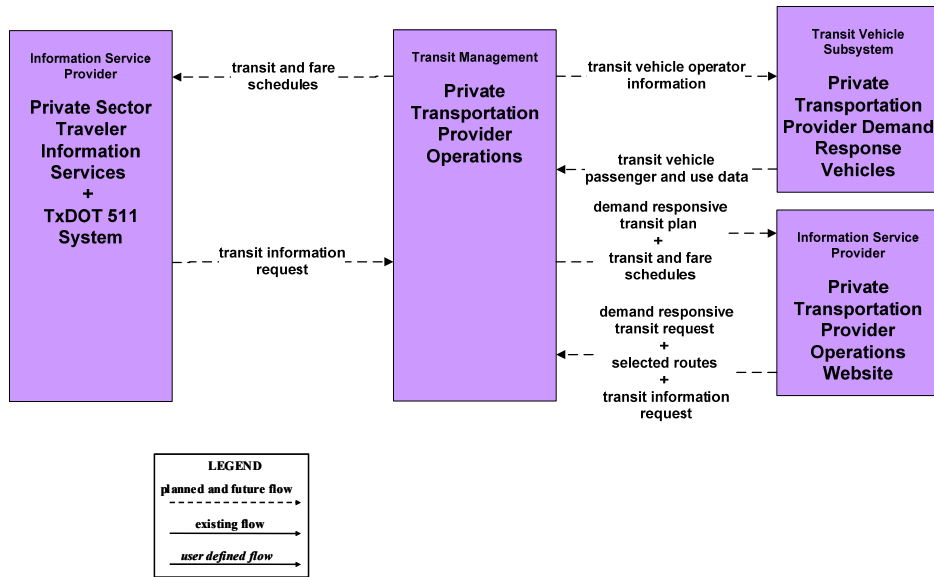
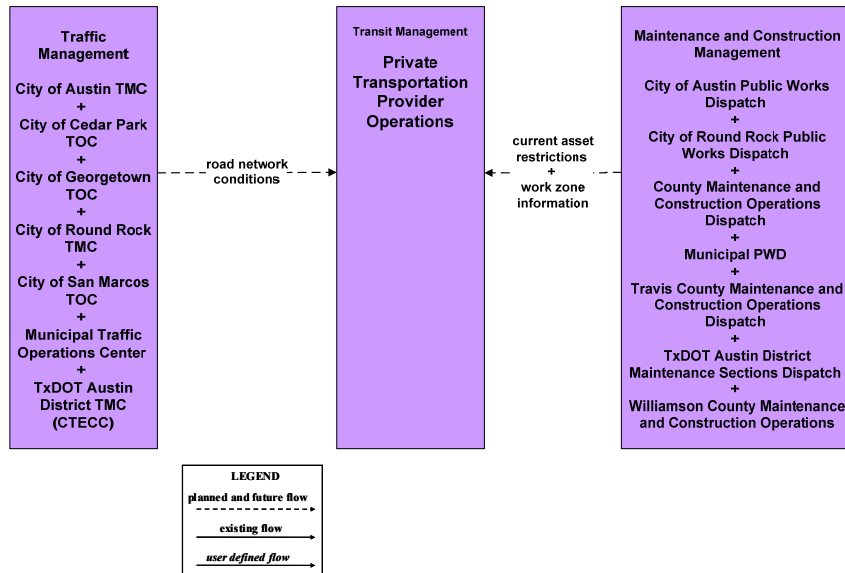
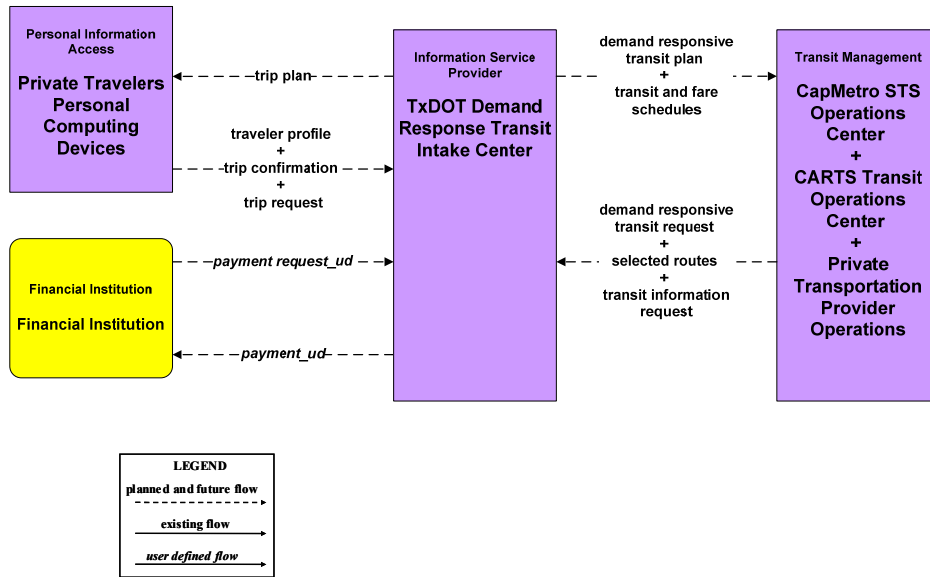


Figure C248 – APTS3 – Demand Response Private Transportation Operations (2 of 2)



**Figure C249 – APTS3 – Demand Response Transit Operations  
TxDOT Demand Response Intake Center**



**Figure C250 – APTS4 – Transit Passenger and Fare Management  
CapMetro Transit (1 of 3)**

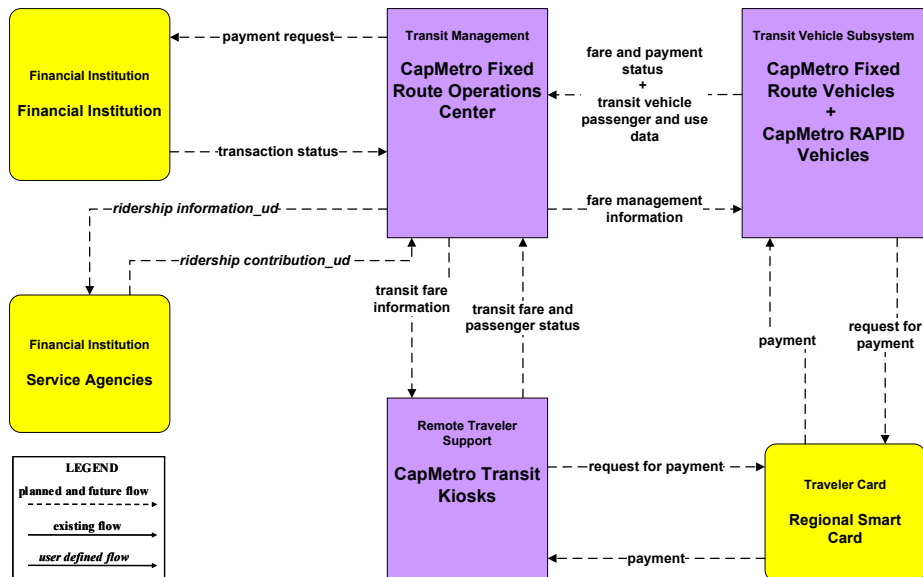


Figure C251 – APTS4 – Transit Passenger and Fare Management  
CapMetro Transit (2 of 3)

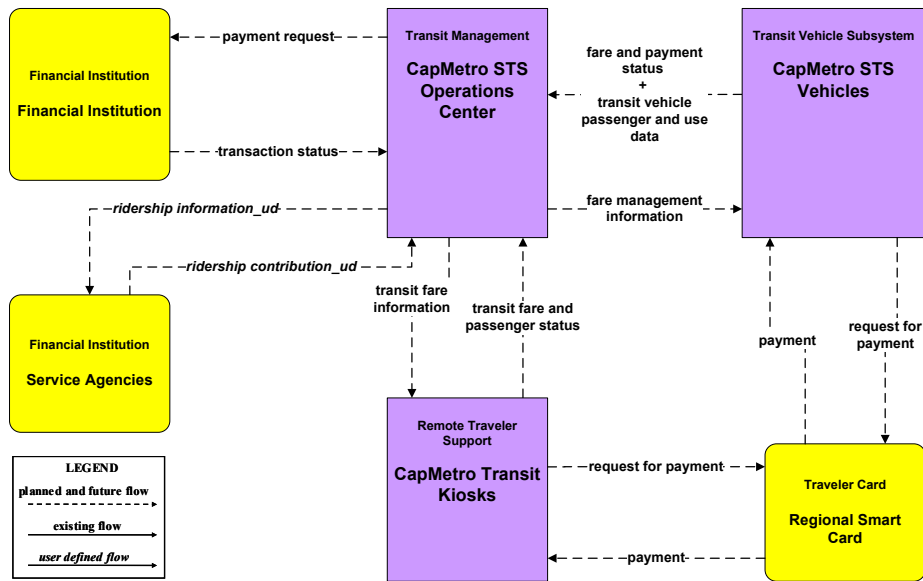


Figure C252 – APTS4 – Transit Passenger and Fare Management  
CapMetro Transit (3 of 3)

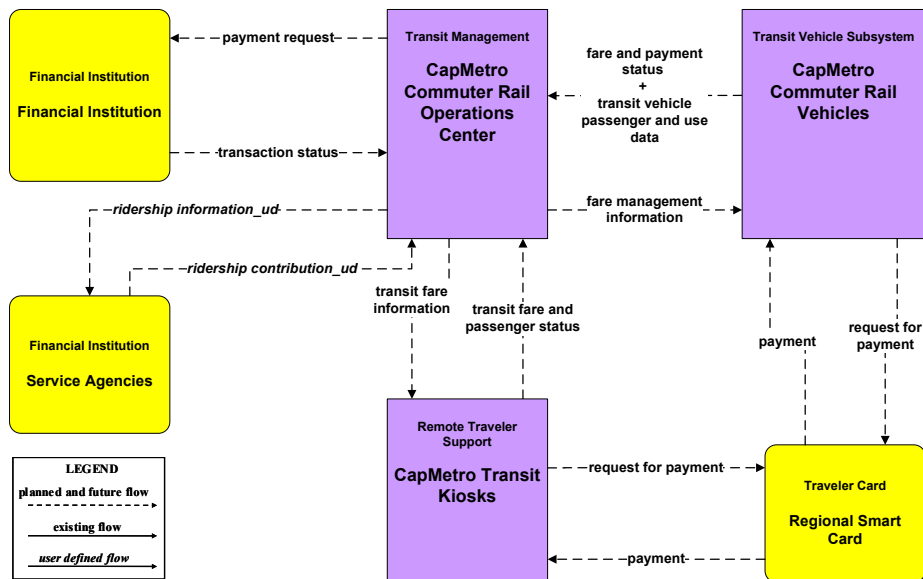


Figure C253 – APTS4 – Transit Passenger and Fare Management  
CARTS Transit

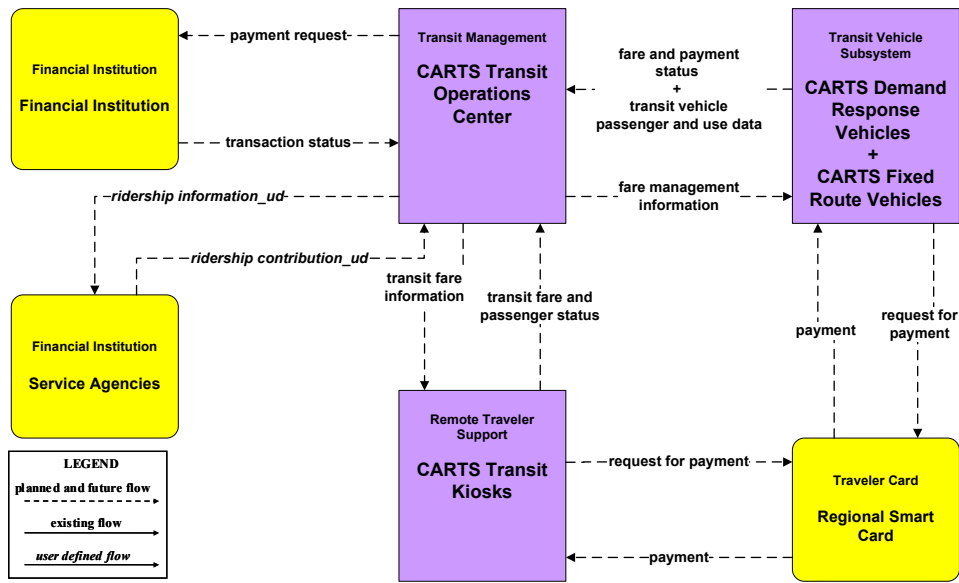
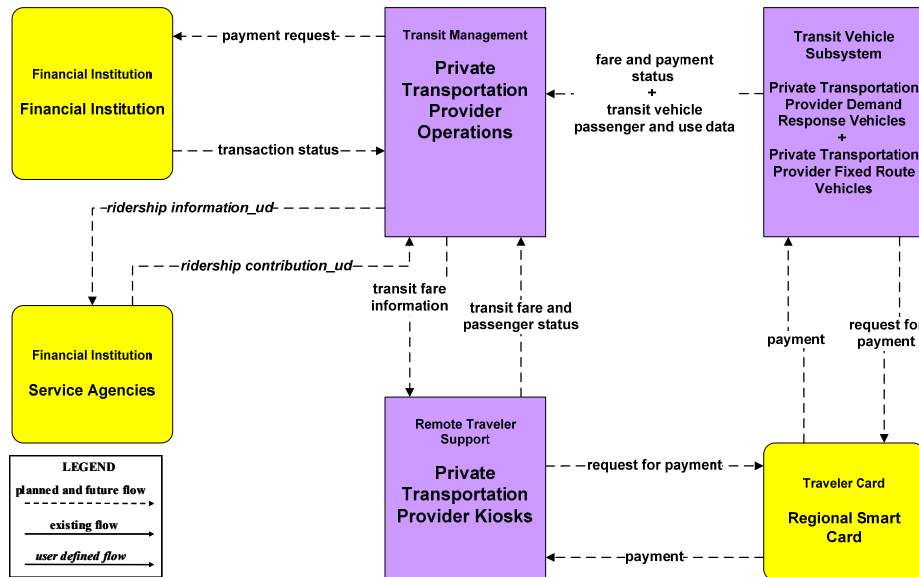
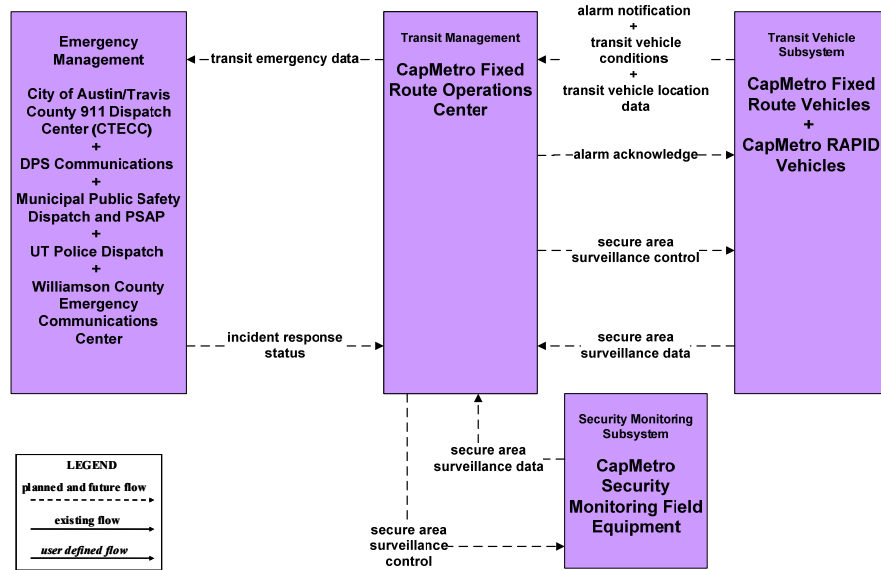


Figure C254 – APTS4 – Transit Passenger and Fare Management  
Private Transportation Operations

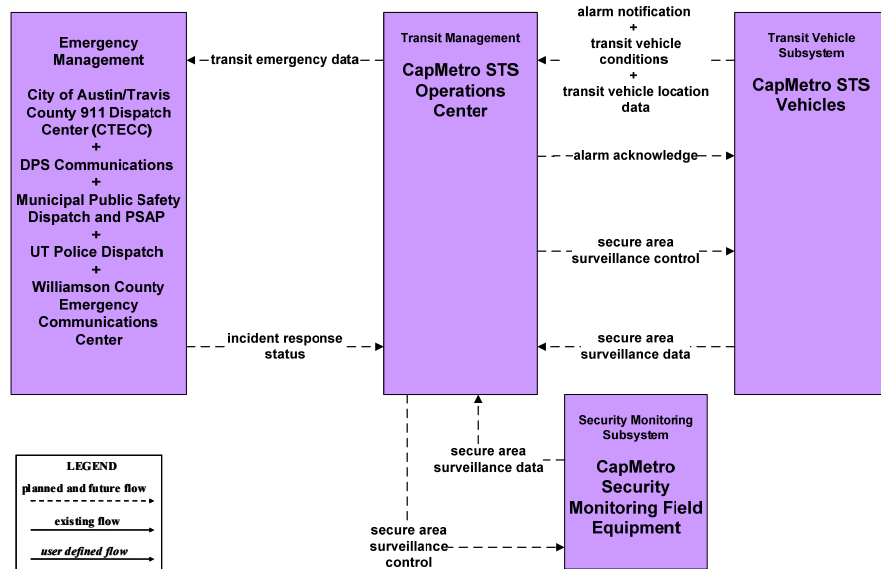




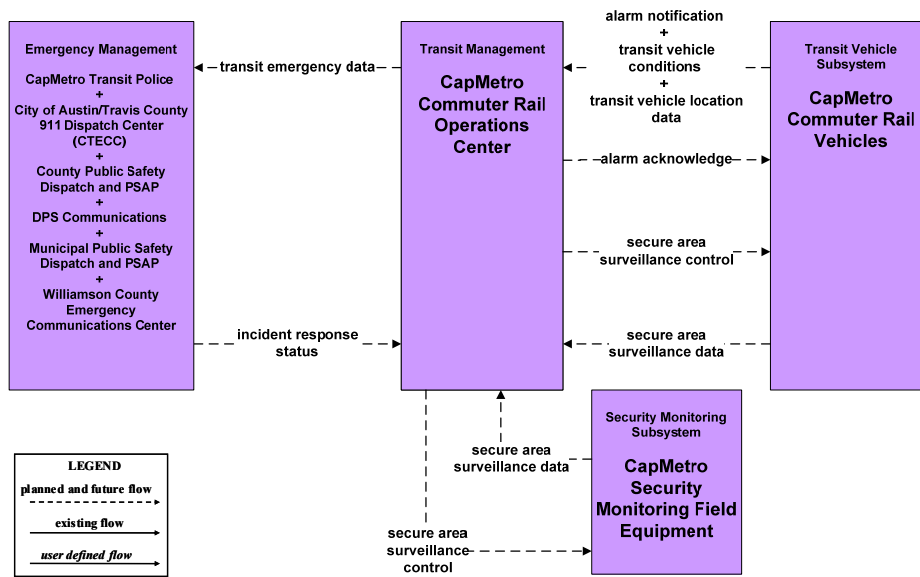
**Figure C255 – APTS5 – Transit Security  
CapMetro Transit – Transit Vehicle Monitoring System (1 of 3)**



**Figure C256 – APTS5 – Transit Security  
CapMetro Transit – Transit Vehicle Monitoring System (2 of 3)**



**Figure C257 – APTS5 – Transit Security  
CapMetro Transit – Transit Vehicle Monitoring System (3 of 3)**



**Figure C258 – APTS5 – Transit Security  
CARTS Transit**

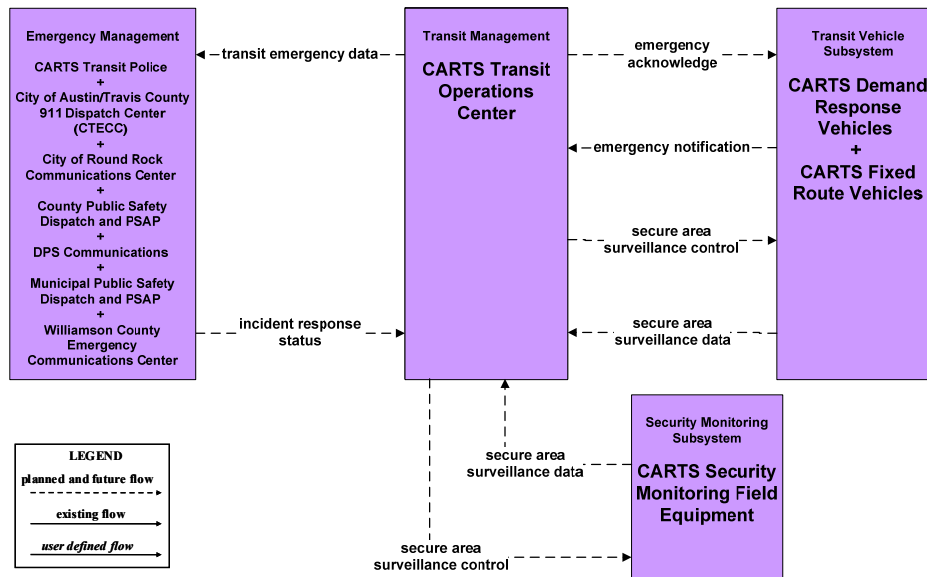


Figure C259 – APTS5 – Transit Security Private Transportation Operations

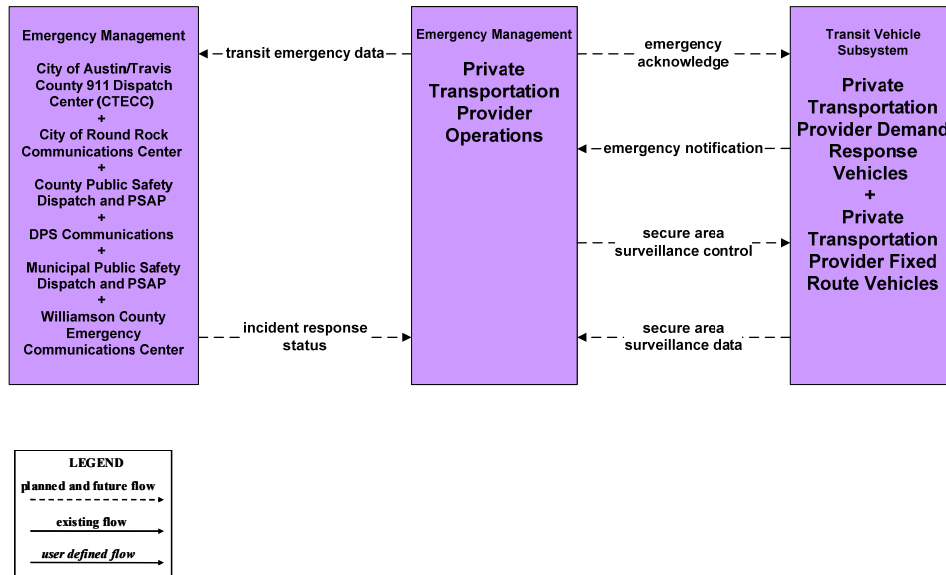


Figure C260 – APTS5 – Transit Security Independent School Districts

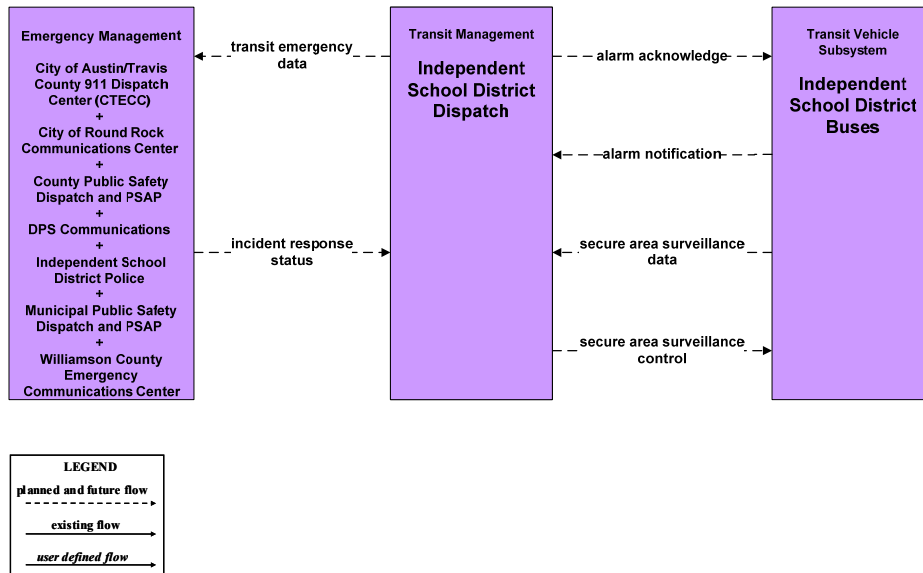


Figure C261 – APTS6 – Transit Maintenance  
CapMetro Transit (1 of 3)

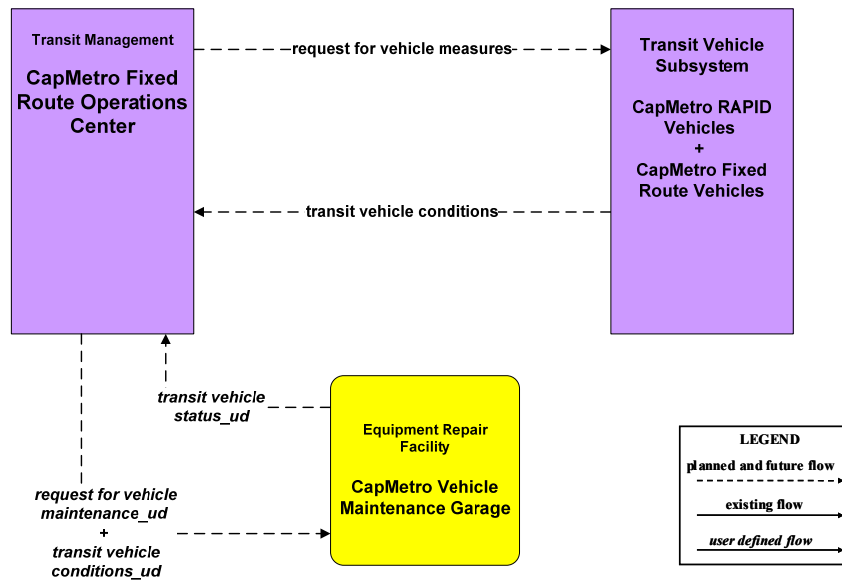


Figure C262 – APTS6 – Transit Maintenance  
CapMetro Transit (2 of 3)

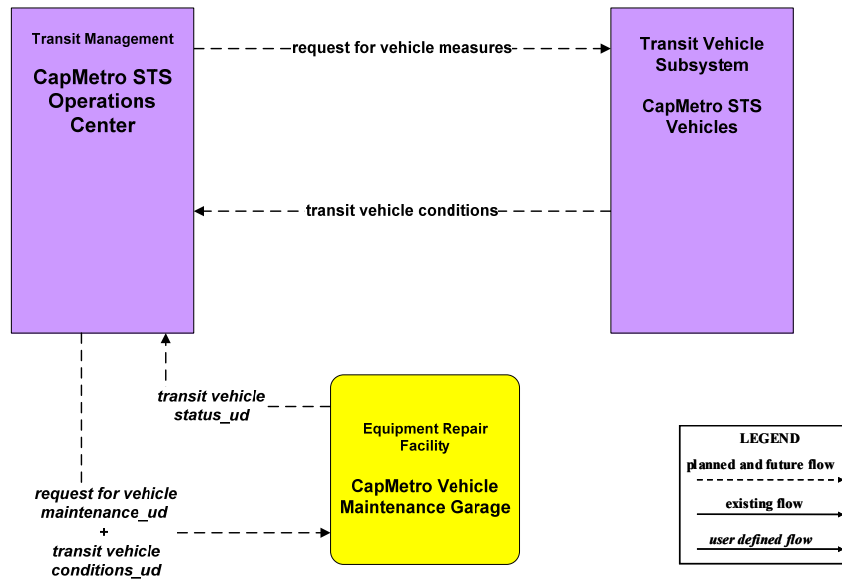


Figure C263 – APTS6 – Transit Maintenance  
CapMetro Transit (3 of 3)

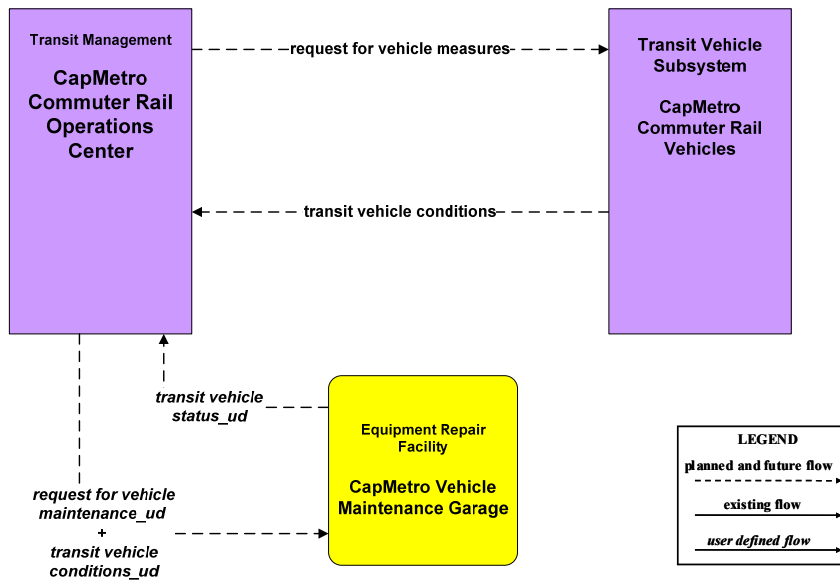
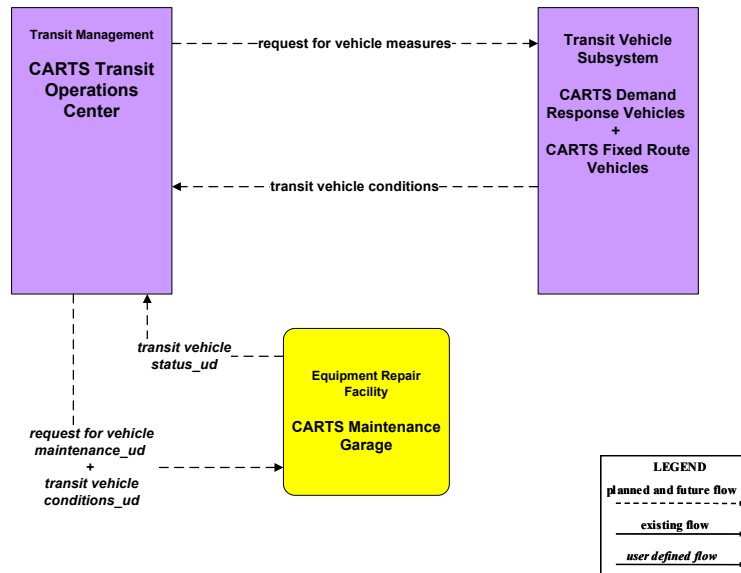
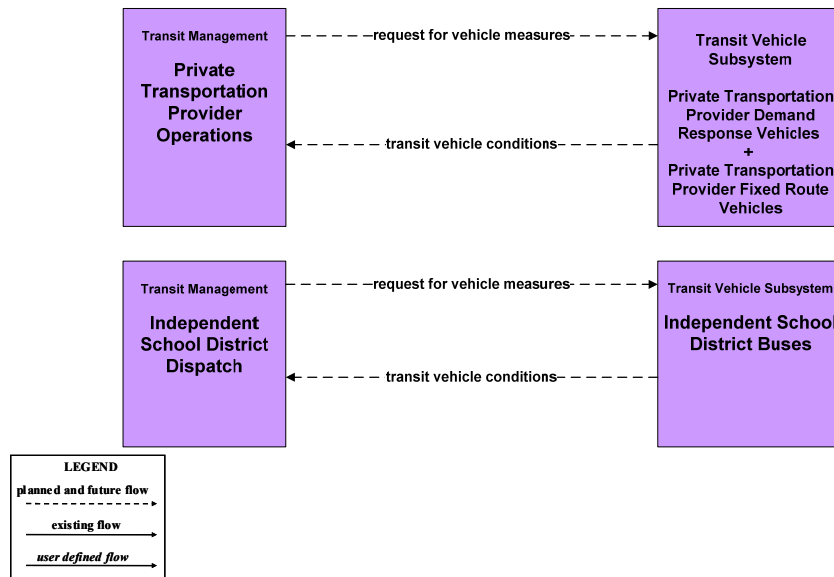


Figure C264 – APTS6 – Transit Maintenance  
CARTS Transit



**Figure C265 – APTS6 – Transit Maintenance  
Private Transportation Operations/Independent School Districts**



**Figure C266 – APTS7 – Multi-modal Coordination  
Regional Transit Coordination**

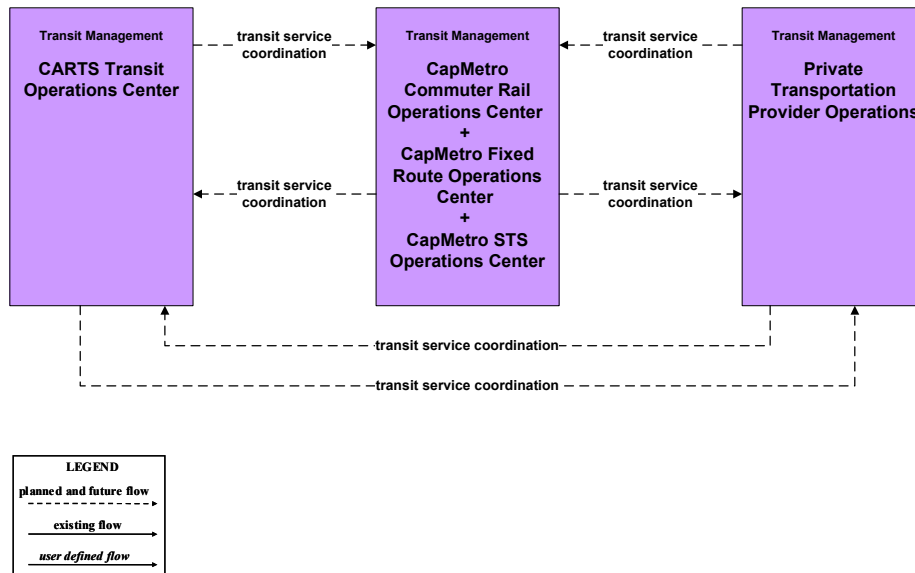


Figure C267 – APTS7 – Multi-modal Coordination  
CapMetro Transit Coordination (1 of 2)

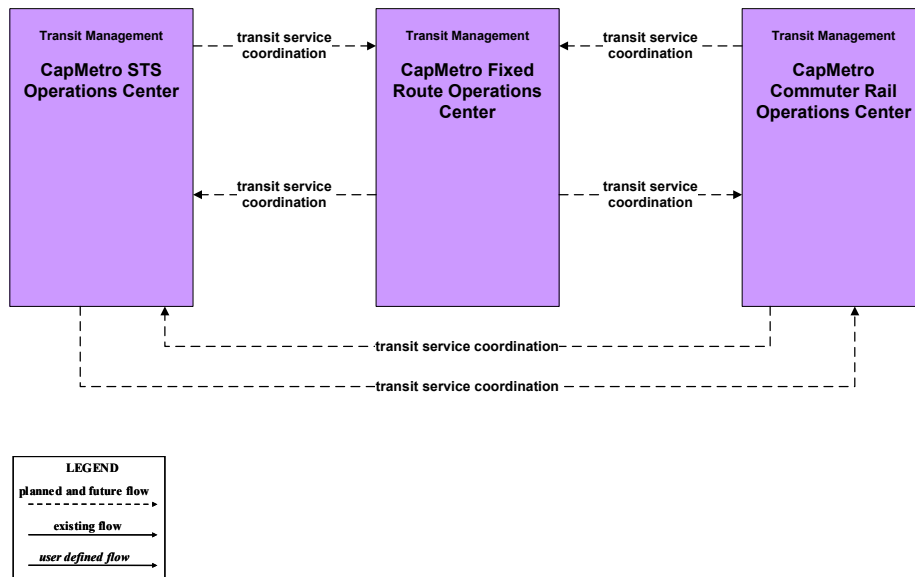
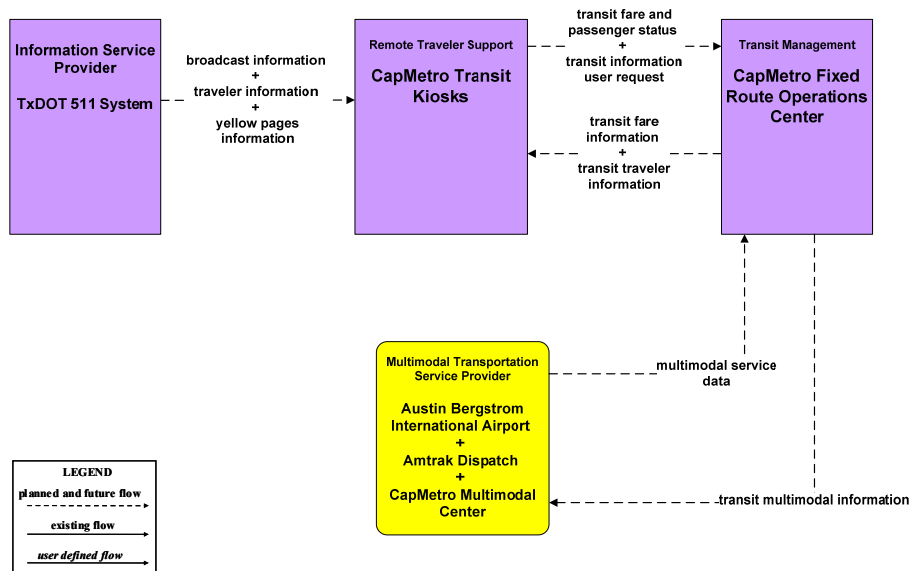
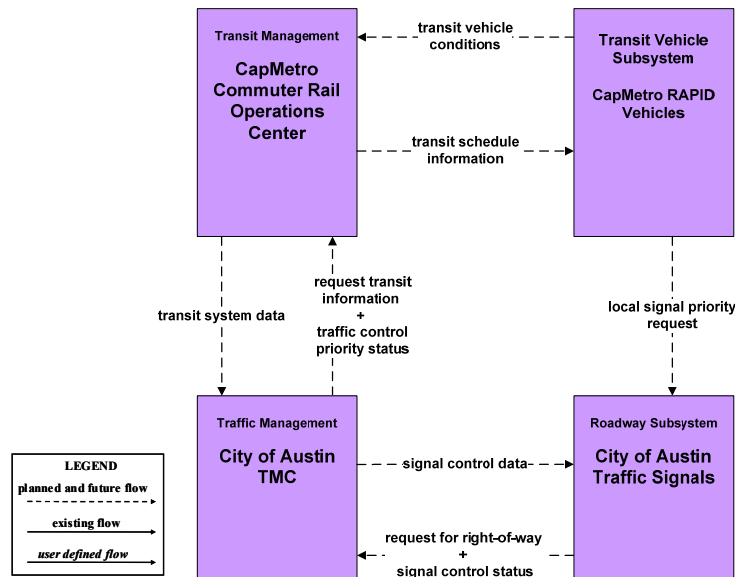


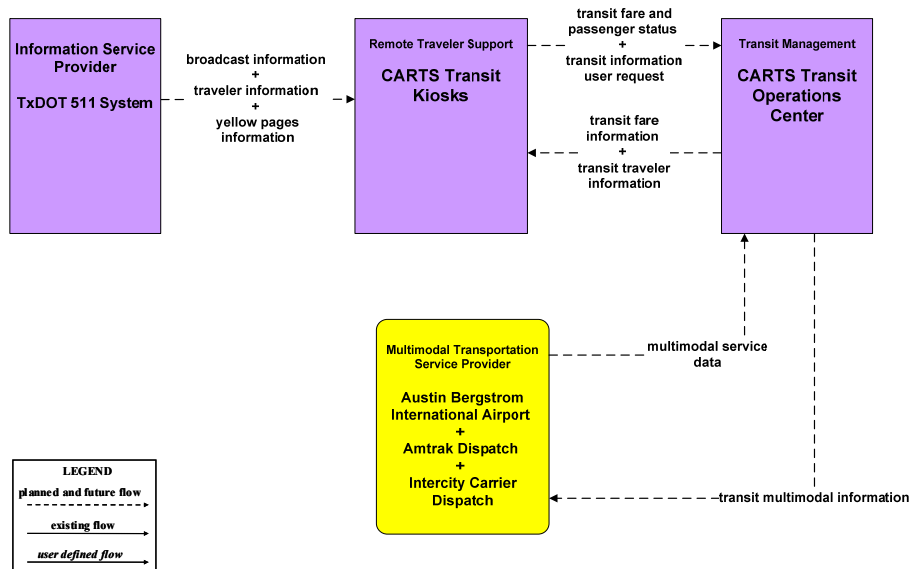
Figure C268 – APTS7 – Multi-modal Coordination  
CapMetro Transit Coordination (2 of 2)



**Figure C269 – APTS7 – Multi-modal Coordination  
CapMetro Bus Rapid Transit**

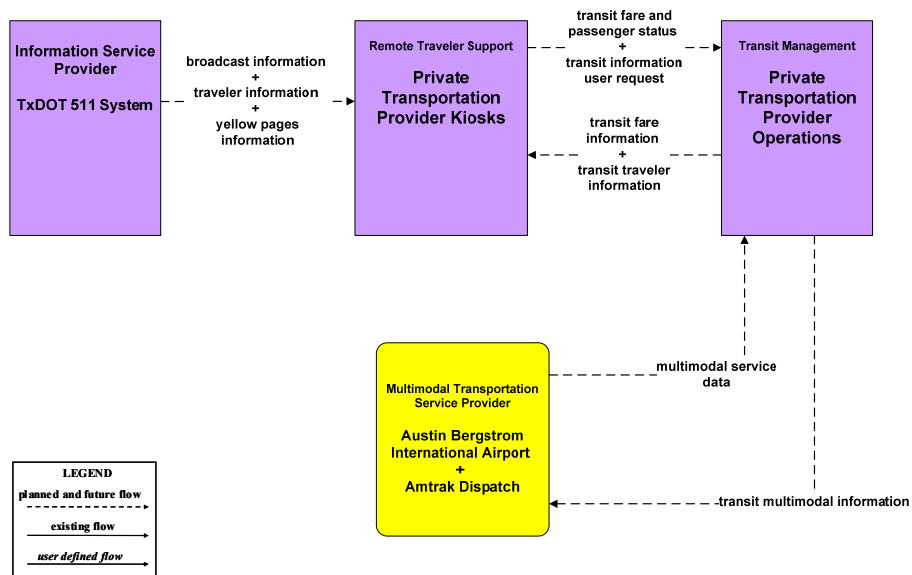


**Figure C270 – APTS7 – Multi-modal Coordination  
CARTS Transit**





**Figure C271 – APTS7 – Multi-modal Coordination  
Private Transportation Operations**



**Figure C272 – APTS8 – Transit Traveler Information  
CapMetro Transit**

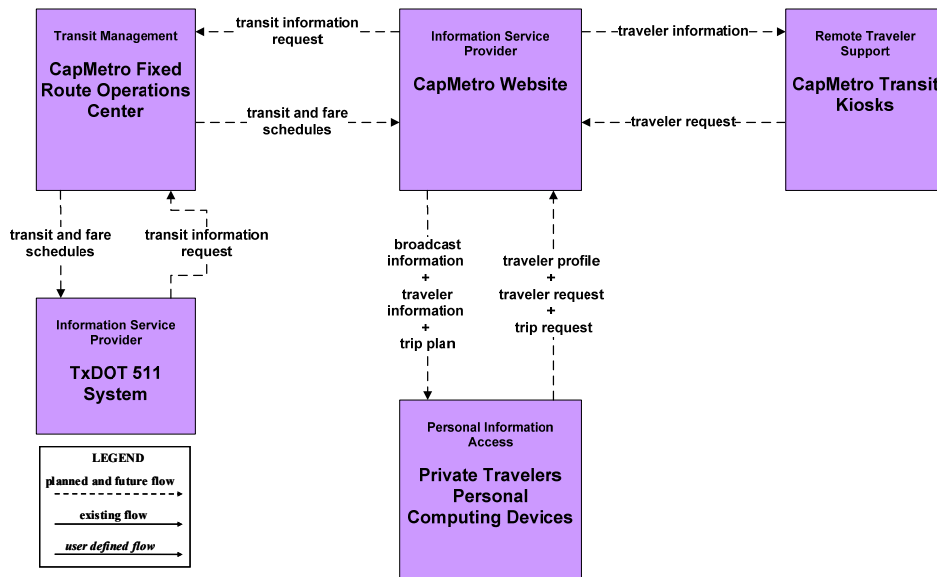


Figure C273 – APTS8 – Transit Traveler Information  
CARTS Transit

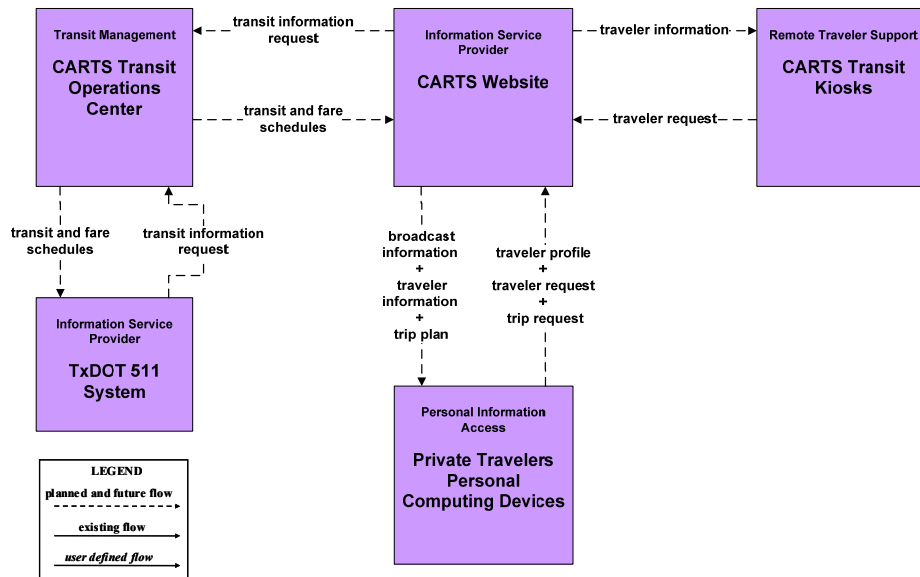
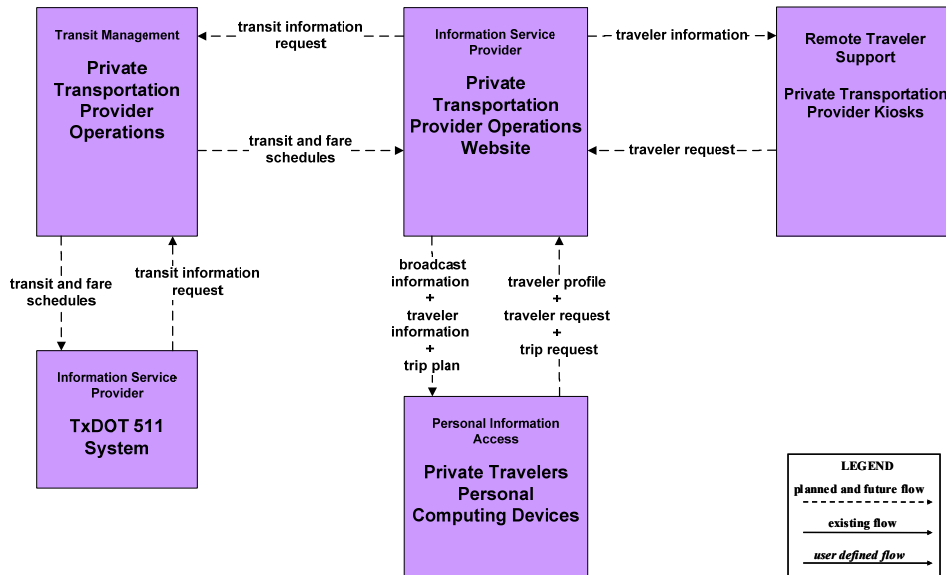
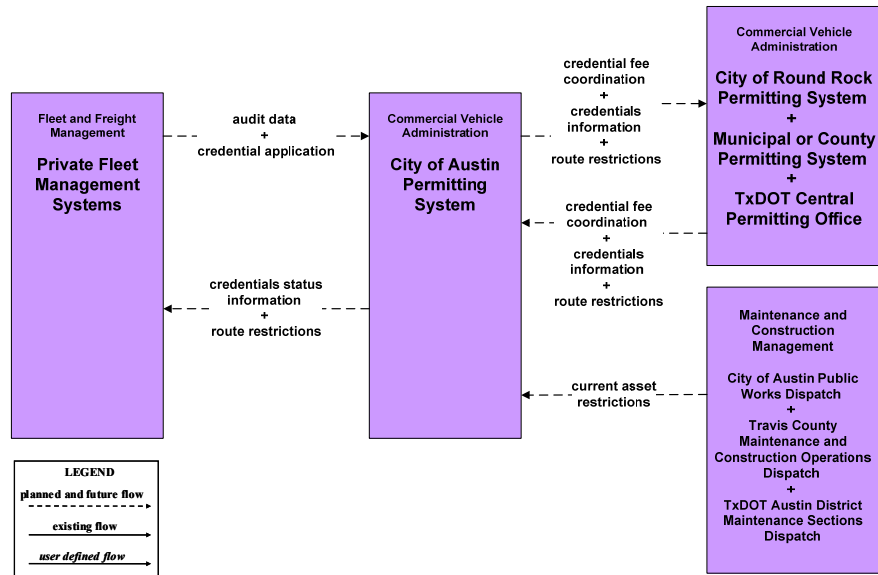


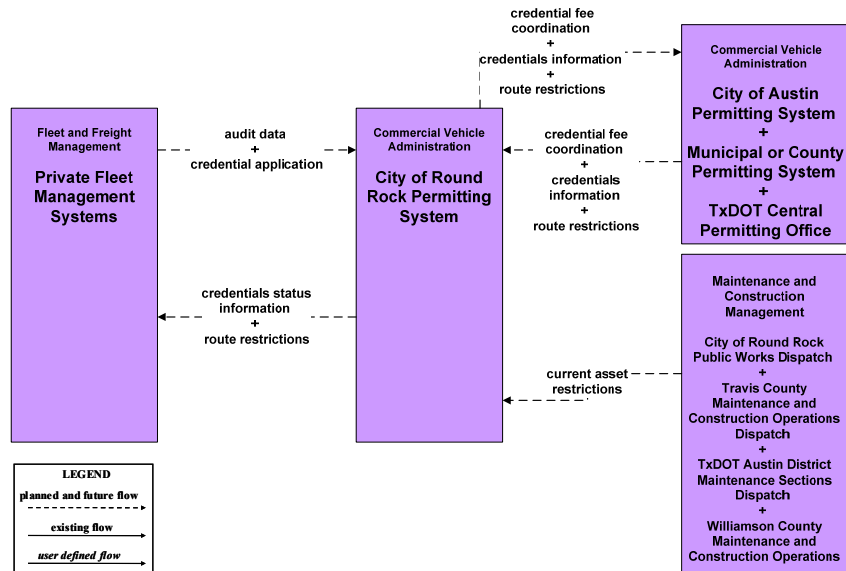
Figure C274 – APTS8 – Transit Traveler Information  
Private Transportation Operations



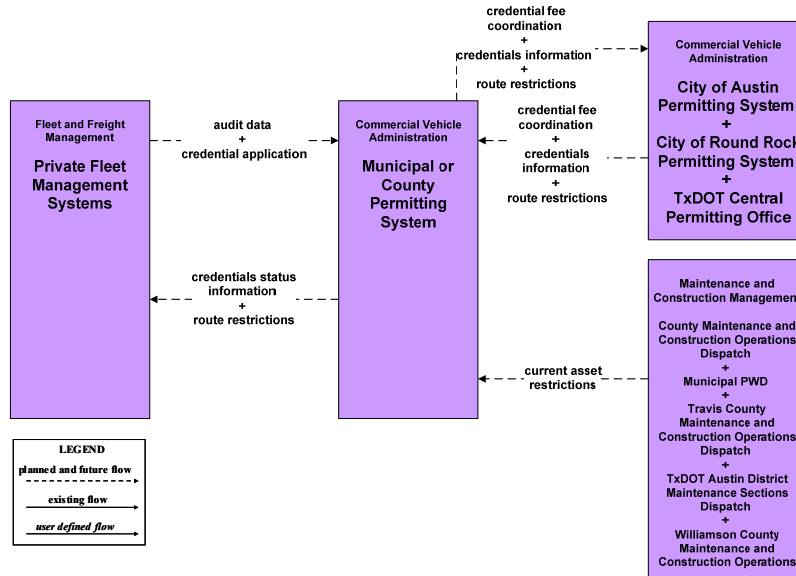
**Figure C275 – CVO04 – CV Administrative Processes  
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**Figure C276 – CVO04 – CV Administrative Processes  
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**Figure C277 – CVO04 – CV Administrative Processes  
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**Figure C278 – CVO04 – CV Administrative Processes  
TxDOT Central Permitting Office**

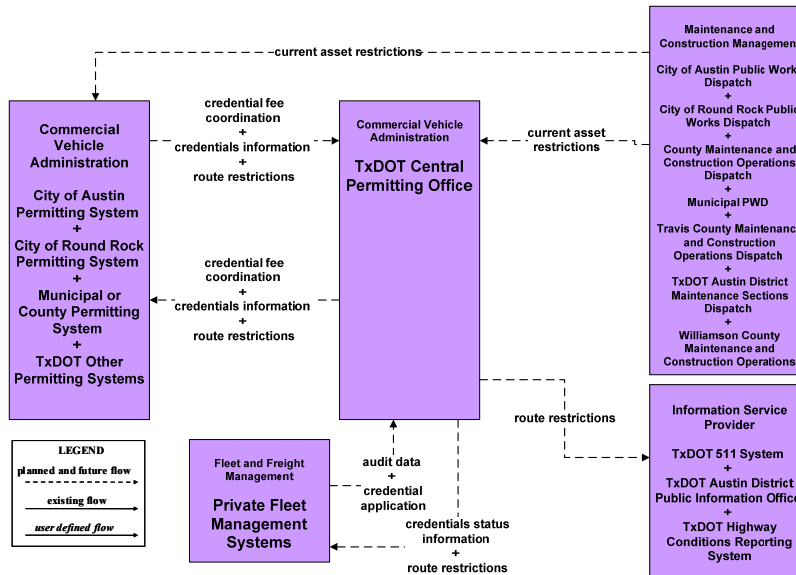


Figure C279 – CVO10 – HAZMAT Management Commercial Vehicles (1 of 2)

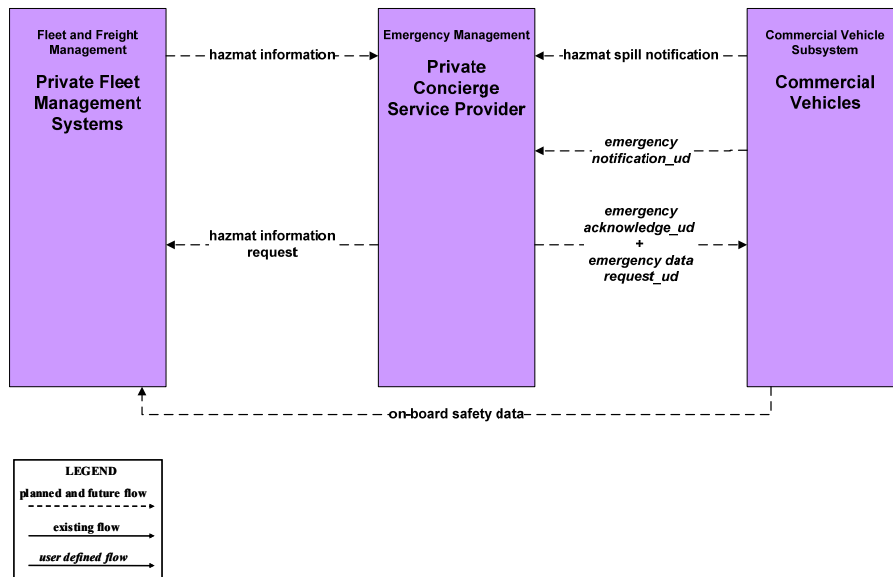


Figure C280 – CVO10 – HAZMAT Management Commercial Vehicles (2 of 2)

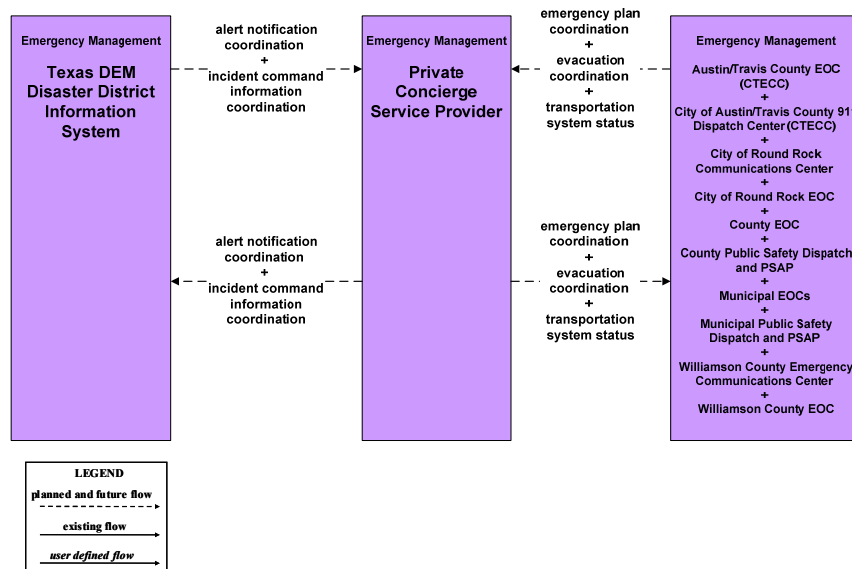


Figure C281 – CVO10 – HAZMAT Management Rail Cars

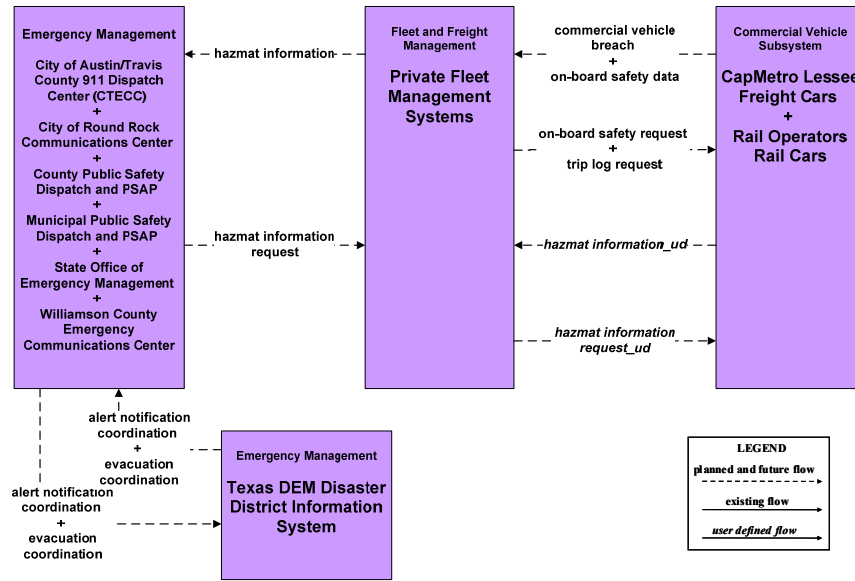
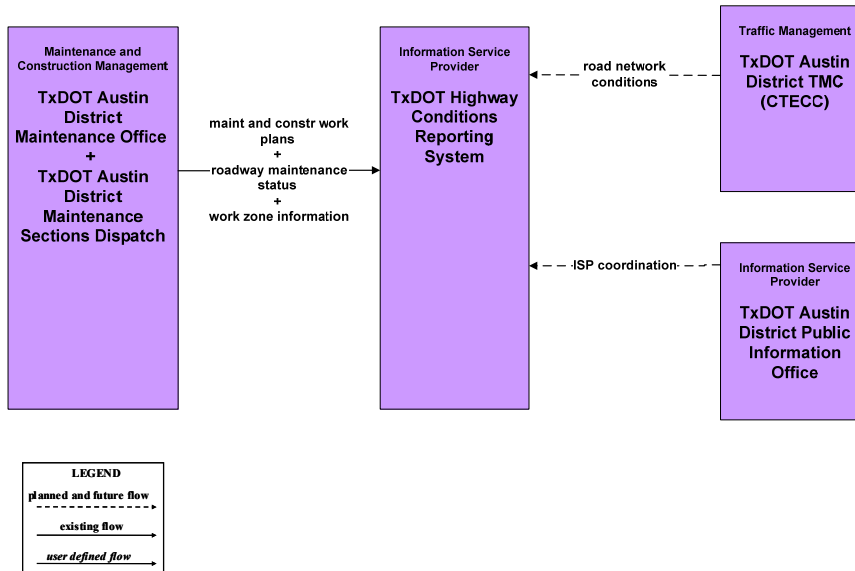
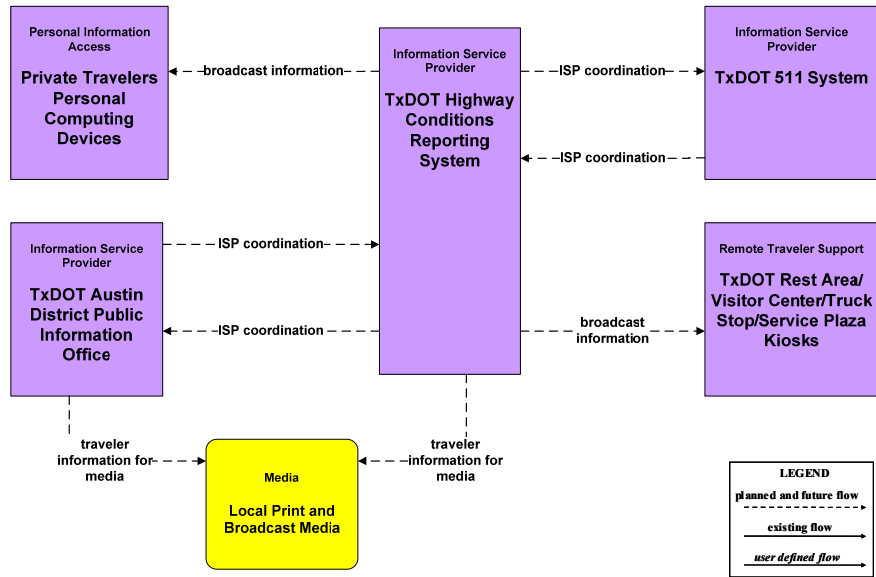


Figure C282 – ATIS1 – Broadcast Traveler Information TxDOT HCRS (Inputs)



**Figure C283 – ATIS1 – Broadcast Traveler Information  
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**Figure C284 – ATIS2 – Interactive Traveler Information  
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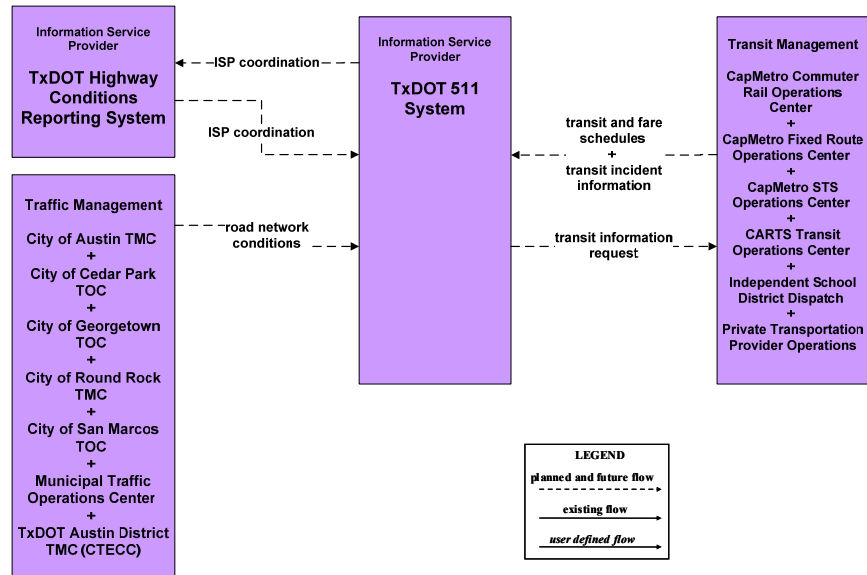


Figure C285 – ATIS2 – Interactive Traveler Information  
TxDOT 511 (2 of 2)

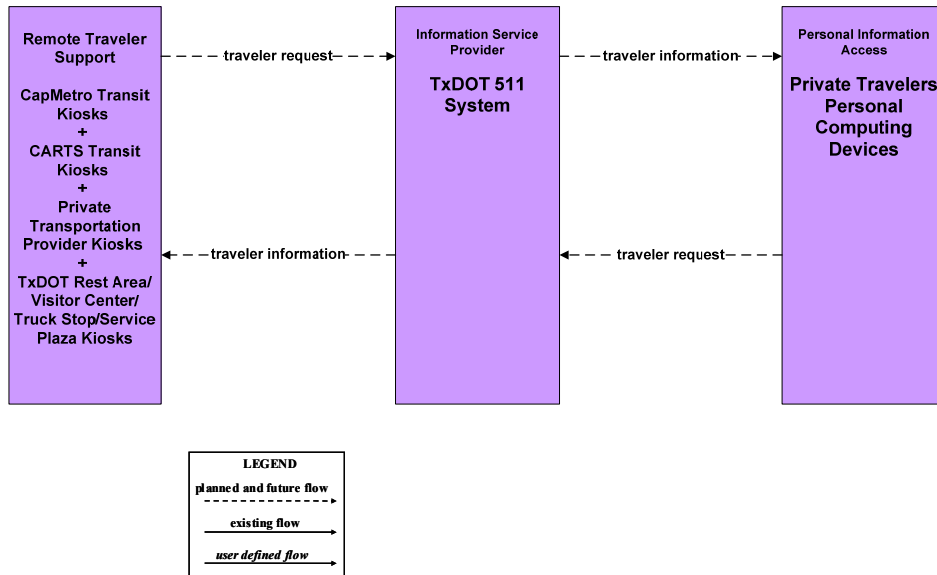


Figure C286 – ATIS5 – ISP Based Route Guidance  
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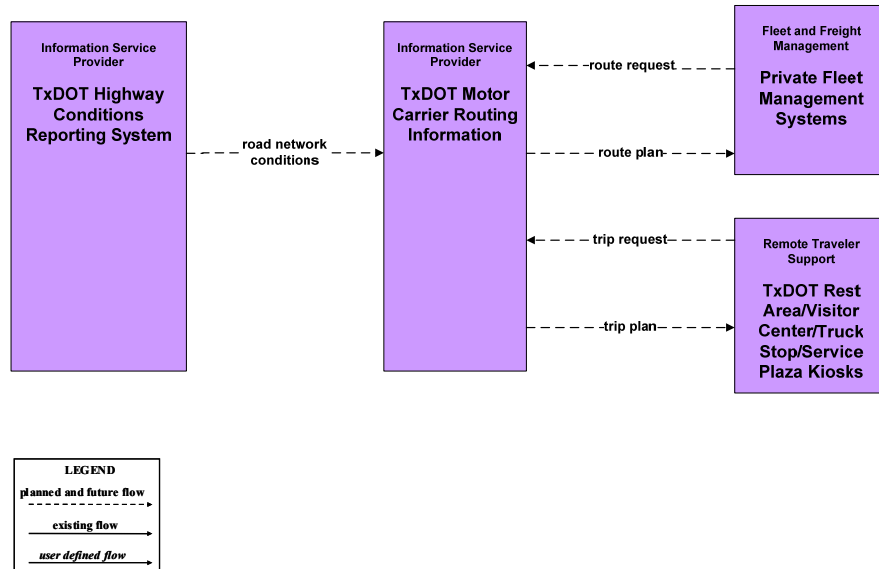




Figure C287 – AD1 – ITS Data Mart  
TxDOT Austin District PTMS

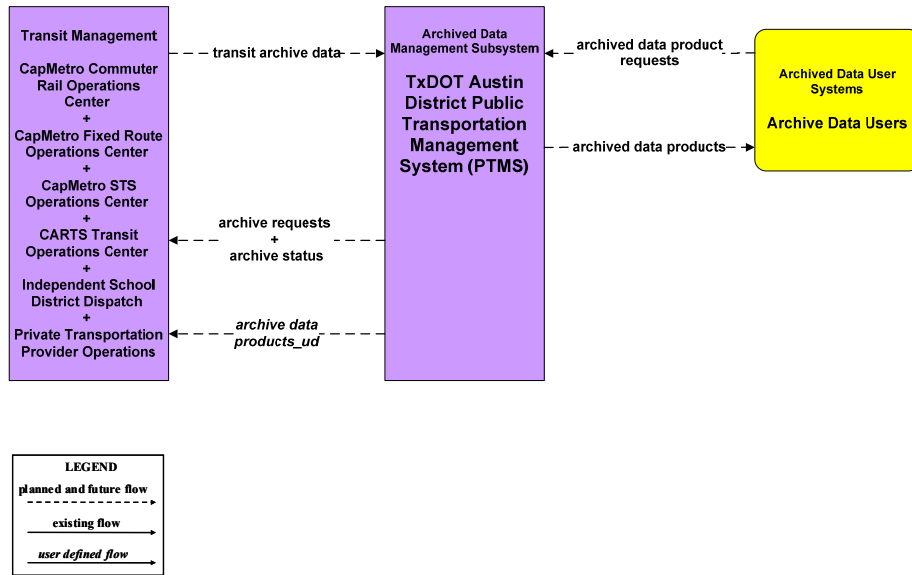
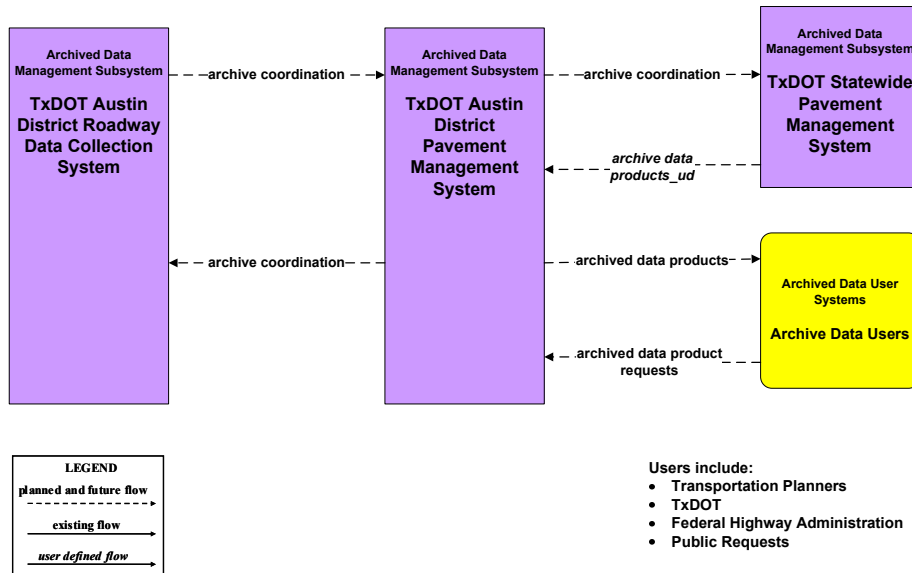
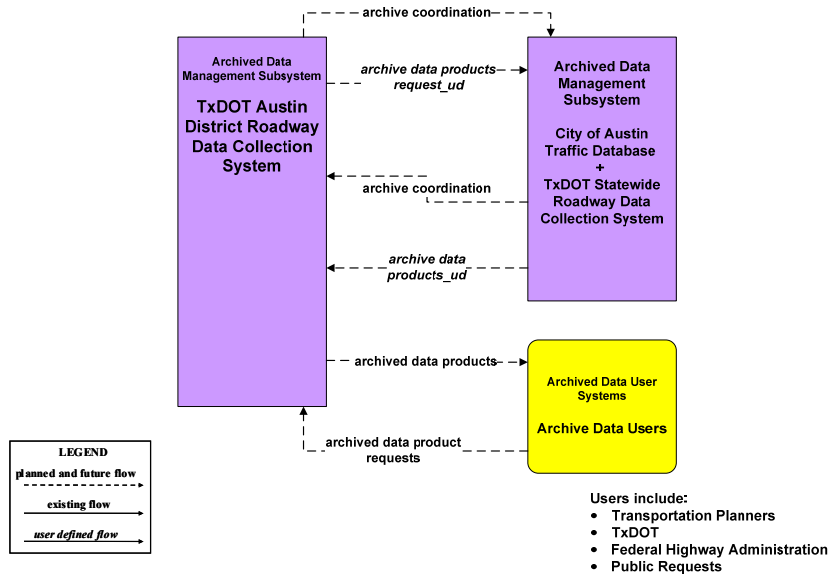


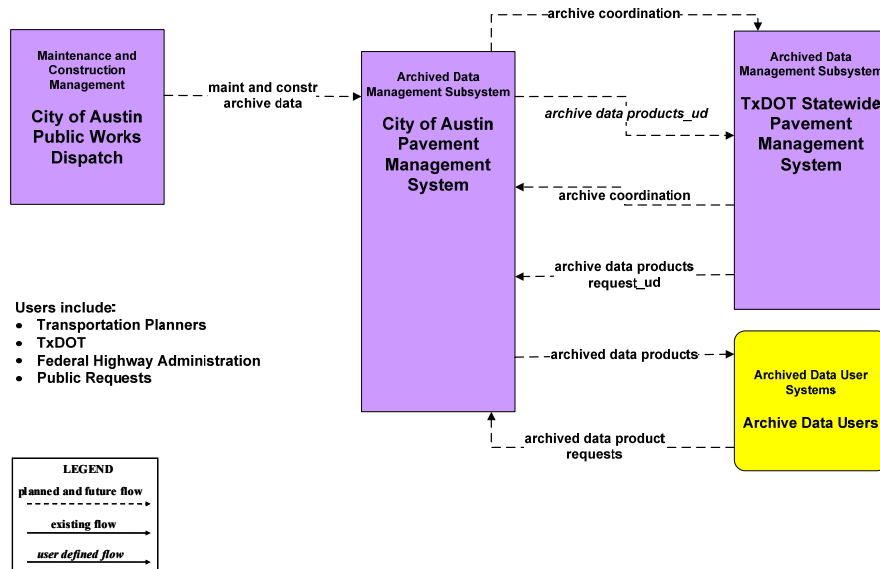
Figure C288 – AD1 – ITS Data Mart  
TxDOT Austin District Pavement Management System



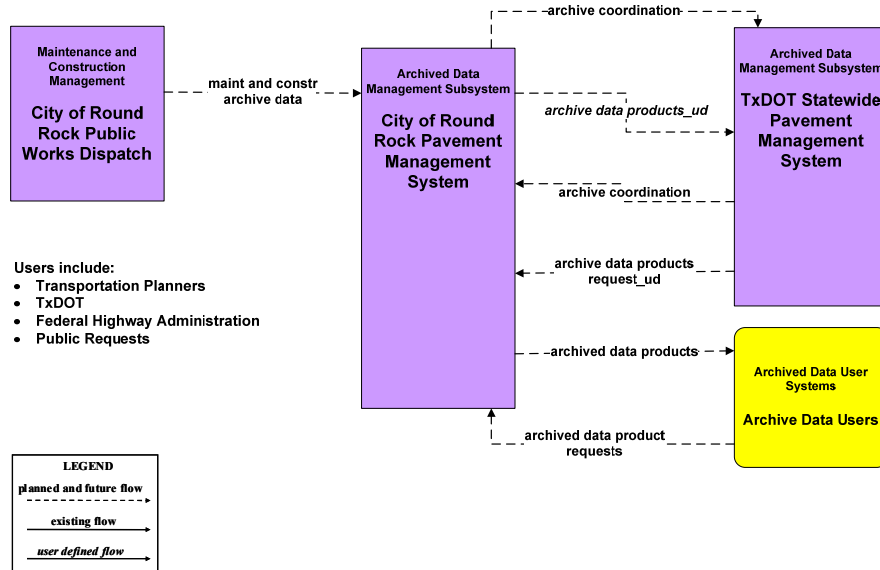
**Figure C289 – AD1 – ITS Data Mart  
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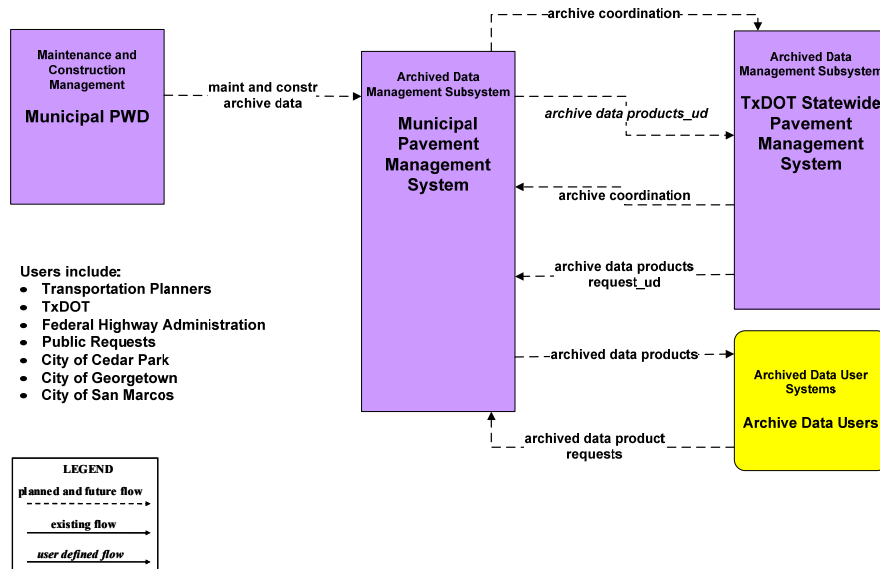
**Figure C290 – AD1 – ITS Data Mart  
City of Austin Pavement Management System**



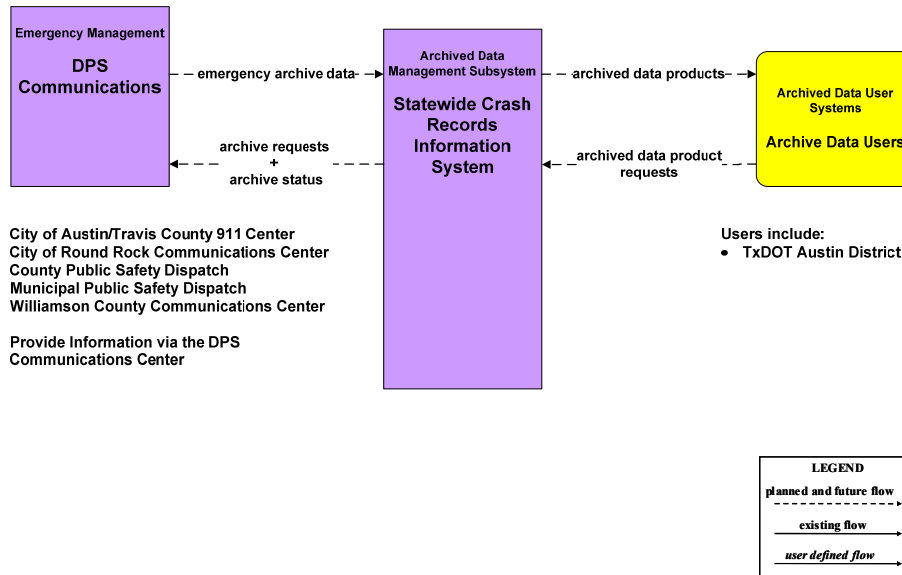
**Figure C291 – AD1 – ITS Data Mart  
City of Round Rock Pavement Management System**



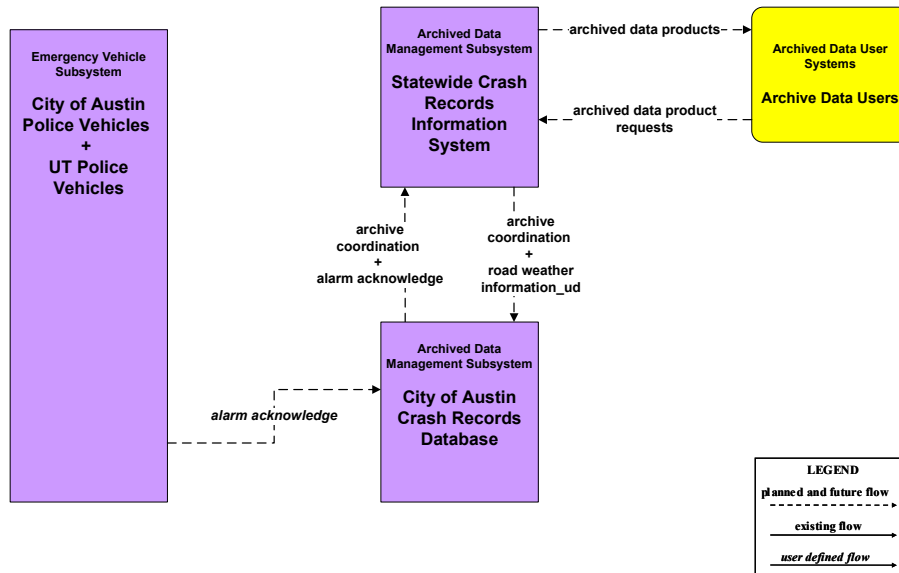
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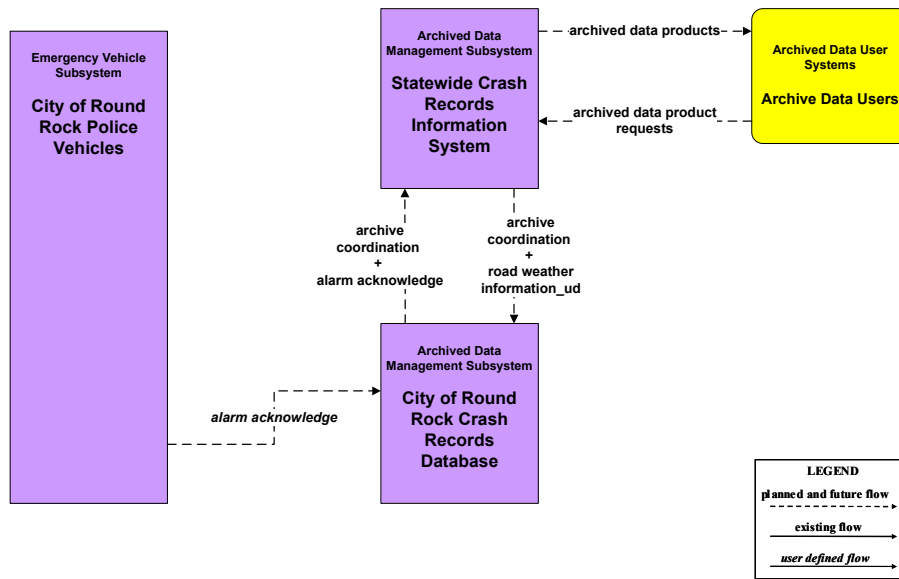
**Figure C293 – AD1 – ITS Data Mart  
Statewide Crash Records Information System**



**Figure C294 – AD1 – ITS Data Mart  
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**Figure C295 – AD1 – ITS Data Mart  
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**Figure C296 – AD1 – ITS Data Mart  
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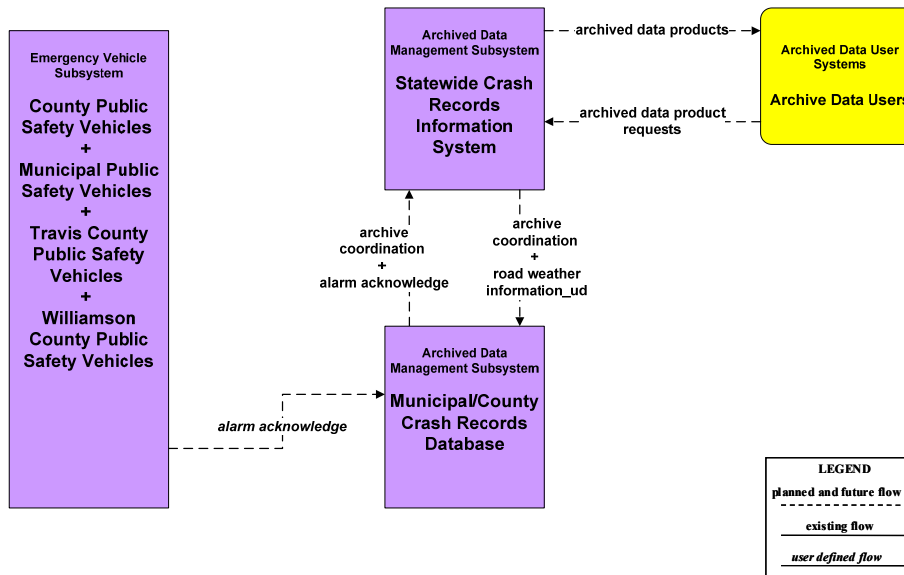


Figure C297 – AD1 – ITS Data Mart  
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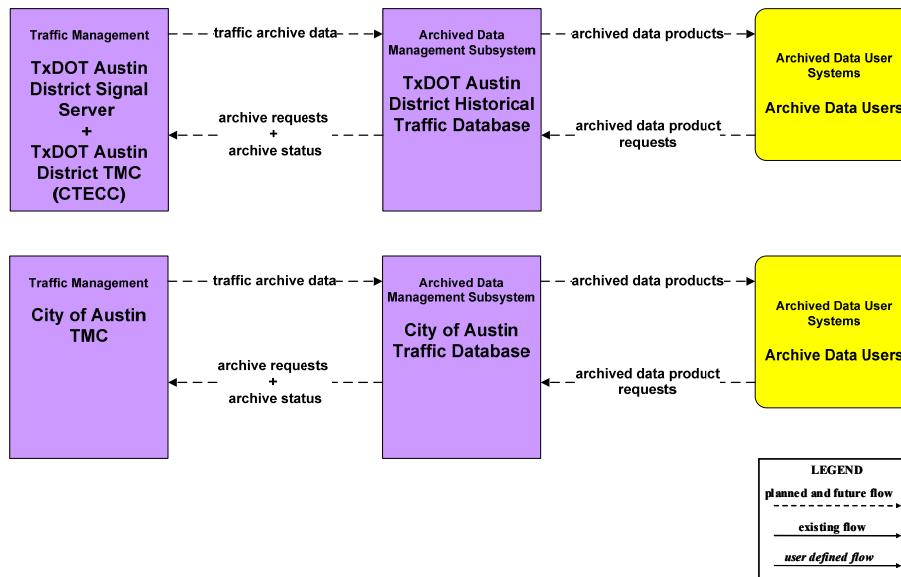


Figure C298 – AD2 – ITS Data Warehouse  
Capital Area MPO (1 of 2)

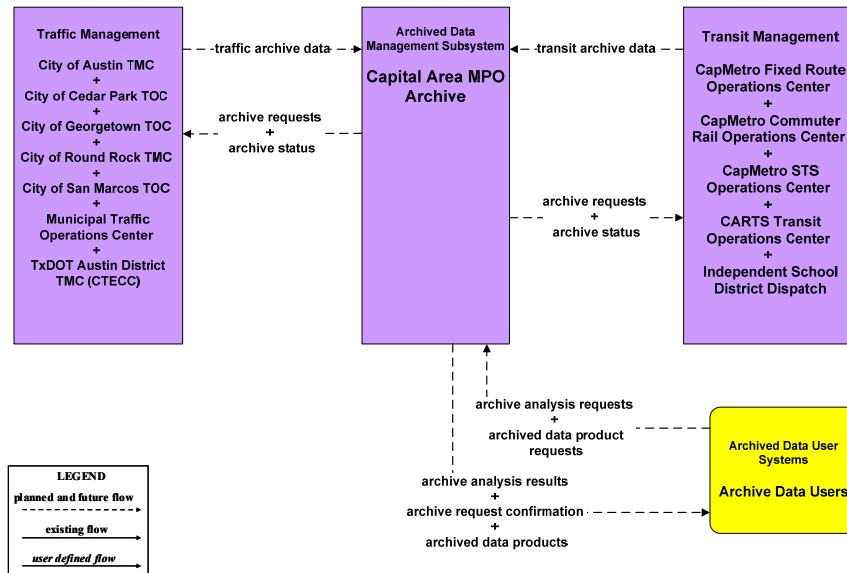


Figure C299 – AD2 – ITS Data Warehouse  
Capital Area MPO (2 of 2)

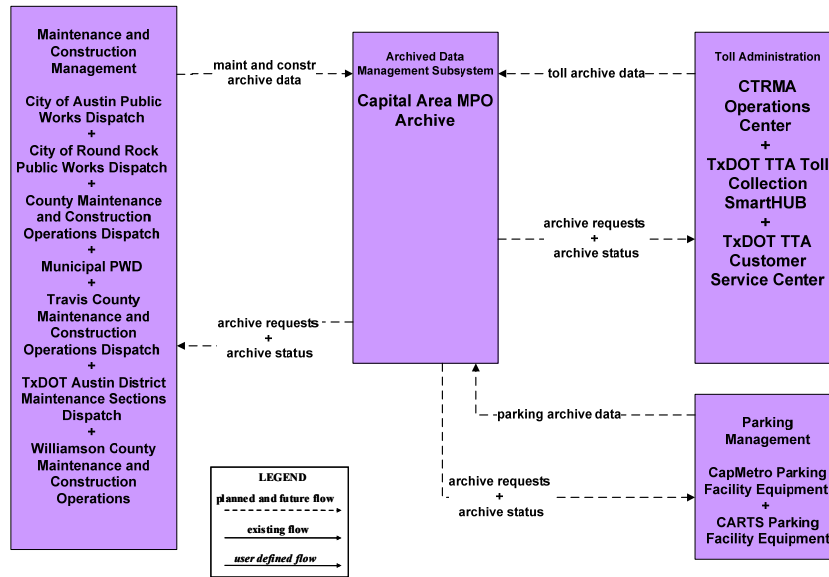
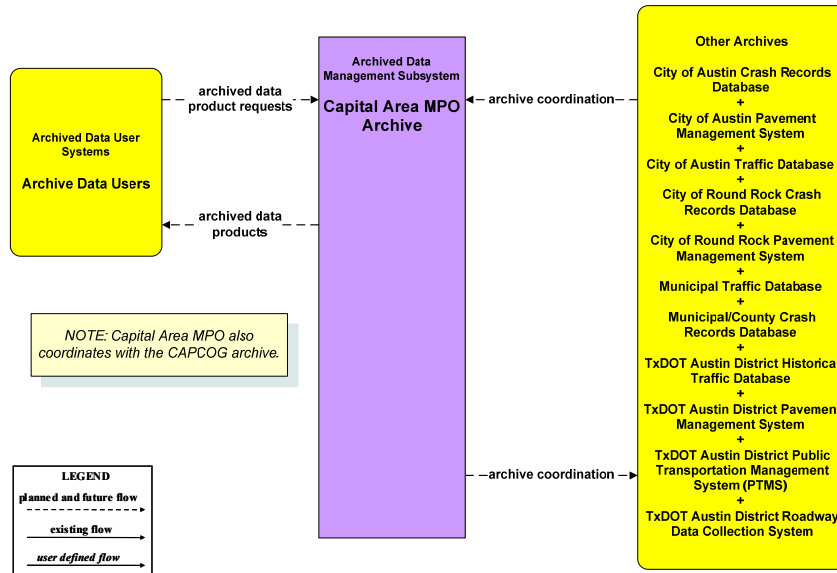
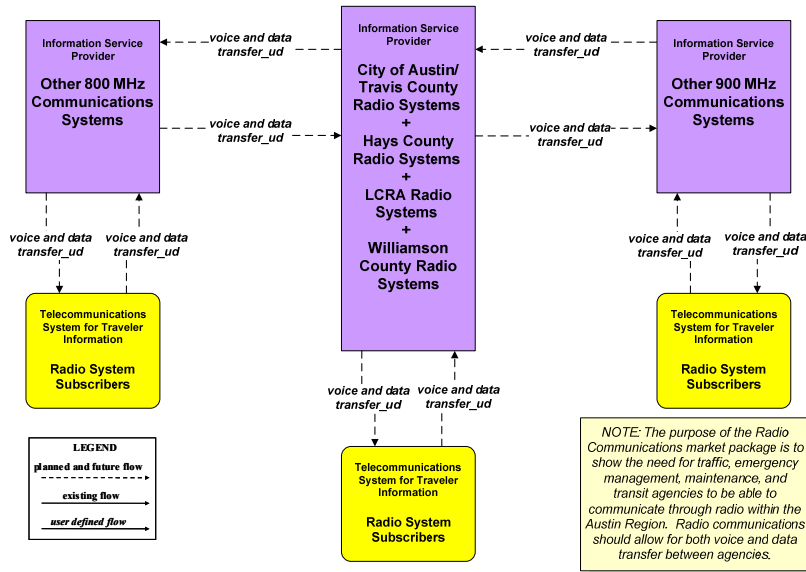


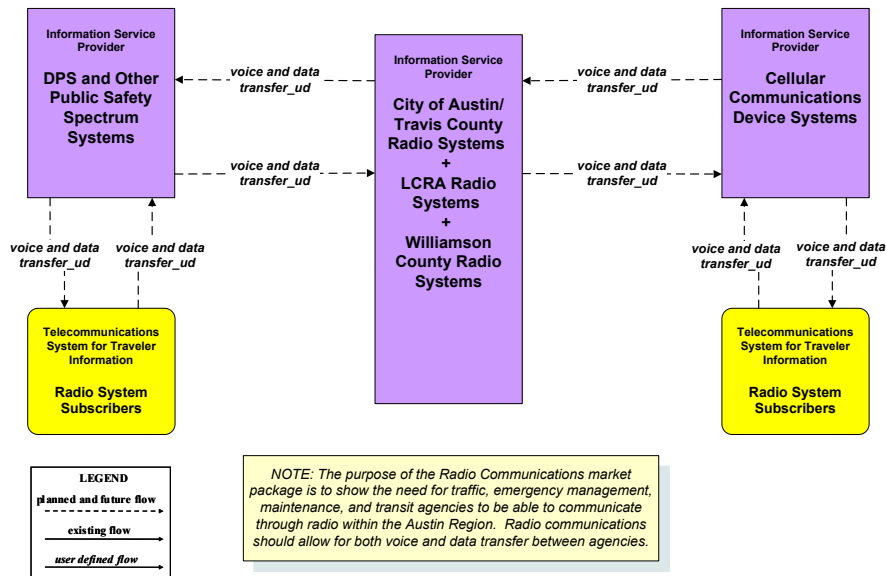
Figure C300 – AD3 – ITS Virtual Data Warehouse  
Capital Area MPO



**Figure C301 – RCN01 – Radio Communications  
Austin Region Radio Network (1 of 2)**



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## **APPENDIX D – INTERFACE DIAGRAMS**

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Figure D1 – ABIA Police Dispatch Interfaces

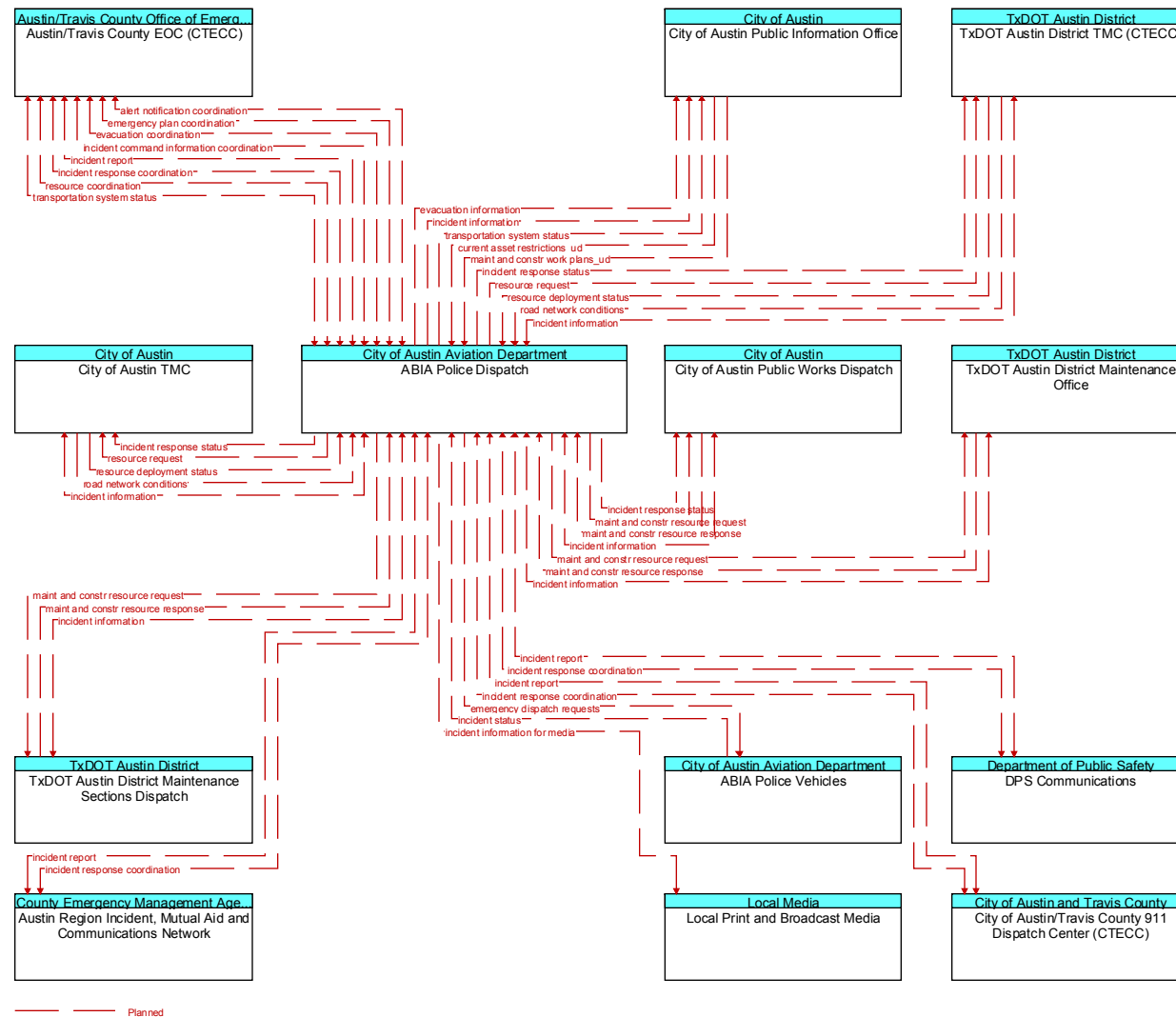




Figure D2 – ABIA Police Vehicles Interfaces

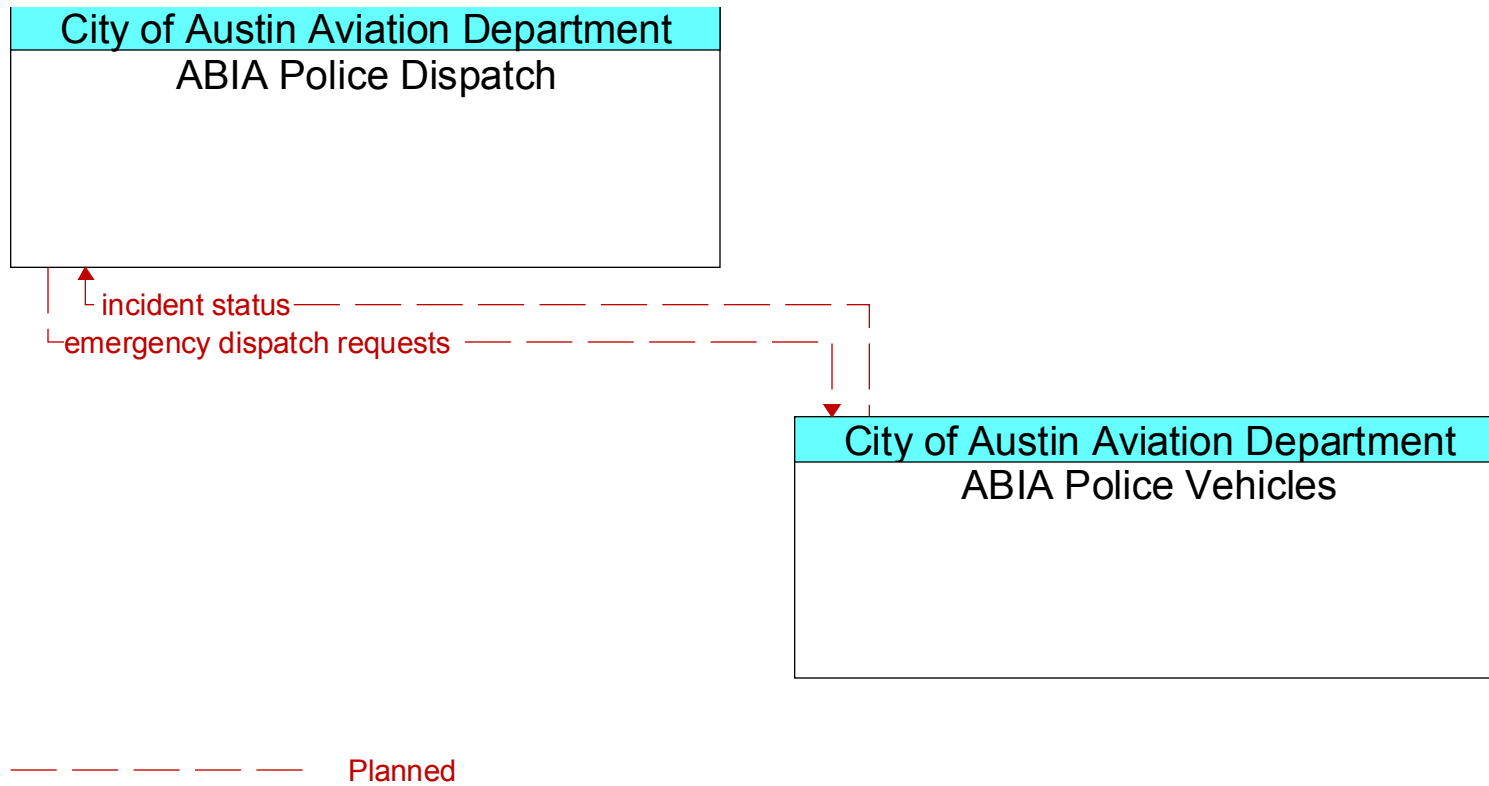


Figure D3 – Amtrak Dispatch Interfaces

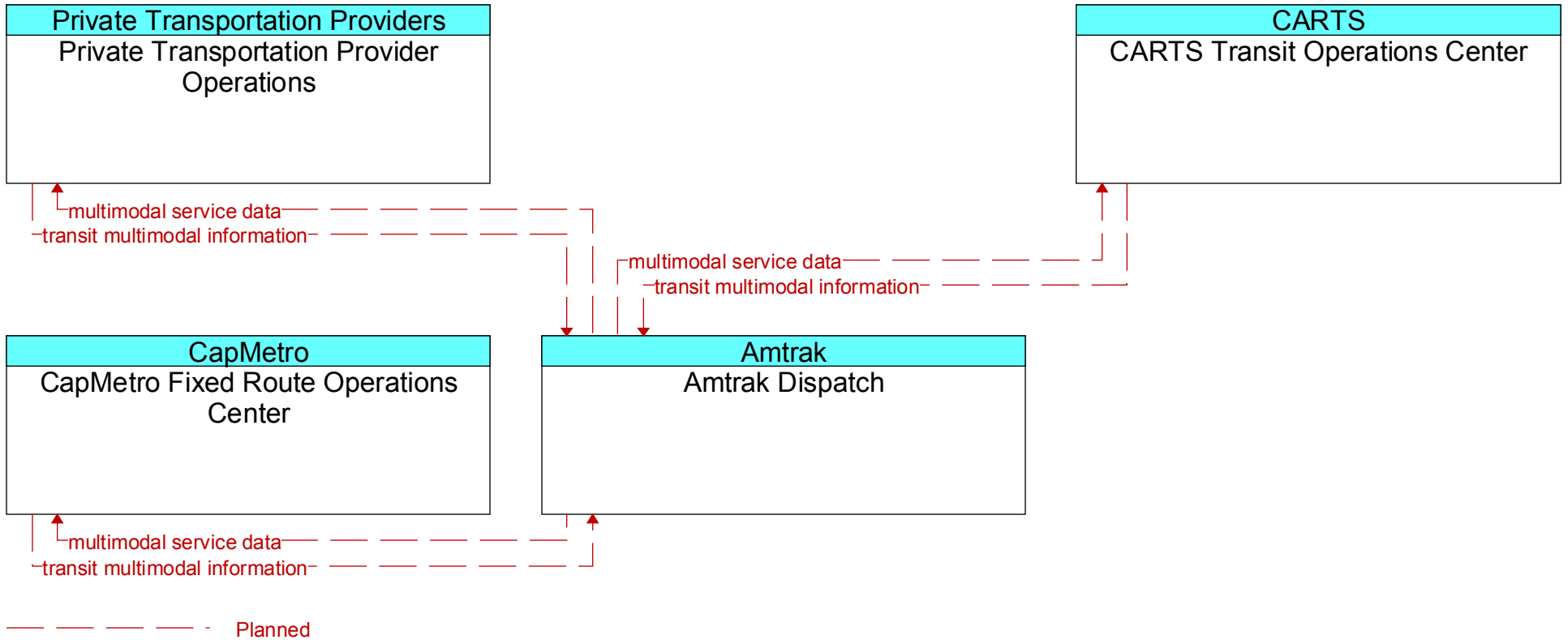


Figure D4 – Archive Data Users Interfaces

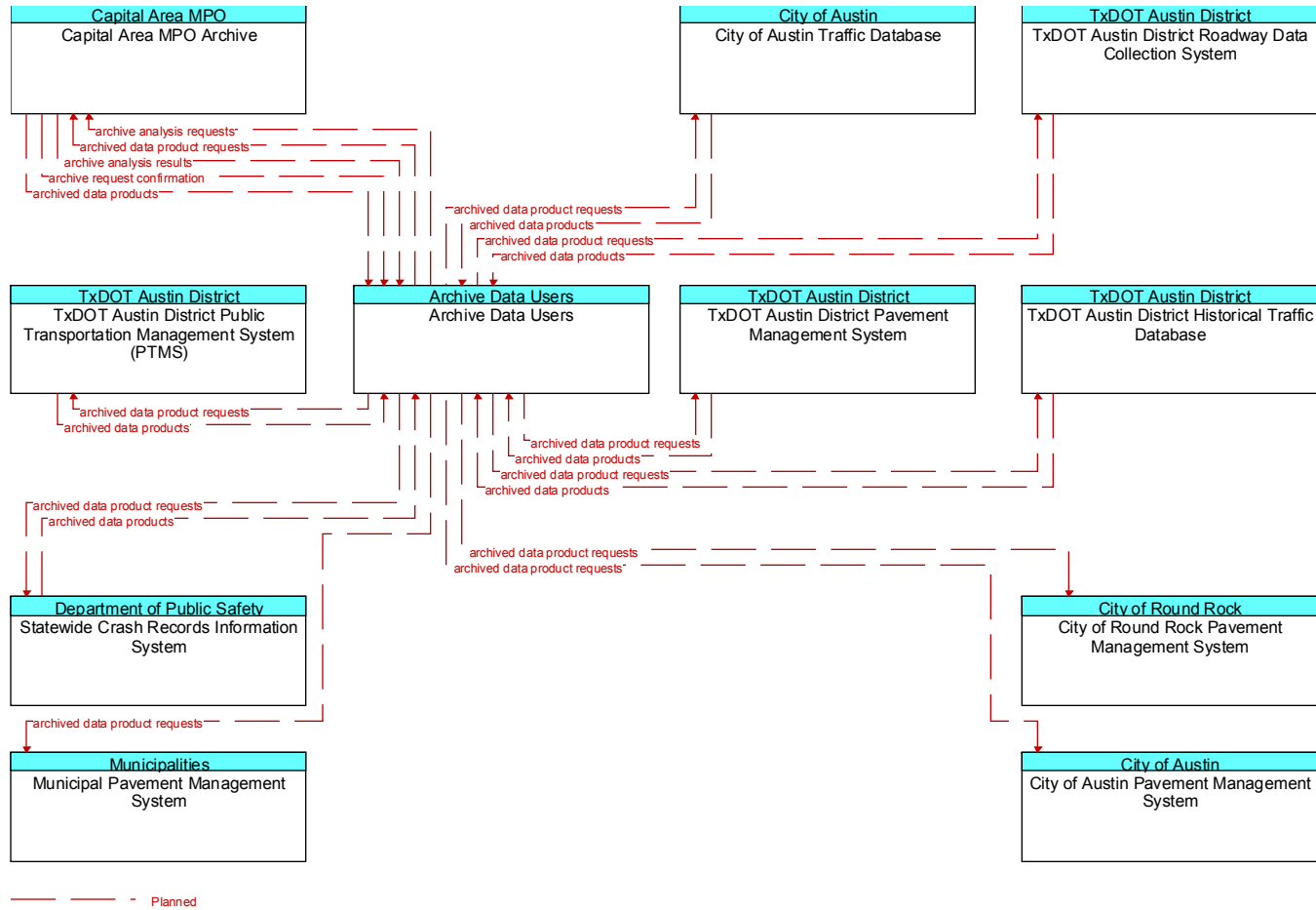


Figure D5 – Army Corps of Engineers Flood Detectors Interfaces

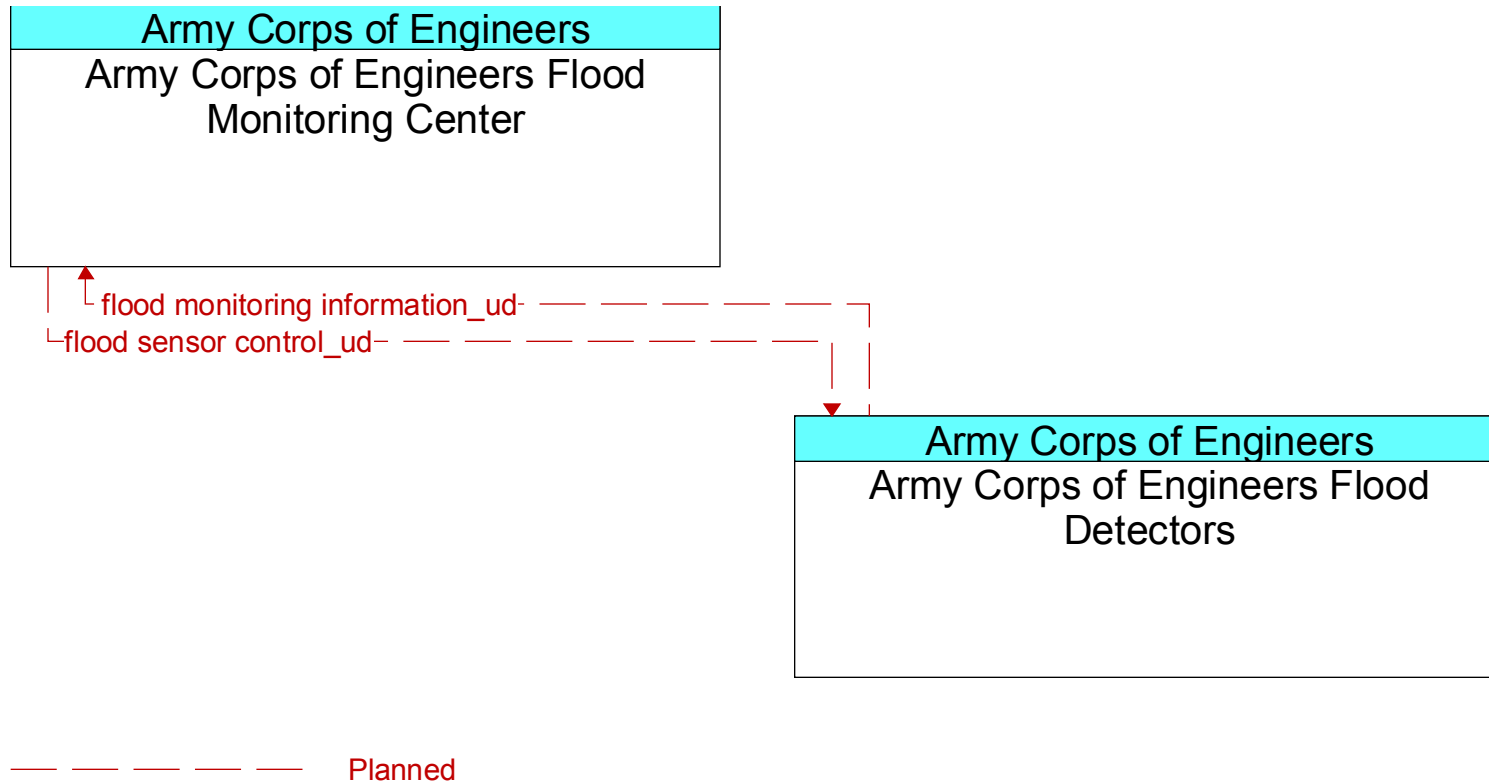


Figure D6 – Army Corps of Engineers Flood Monitoring Center Interfaces

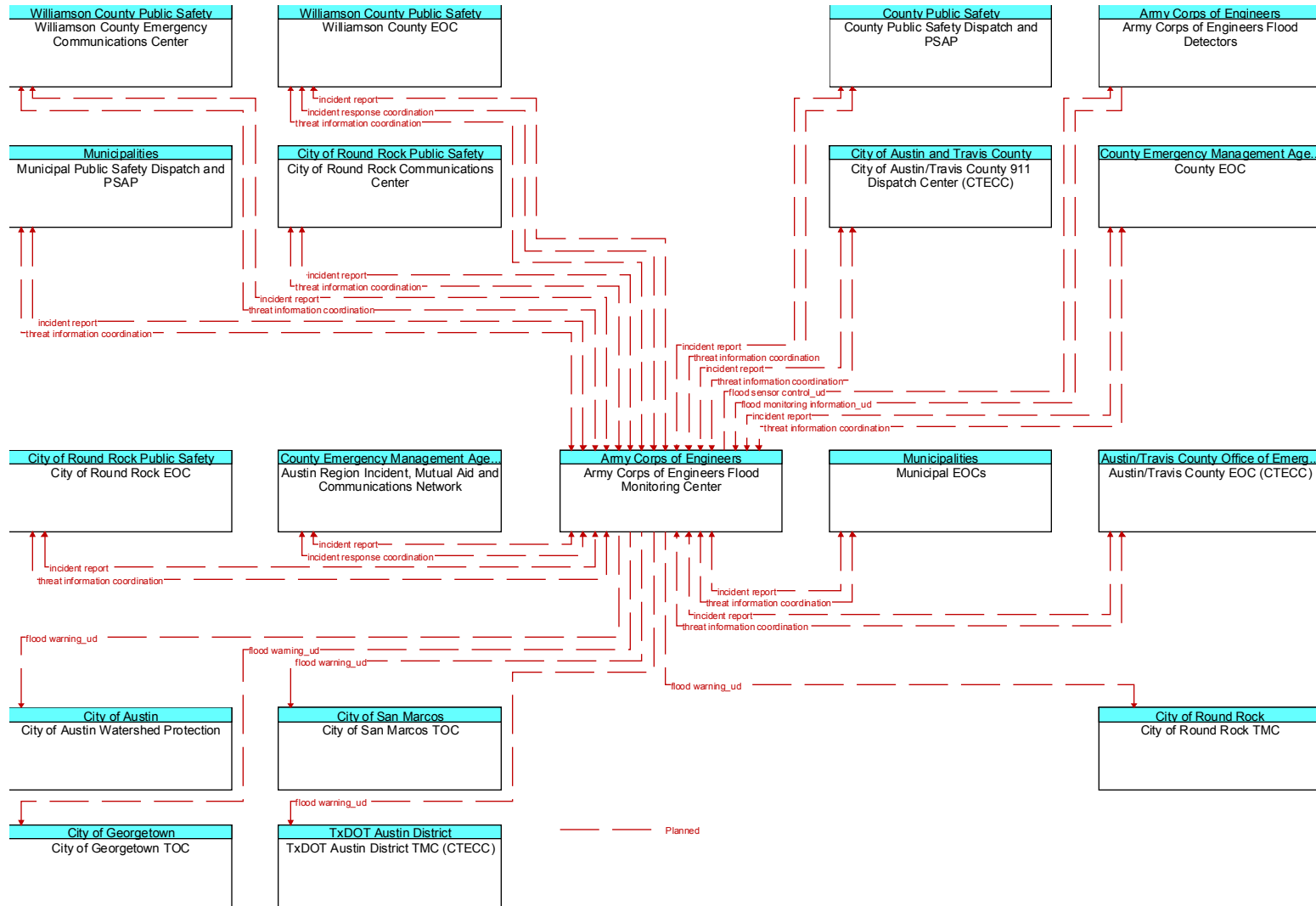


Figure D7 – Austin Bergstrom International Airport Interfaces

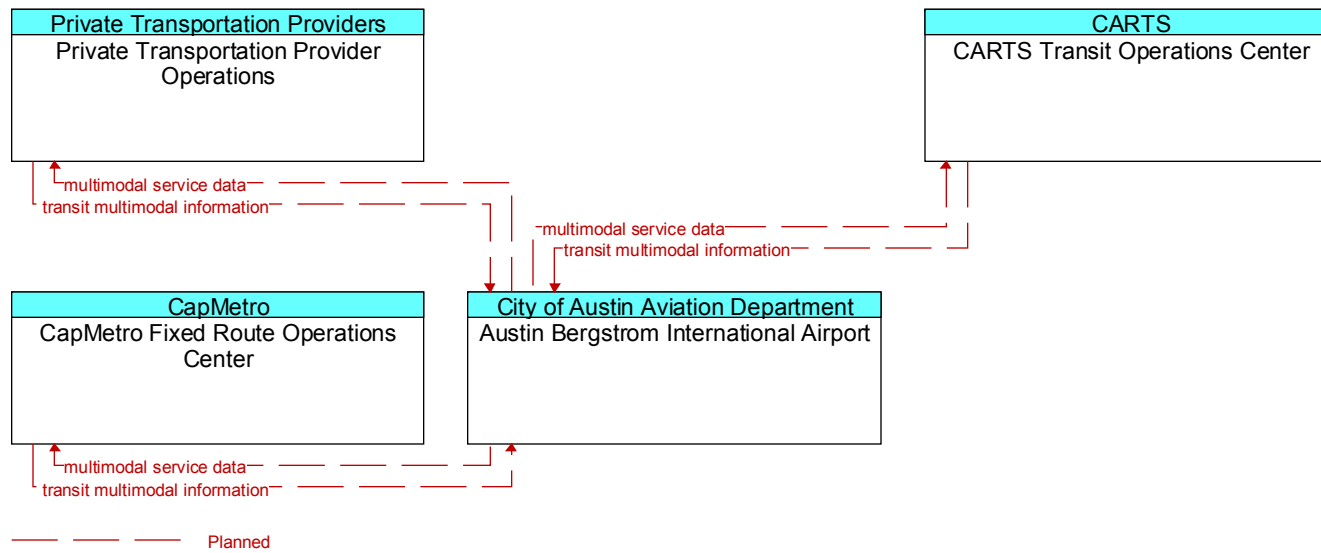


Figure D8 – Austin Region Incident, Mutual Aid and Communications Network Interfaces

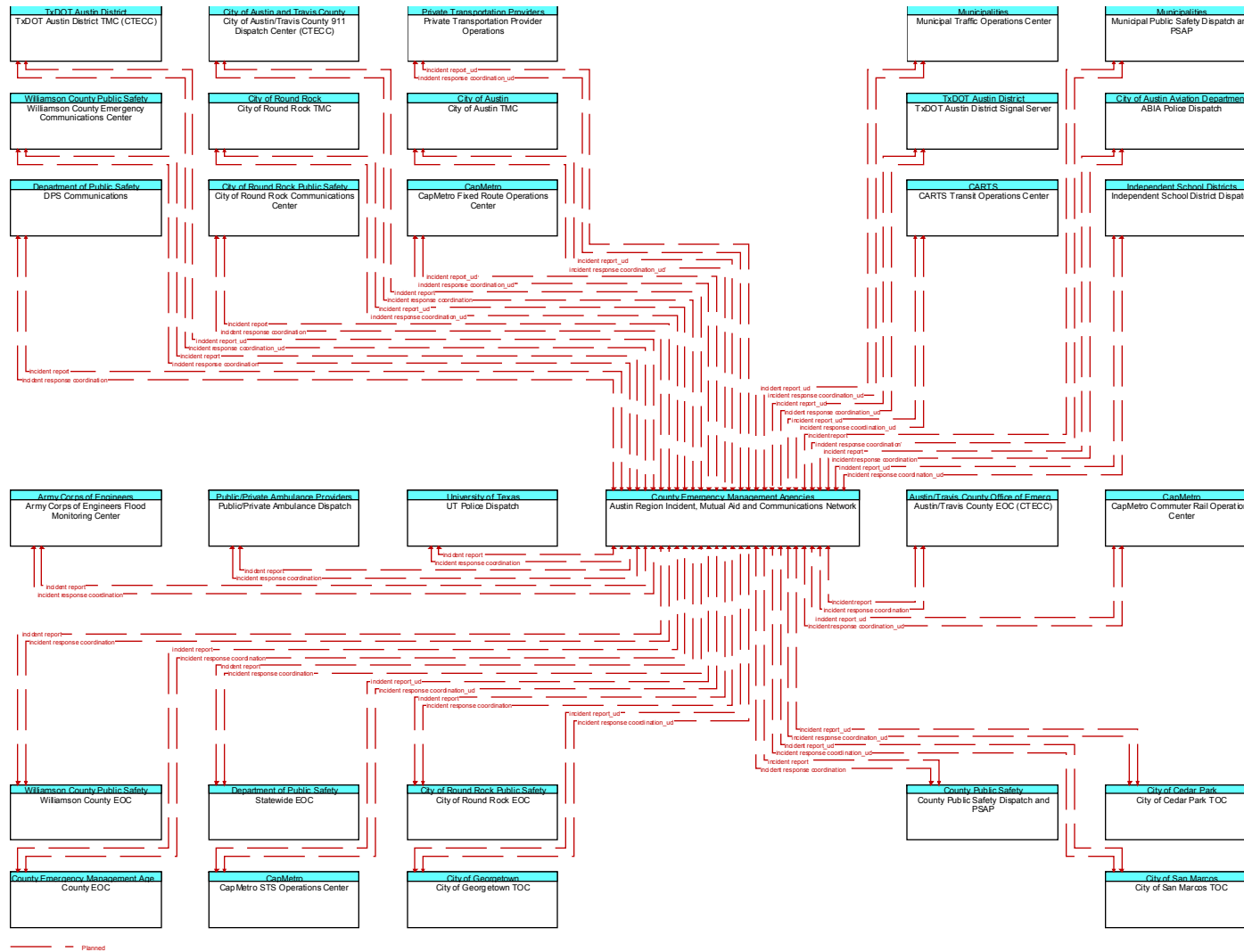
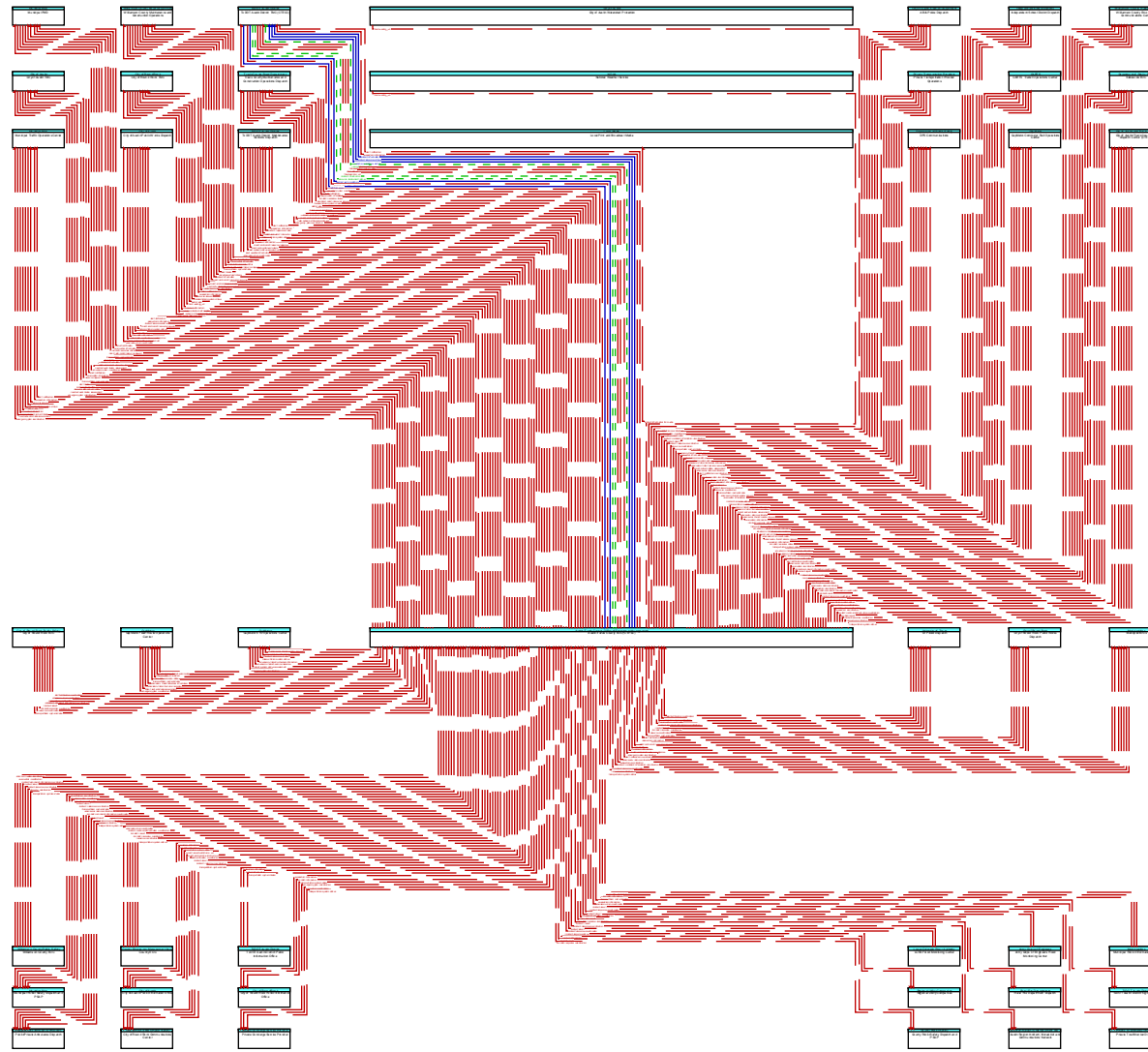


Figure D9 – Austin/Travis County EOC (CTECC) Interfaces





Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC)	ABIA Police Dispatch	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	CapMetro Commuter Rail Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	CapMetro Fixed Route Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	CapMetro STS Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
incident response status		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	CARTS Transit Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	City of Austin Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Austin Public Works Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	City of Austin TMC	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
incident report		Planned	
incident response coordination		Planned	
resource coordination		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	City of Round Rock Communications Center	alert notification coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		transportation system status	Planned
	City of Round Rock EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	City of Round Rock Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Round Rock Public Works Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		maint and constr resource request	Planned
	City of Round Rock TMC	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
County EOC	emergency plan coordination	Planned	
	incident command information coordination	Planned	
	incident report	Planned	
	incident response coordination	Planned	

Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	County EOC (continued)	resource coordination	Planned
		transportation system status	Planned
	County Public Safety Dispatch and PSAP	incident report	Planned
		incident response coordination	Planned
	DPS Communications	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Independent School District Dispatch	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	LCRA Flood Monitoring Center	incident report	Planned
		incident response coordination	Planned
	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned

Source Element	Destination Element	Flow	Status	
Austin/Travis County EOC (CTECC) (continued)	Municipal Public Information Office	evacuation information	Planned	
		incident information	Planned	
		transportation system status	Planned	
	Municipal Public Safety Dispatch and PSAP	Municipal Public Safety Dispatch and PSAP	alert notification coordination	Planned
			emergency plan coordination	Planned
			evacuation coordination	Planned
			incident report	Planned
			incident response coordination	Planned
			transportation system status	Planned
	Municipal PWD	Municipal PWD	alert notification	Planned
			emergency plan coordination	Planned
			evacuation information	Planned
			incident response status	Planned
			maint and constr resource request	Planned
			transportation system status	Planned
	Municipal Traffic Operations Center	Municipal Traffic Operations Center	alert notification	Planned
			emergency plan coordination	Planned
			evacuation information	Planned
			resource request	Planned
			transportation system status	Planned
	Private Concierge Service Provider	Private Concierge Service Provider	emergency plan coordination	Planned
evacuation coordination			Planned	
transportation system status			Planned	
Private Tow/Wrecker Dispatch	Private Tow/Wrecker Dispatch	incident report	Planned	
		incident response coordination	Planned	
Private Transportation Provider Operations	Private Transportation Provider Operations	emergency plan coordination	Planned	
		emergency transit service request	Planned	
		evacuation information	Planned	

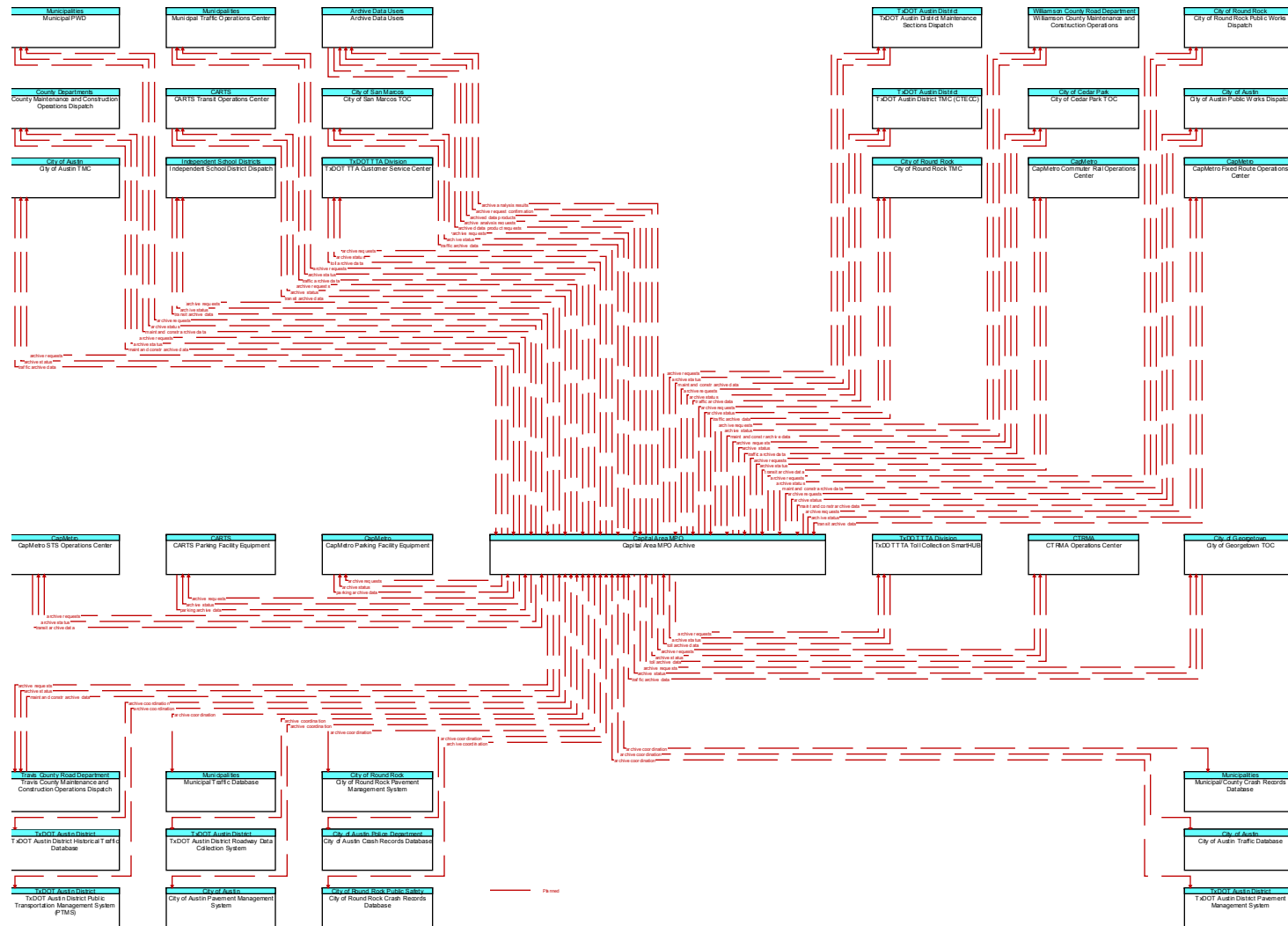
Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	Private Transportation Provider Operations (continued)	incident response status	Planned
		transportation system status	Planned
	Public/Private Ambulance Dispatch	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident report	Planned
		incident response coordination	Planned
	Statewide EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	transportation system status	Planned
		alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned

Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	TxDOT Austin District Maintenance Sections Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	TxDOT Austin District Signal Server	emergency plan coordination	Planned
		evacuation information	Planned
	TxDOT Austin District TMC (CTECC)	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident information	Existing
		incident response status	Existing
		remote surveillance control	Existing
		resource request	Existing/ Planned
		transportation system status	Planned
	UT Police Dispatch	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned

Source Element	Destination Element	Flow	Status
Austin/Travis County EOC (CTECC) (continued)	Williamson County Emergency Communications Center	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County EOC	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County Maintenance and Construction Operations	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned



Figure D10 – Capital Area MPO Archive Interfaces



Source Element	Destination Element	Flow	Status
Capital Area MPO Archive	Archive Data Users	archive analysis results	Planned
		archive request confirmation	Planned
		archived data products	Planned
	CapMetro Commuter Rail Operations Center	archive requests	Planned
		archive status	Planned
	CapMetro Fixed Route Operations Center	archive requests	Planned
		archive status	Planned
	CapMetro Parking Facility Equipment	archive requests	Planned
		archive status	Planned
	CapMetro STS Operations Center	archive requests	Planned
		archive status	Planned
	CARTS Parking Facility Equipment	archive requests	Planned
		archive status	Planned
	CARTS Transit Operations Center	archive requests	Planned
		archive status	Planned
	City of Austin Crash Records Database	archive coordination	Planned
	City of Austin Pavement Management System	archive coordination	Planned
	City of Austin Public Works Dispatch	archive requests	Planned
		archive status	Planned
	City of Austin TMC	archive requests	Planned
		archive status	Planned
	City of Austin Traffic Database	archive coordination	Planned
	City of Cedar Park TOC	archive requests	Planned
		archive status	Planned
	City of Georgetown TOC	archive requests	Planned
		archive status	Planned
	City of Round Rock Crash Records Database	archive coordination	Planned

Source Element	Destination Element	Flow	Status
Capital Area MPO Archive (continued)	City of Round Rock Pavement Management System	archive coordination	Planned
	City of Round Rock Public Works Dispatch	archive requests	Planned
		archive status	Planned
	City of Round Rock TMC	archive requests	Planned
		archive status	Planned
	City of San Marcos TOC	archive requests	Planned
		archive status	Planned
	County Maintenance and Construction Operations Dispatch	archive requests	Planned
		archive status	Planned
	CTRMA Operations Center	archive requests	Planned
		archive status	Planned
	Independent School District Dispatch	archive requests	Planned
		archive status	Planned
	Municipal PWD	archive requests	Planned
		archive status	Planned
	Municipal Traffic Database	archive coordination	Planned
	Municipal Traffic Operations Center	archive requests	Planned
		archive status	Planned
	Municipal/County Crash Records Database	archive coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	archive requests	Planned
		archive status	Planned
	TxDOT Austin District Historical Traffic Database	archive coordination	Planned
	TxDOT Austin District Maintenance Sections Dispatch	archive requests	Planned
archive status		Planned	
TxDOT Austin District Pavement Management System	archive coordination	Planned	
TxDOT Austin District Public Transportation Management System (PTMS)	archive coordination	Planned	

Source Element	Destination Element	Flow	Status
Capital Area MPO Archive (continued)	TxDOT Austin District Roadway Data Collection System	archive coordination	Planned
	TxDOT Austin District TMC (CTECC)	archive requests	Planned
		archive status	Planned
	TxDOT TTA Customer Service Center	archive requests	Planned
		archive status	Planned
	TxDOT TTA Toll Collection SmartHUB	archive requests	Planned
		archive status	Planned
	Williamson County Maintenance and Construction Operations	archive requests	Planned
archive status		Planned	

Figure D11 – CapMetro Barrier System Interfaces

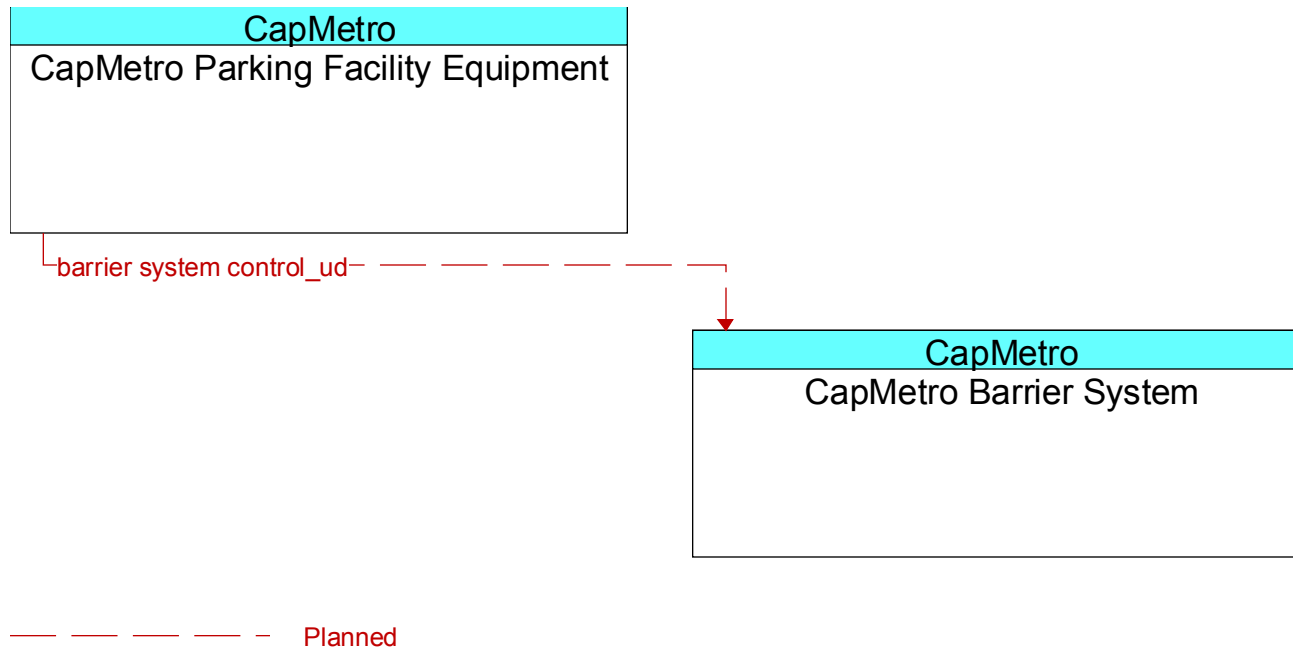
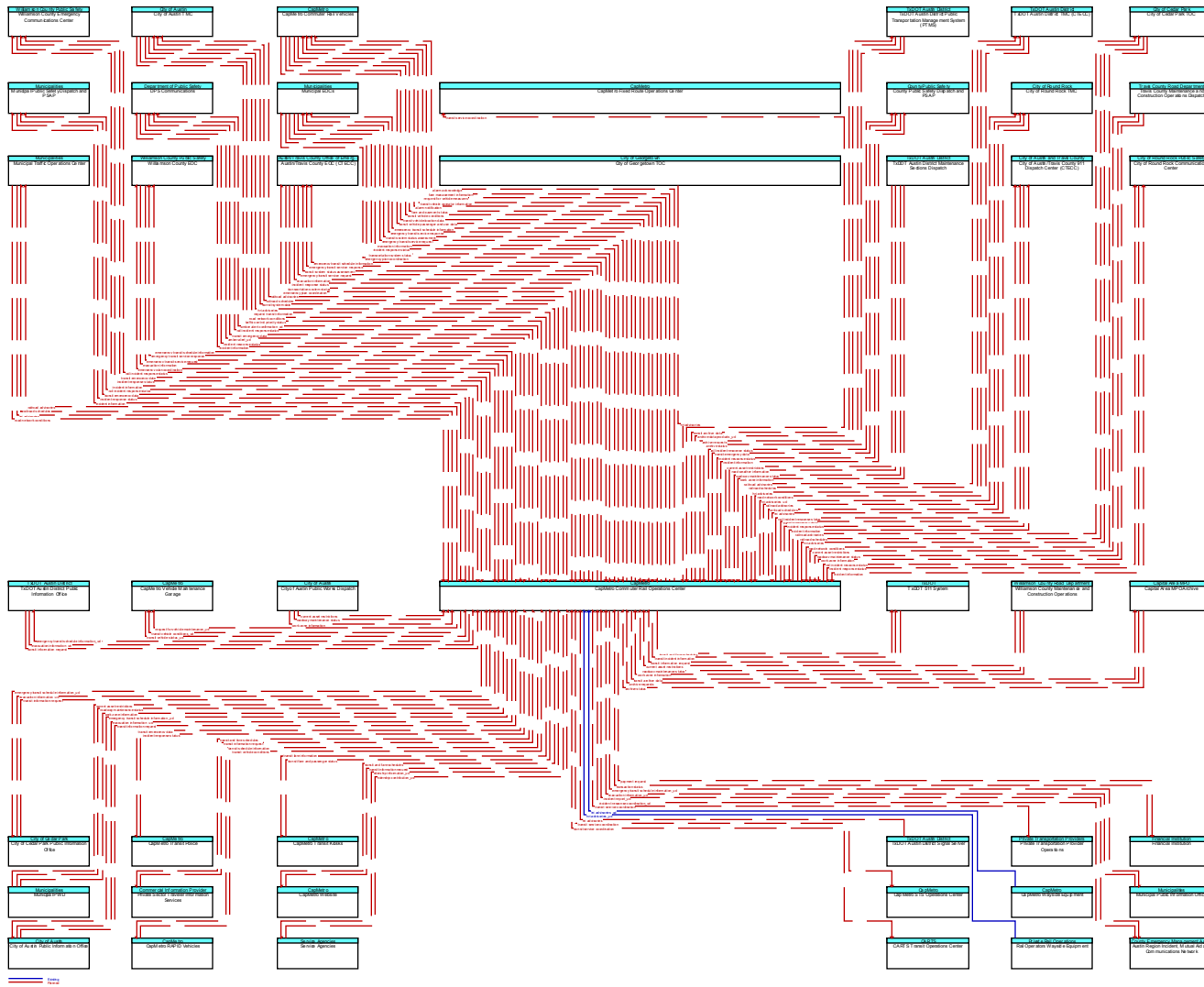


Figure D12 – CapMetro Commuter Rail Operations Center Interfaces



Source Element	Destination Element	Flow	Status
CapMetro Commuter Rail Operations Center	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Capital Area MPO Archive	transit archive data	Planned
	CapMetro Commuter Rail Vehicles	alarm acknowledge	Planned
		fare management information	Planned
		request for vehicle measures	Planned
		transit vehicle operator information	Planned
	CapMetro Fixed Route Operations Center	transit service coordination	Planned
	CapMetro RAPID Vehicles	transit schedule information	Planned
	CapMetro STS Operations Center	transit service coordination	Planned
	CapMetro Transit Kiosks	transit fare information	Planned
	CapMetro Transit Police	transit emergency data	Planned
	CapMetro Vehicle Maintenance Garage	request for vehicle maintenance_ud	Planned
		transit vehicle conditions_ud	Planned
	CapMetro Website	transit and fare schedules	Planned
	CARTS Transit Operations Center	transit service coordination	Planned
	City of Austin Public Information Office	emergency transit schedule information_ud	Planned
	City of Austin TMC	railroad advisories	Planned
		railroad schedules	Planned
		transit system data	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident information	Planned
		rail incident response status	Planned
		transit emergency data	Planned

Source Element	Destination Element	Flow	Status
CapMetro Commuter Rail Operations Center (continued)	City of Cedar Park Public Information Office	emergency transit schedule information_ud	Planned
	City of Cedar Park TOC	railroad advisories	Planned
		railroad schedules	Planned
	City of Round Rock Communications Center	incident information	Planned
		rail incident response status	Planned
	City of Round Rock TMC	hri advisories_ud	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	County Public Safety Dispatch and PSAP	incident information	Planned
		rail incident response status	Planned
		transit emergency data	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		incident information	Planned
		rail incident response status	Planned
		transit emergency data	Planned
	Financial Institution	payment request	Planned
	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
Municipal Public Information Office	emergency transit schedule information_ud	Planned	
Municipal Public Safety Dispatch and PSAP	incident information	Planned	
	rail incident response status	Planned	
	transit emergency data	Planned	
Municipal Traffic Operations Center	railroad advisories	Planned	
	railroad schedules	Planned	
Private Sector Traveler Information Services	transit and fare schedules	Planned	
Private Transportation Provider Operations	transit service coordination	Planned	



Source Element	Destination Element	Flow	Status
CapMetro Commuter Rail Operations Center (continued)	Service Agencies	ridership information_ud	Planned
	TxDOT 511 System	transit and fare schedules	Planned
		transit incident information	Planned
	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	TxDOT Austin District TMC (CTECC)	railroad advisories	Planned
		railroad schedules	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		rail incident response status	Planned
		transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned

Figure D13 – CapMetro Commuter Rail Vehicles Interfaces

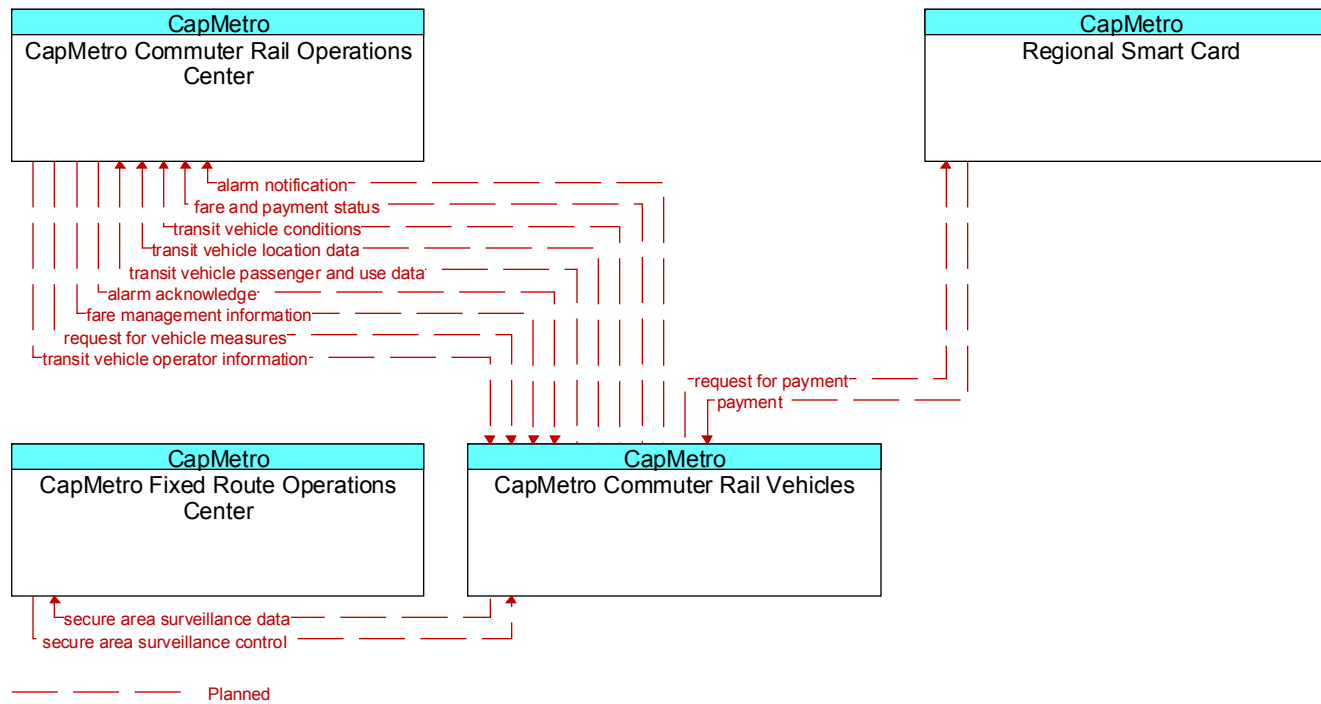
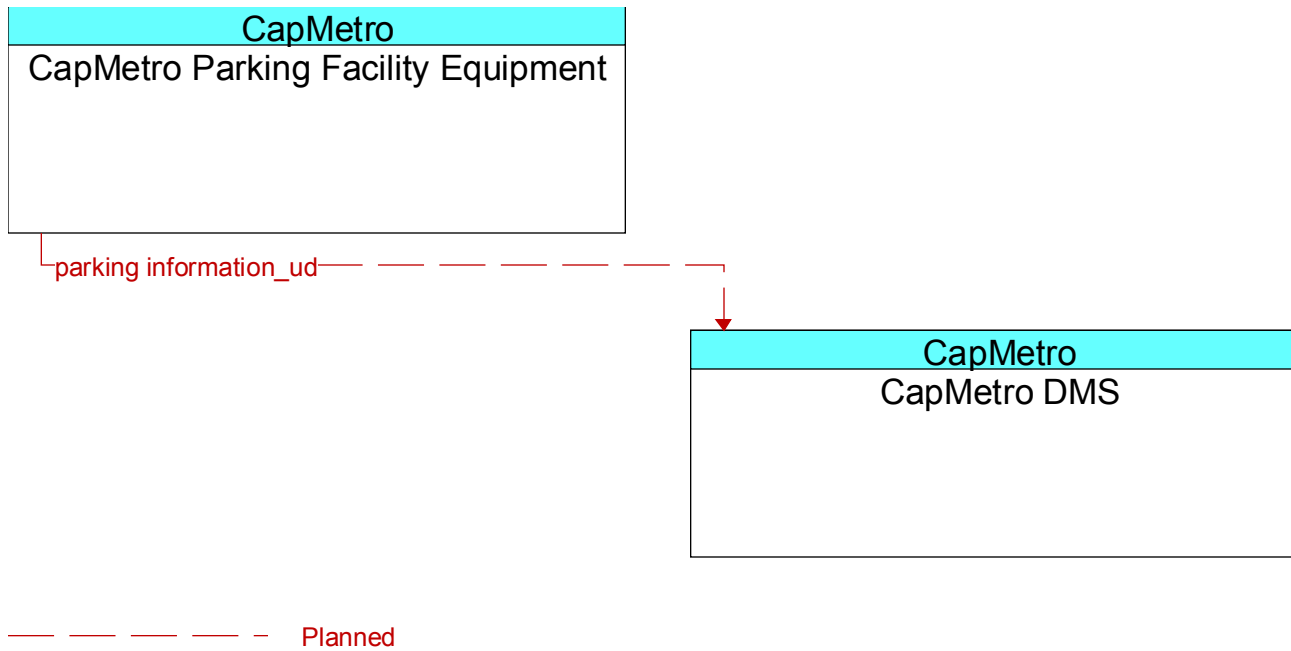
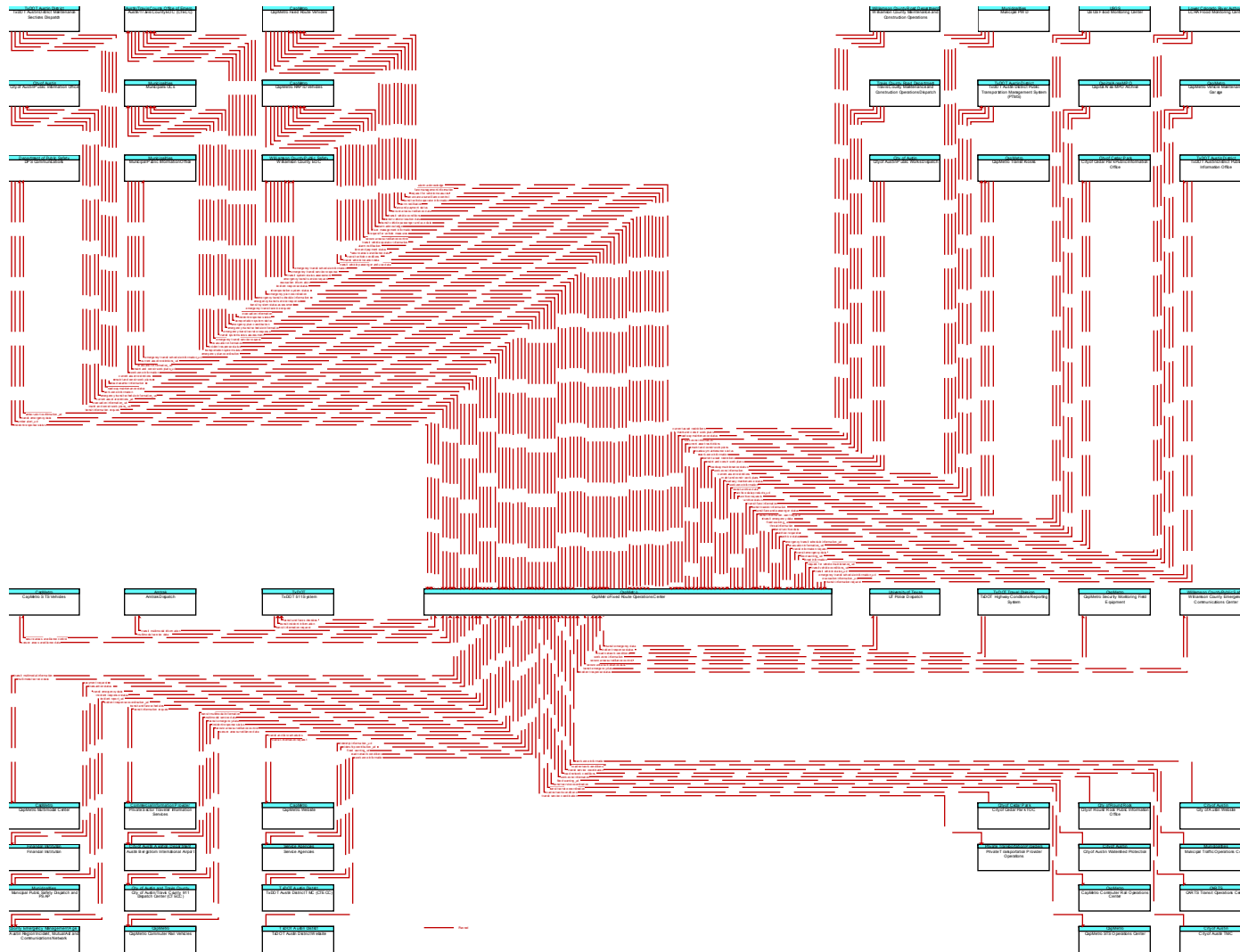


Figure D14 – CapMetro DMS Interfaces



**Figure D15 – CapMetro Fixed Route Operations Center Interfaces**



Source Element	Destination Element	Flow	Status
CapMetro Fixed Route Operations Center	Amtrak Dispatch	transit multimodal information	Planned
	Austin Bergstrom International Airport	transit multimodal information	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Capital Area MPO Archive	transit archive data	Planned
	CapMetro Commuter Rail Operations Center	transit service coordination	Planned
	CapMetro Commuter Rail Vehicles	secure area surveillance control	Planned
	CapMetro Fixed Route Vehicles	alarm acknowledge	Planned
		fare management information	Planned
		request for vehicle measures	Planned
		secure area surveillance control	Planned
		transit vehicle operator information	Planned
	CapMetro Multimodal Center	transit multimodal information	Planned
	CapMetro RAPID Vehicles	alarm acknowledge	Planned
		fare management information	Planned
		request for vehicle measures	Planned
		secure area surveillance control	Planned
		transit vehicle operator information	Planned
	CapMetro Security Monitoring Field Equipment	secure area surveillance control	Planned
CapMetro STS Operations Center	transit service coordination	Planned	
CapMetro STS Vehicles	secure area surveillance control	Planned	
CapMetro Transit Kiosks	transit fare information	Planned	
	transit traveler information	Planned	

Source Element	Destination Element	Flow	Status
CapMetro Fixed Route Operations Center (continued)	CapMetro Vehicle Maintenance Garage	request for vehicle maintenance_ud	Planned
		transit vehicle conditions_ud	Planned
	CapMetro Website	transit and fare schedules	Planned
	CARTS Transit Operations Center	transit service coordination	Planned
	City of Austin Public Information Office	emergency transit schedule information_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	transit emergency data	Planned
	City of Cedar Park Public Information Office	emergency transit schedule information_ud	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		transit emergency data	Planned
	Financial Institution	payment request	Planned
	LCRA Flood Monitoring Center	transit emergency data	Planned
	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Municipal Public Information Office	emergency transit schedule information_ud	Planned
	Municipal Public Safety Dispatch and PSAP	transit emergency data	Planned
	Private Sector Traveler Information Services	transit and fare schedules	Planned
	Private Transportation Provider Operations	transit service coordination	Planned
	Service Agencies	ridership information_ud	Planned
	TxDOT 511 System	transit and fare schedules	Planned
		transit incident information	Planned
	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	USGS Flood Monitoring Center	transit emergency data	Planned
	UT Police Dispatch	transit emergency data	Planned

Source Element	Destination Element	Flow	Status
CapMetro Fixed Route Operations Center (continued)	Williamson County Emergency Communications Center	transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned

Figure D16 – CapMetro Fixed Route Vehicles Interfaces

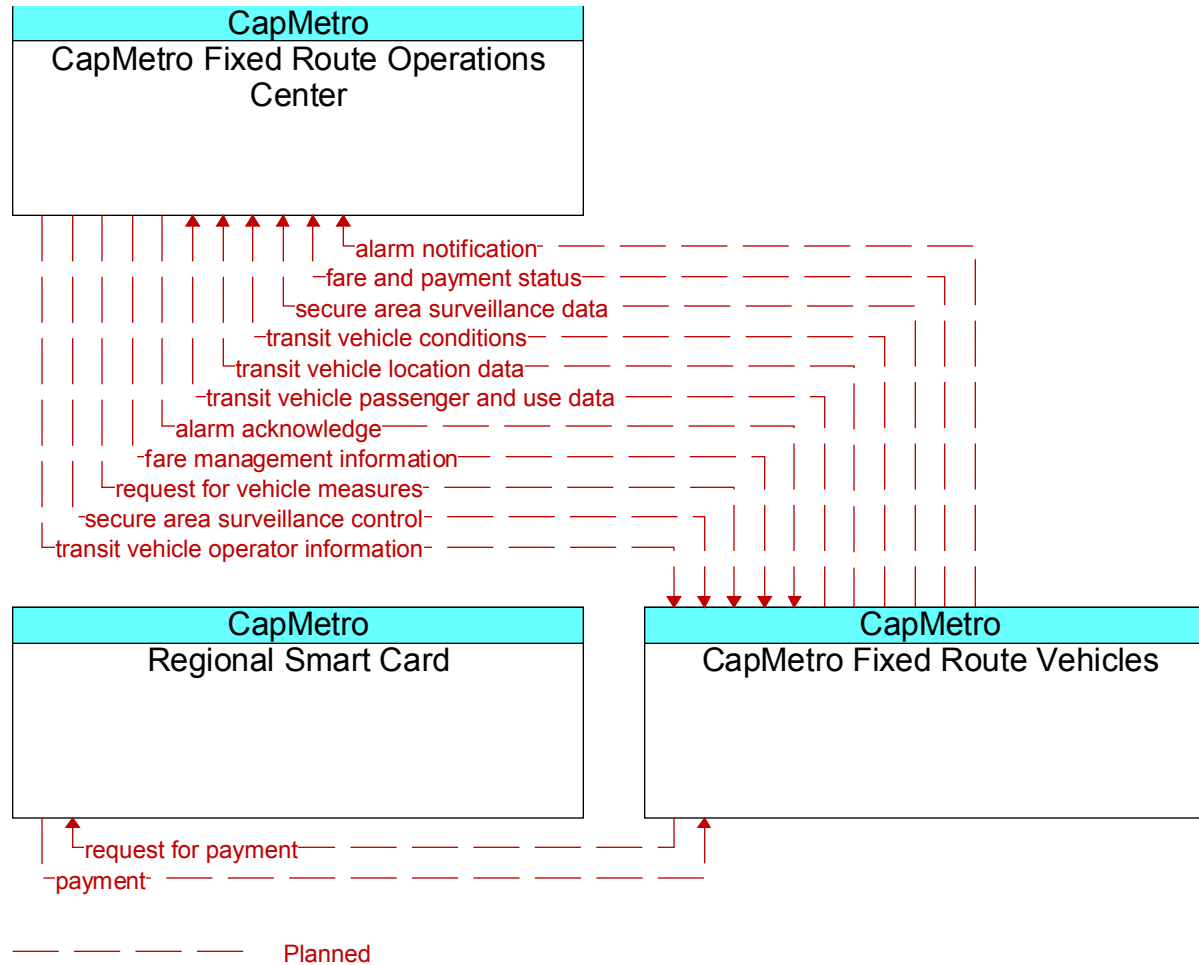




Figure D17 – CapMetro Lessee Freight Cars Interfaces

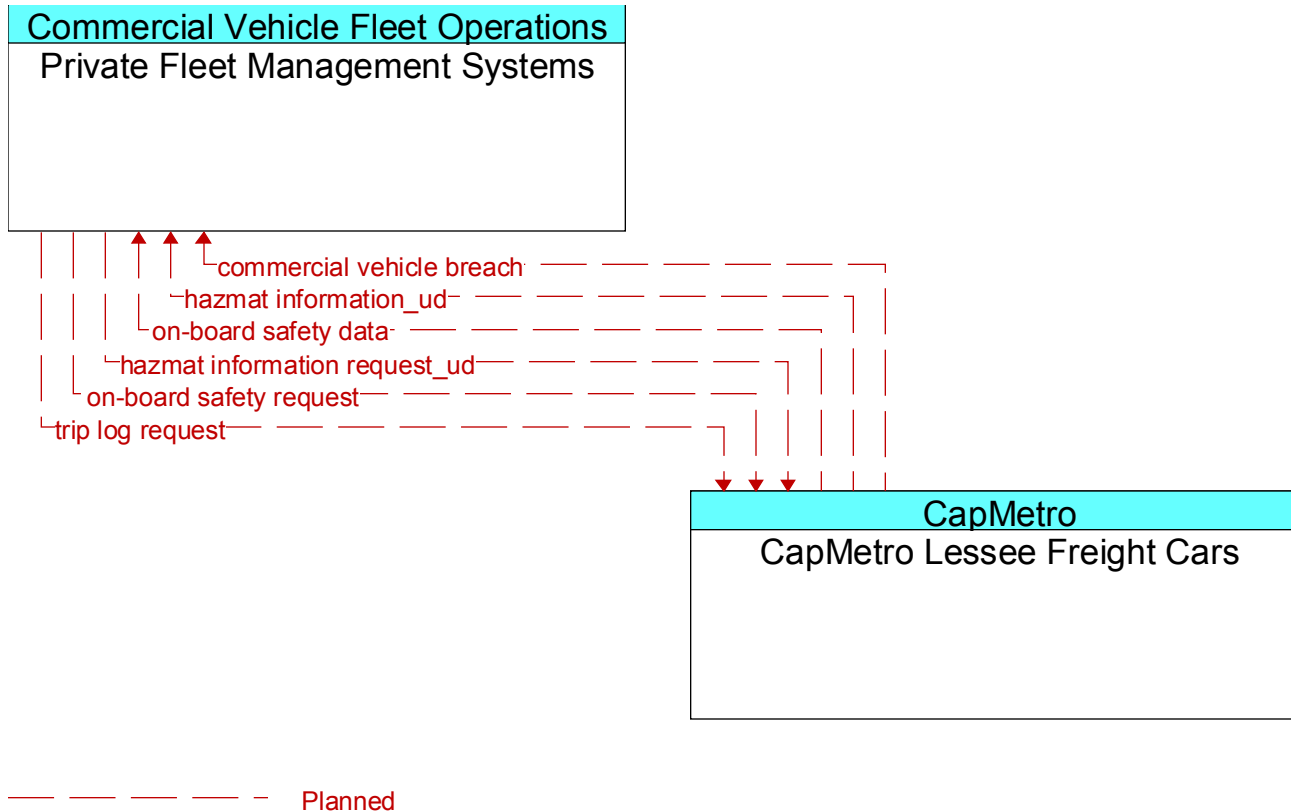


Figure D18 – CapMetro Multimodal Center Interfaces

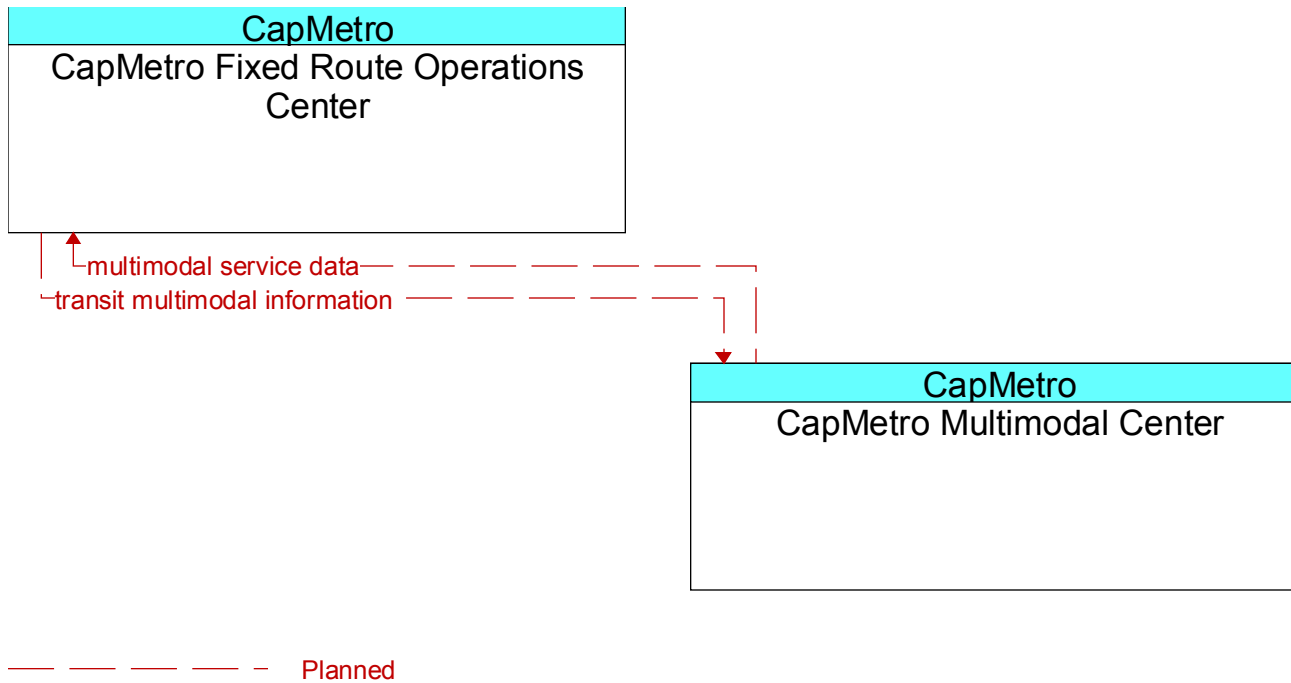


Figure D19 – CapMetro Parking Facility Equipment Interfaces

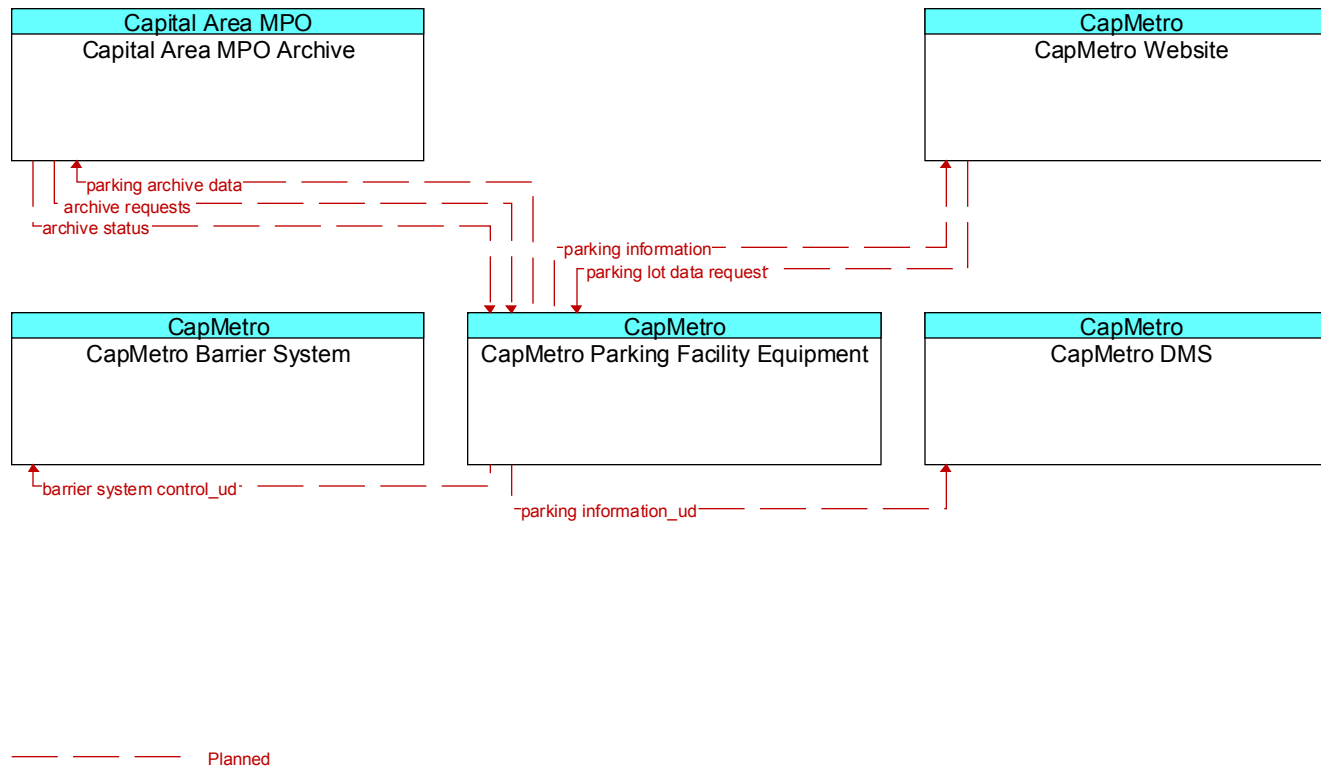


Figure D20 – CapMetro RAPID Vehicles Interfaces

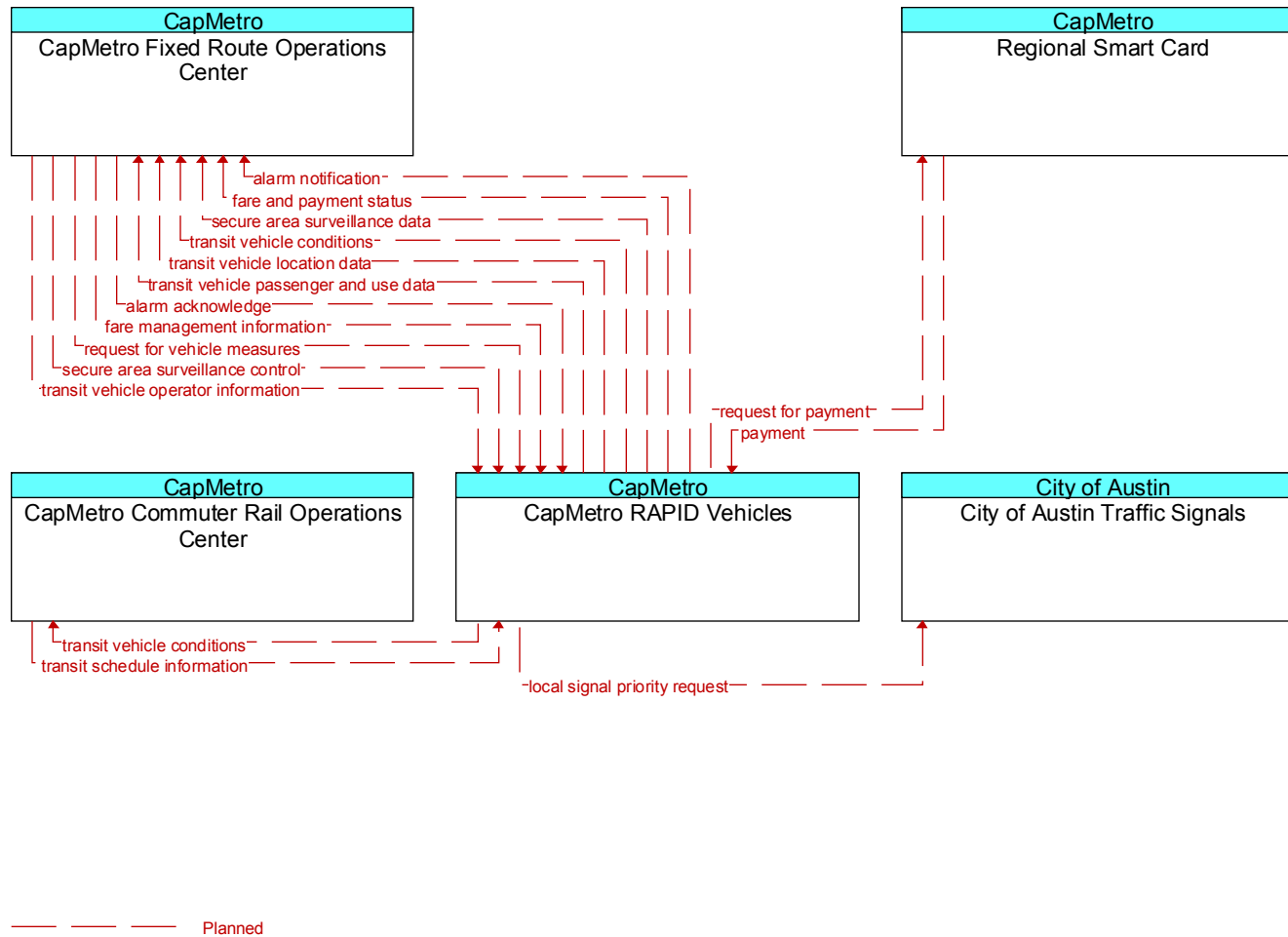


Figure D21 – CapMetro Security Monitoring Field Equipment Interfaces

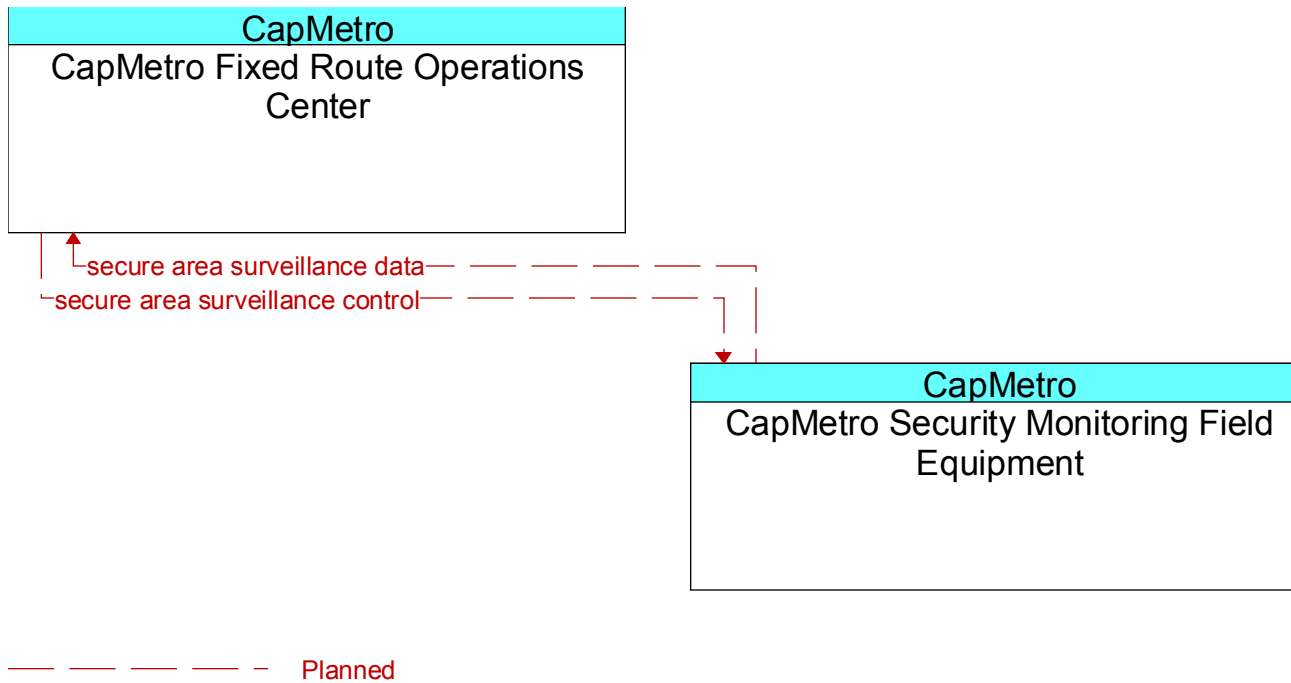
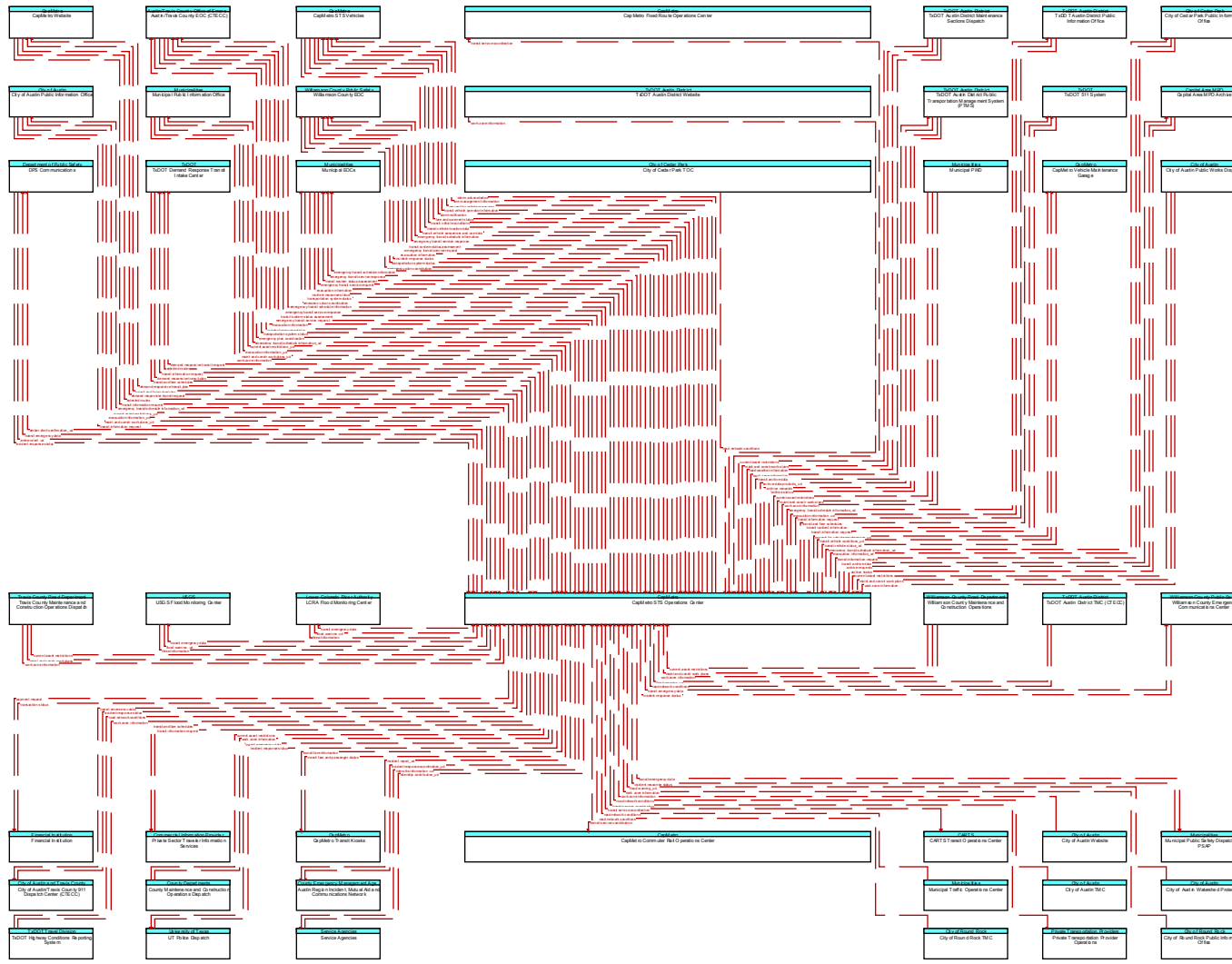


Figure D22 – CapMetro STS Operations Center Interfaces



Source Element	Destination Element	Flow	Status
CapMetro STS Operations Center	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Capital Area MPO Archive	transit archive data	Planned
	CapMetro Commuter Rail Operations Center	transit service coordination	Planned
	CapMetro Fixed Route Operations Center	transit service coordination	Planned
	CapMetro STS Vehicles	alarm acknowledge	Planned
		fare management information	Planned
		request for vehicle measures	Planned
		transit vehicle operator information	Planned
	CapMetro Transit Kiosks	transit fare information	Planned
	CapMetro Vehicle Maintenance Garage	request for vehicle maintenance_ud	Planned
		transit vehicle conditions_ud	Planned
	CapMetro Website	demand responsive transit plan	Planned
		transit and fare schedules	Planned
	CARTS Transit Operations Center	transit service coordination	Planned
	City of Austin Public Information Office	emergency transit schedule information_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	transit emergency data	Planned
	City of Cedar Park Public Information Office	emergency transit schedule information_ud	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		transit emergency data	Planned
Financial Institution	payment request	Planned	
LCRA Flood Monitoring Center	transit emergency data	Planned	

Source Element	Destination Element	Flow	Status
CapMetro STS Operations Center (continued)	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Municipal Public Information Office	emergency transit schedule information_ud	Planned
	Municipal Public Safety Dispatch and PSAP	transit emergency data	Planned
	Private Sector Traveler Information Services	transit and fare schedules	Planned
	Private Transportation Provider Operations	transit service coordination	Planned
	Service Agencies	ridership information_ud	Planned
	TxDOT 511 System	transit and fare schedules	Planned
		transit incident information	Planned
	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	TxDOT Demand Response Transit Intake Center	demand responsive transit request	Planned
		selected routes	Planned
		transit information request	Planned
	USGS Flood Monitoring Center	transit emergency data	Planned
	UT Police Dispatch	transit emergency data	Planned
	Williamson County Emergency Communications Center	transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
emergency transit schedule information		Planned	
emergency transit service response		Planned	
transit system status assessment		Planned	



Figure D23 – CapMetro STS Vehicles Interfaces

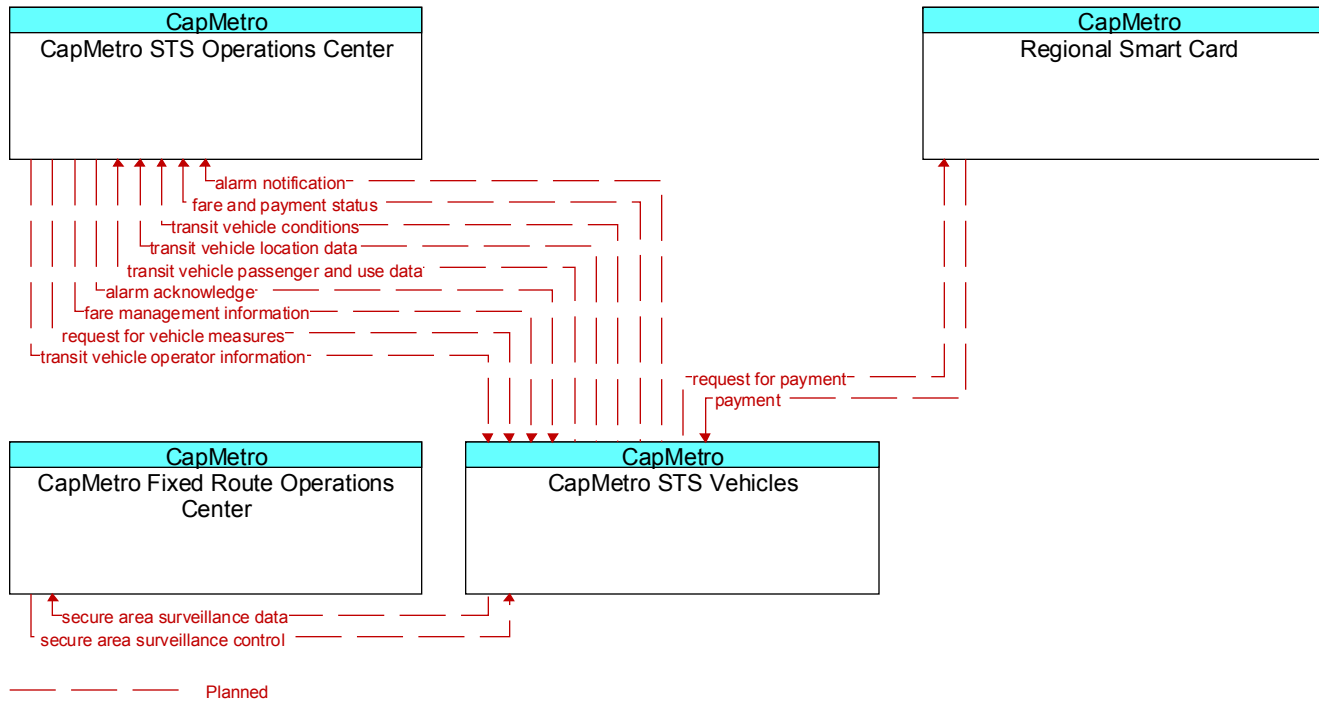


Figure D24 – CapMetro Transit Kiosks Interfaces

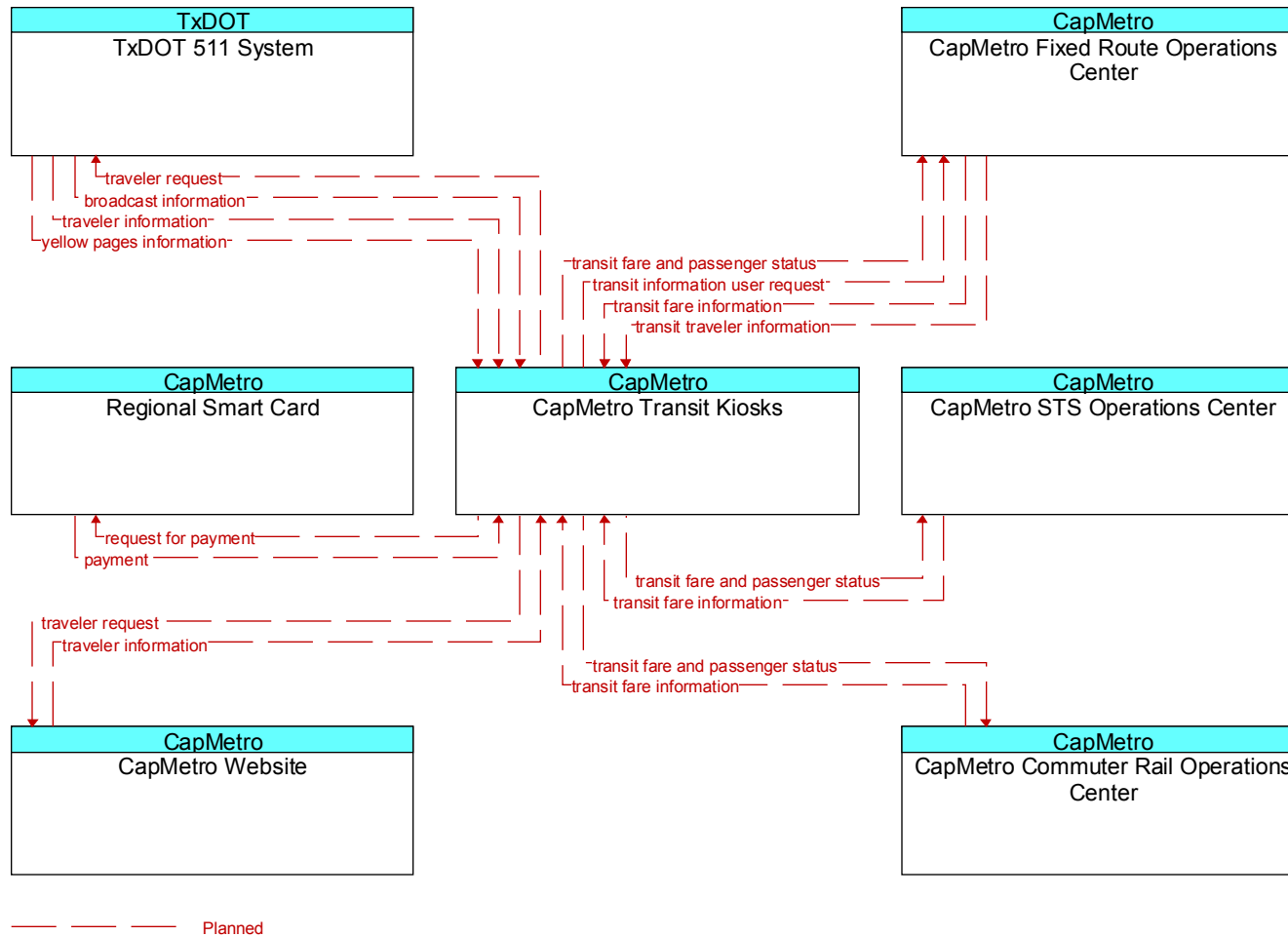


Figure D25 – CapMetro Transit Police Interfaces

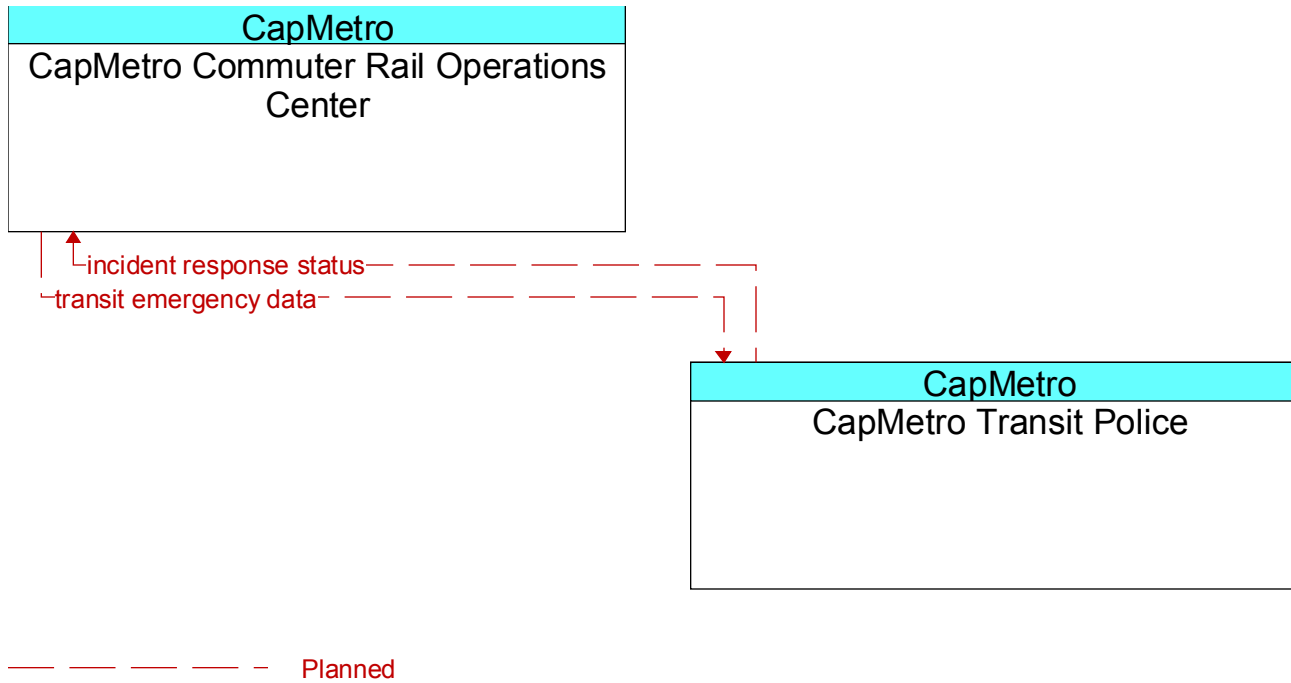


Figure D26 – CapMetro Vehicle Maintenance Garage Interfaces

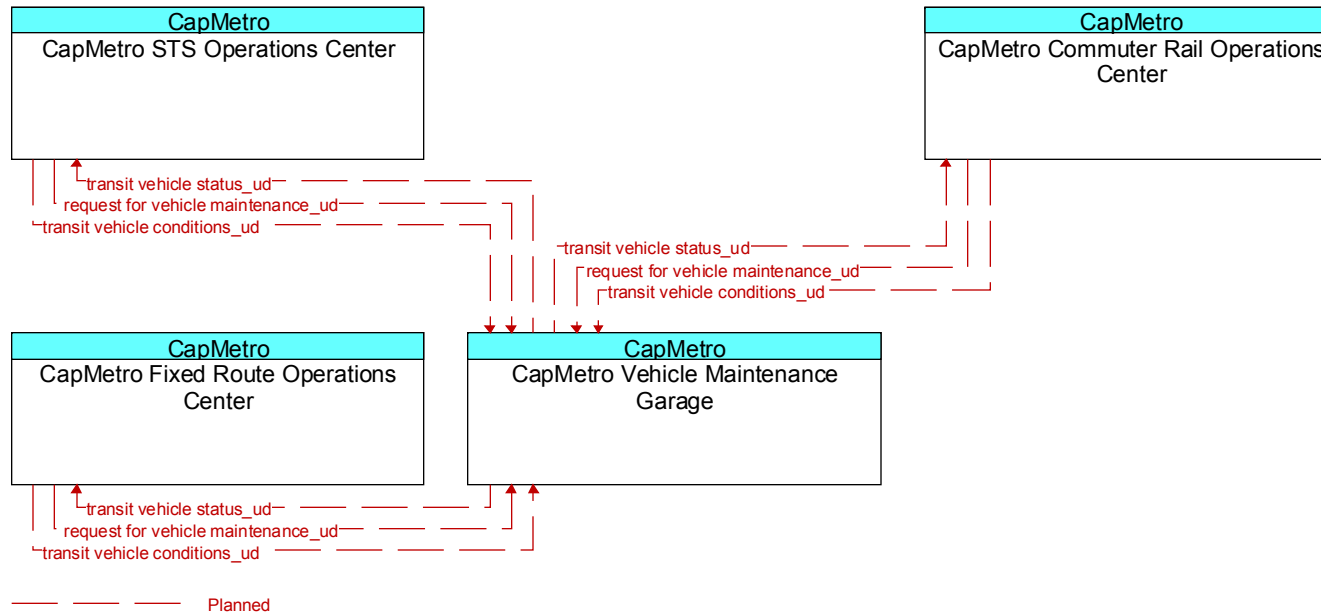


Figure D27 – CapMetro Wayside Equipment Interfaces

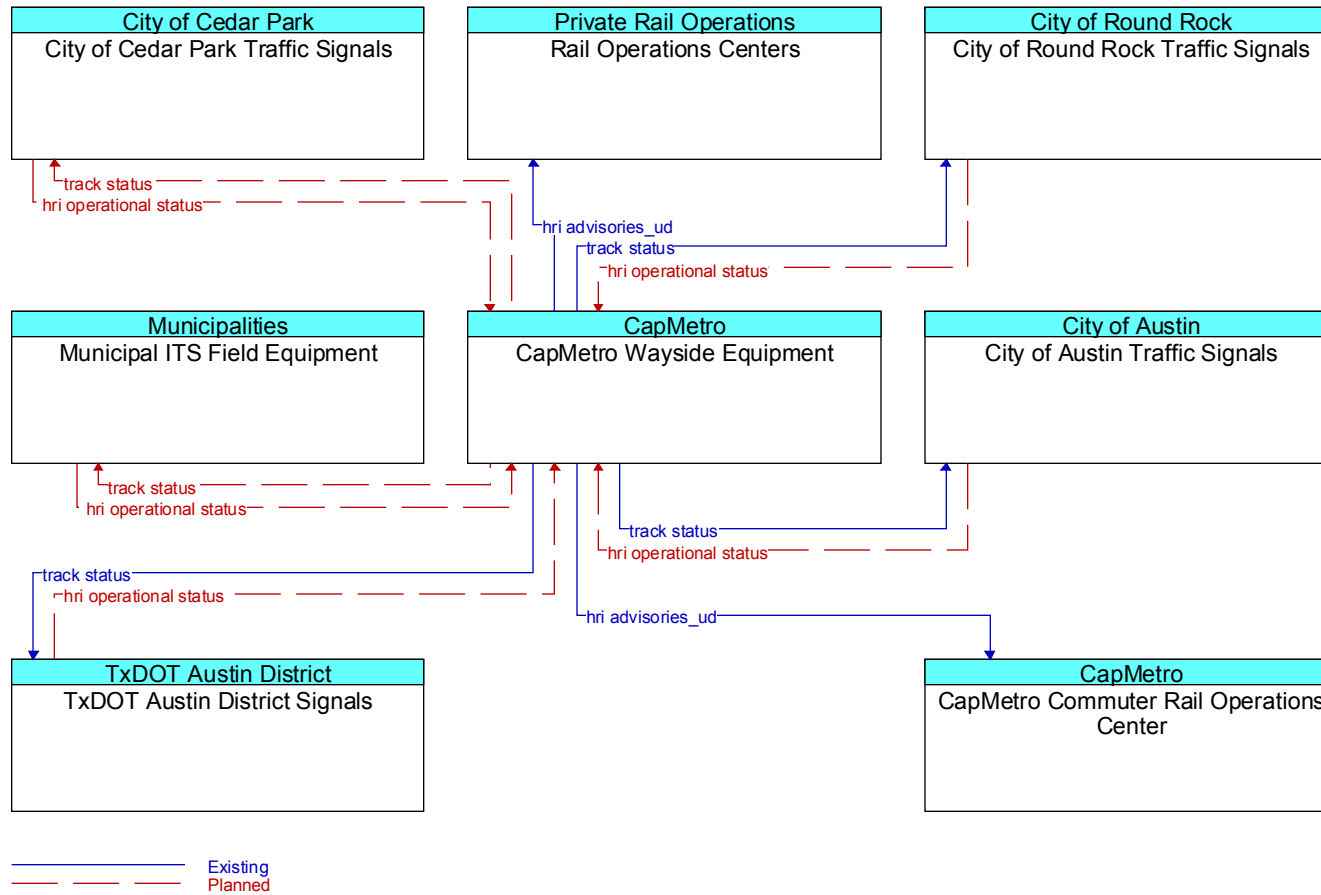


Figure D28 – CapMetro Website Interfaces

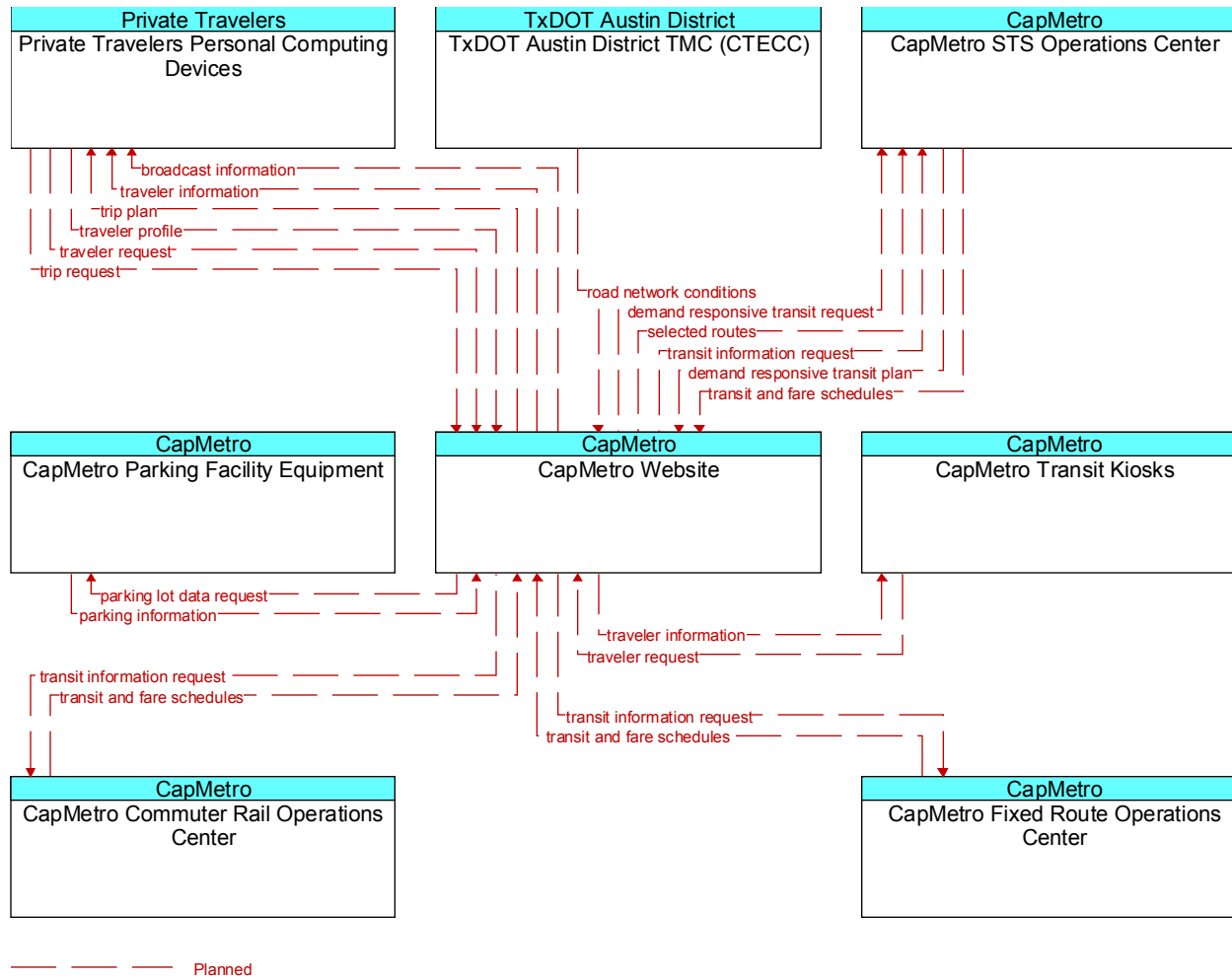


Figure D29 – CARTS Barrier System Interfaces

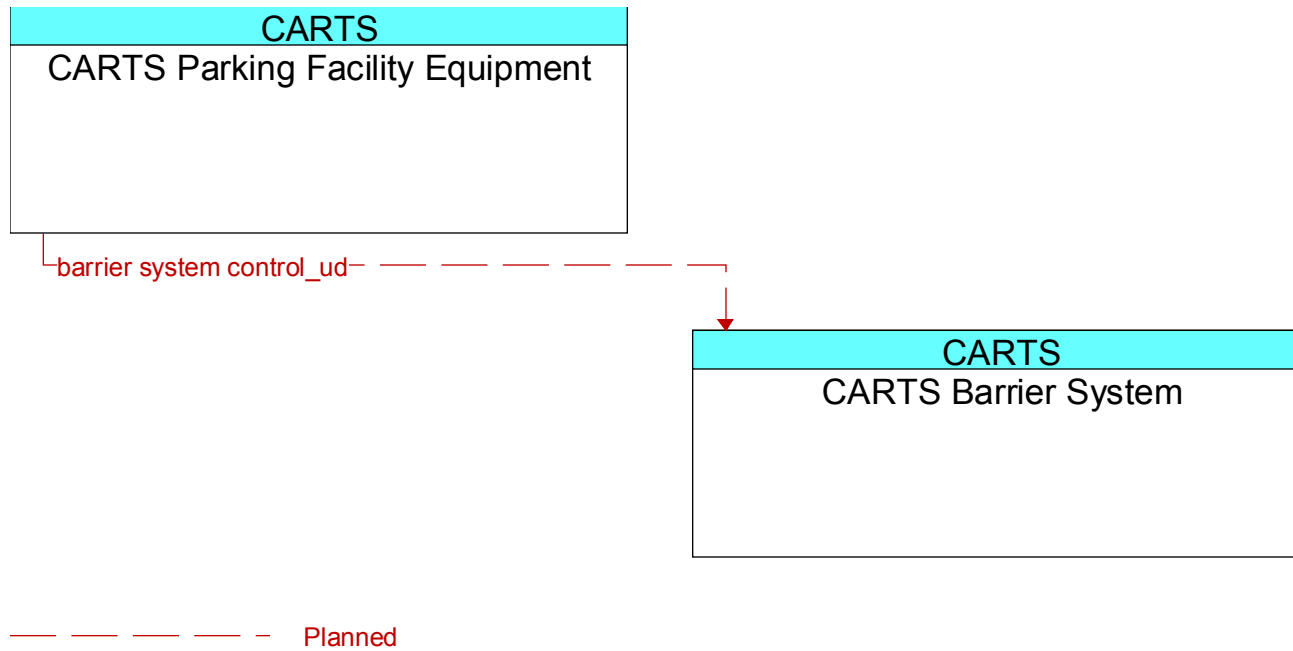


Figure D30 – CARTS Demand Response Vehicles Interfaces

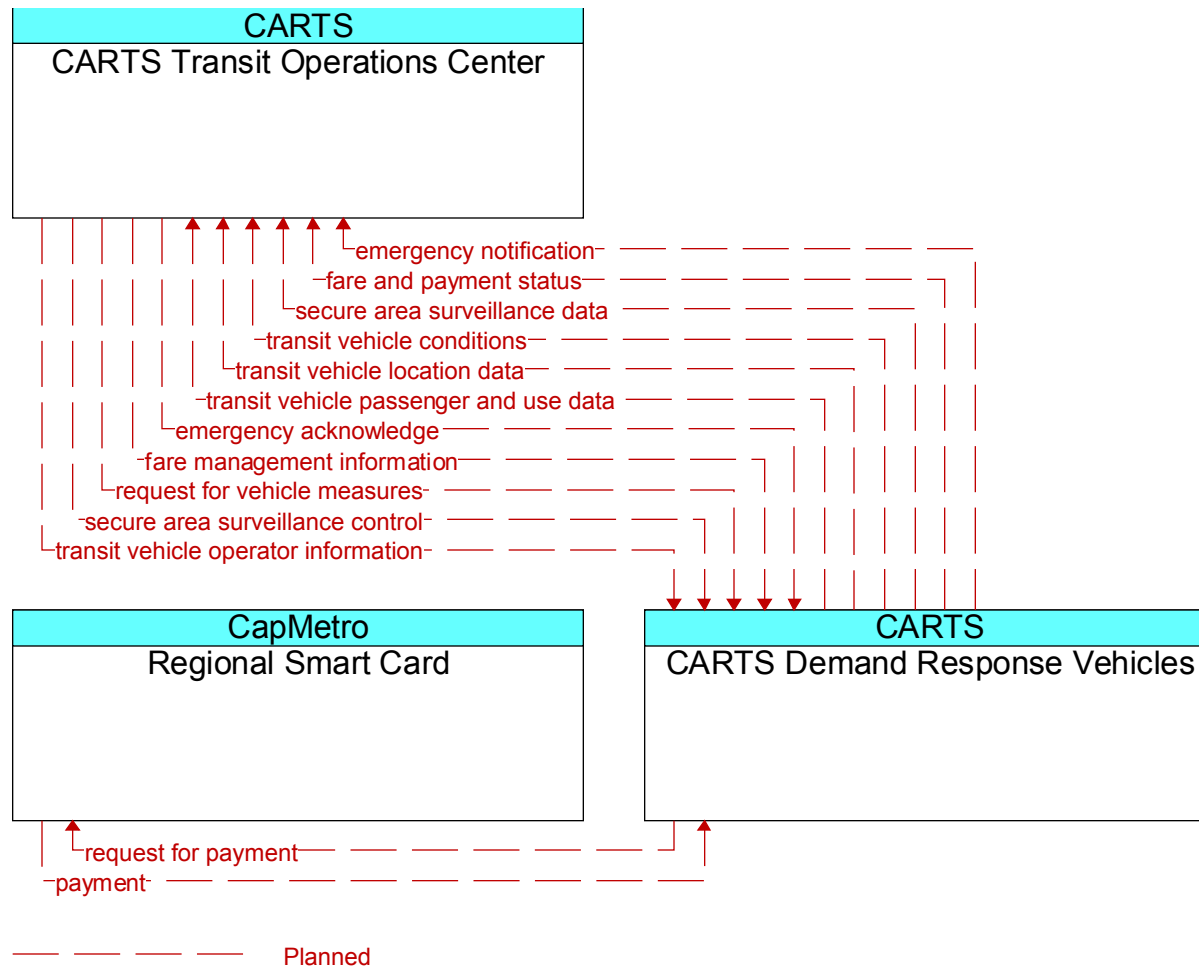




Figure D31 – CARTS DMS Interfaces

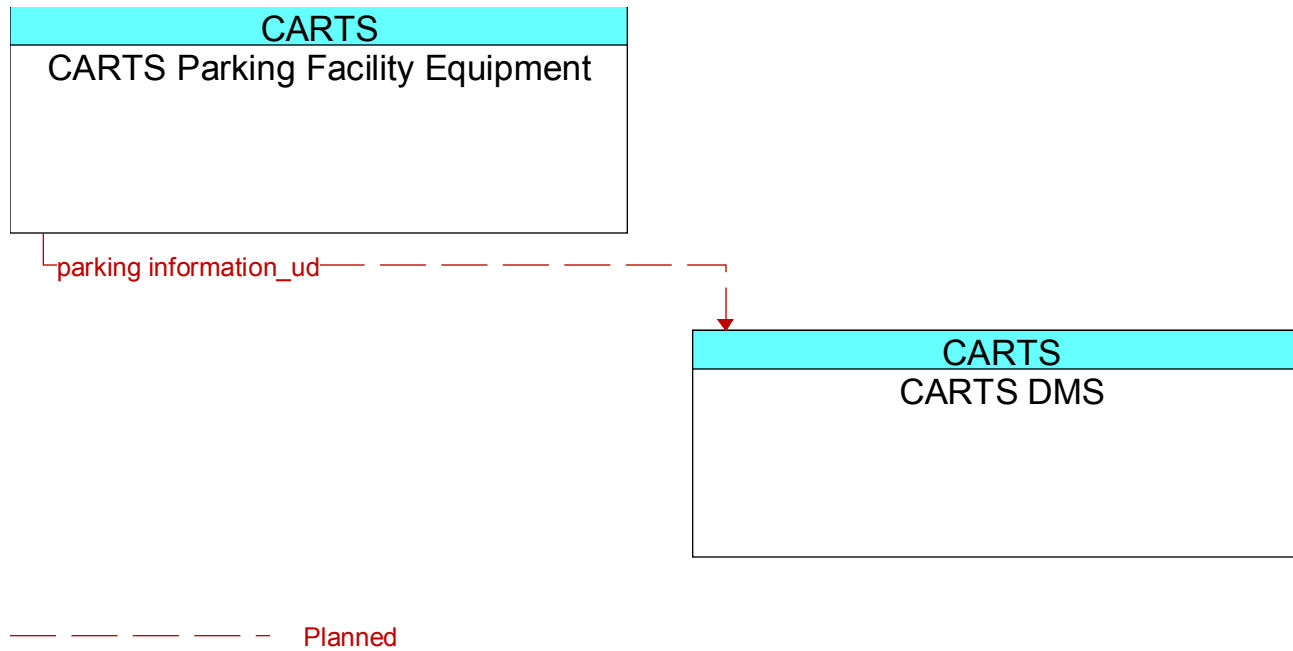


Figure D32 – CARTS Fixed Route Vehicles Interfaces

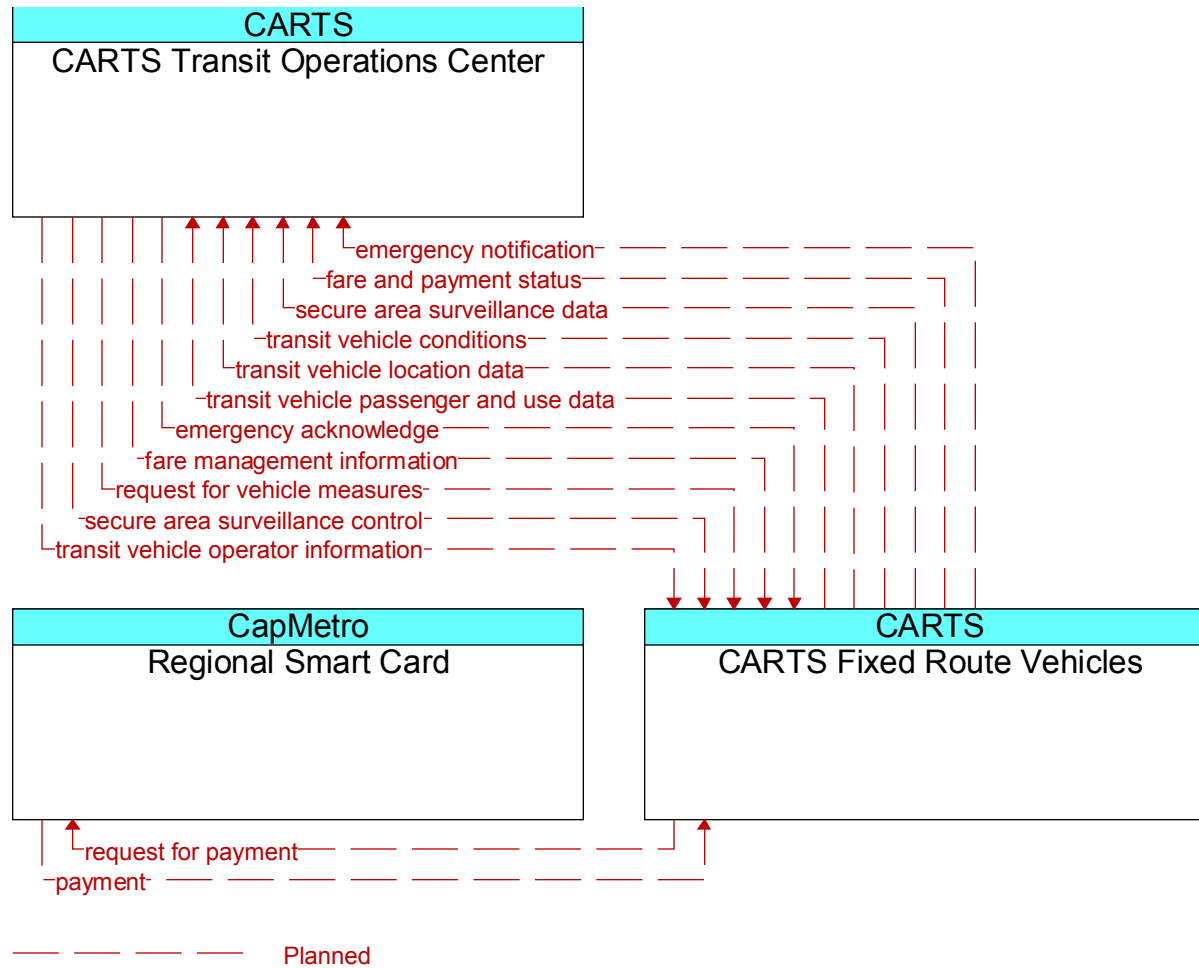


Figure D33 – CARTS Maintenance Garage Interfaces

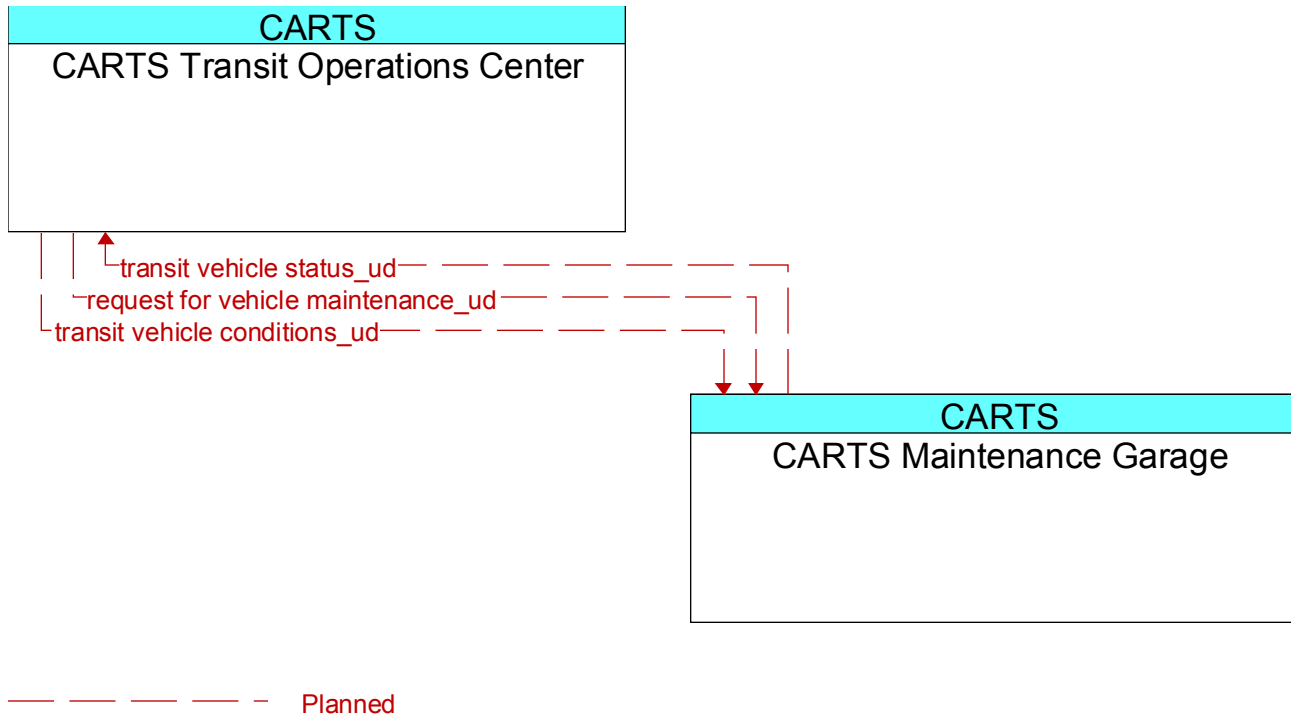


Figure D34 – CARTS Parking Facility Equipment Interfaces

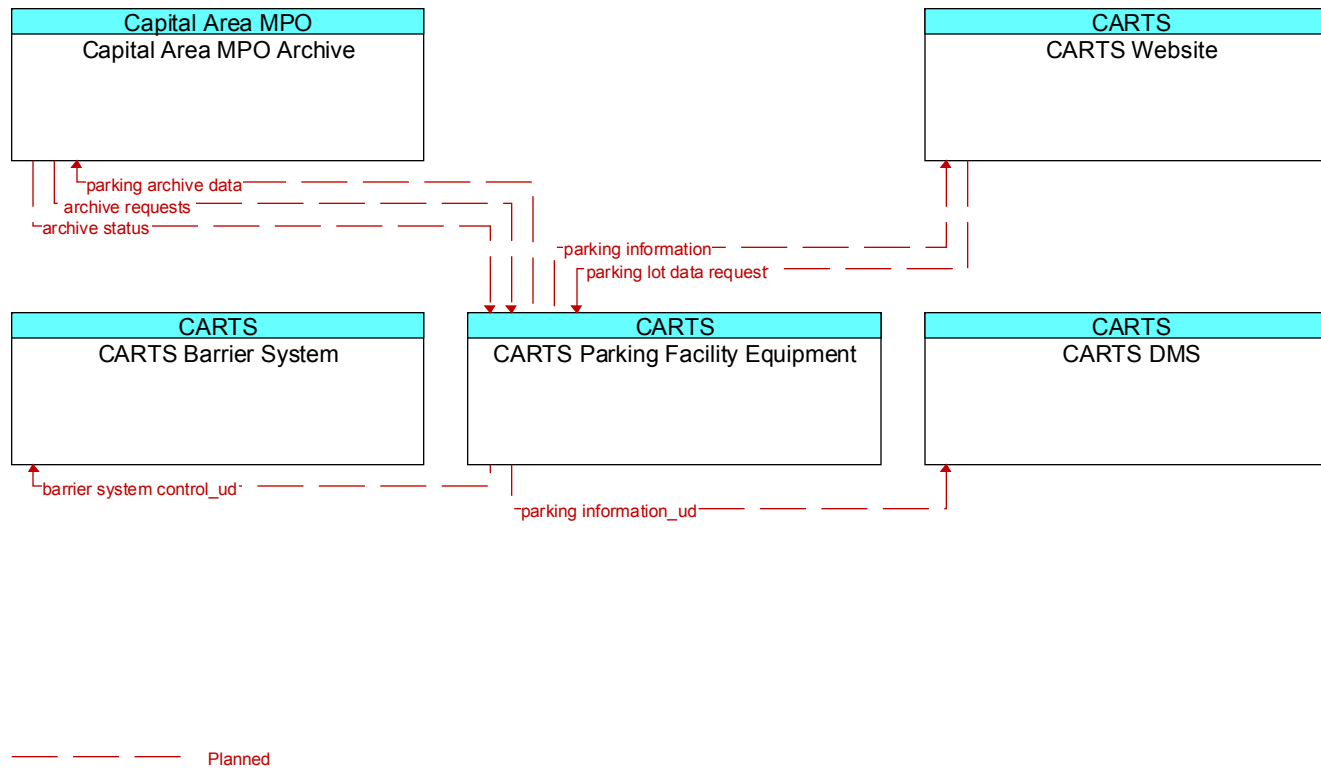


Figure D35 – CARTS Security Monitoring Field Equipment Interfaces

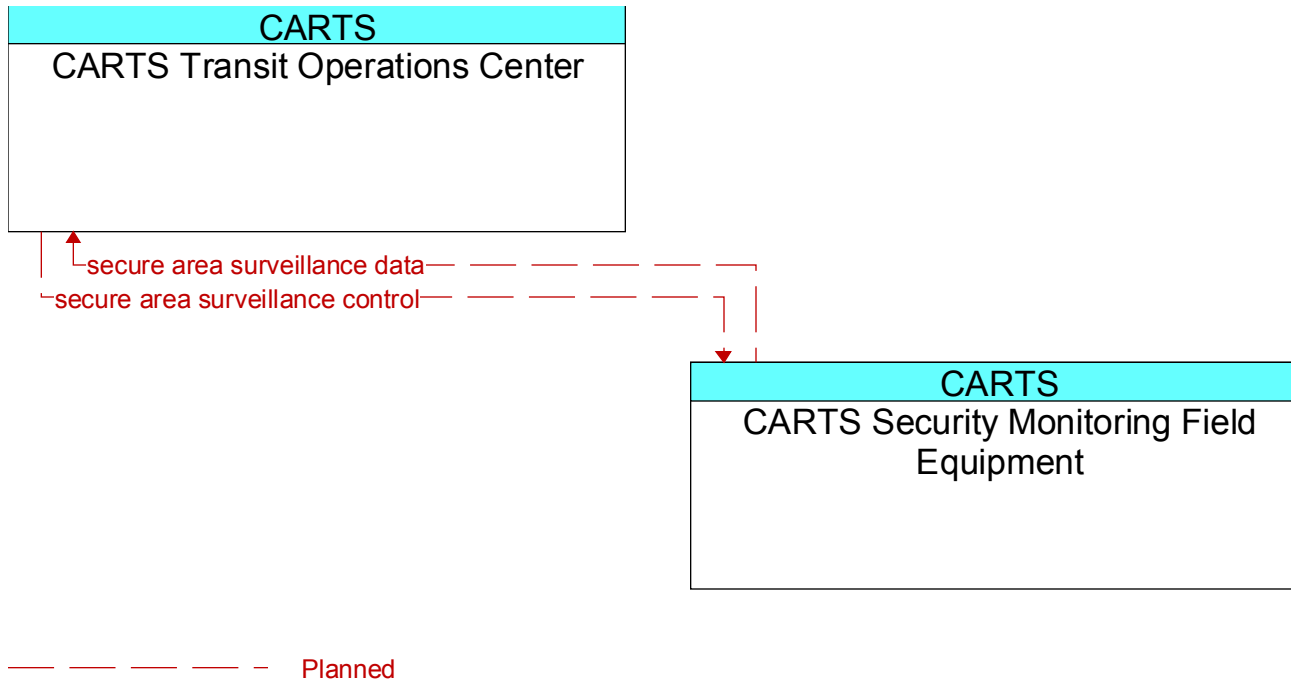


Figure D36 – CARTS Transit Kiosks Interfaces

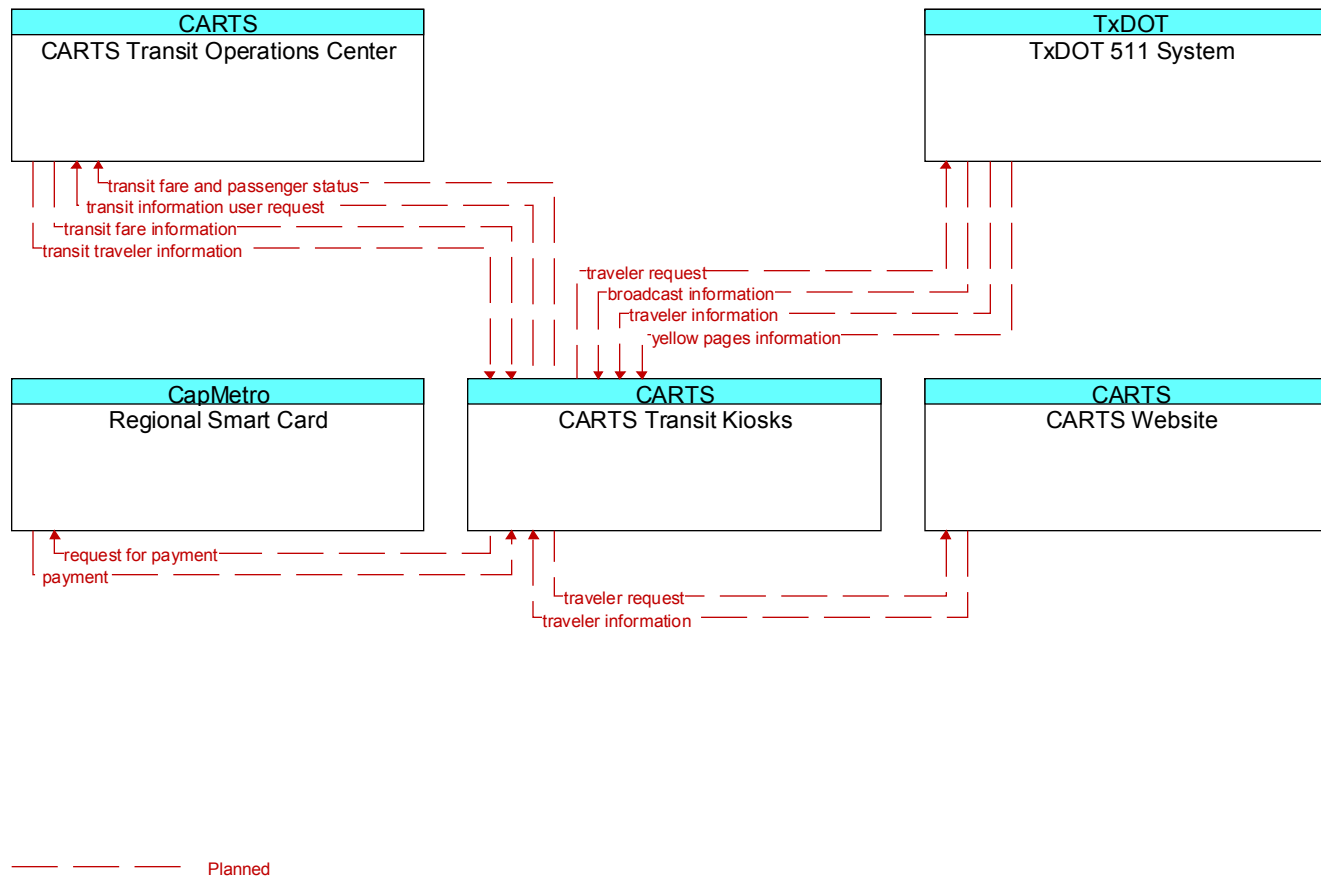
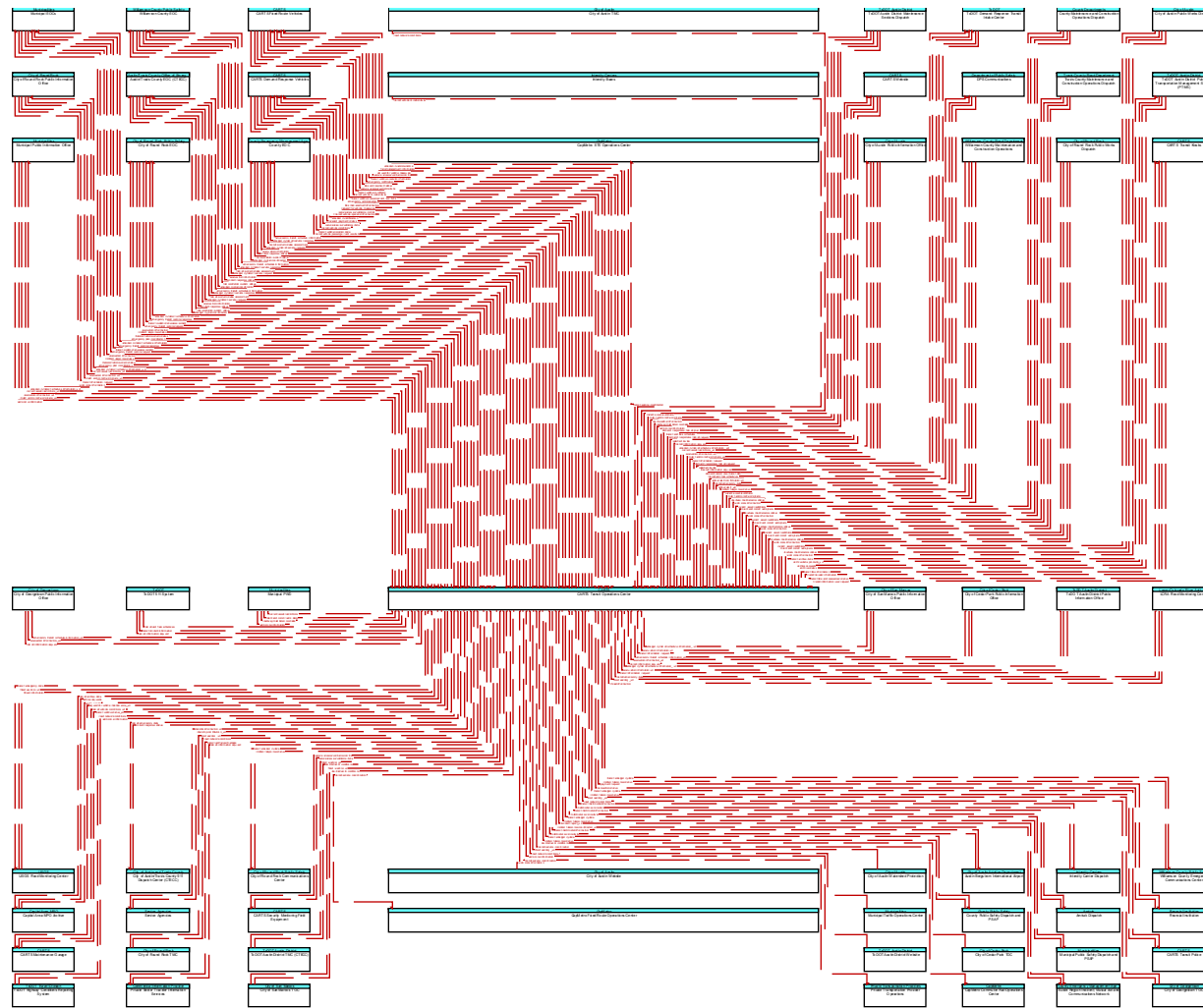


Figure D37 – CARTS Transit Operations Center Interfaces



Source Element	Destination Element	Flow	Status	
CARTS Transit Operations Center	Amtrak Dispatch	transit multimodal information	Planned	
	Austin Bergstrom International Airport	transit multimodal information	Planned	
	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud		Planned
		incident response coordination_ud		Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination		Planned
		emergency transit schedule information		Planned
		emergency transit service response		Planned
		transit system status assessment		Planned
	Capital Area MPO Archive	transit archive data		Planned
	CapMetro Commuter Rail Operations Center	transit service coordination		Planned
	CapMetro Fixed Route Operations Center	transit service coordination		Planned
	CapMetro STS Operations Center	transit service coordination		Planned
	CARTS Demand Response Vehicles	emergency acknowledge		Planned
		fare management information		Planned
		request for vehicle measures		Planned
		secure area surveillance control		Planned
		transit vehicle operator information		Planned
	CARTS Fixed Route Vehicles	emergency acknowledge		Planned
		fare management information		Planned
		request for vehicle measures		Planned
		secure area surveillance control		Planned
		transit vehicle operator information		Planned
	CARTS Maintenance Garage	request for vehicle maintenance_ud		Planned
transit vehicle conditions_ud			Planned	
CARTS Security Monitoring Field Equipment	secure area surveillance control		Planned	
CARTS Transit Kiosks	transit fare information		Planned	
	transit traveler information		Planned	



Source Element	Destination Element	Flow	Status
CARTS Transit Operations Center (continued)	CARTS Transit Police	transit emergency data	Planned
	CARTS Website	demand responsive transit plan	Planned
		transit and fare schedules	Planned
	City of Austin Public Information Office	emergency transit schedule information_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	transit emergency data	Planned
	City of Cedar Park Public Information Office	emergency transit schedule information_ud	Planned
	City of Georgetown Public Information Office	emergency transit schedule information_ud	Planned
	City of Round Rock Communications Center	transit emergency data	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	City of Round Rock Public Information Office	emergency transit schedule information_ud	Planned
		emergency transit schedule information_ud	Planned
	County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	County Public Safety Dispatch and PSAP	transit emergency data	Planned
	DPS Communications	amber alert confirmation_ud	Planned
transit emergency data		Planned	
Financial Institution	payment request	Planned	
Intercity Carrier Dispatch	transit multimodal information	Planned	
LCRA Flood Monitoring Center	transit emergency data	Planned	

Source Element	Destination Element	Flow	Status
CARTS Transit Operations Center (continued)	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Municipal Public Information Office	emergency transit schedule information_ud	Planned
	Municipal Public Safety Dispatch and PSAP	transit emergency data	Planned
	Private Sector Traveler Information Services	transit and fare schedules	Planned
	Private Transportation Provider Operations	transit service coordination	Planned
	Service Agencies	ridership information_ud	Planned
	TxDOT 511 System	transit and fare schedules	Planned
		transit incident information	Planned
	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	TxDOT Demand Response Transit Intake Center	demand responsive transit request	Planned
		selected routes	Planned
		transit information request	Planned
	USGS Flood Monitoring Center	transit emergency data	Planned
	Williamson County Emergency Communications Center	transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
emergency transit service response		Planned	
transit system status assessment		Planned	

Figure D38 – CARTS Transit Police Interfaces

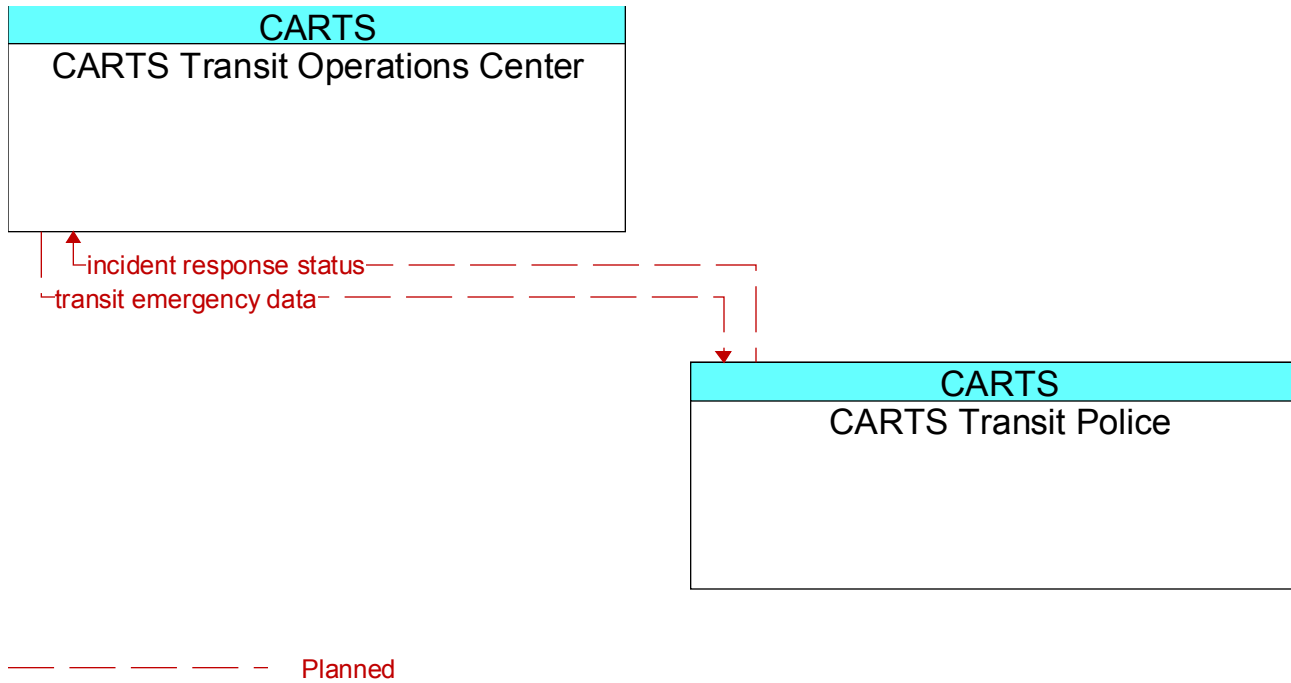


Figure D39 – CARTS Website Interfaces

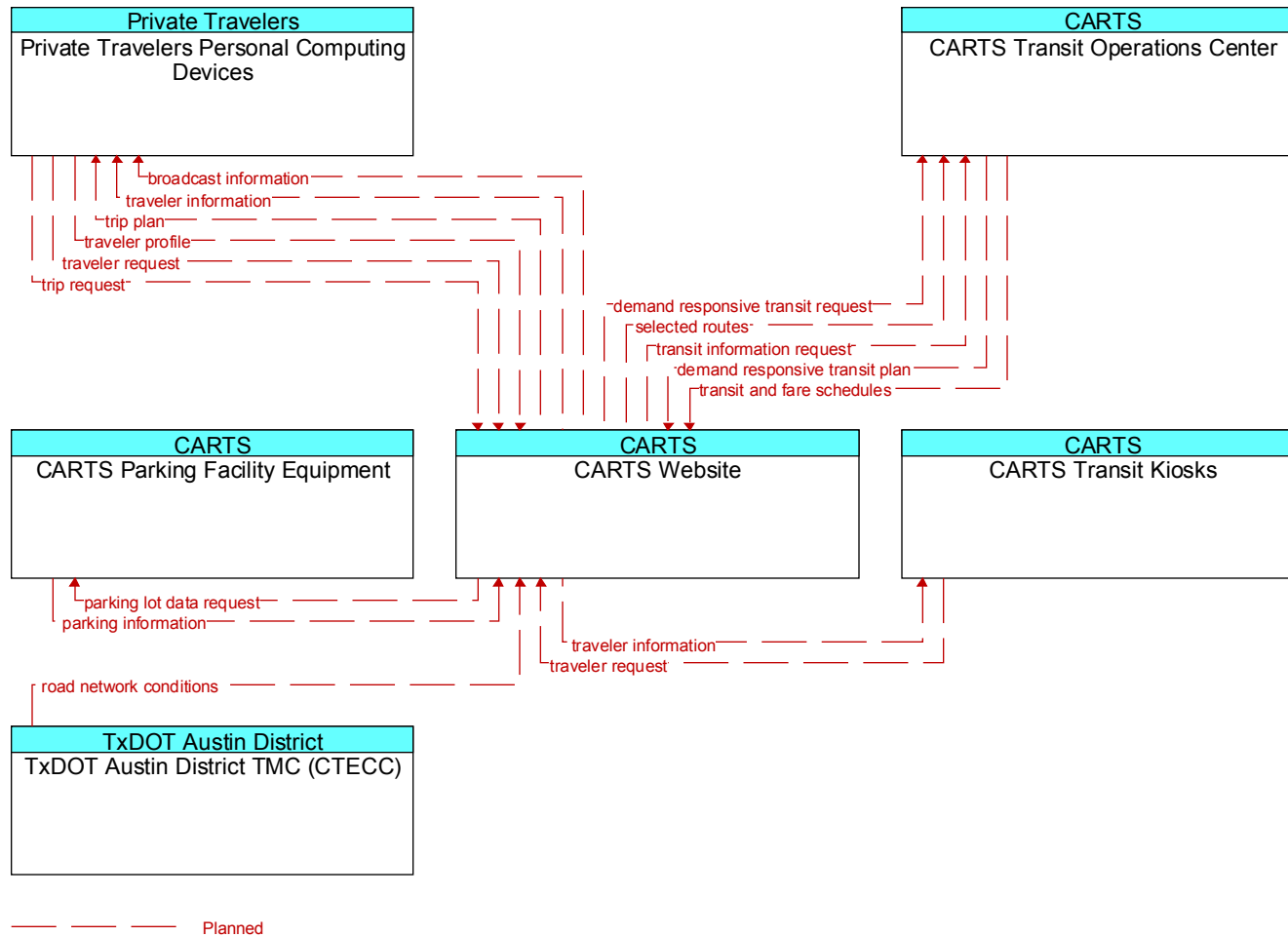


Figure D40 – Cellular Communications Device Systems Interfaces

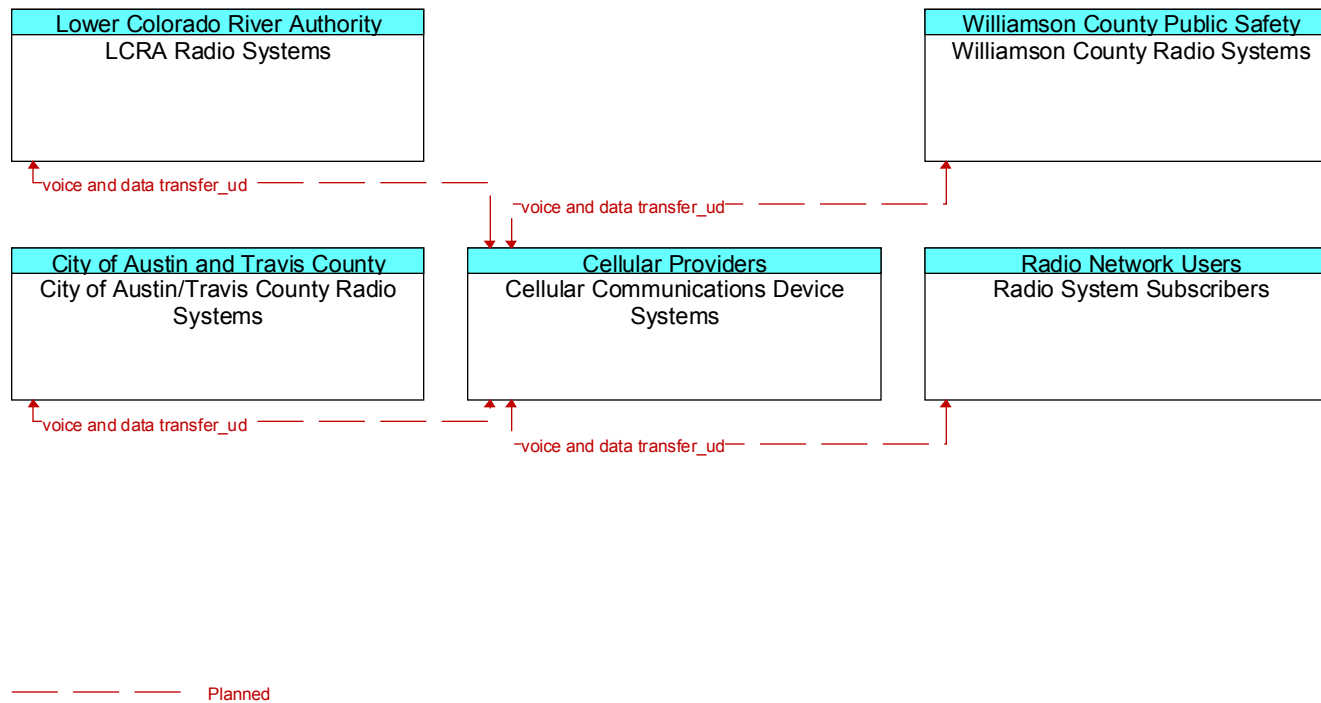


Figure D41 – City of Austin Air Quality Division Interfaces

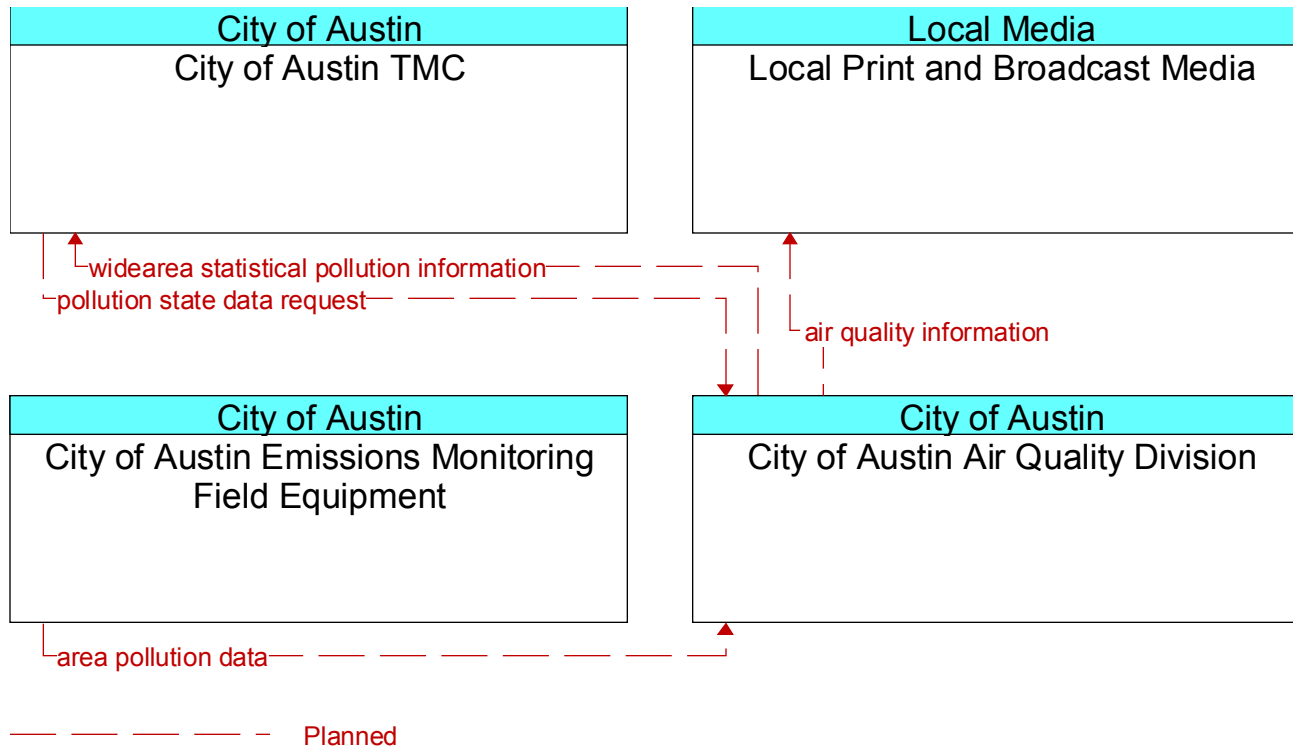


Figure D42 – City of Austin Asset Management System Interfaces

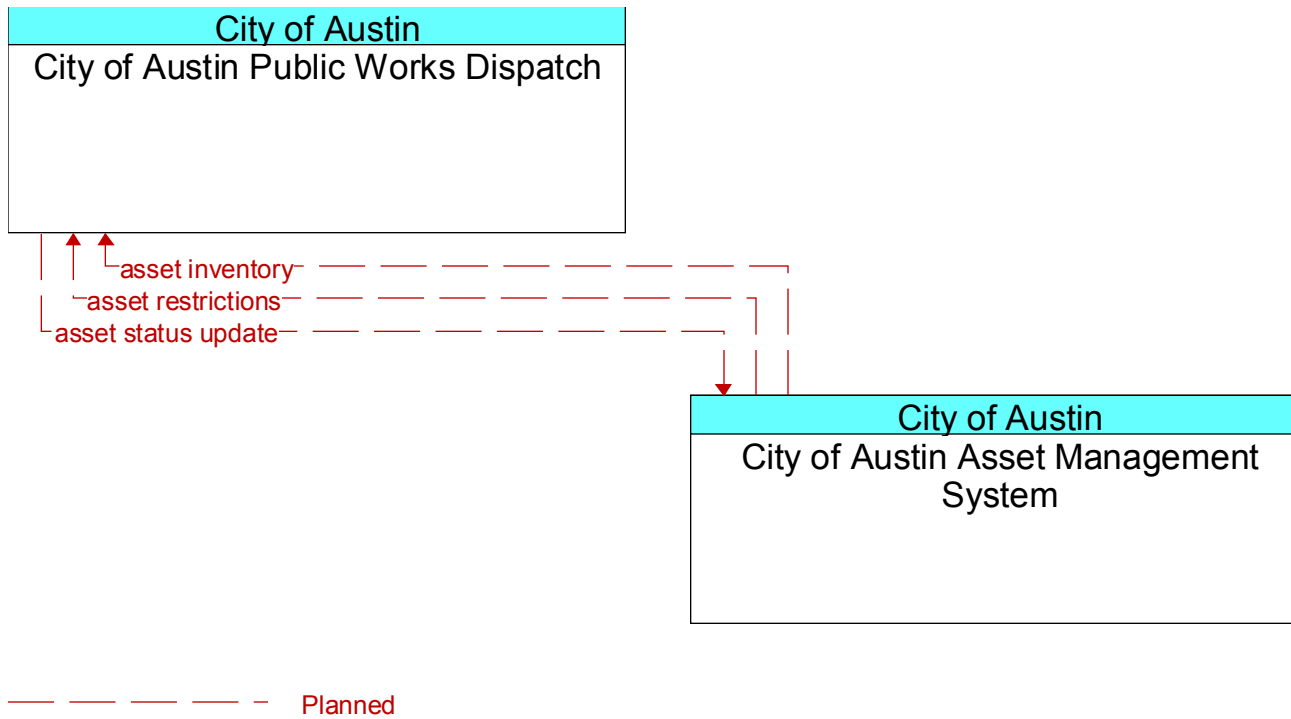


Figure D43 – City of Austin CCTV Interfaces

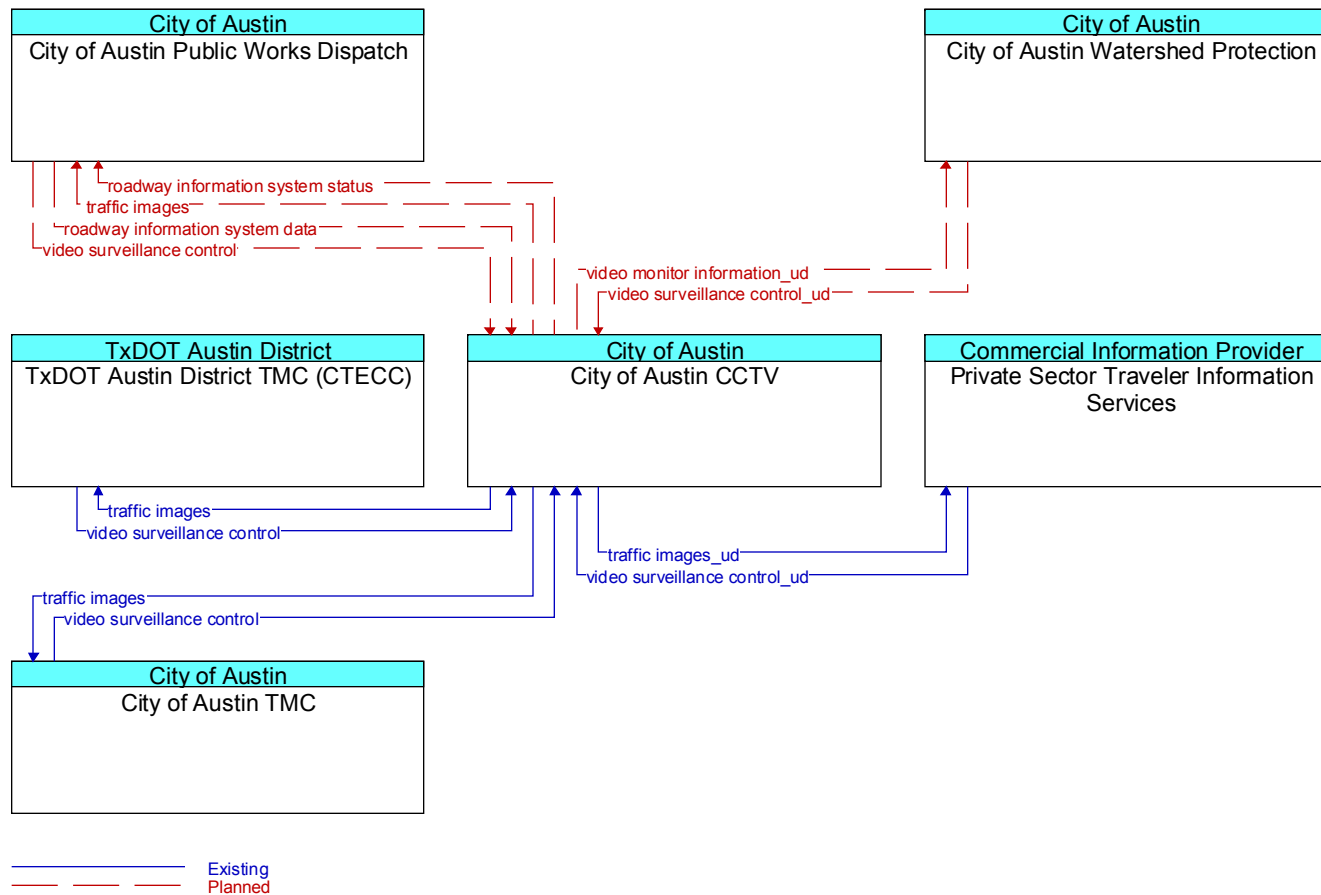




Figure D44 – City of Austin Convention and Visitors Bureau Interfaces

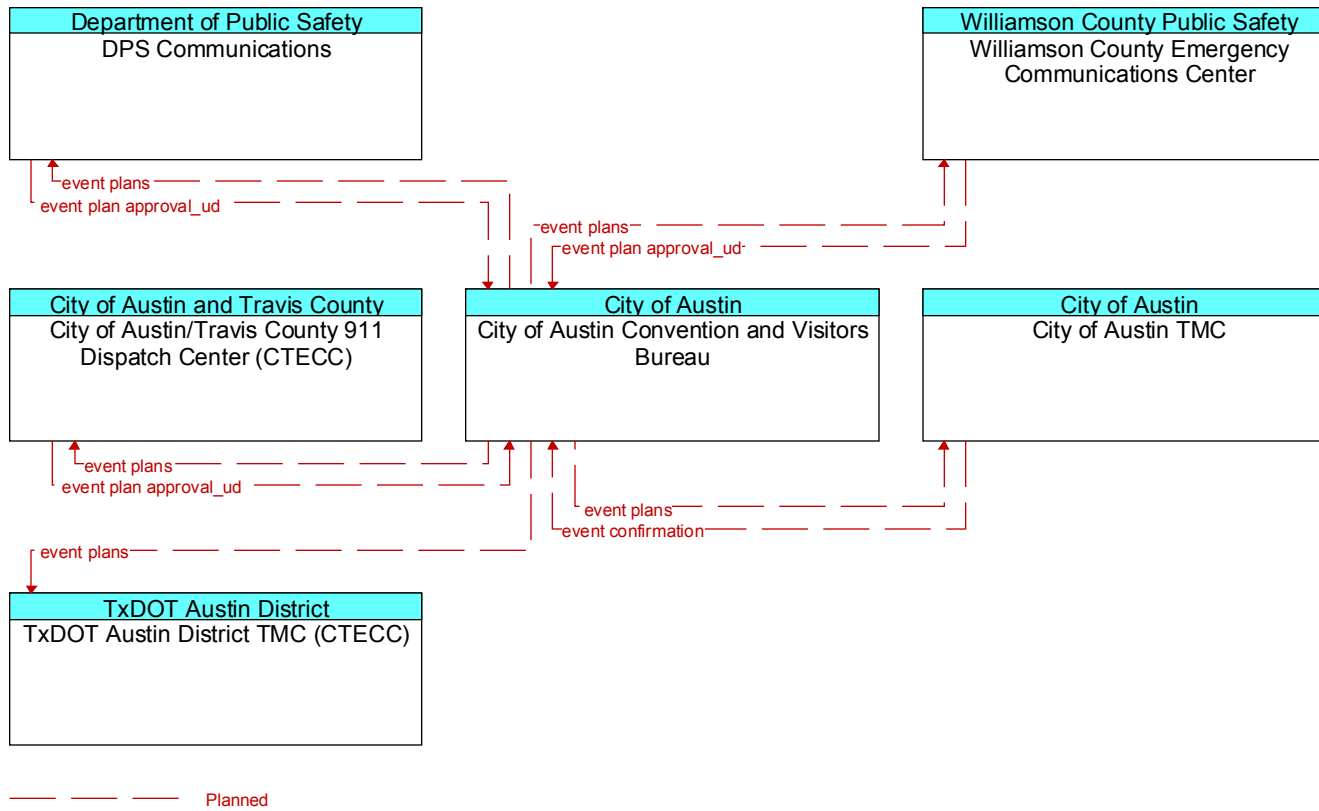


Figure D45 – City of Austin Crash Records Database Interfaces

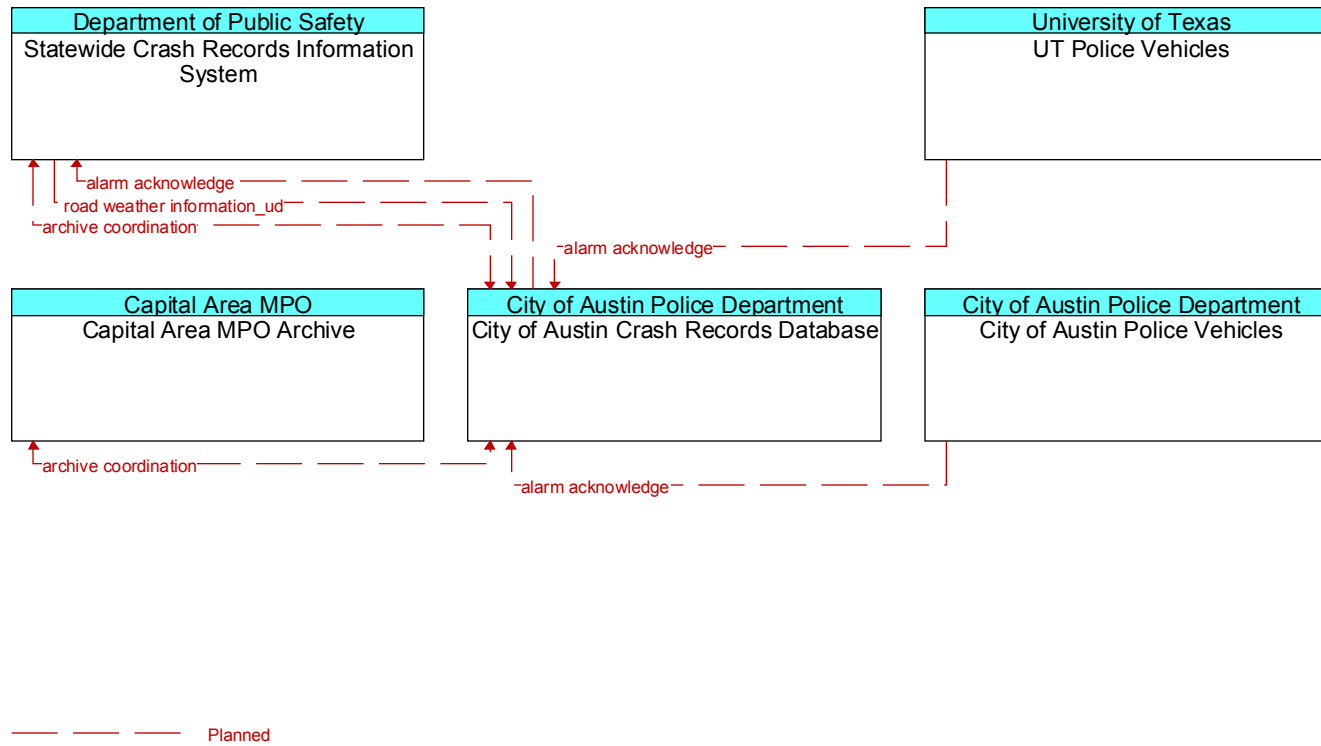


Figure D46 – City of Austin DMS Interfaces

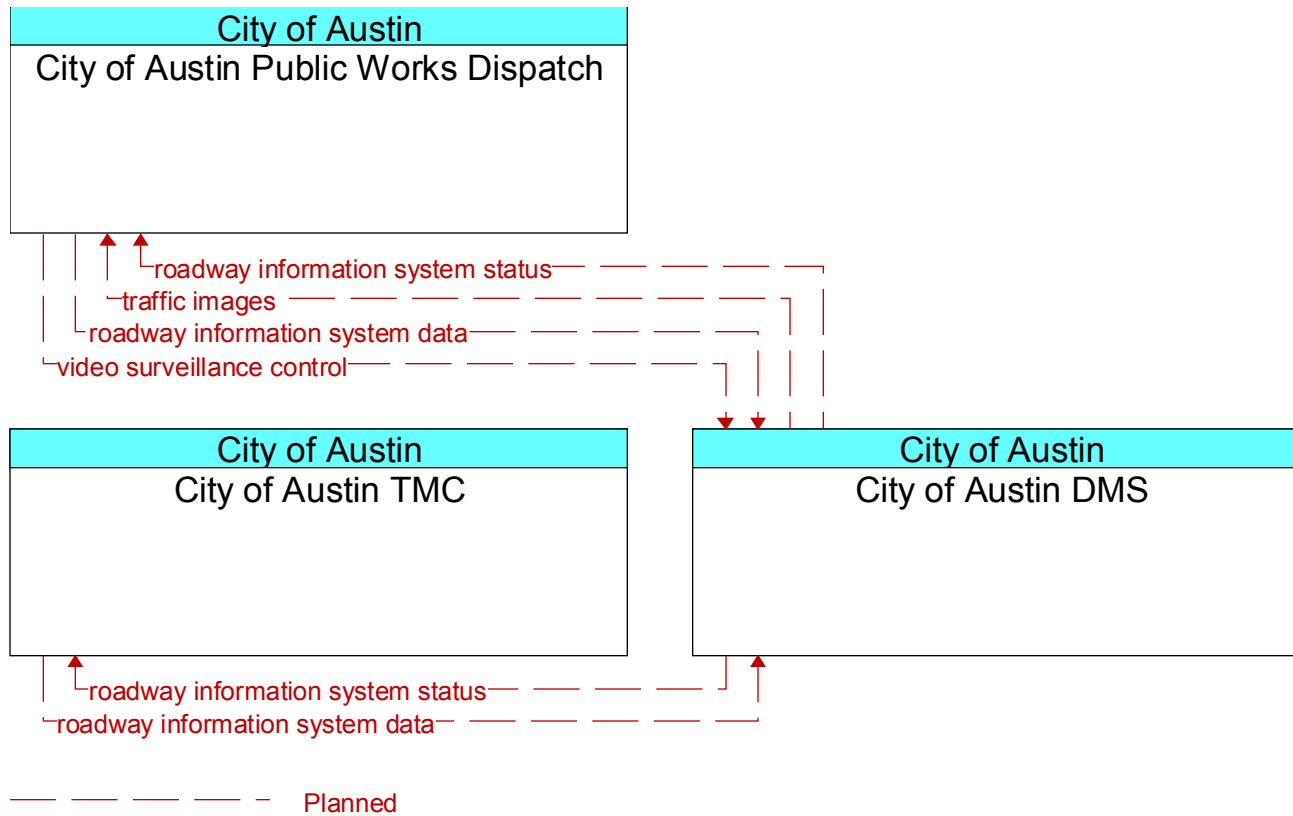


Figure D47 – City of Austin Emissions Monitoring Field Equipment Interfaces

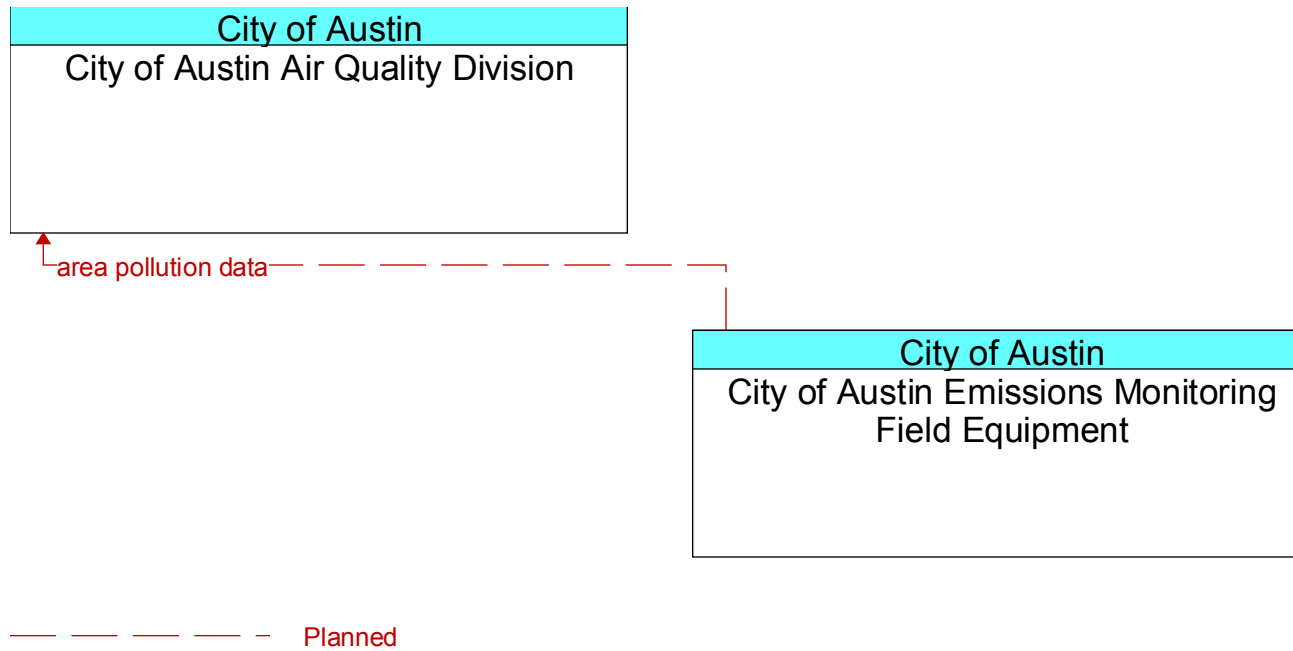


Figure D48 – City of Austin Fire Vehicles Interfaces

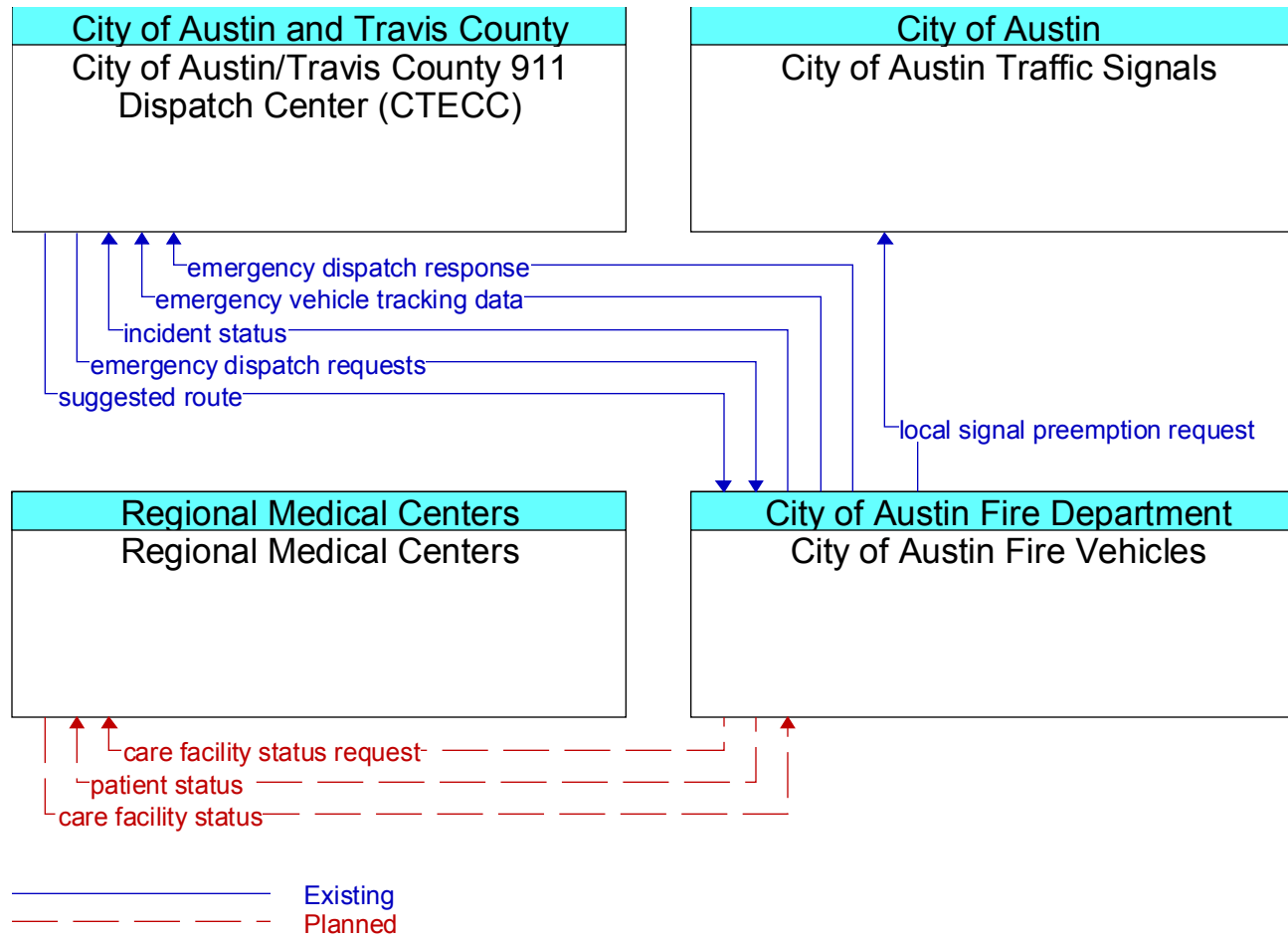


Figure D49 – City of Austin Fleet Services Interfaces

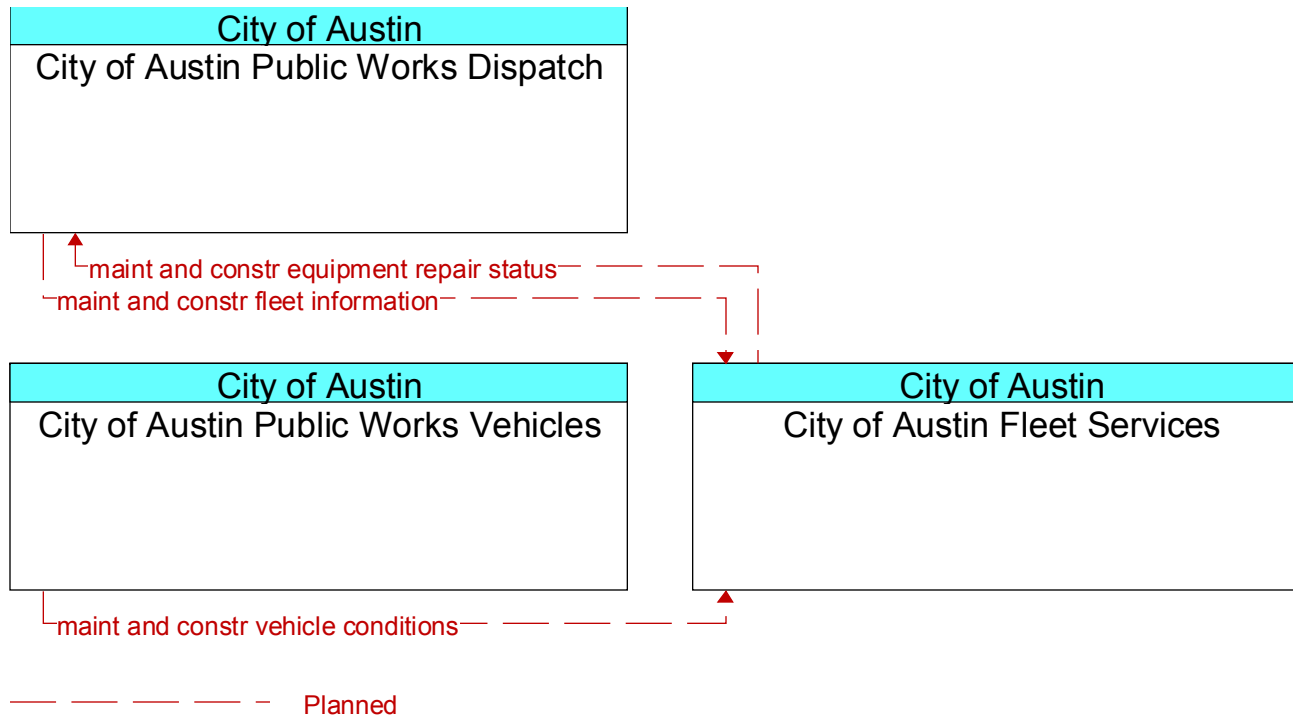


Figure D50 – City of Austin Flood Closure Gates Interfaces

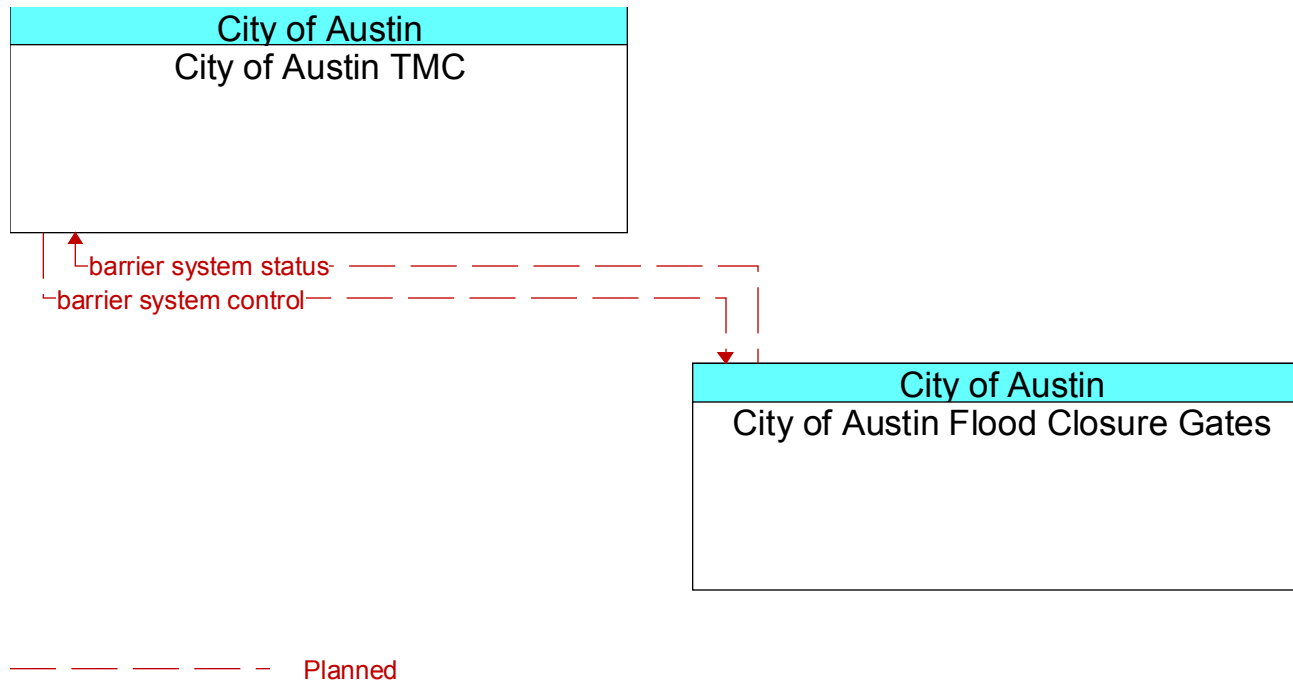


Figure D51 – City of Austin Flood Detectors Interfaces

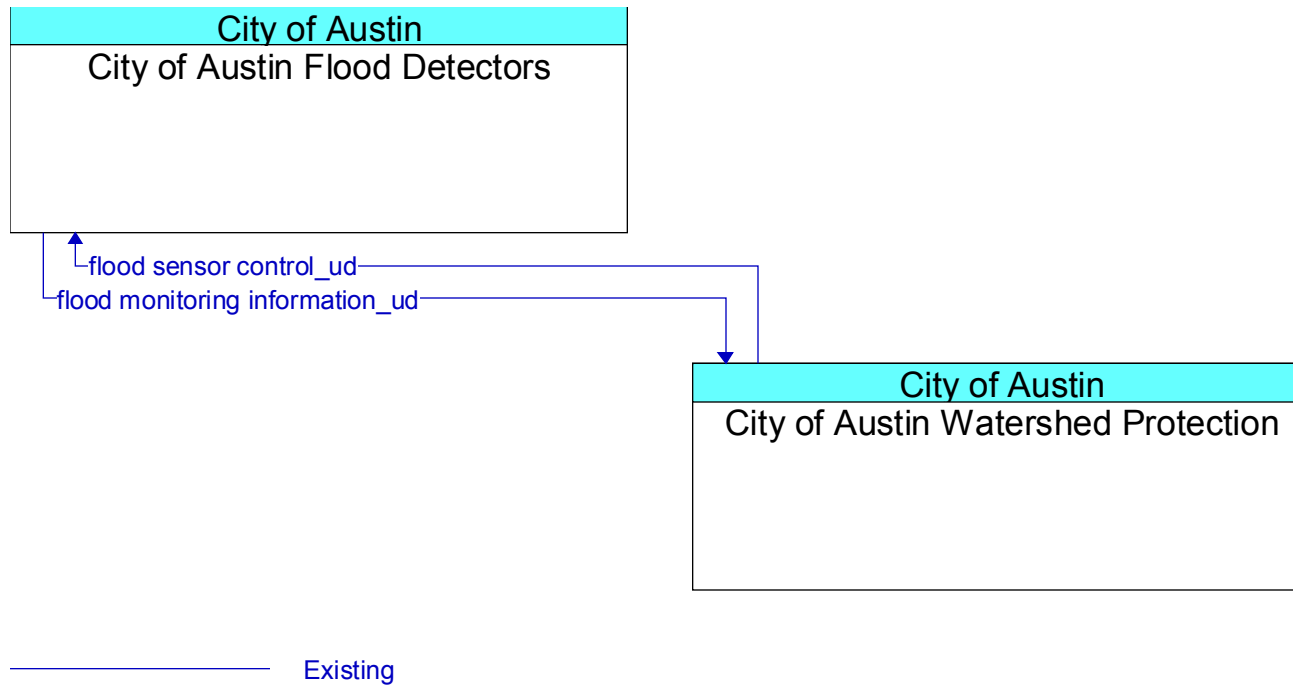




Figure D52 – City of Austin ITS Field Equipment Interfaces

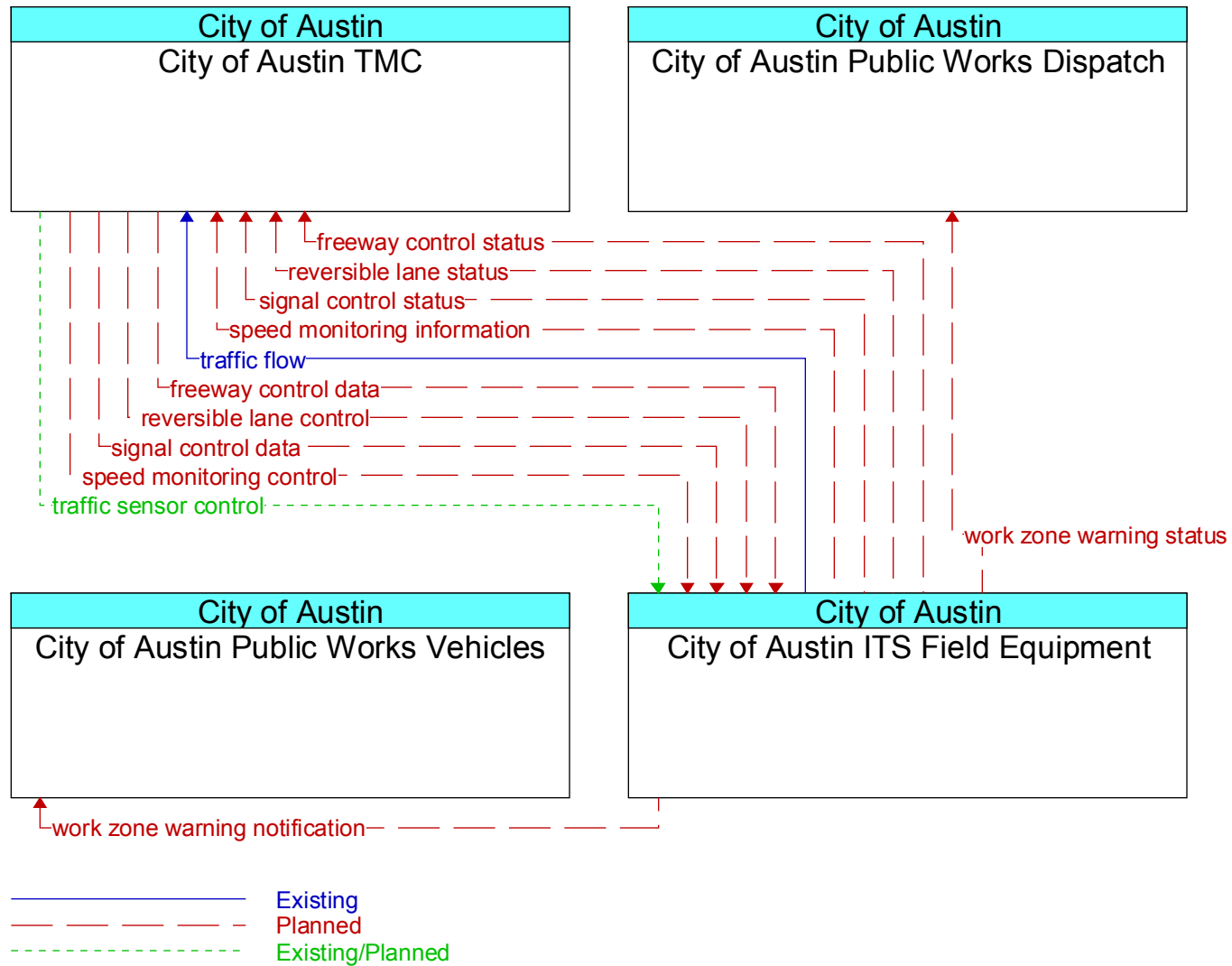


Figure D53 – City of Austin Pavement Management System Interfaces

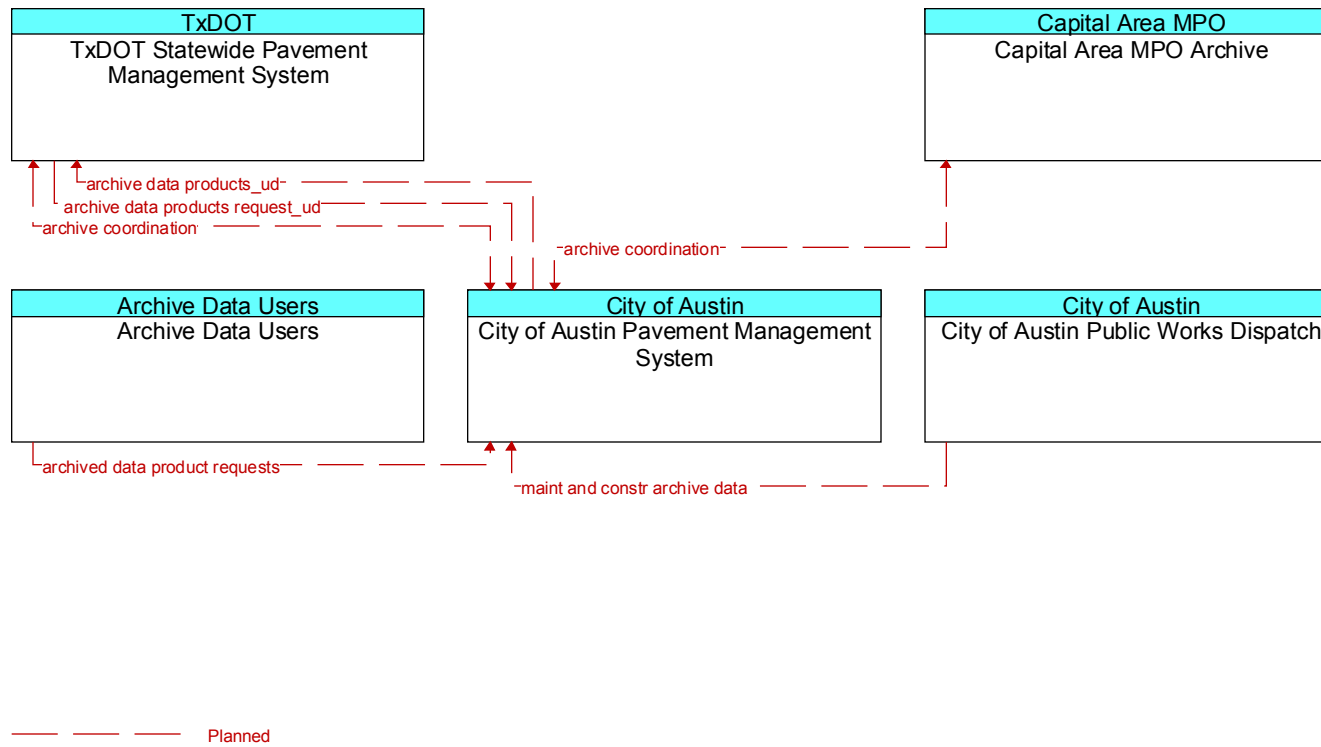


Figure D54 – City of Austin Permit Issuing Department Interfaces

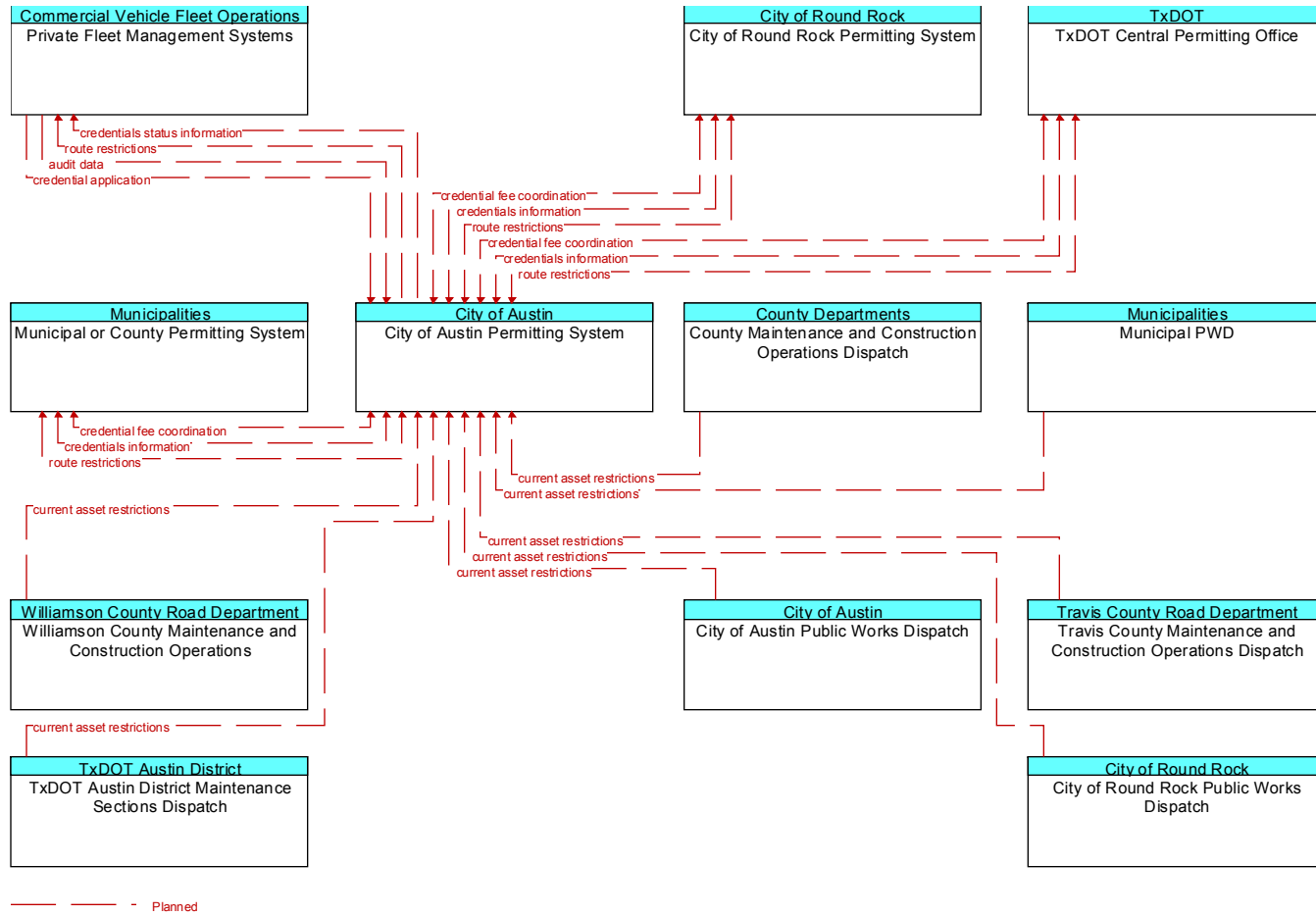


Figure D55 – City of Austin Permitting System Interfaces

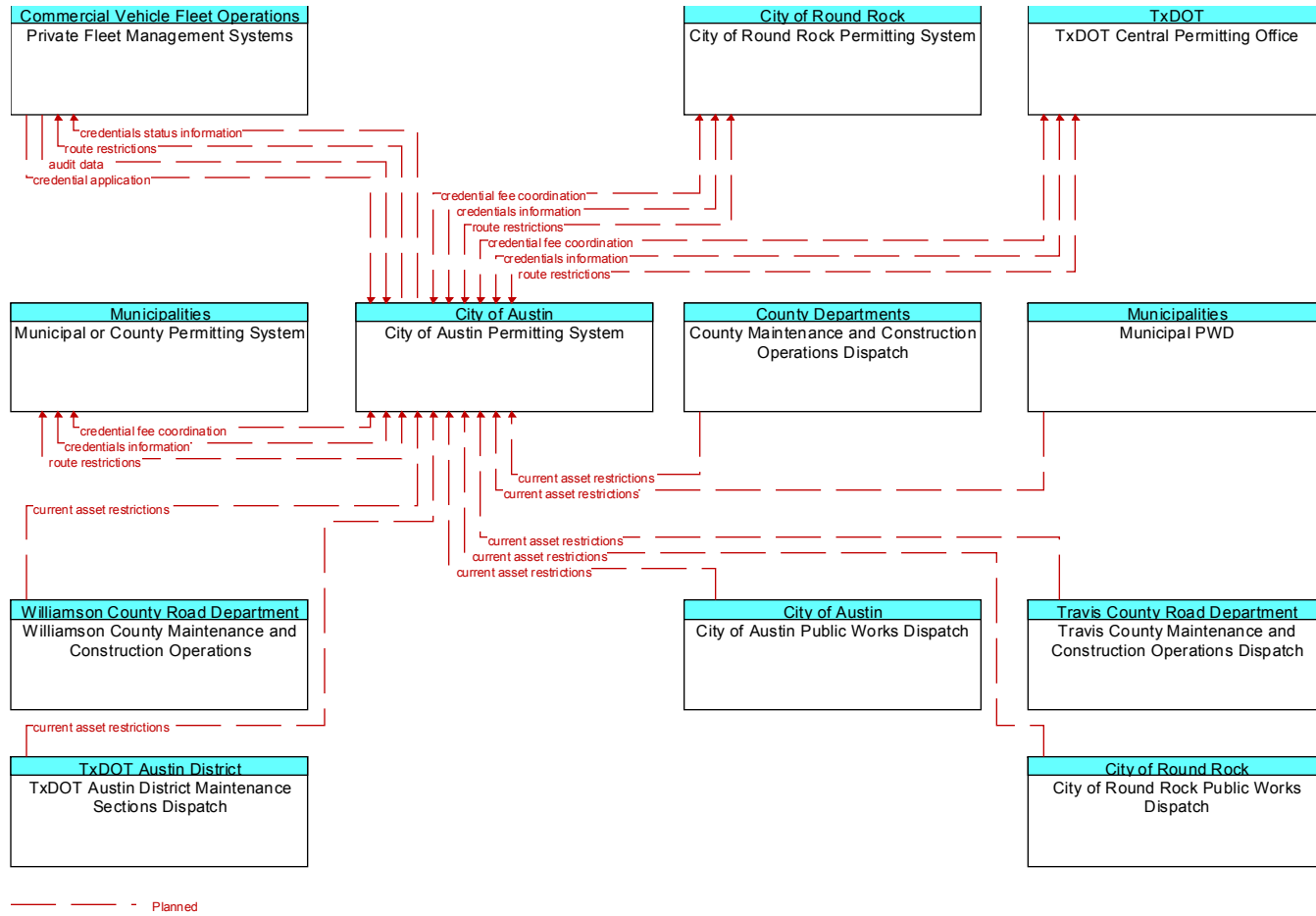


Figure D56 – City of Austin Police Vehicles Interfaces

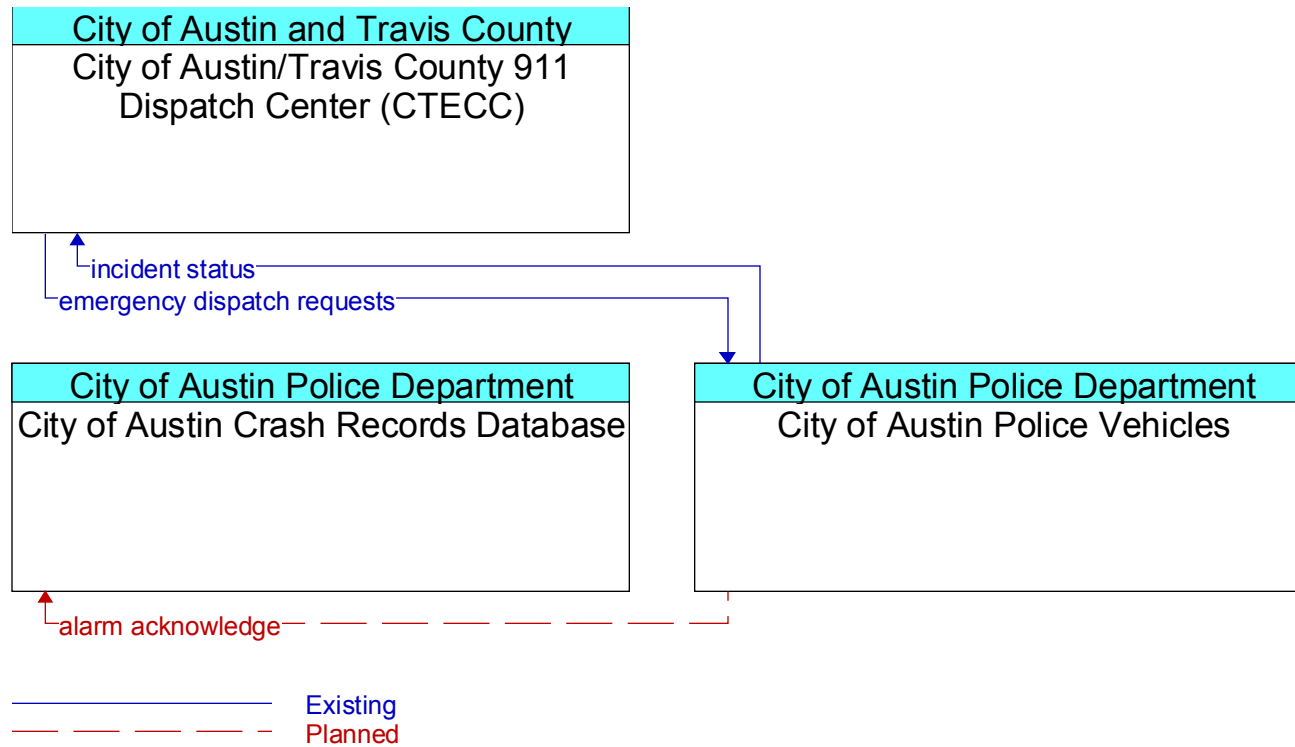


Figure D57 – City of Austin Public Information Office Interfaces

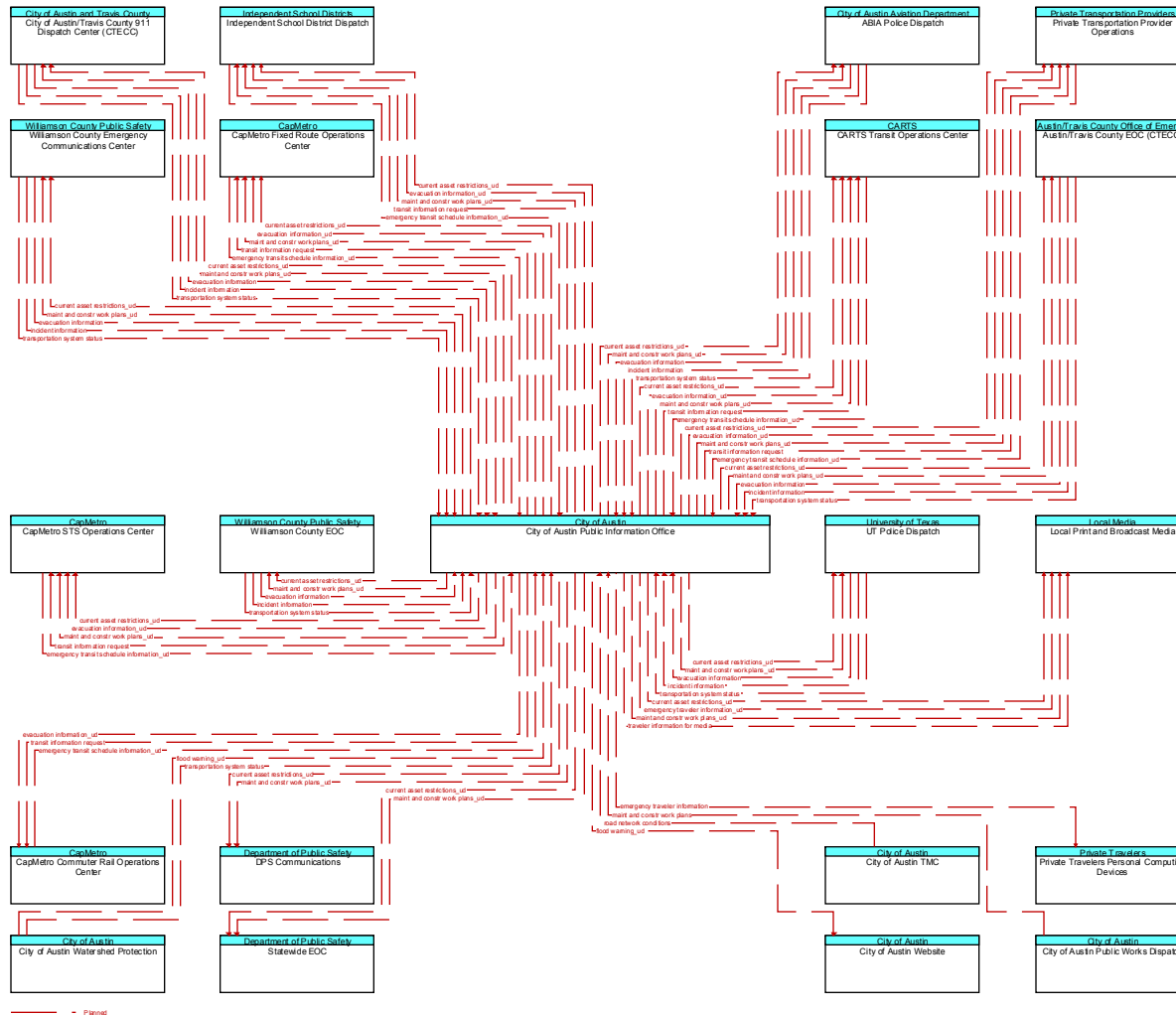
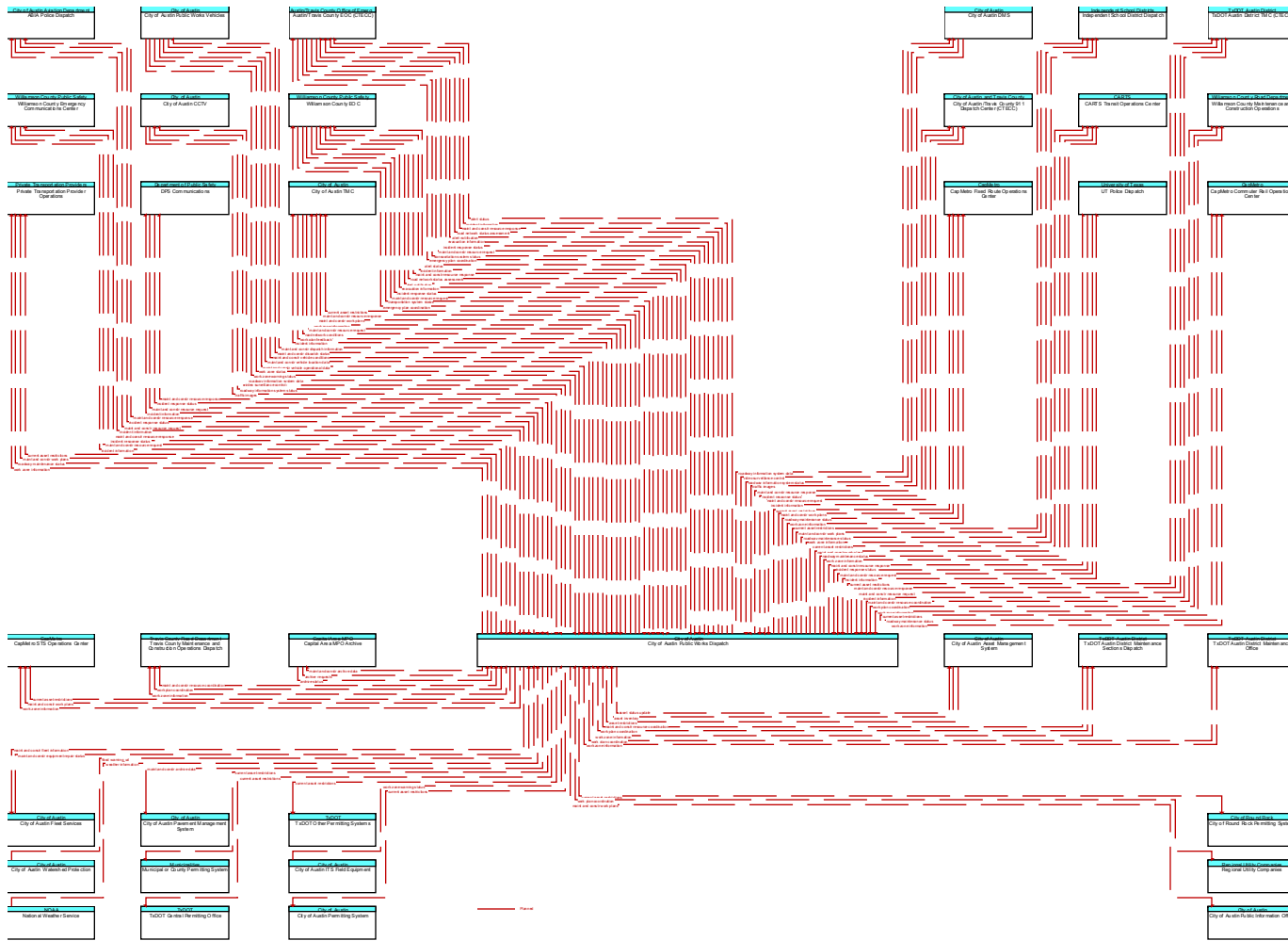


Figure D58 – City of Austin Public Works Dispatch Interfaces



Source Element	Destination Element	Flow	Status
City of Austin Public Works Dispatch	ABIA Police Dispatch	incident information	Planned
		maint and constr resource response	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	maint and constr archive data	Planned
	CapMetro Commuter Rail Operations Center	current asset restrictions	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	CARTS Transit Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	City of Austin Asset Management System	asset status update	Planned
City of Austin CCTV	roadway information system data	Planned	
	video surveillance control	Planned	
City of Austin DMS	roadway information system data	Planned	
	video surveillance control	Planned	



Source Element	Destination Element	Flow	Status	
City of Austin Public Works Dispatch (continued)	City of Austin Fleet Services	maint and constr fleet information	Planned	
	City of Austin Pavement Management System	maint and constr archive data	Planned	
	City of Austin Permitting System	current asset restrictions	Planned	
	City of Austin Public Information Office	maint and constr work plans	Planned	
	City of Austin Public Works Vehicles	maint and constr dispatch information	Planned	
	City of Austin TMC	current asset restrictions		Planned
		incident information		Planned
		maint and constr resource response		Planned
		maint and constr work plans		Planned
		work zone information		Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident information		Planned
		maint and constr resource response		Planned
	City of Round Rock Permitting System	current asset restrictions		Planned
	DPS Communications	incident information		Planned
		maint and constr resource response		Planned
	Independent School District Dispatch	current asset restrictions		Planned
		maint and constr work plans		Planned
		roadway maintenance status		Planned
		work zone information		Planned
	Municipal or County Permitting System	current asset restrictions		Planned
	Private Transportation Provider Operations	current asset restrictions		Planned
		maint and constr work plans		Planned
		roadway maintenance status		Planned
work zone information			Planned	
Regional Utility Companies	work plan coordination		Planned	

Source Element	Destination Element	Flow	Status
City of Austin Public Works Dispatch (continued)	Travis County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District Maintenance Office	work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District Maintenance Sections Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned
	UT Police Dispatch	incident information	Planned
		maint and constr resource response	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		maint and constr resource response	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Williamson County Maintenance and Construction Operations	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned

Figure D59 – City of Austin Public Works Vehicles Interfaces

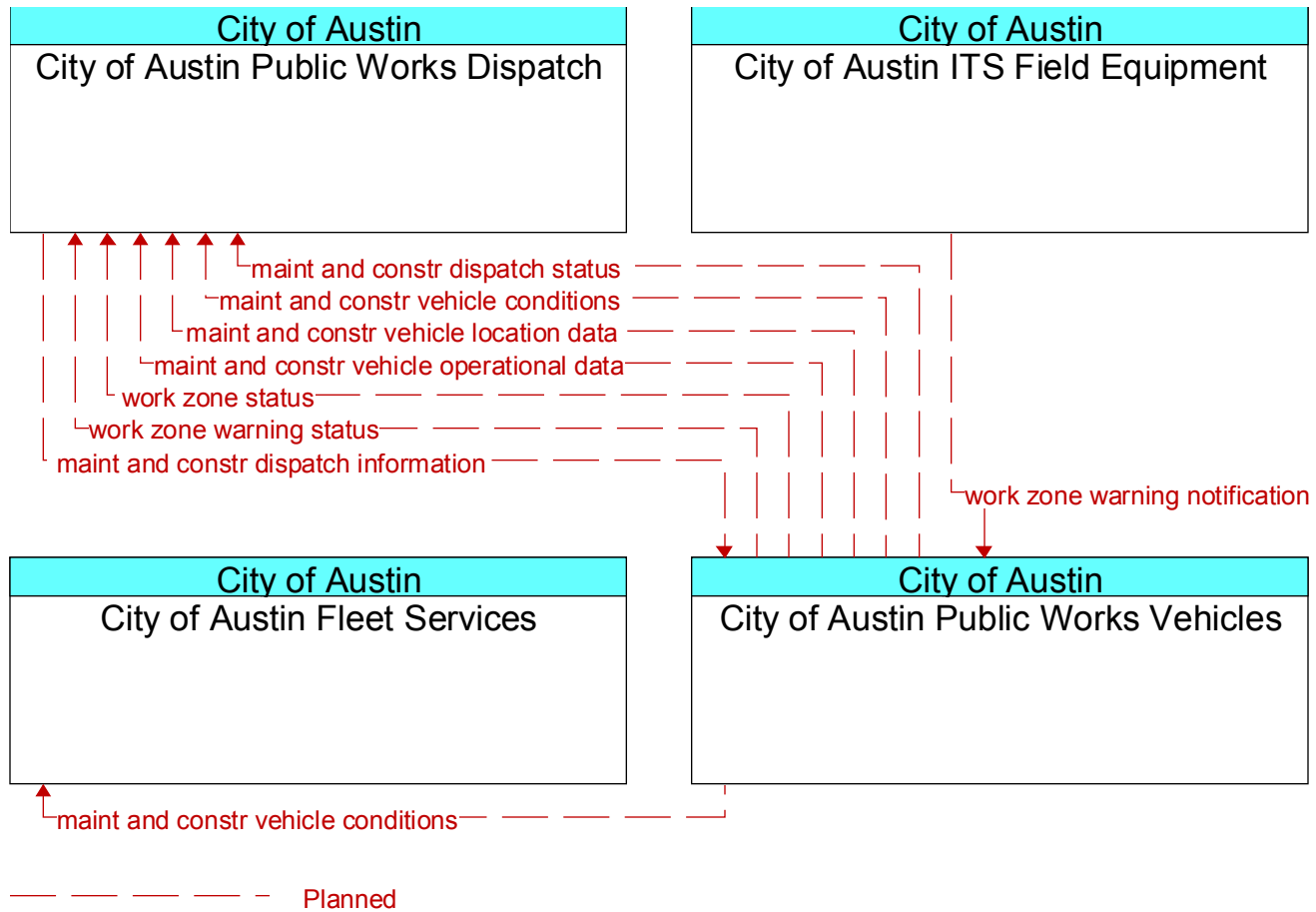
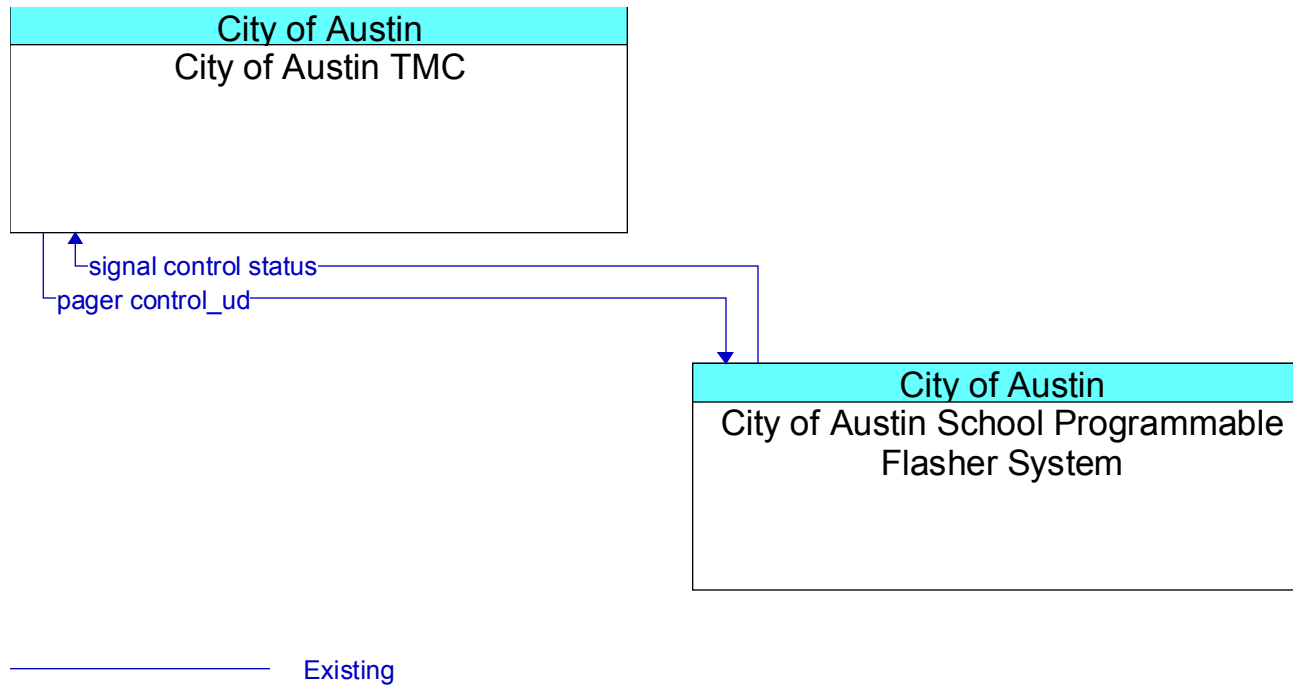


Figure D60 – City of Austin School Programmable Flasher System Interfaces





Source Element	Destination Element	Flow	Status
City of Austin TMC	ABIA Police Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
		request transit information	Planned
		road network conditions	Planned
		traffic control priority status	Planned
	CapMetro Fixed Route Operations Center	road network conditions	Planned
	CapMetro STS Operations Center	road network conditions	Planned
	CARTS Transit Operations Center	road network conditions	Planned
	City of Austin Air Quality Division	pollution state data request	Planned
	City of Austin CCTV	video surveillance control	Existing
	City of Austin Convention and Visitors Bureau	event confirmation	Planned
City of Austin DMS	roadway information system data	Planned	
City of Austin Flood Closure Gates	barrier system control	Planned	
City of Austin ITS Field Equipment	freeway control data	Planned	
	reversible lane control	Planned	
	signal control data	Planned	

Source Element	Destination Element	Flow	Status
City of Austin TMC (continued)	City of Austin ITS Field Equipment (continued)	speed monitoring control	Planned
		traffic sensor control	Existing/ Planned
	City of Austin Permit Issuing Department	event confirmation	Planned
	City of Austin Public Information Office	road network conditions	Planned
	City of Austin Public Works Dispatch	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	City of Austin School Programmable Flasher System	pager control_ud	Existing
	City of Austin Traffic Database	traffic archive data	Planned
	City of Austin Traffic Signals	hri control data	Planned
		hri request	Planned
		signal control data	Existing/ Planned
	City of Austin Website	road network conditions	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	City of Cedar Park TOC	traffic information coordination	Planned
	City of Round Rock TMC	traffic information coordination	Planned
DPS Communications	incident information	Planned	
	resource deployment status	Planned	
	road network conditions	Planned	
	traffic images	Planned	
Independent School District Dispatch	road network conditions	Planned	
LCRA Flood Monitoring Center	incident information	Planned	
Municipal Traffic Operations Center	traffic information coordination	Planned	

Source Element	Destination Element	Flow	Status
City of Austin TMC (continued)	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Private Transportation Provider Operations	road network conditions	Planned
	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Rail Operations Centers	hri advisories	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	Regional Utility Companies	work plan feedback	Planned
	Travis County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	TxDOT 511 System	road network conditions	Planned
	TxDOT Austin District CCTV	video surveillance control	Existing
	TxDOT Austin District Field Sensors	roadway equipment coordination_ud	Planned
	TxDOT Austin District Lane Control Signals	roadway equipment coordination_ud	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud	Planned	
	traffic information coordination	Planned	
USGS Flood Monitoring Center	incident information	Planned	
UT Events Office	event confirmation	Planned	



Source Element	Destination Element	Flow	Status
City of Austin TMC (continued)	UT Police Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Williamson County Maintenance and Construction Operations	incident information	Planned
		maint and constr resource request	Planned
work plan feedback		Planned	

Figure D62 – City of Austin Traffic Database Interfaces

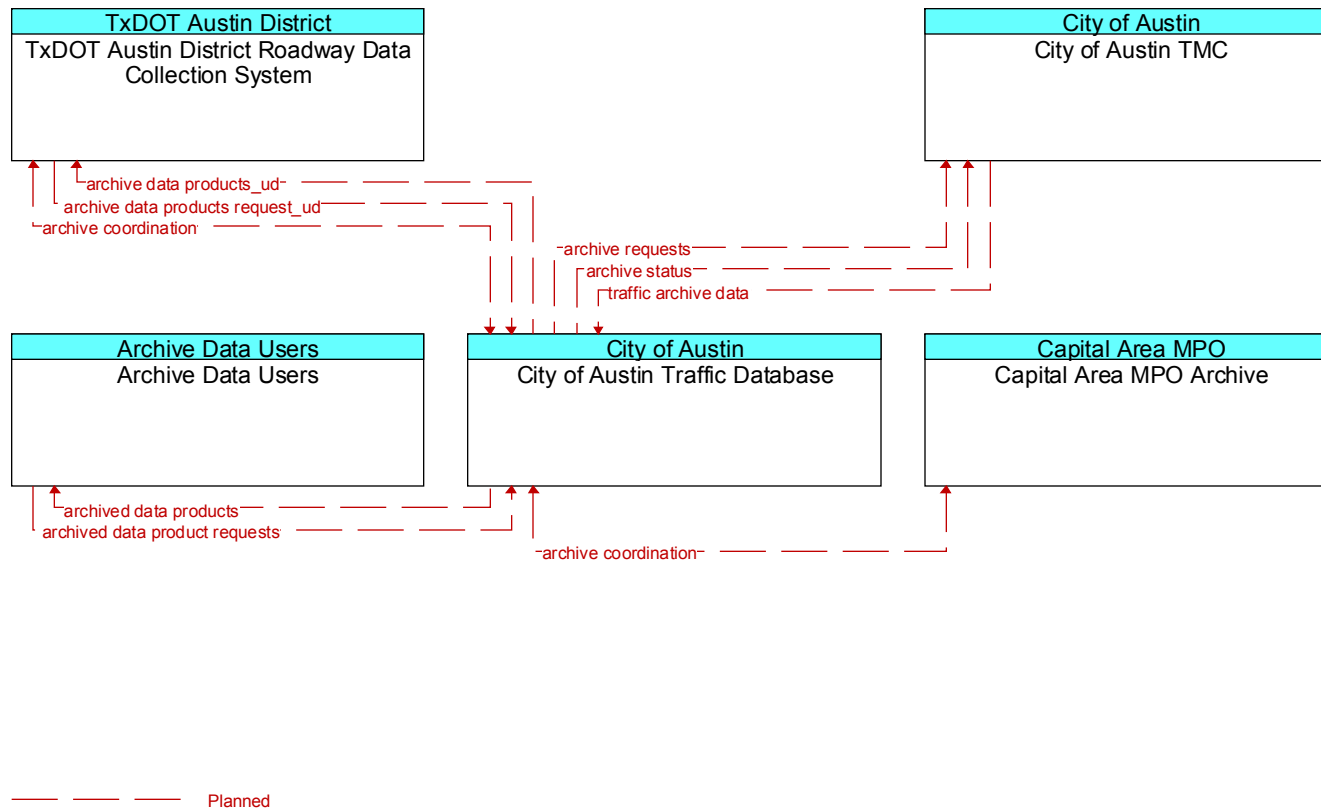


Figure D63 – City of Austin Traffic Signals Interfaces

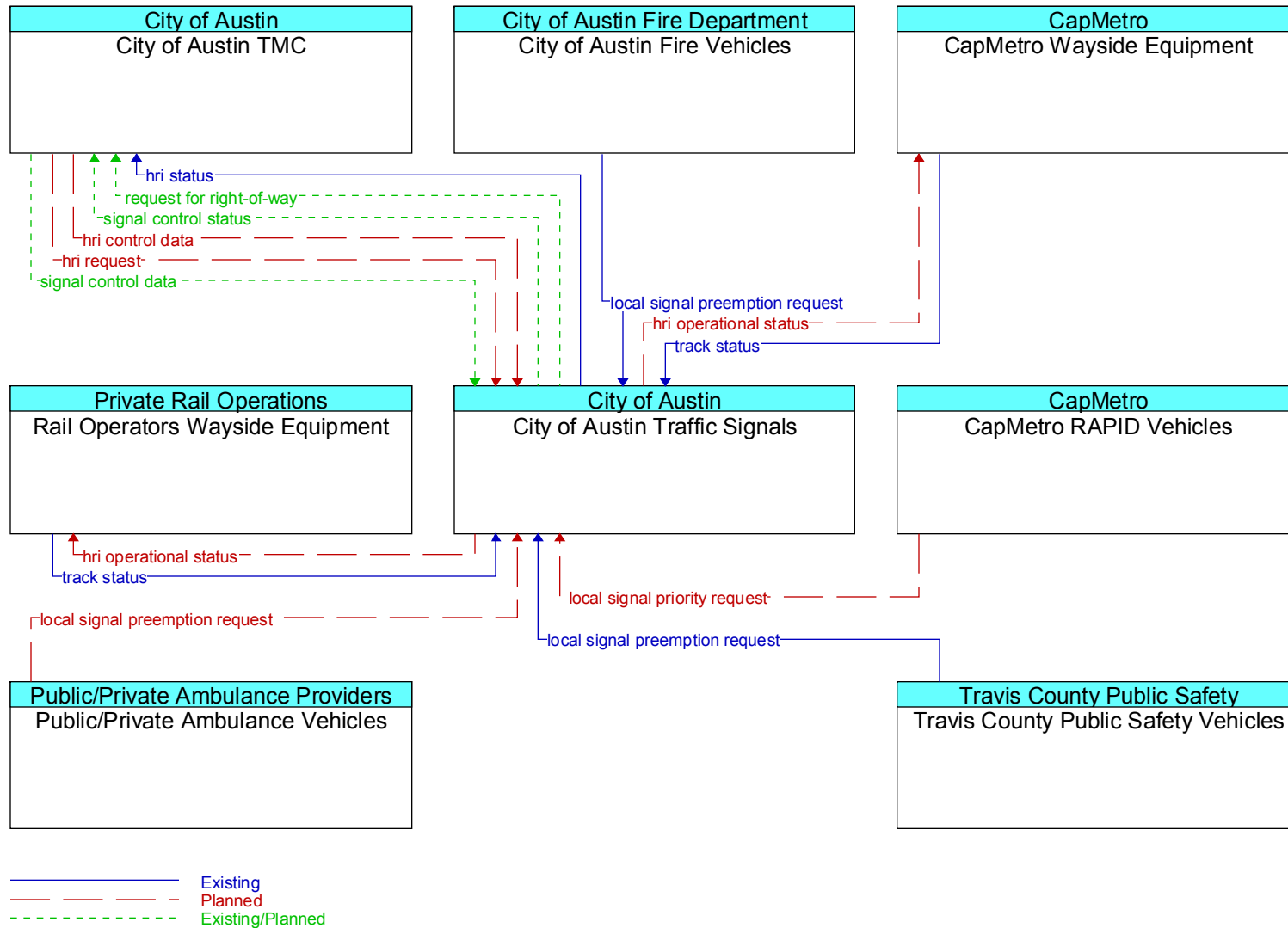


Figure D64 – City of Austin Watershed Protection Interfaces

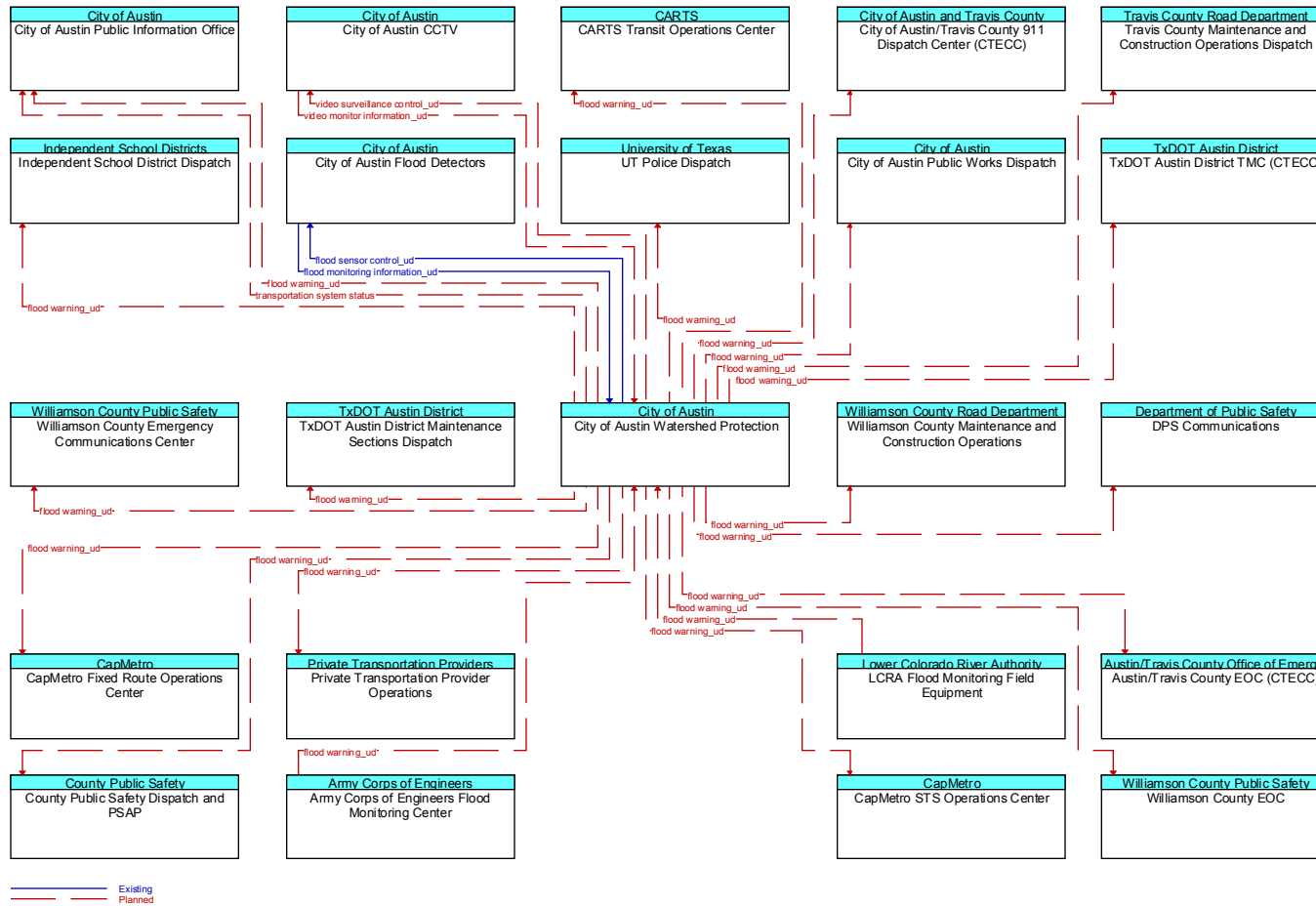


Figure D65 – City of Austin Website Interfaces

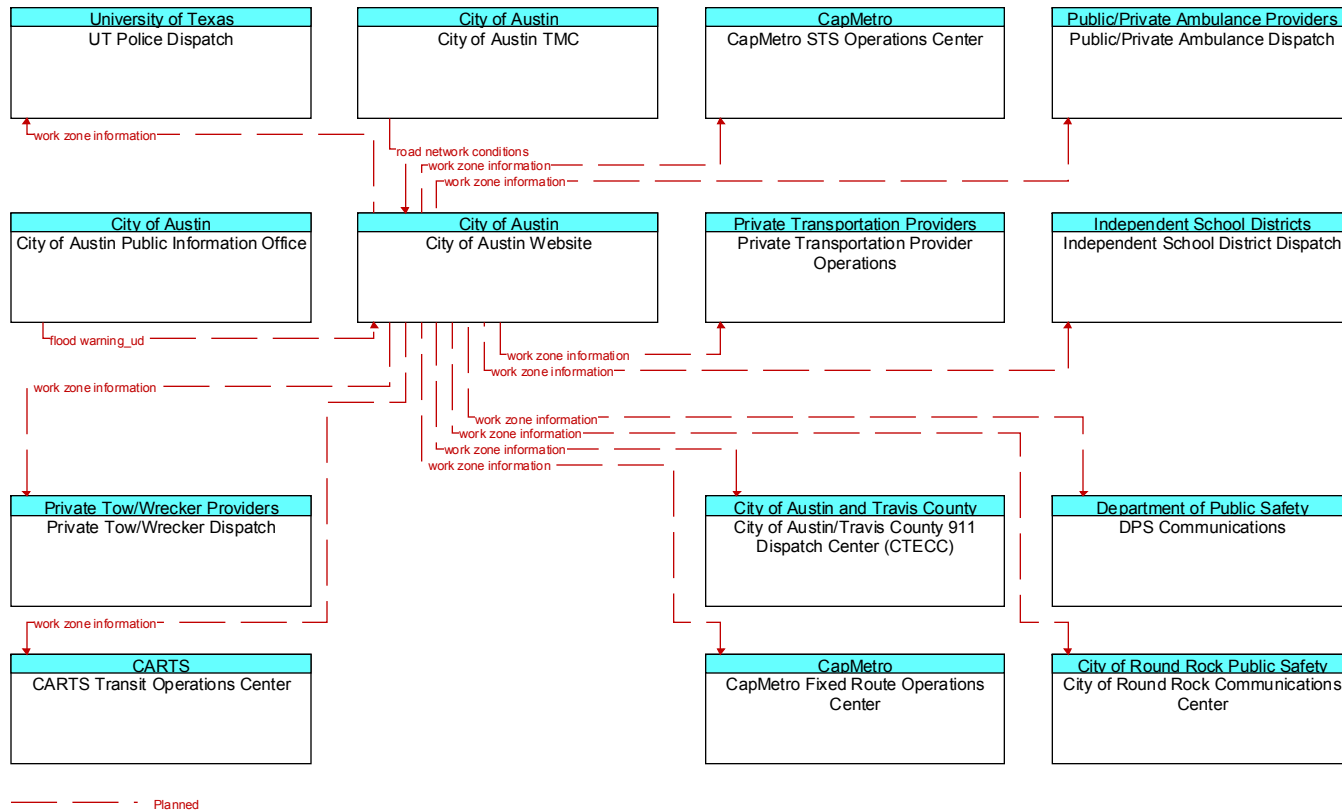
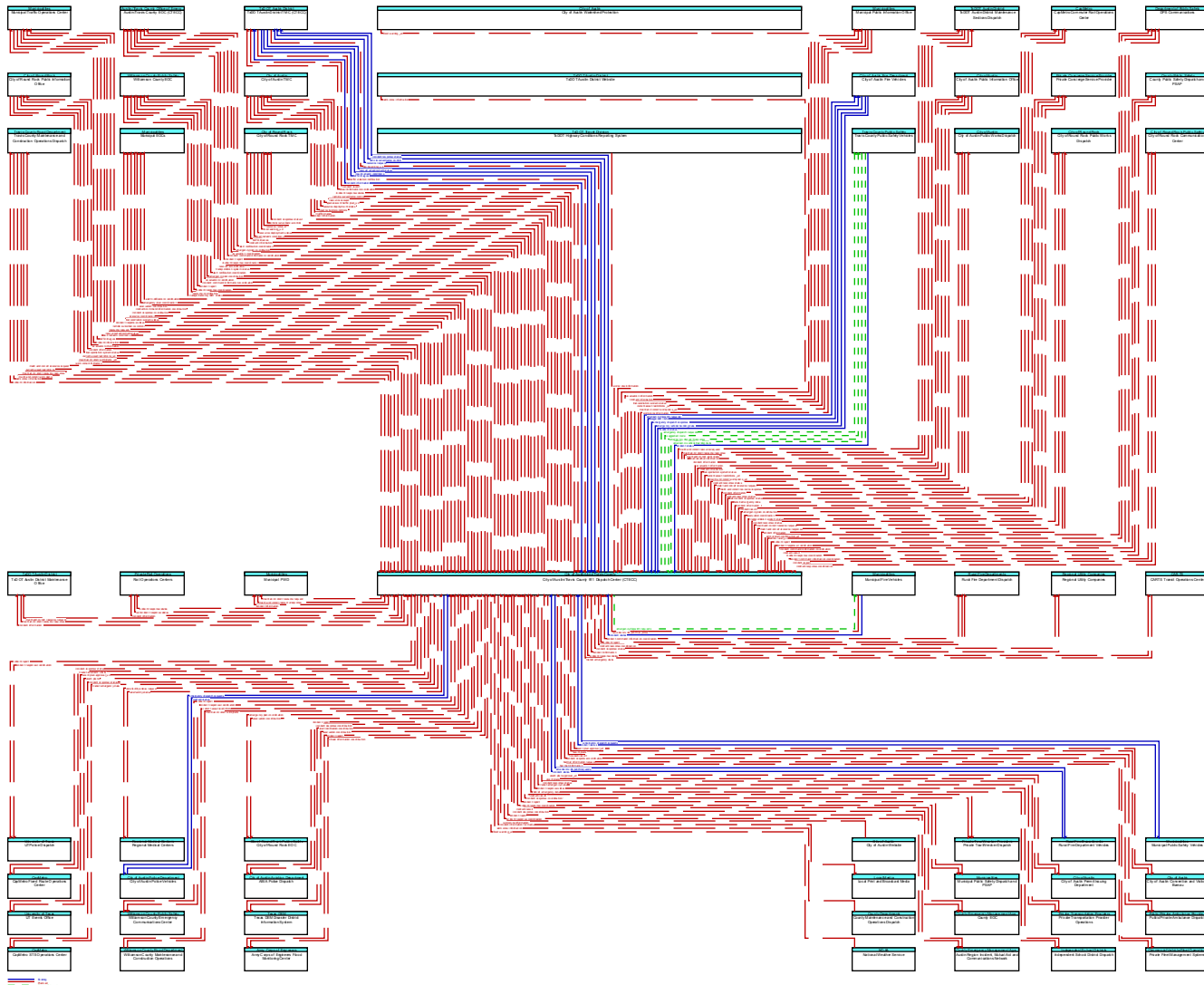


Figure D66 – City of Austin/Travis County 911 Dispatch Center (CTECC) Interfaces



Source Element	Destination Element	Flow	Status
City of Austin/Travis County 911 Dispatch Center (CTECC)	ABIA Police Dispatch	incident report	Planned
		incident response coordination	Planned
	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	CapMetro Commuter Rail Operations Center	transportation system status	Planned
		incident information	Planned
	CapMetro Fixed Route Operations Center	incident response status	Planned
		incident response status	Planned
	CapMetro STS Operations Center	incident response status	Planned
	CARTS Transit Operations Center	incident response status	Planned
	City of Austin Convention and Visitors Bureau	event plan approval_ud	Planned
	City of Austin Fire Vehicles	emergency dispatch requests	Existing
		suggested route	Existing
	City of Austin Permit Issuing Department	event plan approval_ud	Planned
	City of Austin Police Vehicles	emergency dispatch requests	Existing
	City of Austin Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned

Source Element	Destination Element	Flow	Status	
City of Austin/Travis County 911 Dispatch Center (CTECC) (continued)	City of Austin Public Works Dispatch	incident information	Planned	
		incident response status	Planned	
		maint and constr resource request	Planned	
	City of Austin TMC	City of Austin TMC	incident information	Planned
			incident response status	Planned
			remote surveillance control	Planned
			resource request	Planned
			special event traffic plan_ud	Planned
	City of Round Rock Communications Center	City of Round Rock Communications Center	incident command information coordination	Planned
			incident report	Planned
			incident response coordination	Planned
	City of Round Rock EOC	City of Round Rock EOC	emergency plan coordination	Planned
			evacuation coordination	Planned
	City of Round Rock Public Information Office	City of Round Rock Public Information Office	evacuation information	Planned
			incident information	Planned
			transportation system status	Planned
	City of Round Rock Public Works Dispatch	City of Round Rock Public Works Dispatch	incident information	Planned
			incident response status	Planned
			maint and constr resource request	Planned
	City of Round Rock TMC	City of Round Rock TMC	incident information	Planned
			incident response status	Planned
			remote surveillance control	Planned
			resource request	Planned
	County EOC	County EOC	incident report	Planned
incident response coordination			Planned	
County Public Safety Dispatch and PSAP	County Public Safety Dispatch and PSAP	incident command information coordination	Planned	
		incident report	Planned	
		incident response coordination	Planned	



Source Element	Destination Element	Flow	Status	
City of Austin/Travis County 911 Dispatch Center (CTECC) (continued)	DPS Communications	amber alert confirmation_ud	Planned	
		amber alert_ud	Planned	
		incident report	Planned	
		incident response coordination	Planned	
	Independent School District Dispatch		incident response status	Planned
	Local Print and Broadcast Media		incident information for media	Planned
	Municipal EOCs		alert notification coordination	Planned
			emergency plan coordination	Planned
			evacuation coordination	Planned
			incident command information coordination	Planned
			incident response coordination	Planned
			resource coordination	Planned
	Municipal Fire Vehicles		transportation system status	Planned
			emergency dispatch requests	Existing/ Planned
	Municipal Public Information Office		evacuation information	Planned
			incident information	Planned
			transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP		incident report	Planned
			incident response coordination	Planned
	Municipal Public Safety Vehicles		emergency dispatch requests	Existing
	Municipal PWD		incident information	Planned
			maint and constr resource request	Planned
	Municipal Traffic Operations Center		incident information	Planned
		incident response status	Planned	
		remote surveillance control	Planned	
		resource request	Planned	

Source Element	Destination Element	Flow	Status
City of Austin/Travis County 911 Dispatch Center (CTECC) (continued)	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Fleet Management Systems	hazmat information request	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	incident response status	Planned
	Public/Private Ambulance Dispatch	incident report	Planned
		incident response coordination	Planned
	Rail Operations Centers	incident information	Planned
		incident response status	Planned
	Regional Medical Centers	care facility status request	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Rural Fire Department Vehicles	emergency dispatch requests	Existing
	Texas DEM Disaster District Information System	alert notification coordination	Planned
		evacuation coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
	Travis County Public Safety Vehicles	emergency dispatch requests	Existing/ Planned
suggested route		Existing/ Planned	
TxDOT Austin District Maintenance Office	incident information	Planned	
	maint and constr resource request	Planned	

Source Element	Destination Element	Flow	Status
City of Austin/Travis County 911 Dispatch Center (CTECC) (continued)	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Existing
		incident report	Planned
		incident response status	Existing
		remote surveillance control	Existing
		resource request	Existing
		threat information coordination	Planned
	UT Events Office	event plan approval_ud	Planned
	UT Police Dispatch	incident report	Planned
		incident response coordination	Planned
	Williamson County Emergency Communications Center	incident report	Planned
		incident response coordination	Planned
	Williamson County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	transportation system status	Planned	

Figure D67 – City of Austin/Travis County Radio Systems Interfaces

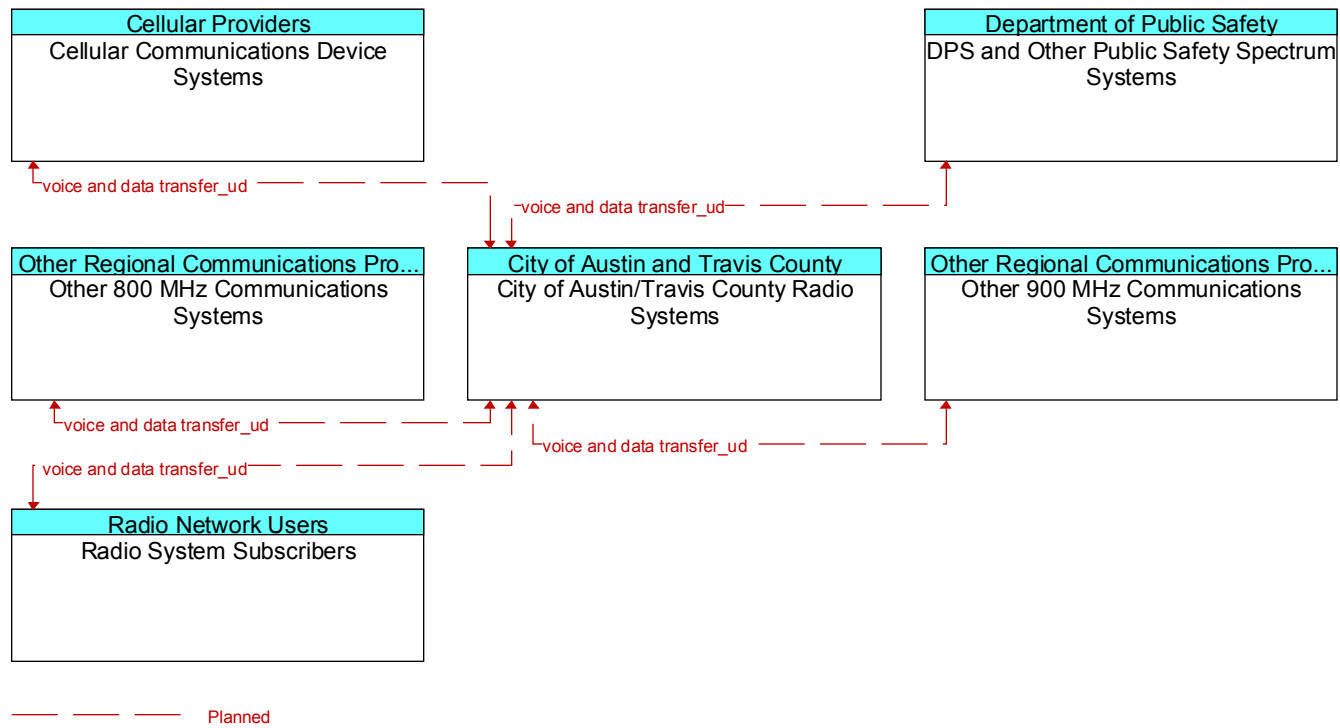


Figure D68 – City of Cedar Park CCTV Interfaces

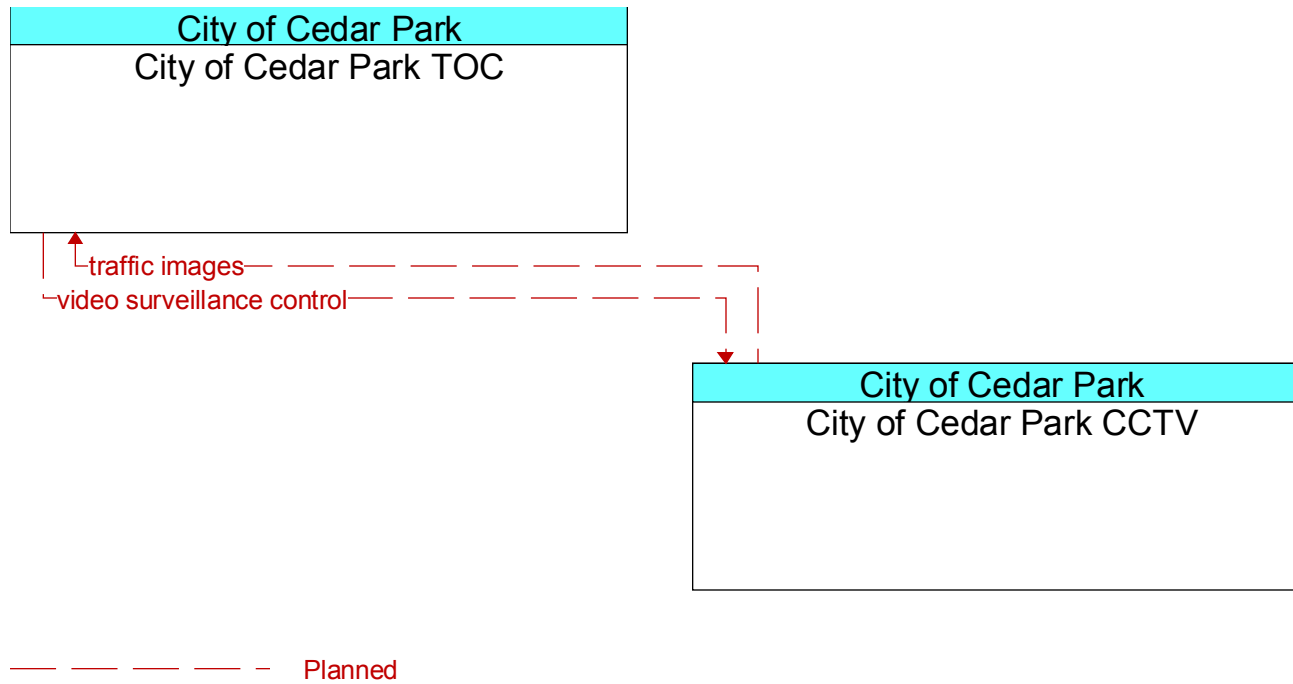


Figure D69 – City of Cedar Park DMS Interfaces

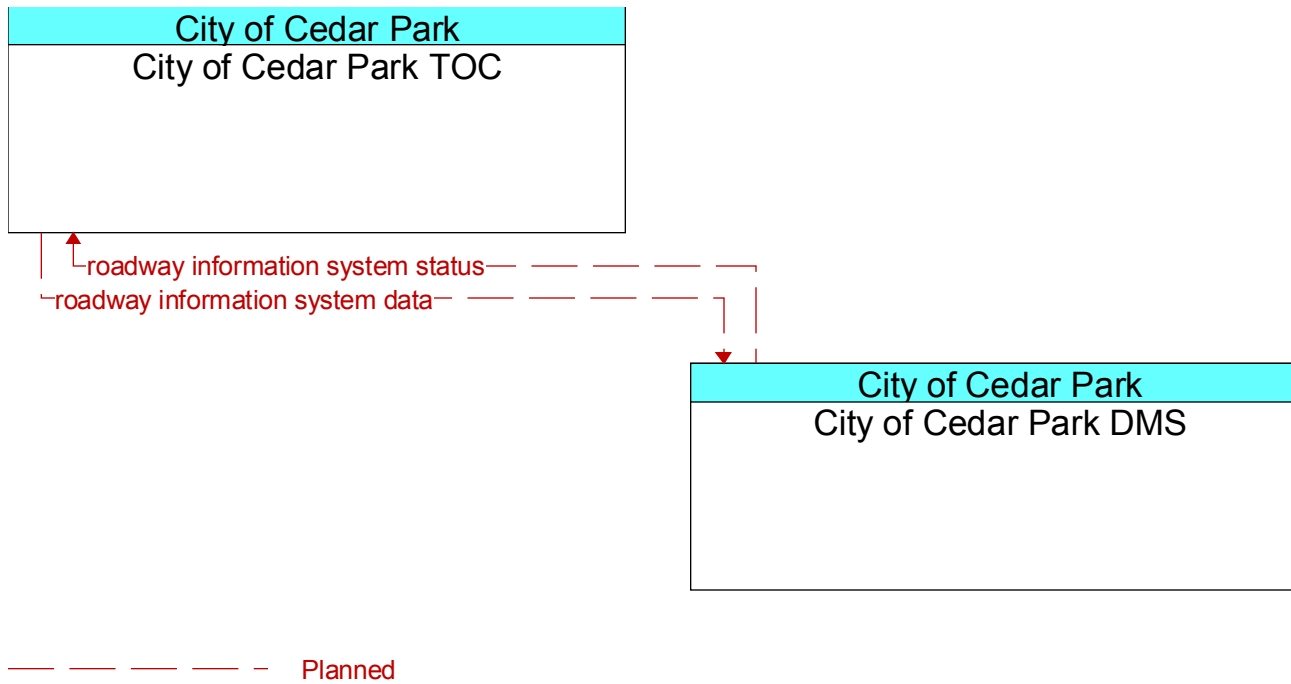


Figure D70 – City of Cedar Park ITS Field Equipment Interfaces

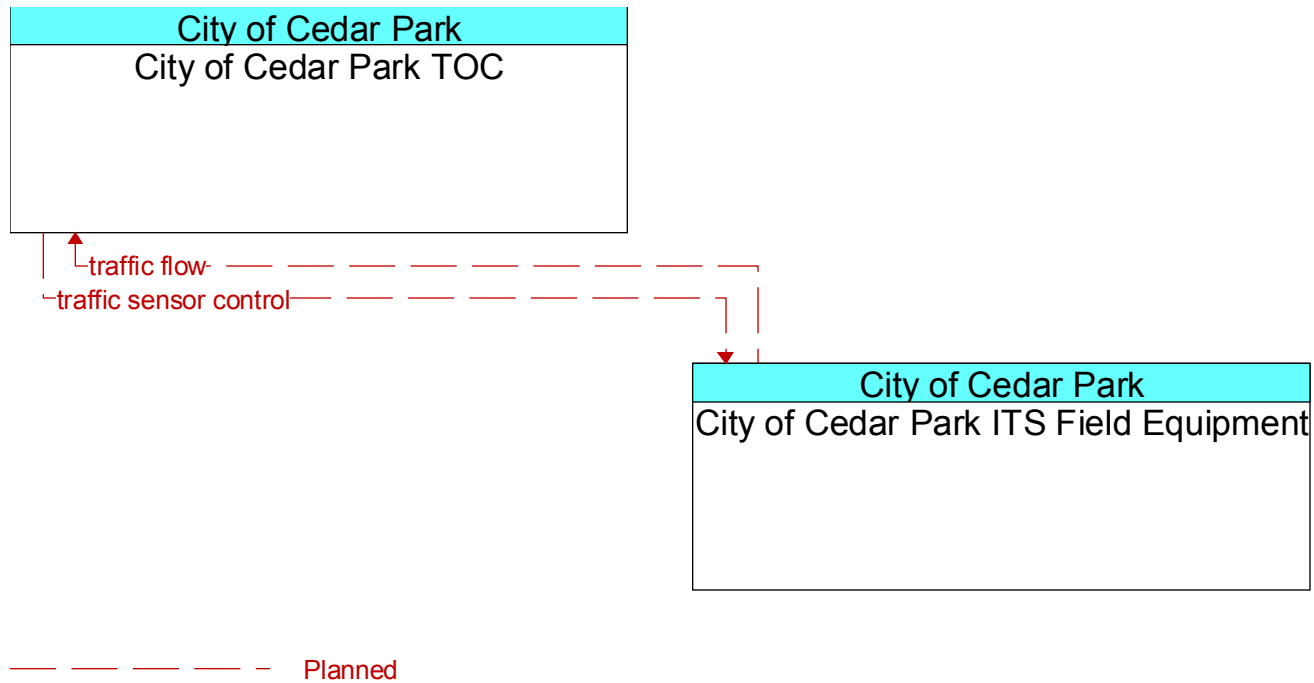


Figure D71 – City of Cedar Park Public Information Office Interfaces

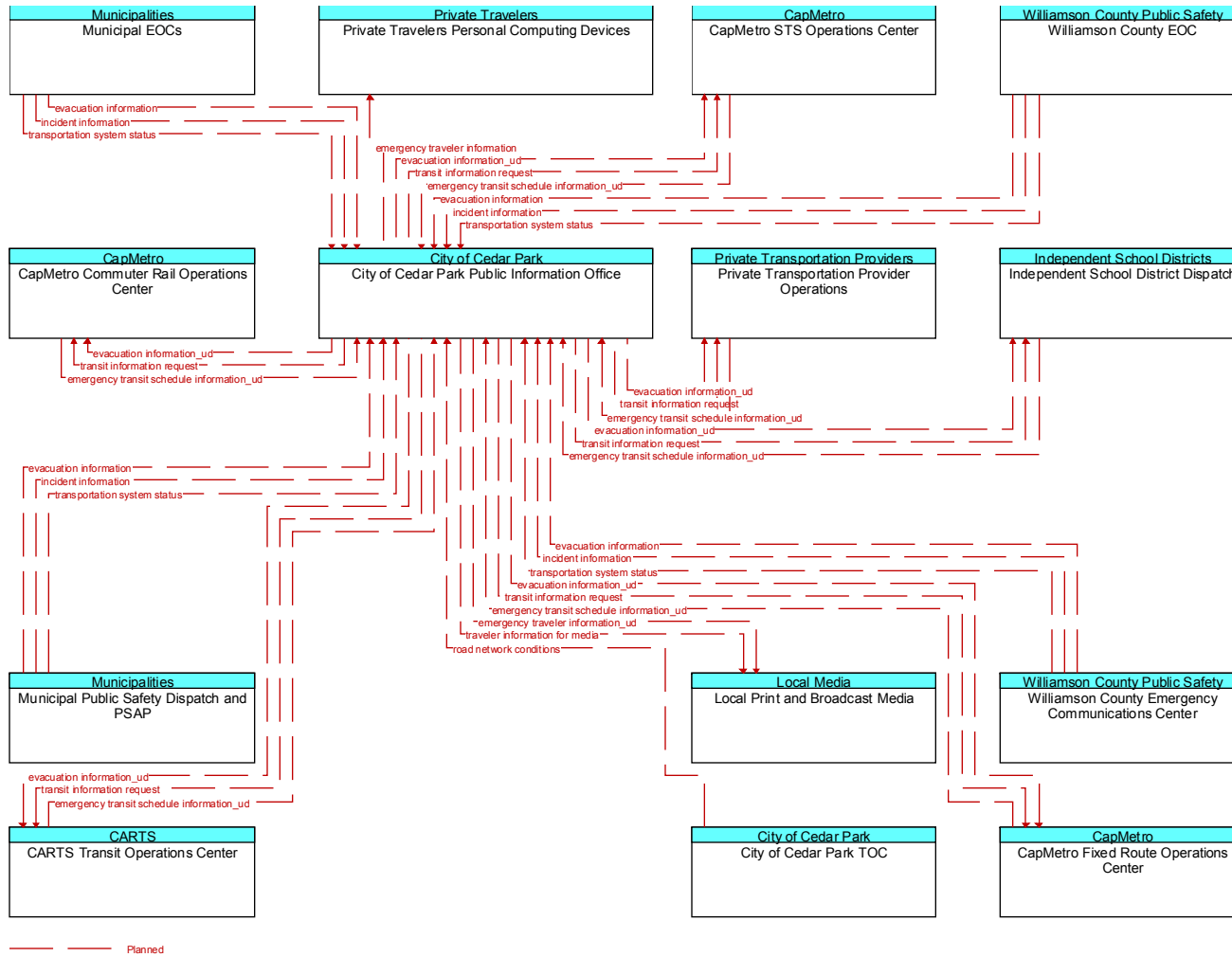
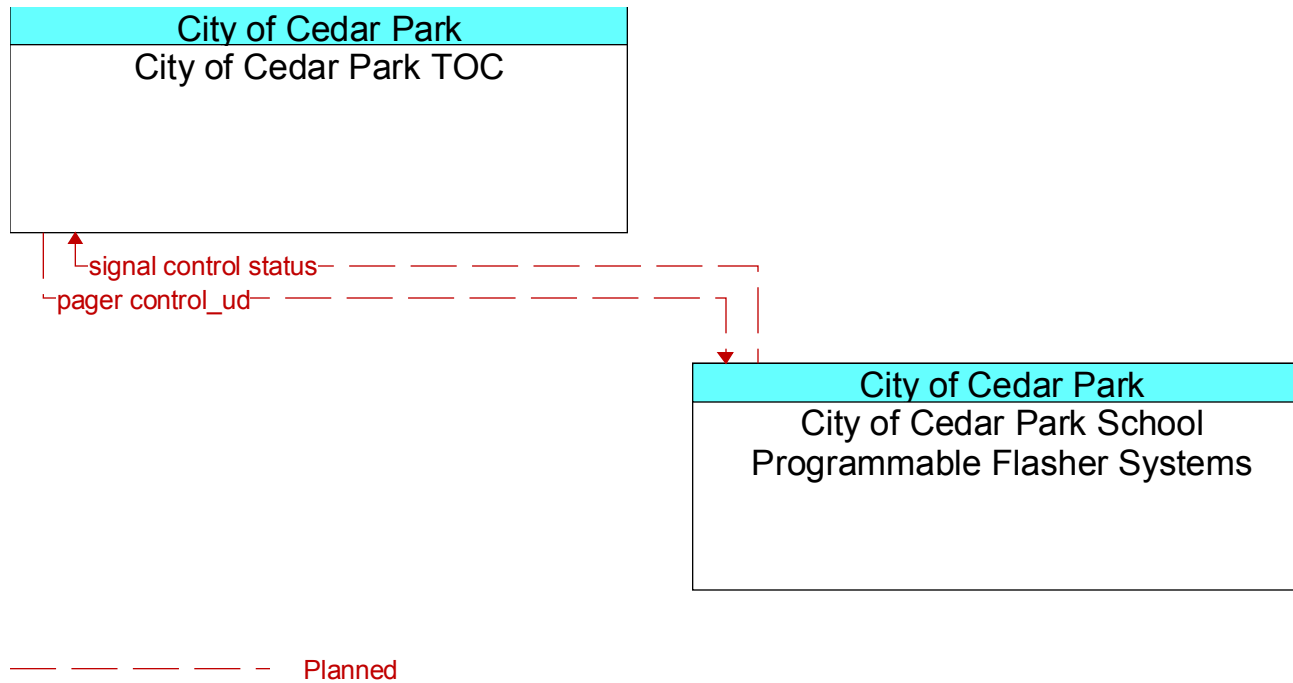




Figure D72 – City of Cedar Park School Programmable Flasher Systems Interfaces





Source Element	Destination Element	Flow	Status
City of Cedar Park TOC	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
		road network conditions	Planned
	CapMetro Fixed Route Operations Center	road network conditions	Planned
	CapMetro STS Operations Center	road network conditions	Planned
	CARTS Transit Operations Center	road network conditions	Planned
	City of Austin TMC	traffic information coordination	Planned
	City of Cedar Park CCTV	video surveillance control	Planned
	City of Cedar Park DMS	roadway information system data	Planned
	City of Cedar Park ITS Field Equipment	traffic sensor control	Planned
	City of Cedar Park Public Information Office	road network conditions	Planned
	City of Cedar Park School Programmable Flasher Systems	pager control_ud	Planned
	City of Cedar Park Traffic Signals	hri control data	Planned
		hri request	Planned
		signal control data	Planned
		traffic sensor control	Planned
	City of Round Rock TMC	traffic information coordination	Planned
	DPS Communications	incident information	Planned
resource deployment status		Planned	
road network conditions		Planned	
traffic images		Planned	
Independent School District Dispatch	road network conditions	Planned	
LCRA Flood Monitoring Center	incident information	Planned	

Source Element	Destination Element	Flow	Status
City of Cedar Park TOC (continued)	Municipal EOCs	emergency plan coordination	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Municipal Public Safety Dispatch and PSAP	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Municipal PWD	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	Municipal Traffic Operations Center	traffic information coordination	Planned
	Municipal Website	road network conditions	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Private Transportation Provider Operations	road network conditions	Planned
	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
road network conditions		Planned	
Rail Operations Centers	hri advisories	Planned	
	railroad advisories	Planned	
	railroad schedules	Planned	
Regional Utility Companies	work plan feedback	Planned	
TxDOT 511 System	road network conditions	Planned	

Source Element	Destination Element	Flow	Status
City of Cedar Park TOC (continued)	TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud	Planned
		traffic images_ud	Planned
		traffic information coordination	Planned
	USGS Flood Monitoring Center	incident information	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Williamson County Maintenance and Construction Operations	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
work plan feedback		Planned	

Figure D74 – City of Cedar Park Traffic Signals Interfaces

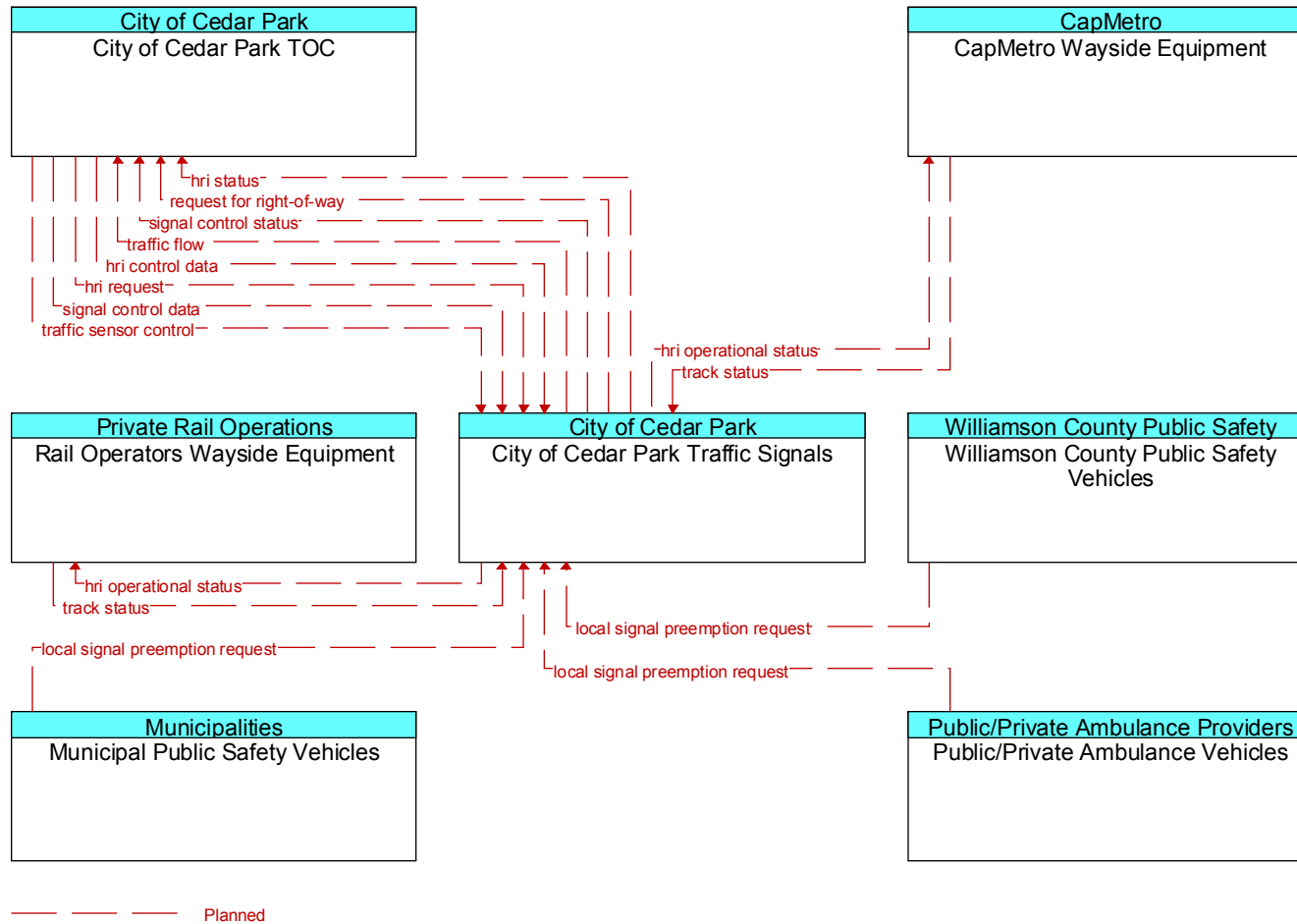


Figure D75 – City of Georgetown CCTV Interfaces

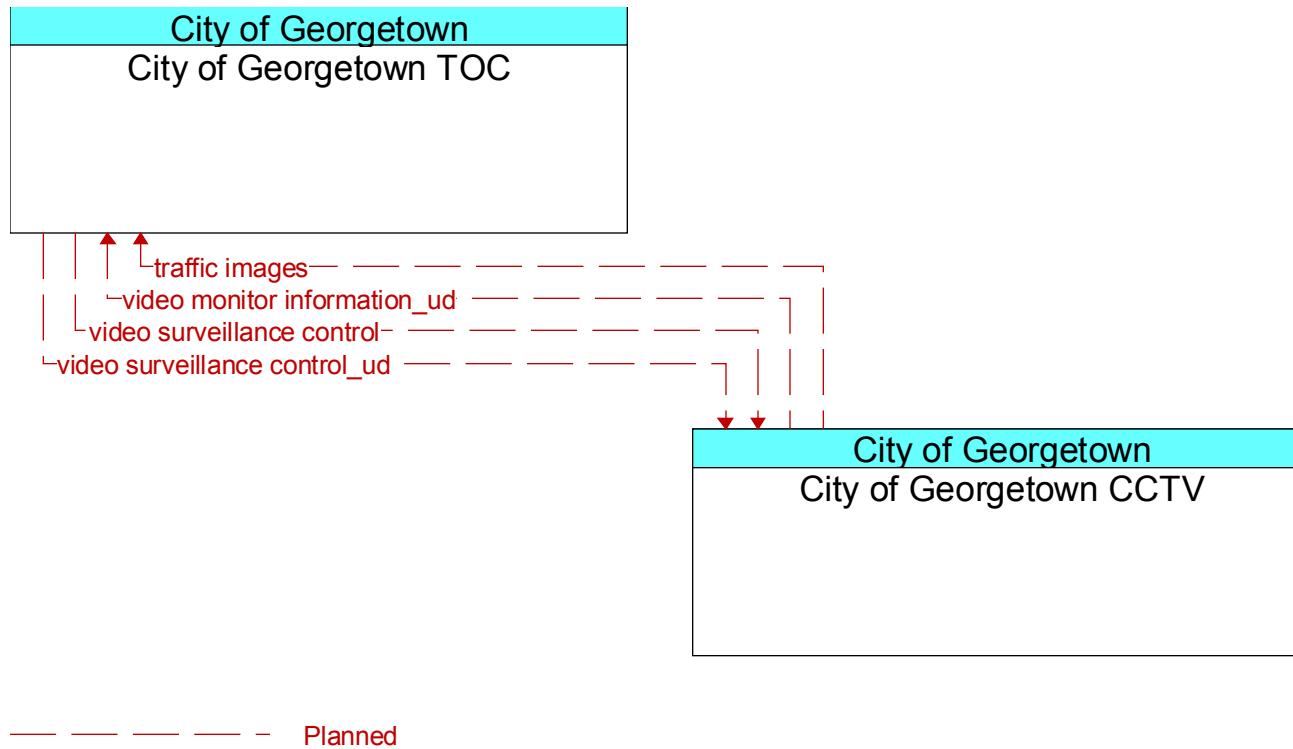


Figure D76 – City of Georgetown DMS Interfaces

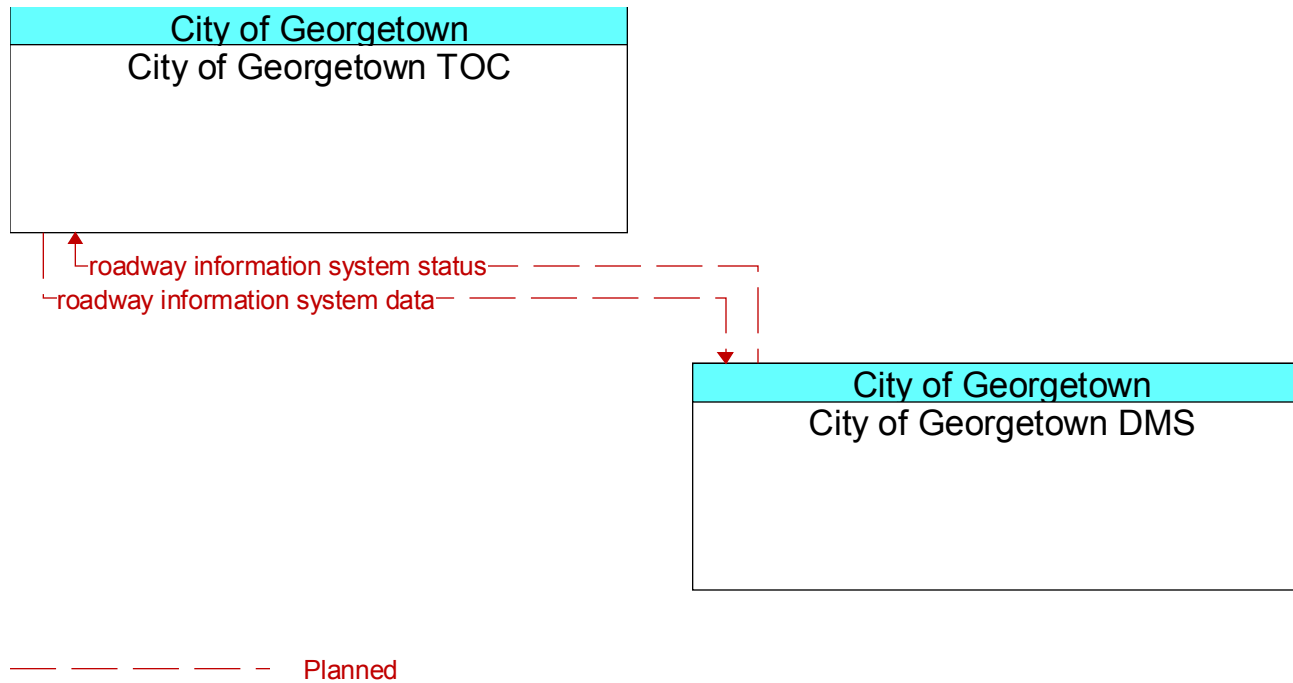




Figure D77 – City of Georgetown Flood Closure Gates Interfaces

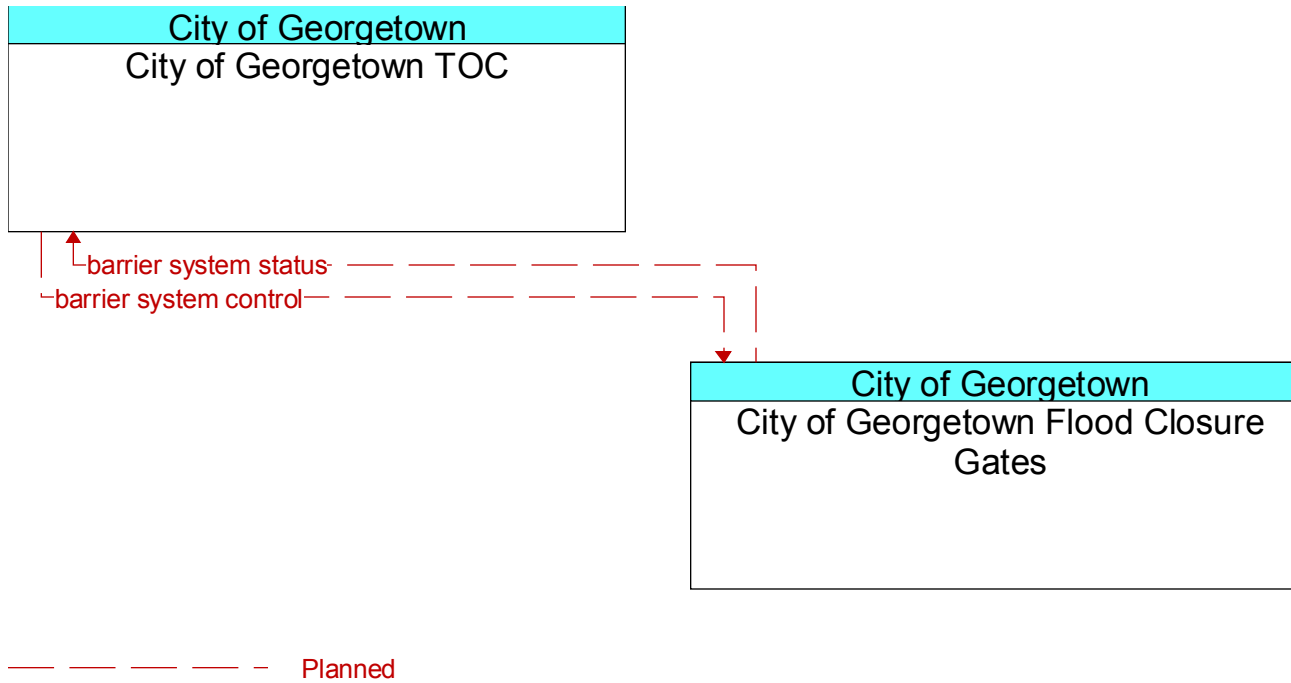


Figure D78 – City of Georgetown Flood Detectors Interfaces

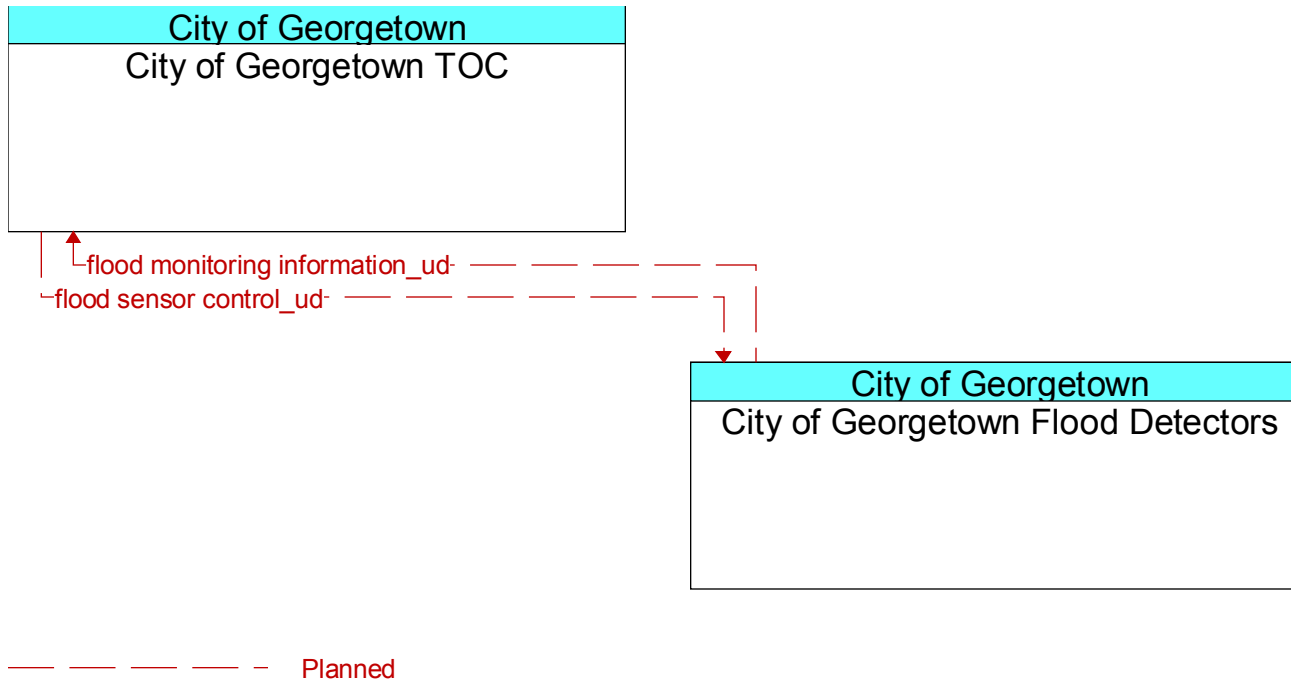


Figure D79 – City of Georgetown ITS Field Equipment Interfaces

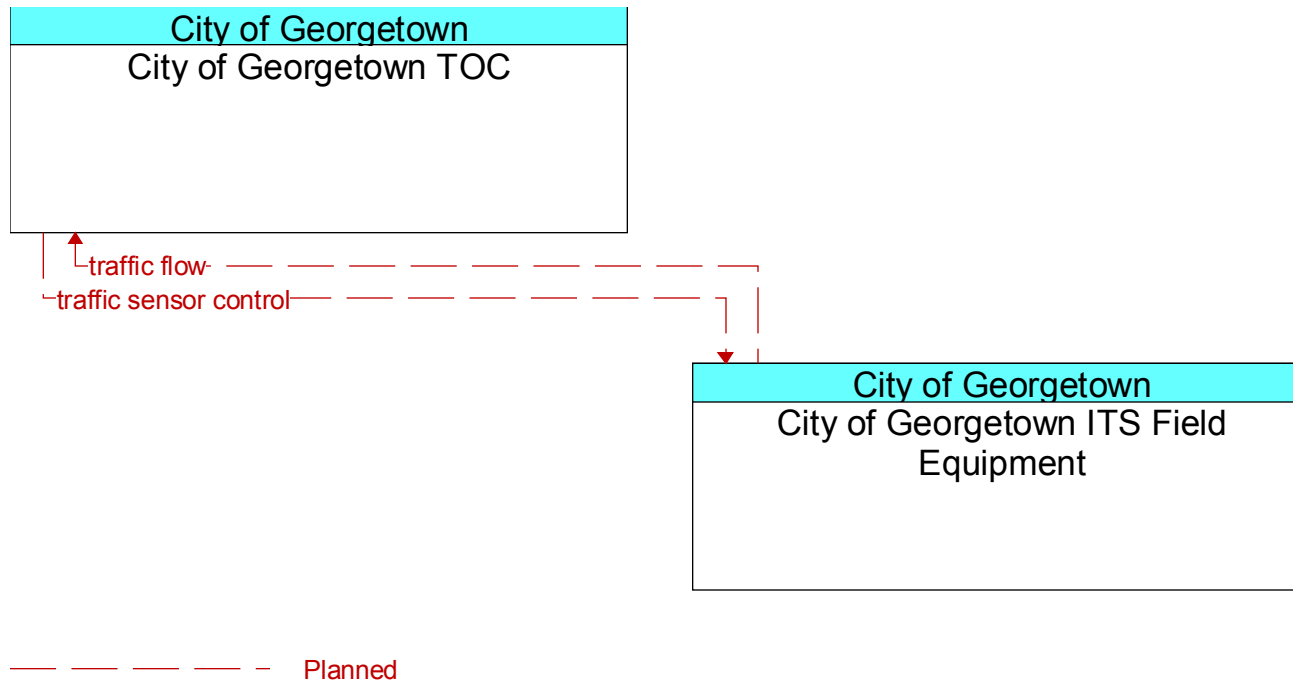


Figure D80 – City of Georgetown Public Information Office Interfaces

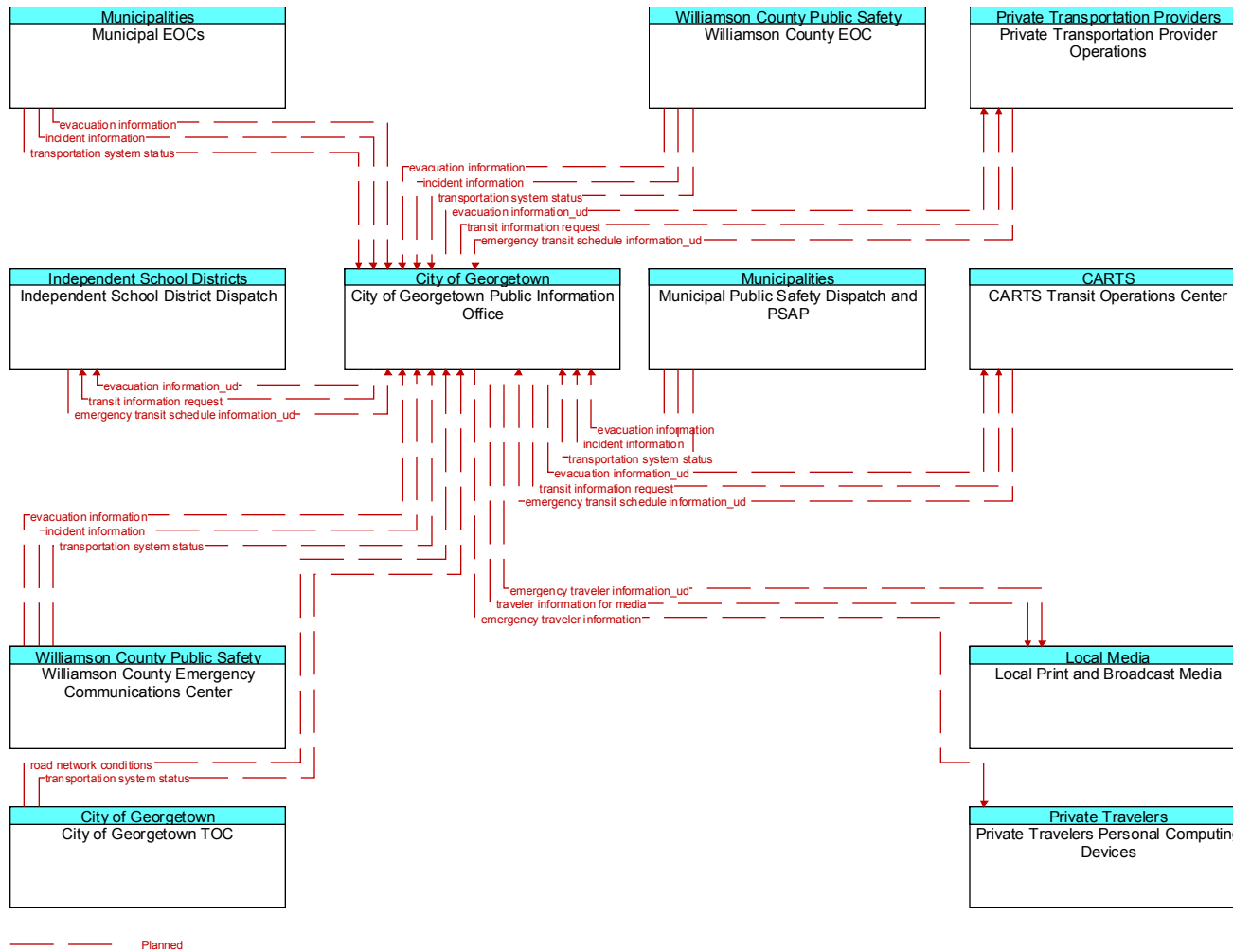


Figure D81 – City of Georgetown School Programmable Flasher Systems Interfaces

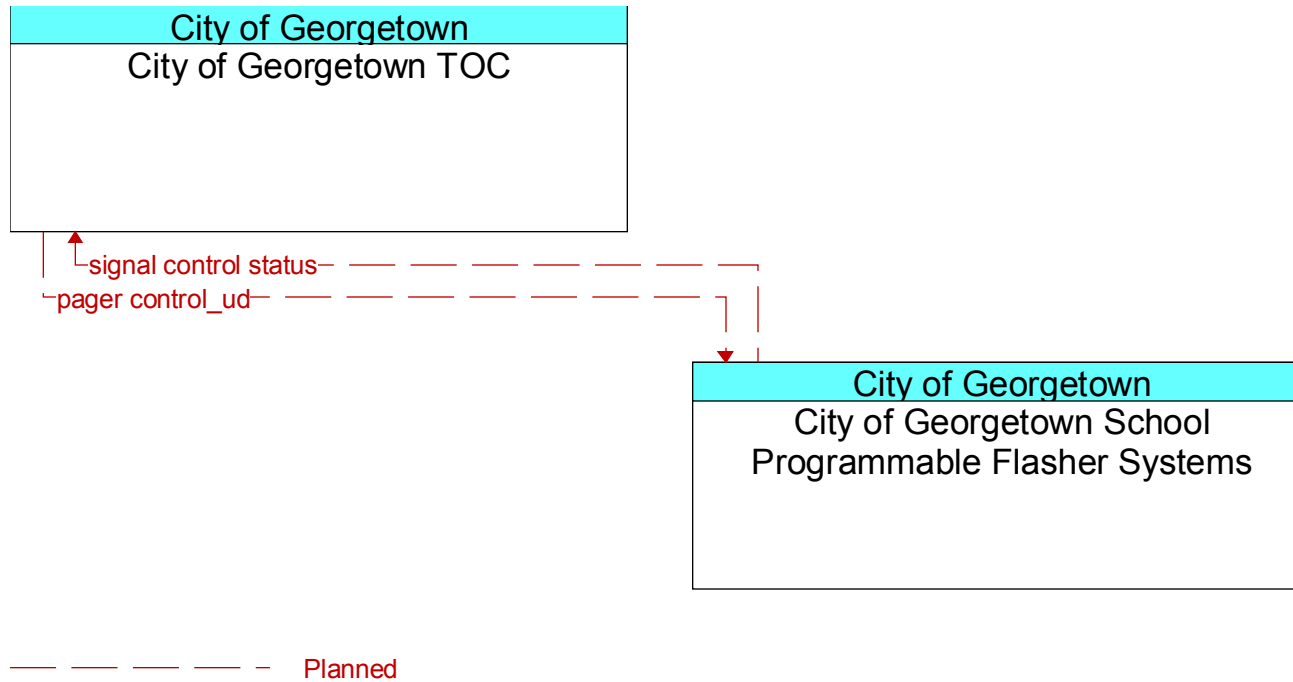
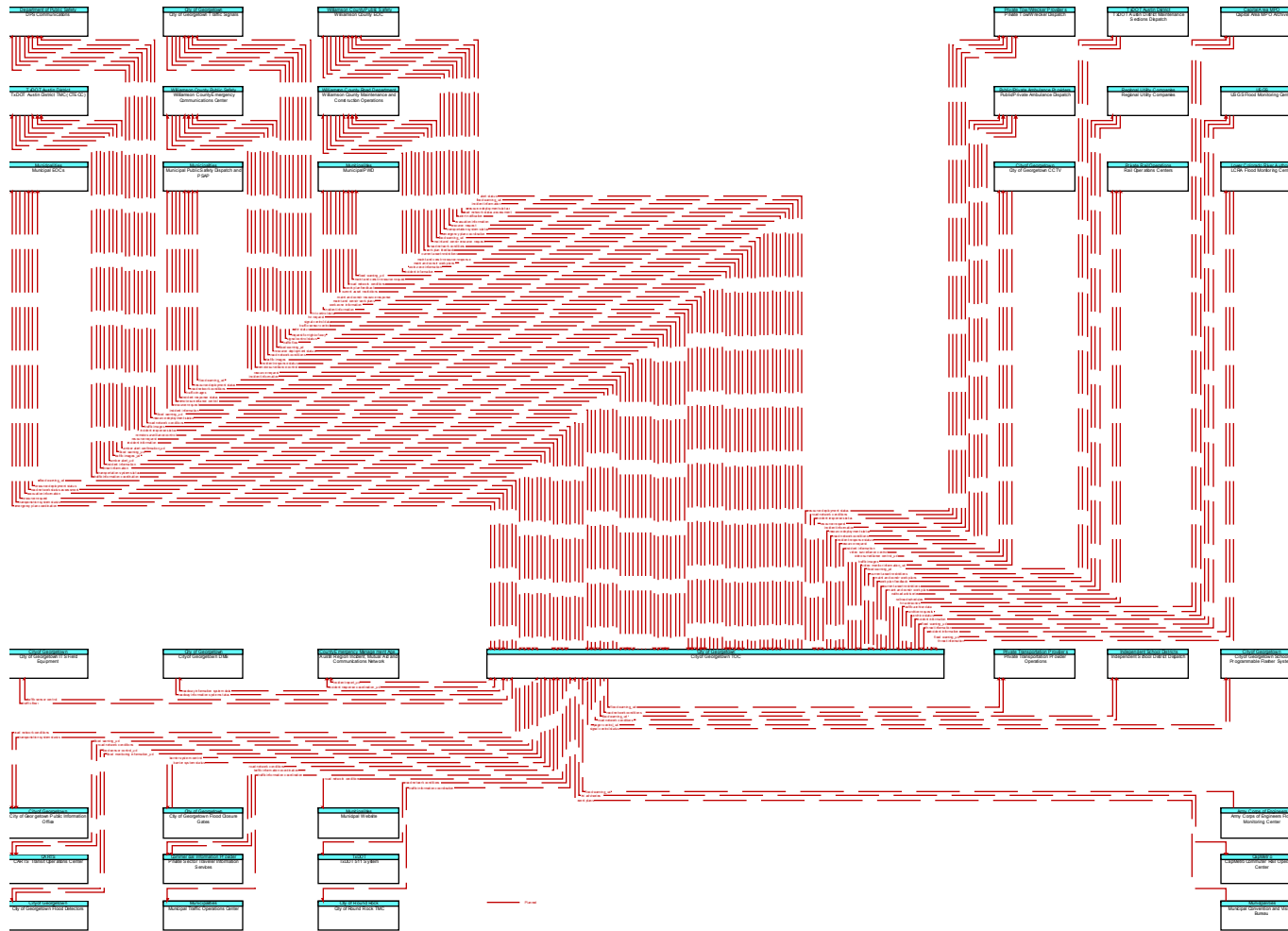


Figure D82 – City of Georgetown TOC Interfaces



Source Element	Destination Element	Flow	Status
City of Georgetown TOC	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
	CARTS Transit Operations Center	flood warning_ud	Planned
		road network conditions	Planned
	City of Georgetown CCTV	video surveillance control	Planned
		video surveillance control_ud	Planned
	City of Georgetown DMS	roadway information system data	Planned
	City of Georgetown Flood Closure Gates	barrier system control	Planned
	City of Georgetown Flood Detectors	flood sensor control_ud	Planned
	City of Georgetown ITS Field Equipment	traffic sensor control	Planned
	City of Georgetown Public Information Office	road network conditions	Planned
		transportation system status	Planned
	City of Georgetown School Programmable Flasher Systems	pager control_ud	Planned
	City of Georgetown Traffic Signals	hri control data	Planned
		hri request	Planned
		signal control data	Planned
		traffic sensor control	Planned
	City of Round Rock TMC	traffic information coordination	Planned
	DPS Communications	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
road network conditions		Planned	
traffic images		Planned	

Source Element	Destination Element	Flow	Status
City of Georgetown TOC (continued)	Independent School District Dispatch	flood warning_ud	Planned
		road network conditions	Planned
	LCRA Flood Monitoring Center	incident information	Planned
	Municipal EOCs	emergency plan coordination	Planned
		flood warning_ud	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Municipal Public Safety Dispatch and PSAP	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Municipal PWD	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	Municipal Traffic Operations Center	traffic information coordination	Planned
	Municipal Website	road network conditions	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
traffic information coordination		Planned	
Private Tow/Wrecker Dispatch	incident information	Planned	
	resource deployment status	Planned	
	road network conditions	Planned	
Private Transportation Provider Operations	flood warning_ud	Planned	
	road network conditions	Planned	



Source Element	Destination Element	Flow	Status
City of Georgetown TOC (continued)	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Rail Operations Centers	hri advisories	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	Regional Utility Companies	work plan feedback	Planned
	TxDOT 511 System	road network conditions	Planned
	TxDOT Austin District Maintenance Sections Dispatch	flood warning_ud	Planned
	TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud	Planned
		flood warning_ud	Planned
		traffic images_ud	Planned
		traffic information coordination	Planned
	USGS Flood Monitoring Center	incident information	Planned
	Williamson County Emergency Communications Center	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
road network status assessment		Planned	

Source Element	Destination Element	Flow	Status
City of Georgetown TOC (continued)	Williamson County Maintenance and Construction Operations	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned

Figure D83 – City of Georgetown Traffic Signals Interfaces

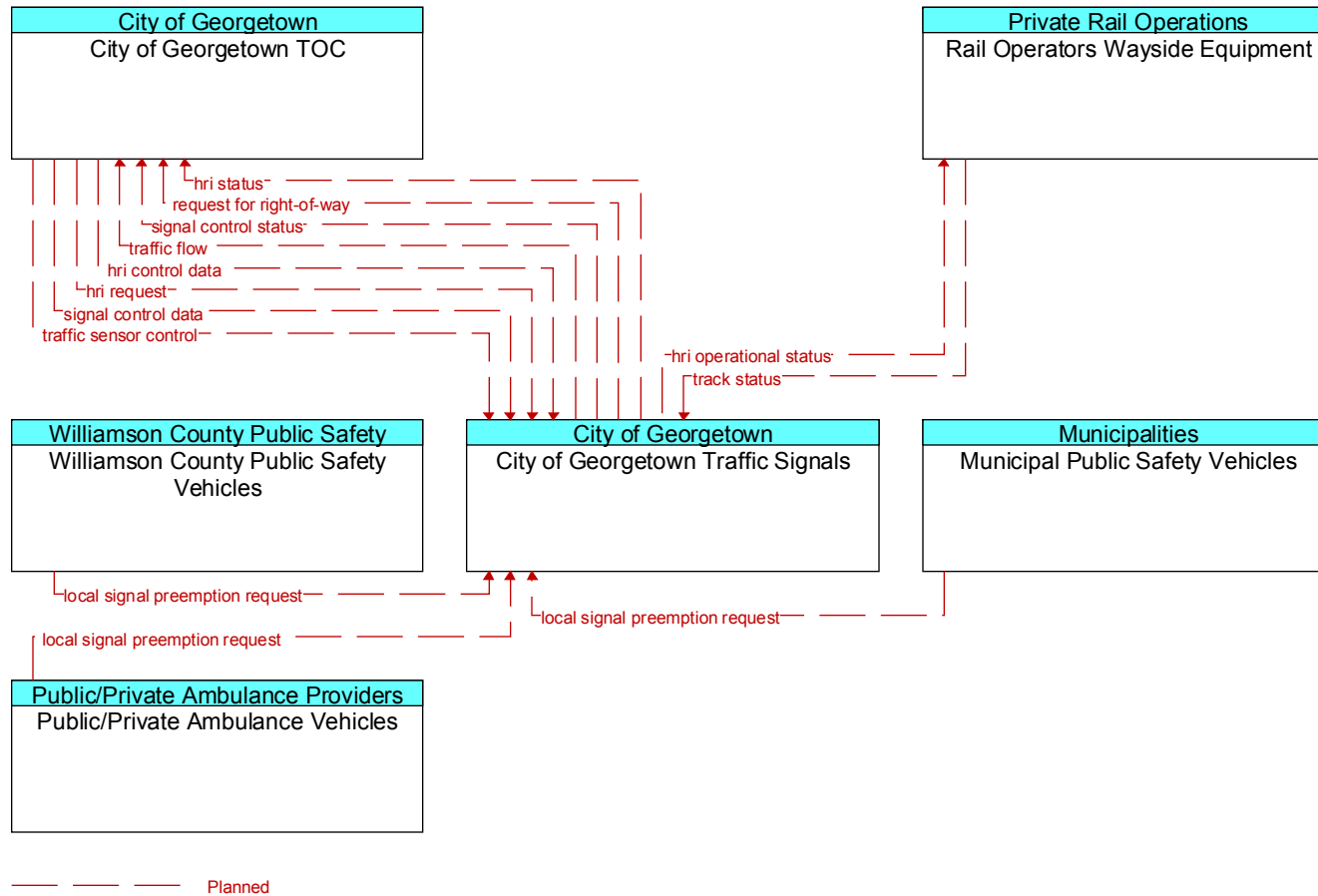


Figure D84 – City of Round Rock CCTV Interfaces

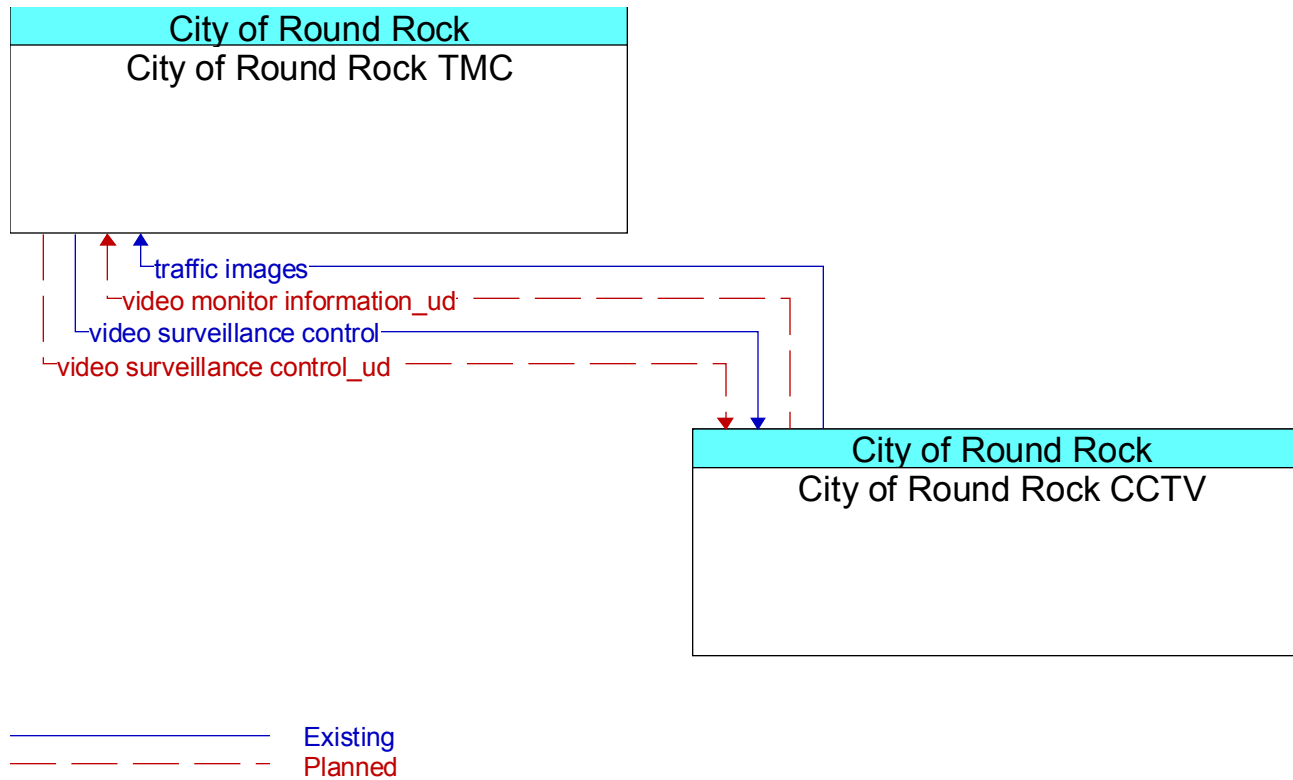
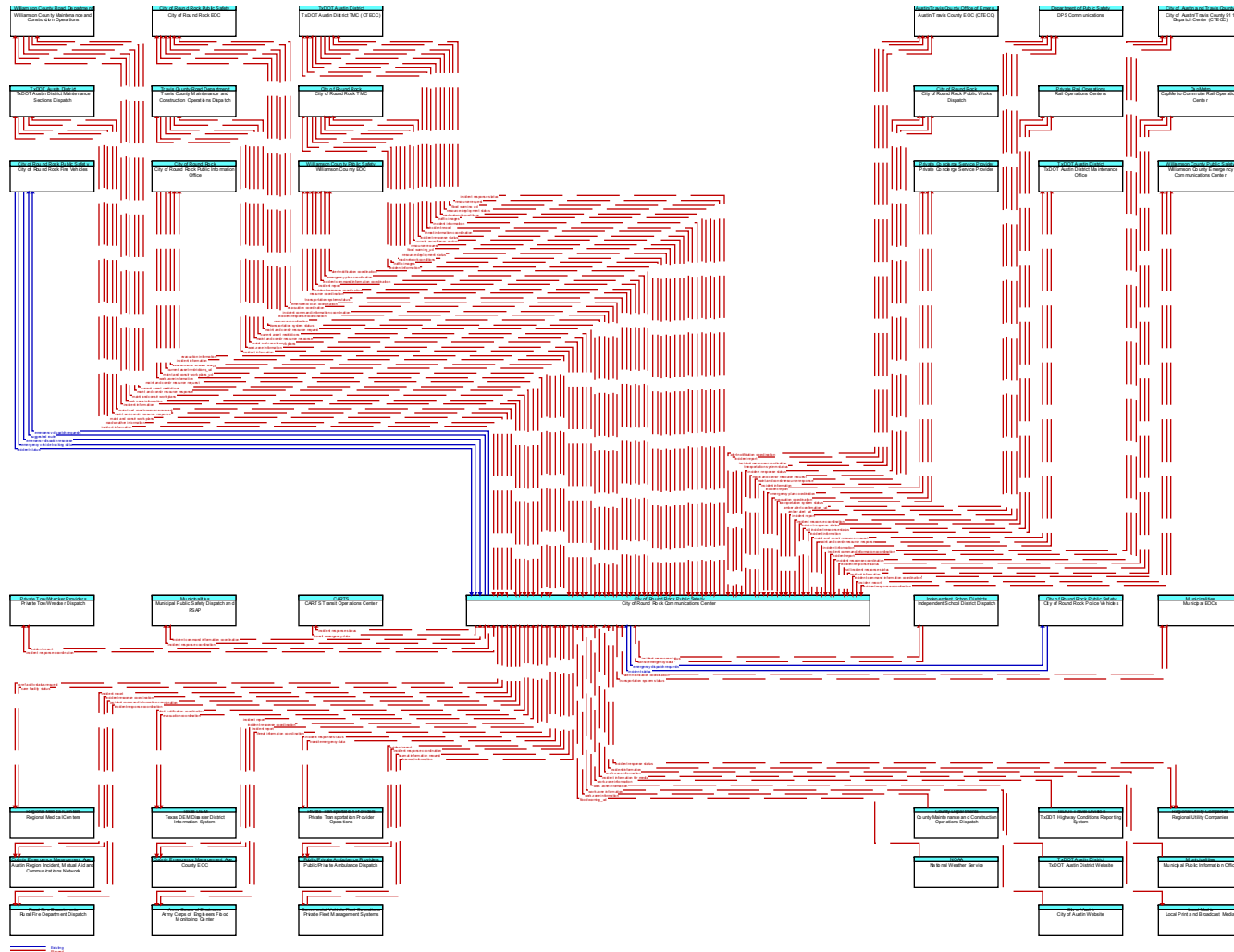


Figure D85 – City of Round Rock Communications Center Interfaces



Source Element	Destination Element	Flow	Status
City of Round Rock Communications Center	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	incident information	Planned
		incident response status	Planned
	CARTS Transit Operations Center	incident response status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
City of Round Rock Fire Vehicles	emergency dispatch requests	Existing	
	suggested route	Existing	
City of Round Rock Police Vehicles	emergency dispatch requests	Existing	
City of Round Rock Public Information Office	evacuation information	Planned	
	incident information	Planned	
	transportation system status	Planned	

Source Element	Destination Element	Flow	Status	
City of Round Rock Communications Center (continued)	City of Round Rock Public Works Dispatch	incident information	Planned	
		incident response status	Planned	
		maint and constr resource request	Planned	
	City of Round Rock TMC	City of Round Rock TMC	incident information	Planned
			incident response status	Planned
			remote surveillance control	Planned
			resource request	Planned
	County EOC	County EOC	incident report	Planned
			incident response coordination	Planned
	DPS Communications	DPS Communications	amber alert confirmation_ud	Planned
			amber alert_ud	Planned
			incident report	Planned
			incident response coordination	Planned
	Independent School District Dispatch	Independent School District Dispatch	incident response status	Planned
	Local Print and Broadcast Media	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	Municipal EOCs	alert notification coordination	Planned
			transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP	Municipal Public Safety Dispatch and PSAP	incident command information coordination	Planned
			incident response coordination	Planned
	Private Concierge Service Provider	Private Concierge Service Provider	emergency plan coordination	Planned
			evacuation coordination	Planned
			transportation system status	Planned
	Private Fleet Management Systems	Private Fleet Management Systems	hazmat information request	Planned
Private Tow/Wrecker Dispatch	Private Tow/Wrecker Dispatch	incident report	Planned	
		incident response coordination	Planned	
Private Transportation Provider Operations	Private Transportation Provider Operations	incident response status	Planned	
Public/Private Ambulance Dispatch	Public/Private Ambulance Dispatch	incident report	Planned	
		incident response coordination	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock Communications Center (continued)	Rail Operations Centers	incident information	Planned
		incident response status	Planned
	Regional Medical Centers	care facility status request	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident command information coordination	Planned
		incident response coordination	Planned
	Texas DEM Disaster District Information System	alert notification coordination	Planned
		evacuation coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Office	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Planned
		incident report	Planned
		incident response status	Planned
		resource request	Planned
		threat information coordination	Planned
Williamson County Emergency Communications Center	incident command information coordination	Planned	
	incident report	Planned	
	incident response coordination	Planned	
Williamson County EOC	alert notification coordination	Planned	
	emergency plan coordination	Planned	
	incident command information coordination	Planned	
	incident report	Planned	
	incident response coordination	Planned	



Source Element	Destination Element	Flow	Status
City of Round Rock Communications Center (continued)	Williamson County EOC (continued)	resource coordination	Planned
		transportation system status	Planned
	Williamson County Maintenance and Construction Operations	incident information	Planned
		maint and constr resource request	Planned

Figure D86 – City of Round Rock Convention and Visitors Bureau Interfaces

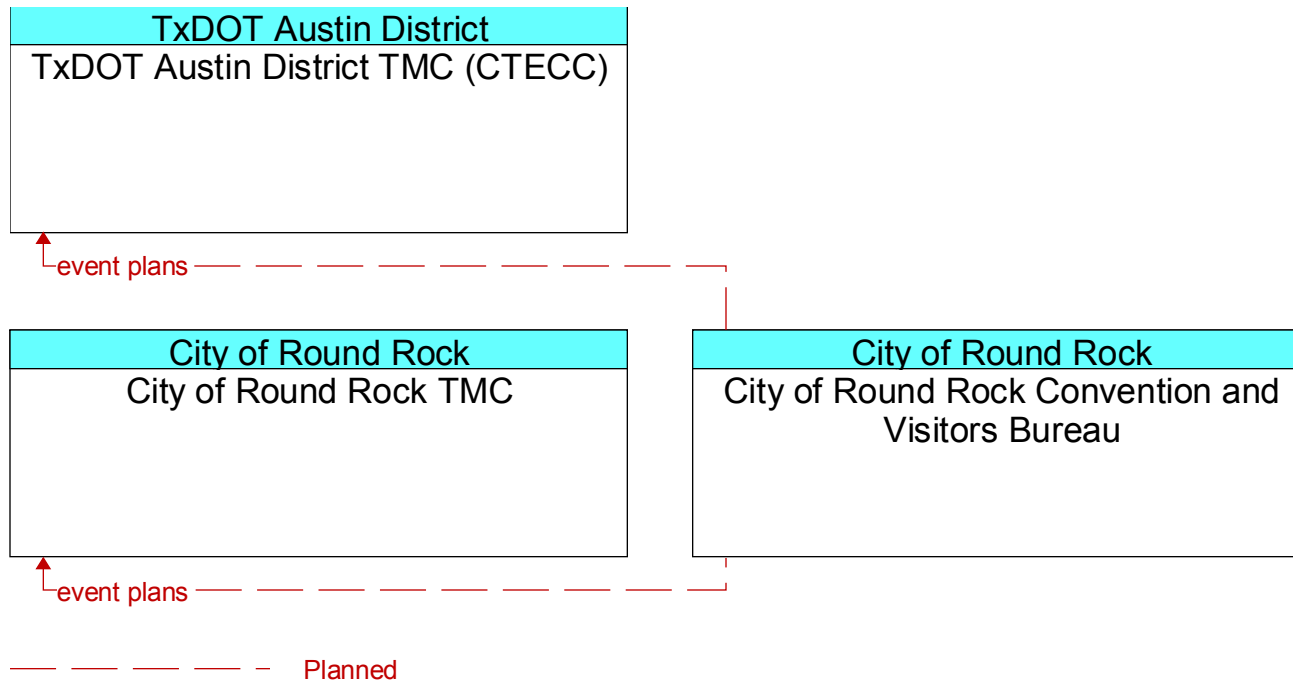


Figure D87 – City of Round Rock Crash Records Database Interfaces

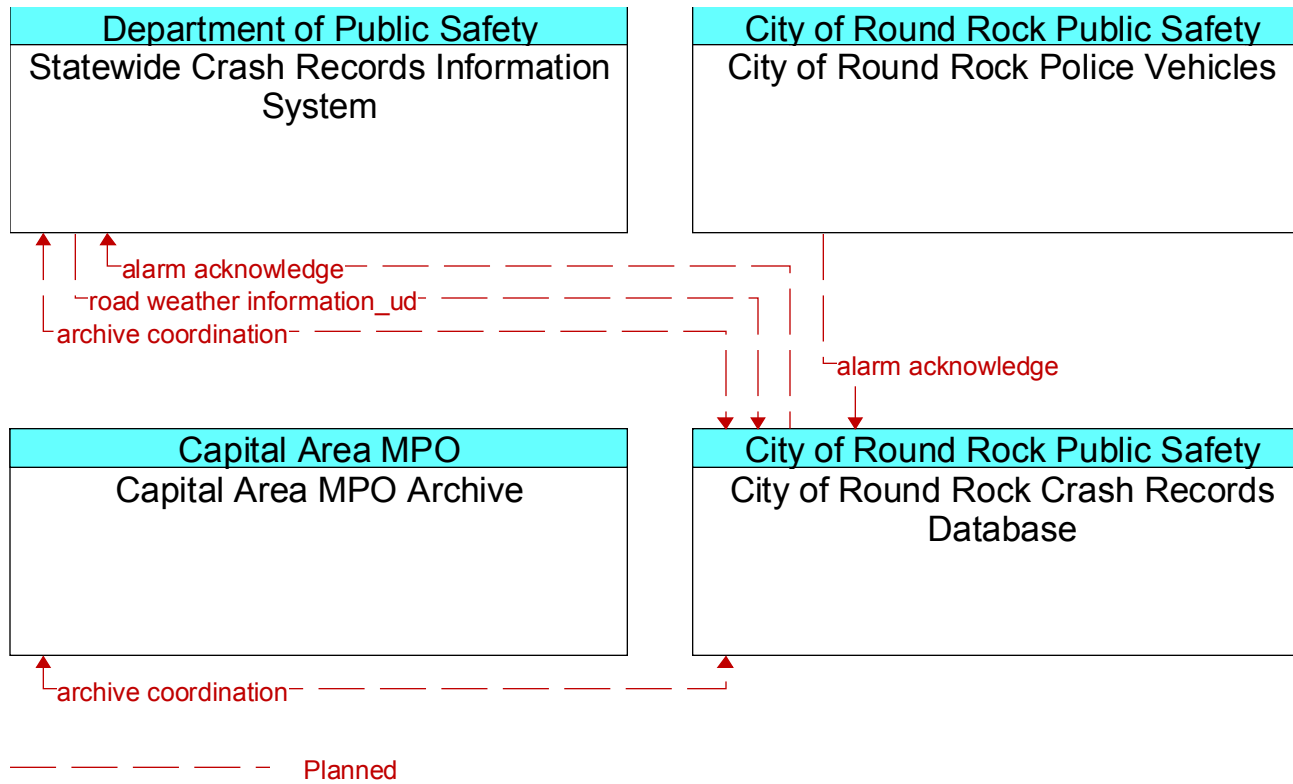


Figure D88 – City of Round Rock DMS Interfaces

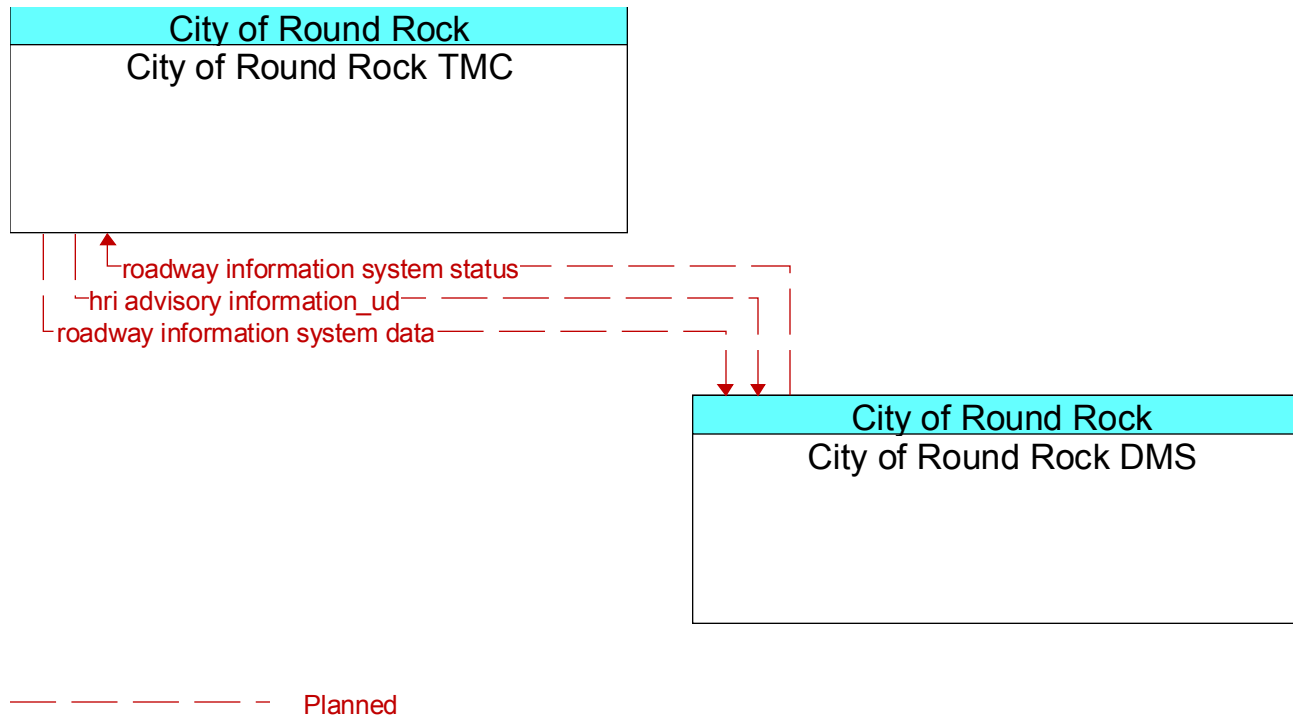
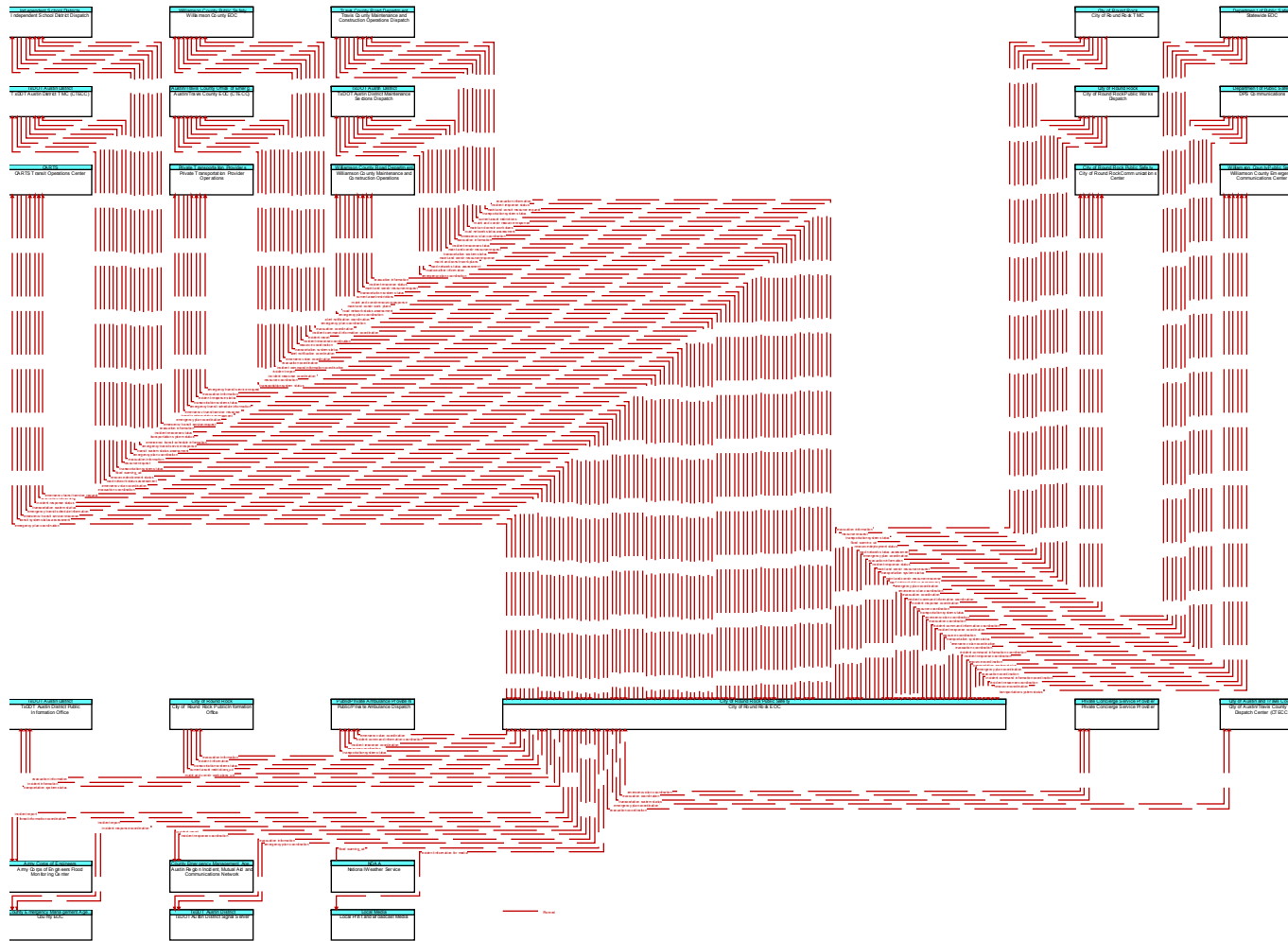


Figure D89 – City of Round Rock EOC Interfaces



Source Element	Destination Element	Flow	Status
City of Round Rock EOC	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CARTS Transit Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	emergency plan coordination	Planned
		evacuation coordination	Planned
	City of Round Rock Communications Center	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
resource coordination		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status	
City of Round Rock EOC (continued)	City of Round Rock Public Information Office	evacuation information	Planned	
		incident information	Planned	
		transportation system status	Planned	
	City of Round Rock Public Works Dispatch	City of Round Rock Public Works Dispatch	emergency plan coordination	Planned
			evacuation information	Planned
			incident response status	Planned
			maint and constr resource request	Planned
			transportation system status	Planned
	City of Round Rock TMC	City of Round Rock TMC	emergency plan coordination	Planned
			evacuation information	Planned
			resource request	Planned
			transportation system status	Planned
	County EOC	County EOC	incident report	Planned
			incident response coordination	Planned
	DPS Communications	DPS Communications	emergency plan coordination	Planned
			evacuation coordination	Planned
			incident command information coordination	Planned
			incident response coordination	Planned
			resource coordination	Planned
			transportation system status	Planned
	Independent School District Dispatch	Independent School District Dispatch	emergency plan coordination	Planned
			emergency transit service request	Planned
			evacuation information	Planned
incident response status			Planned	
transportation system status			Planned	
Local Print and Broadcast Media	Local Print and Broadcast Media	incident information for media	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock EOC (continued)	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Transportation Provider Operations	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	Public/Private Ambulance Dispatch	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Statewide EOC	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
maint and constr resource request		Planned	
transportation system status		Planned	
TxDOT Austin District Maintenance Sections Dispatch	emergency plan coordination	Planned	
	evacuation information	Planned	
	incident response status	Planned	



Source Element	Destination Element	Flow	Status
City of Round Rock EOC (continued)	TxDOT Austin District Maintenance Sections Dispatch (continued)	maint and constr resource request	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	TxDOT Austin District Signal Server	emergency plan coordination	Planned
		evacuation information	Planned
	TxDOT Austin District TMC (CTECC)	emergency plan coordination	Planned
		evacuation coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	Williamson County Emergency Communications Center	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
incident response coordination		Planned	
resource coordination		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock EOC (continued)	Williamson County Maintenance and Construction Operations	emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned

Figure D90 – City of Round Rock Equipment Repair Facility Interfaces

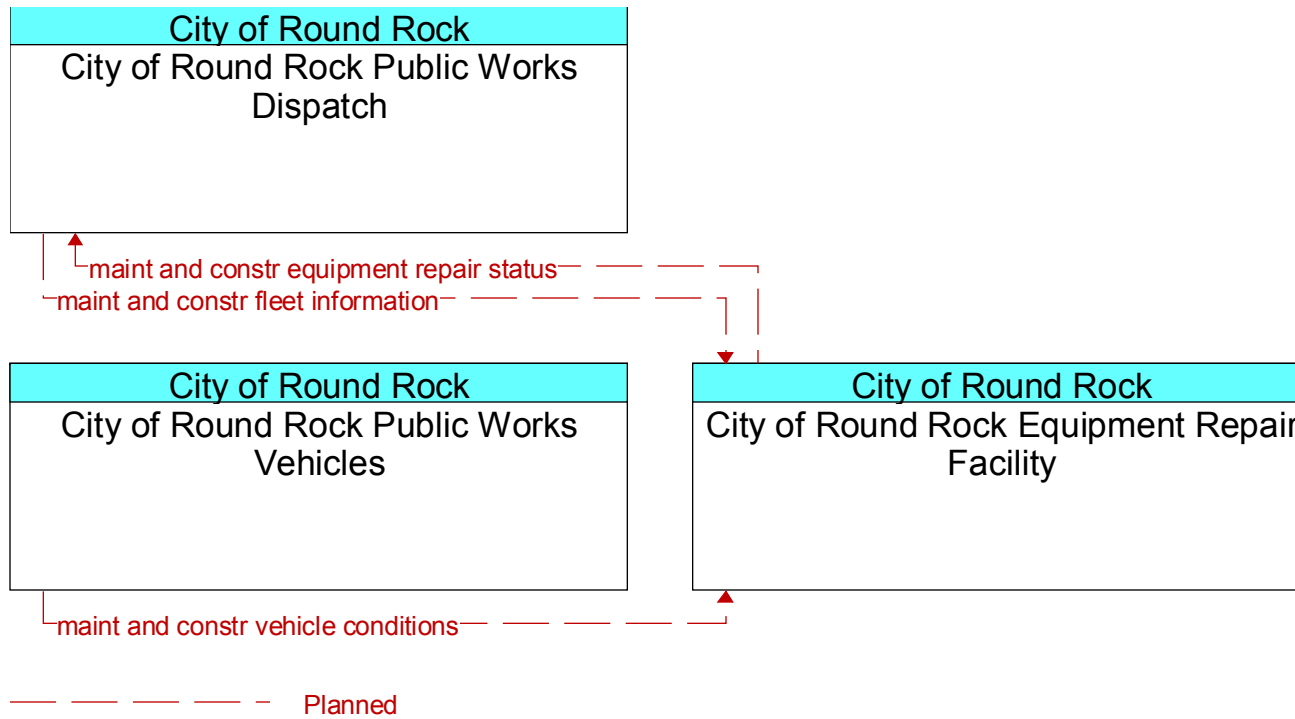


Figure D91 – City of Round Rock Fire Vehicles Interfaces

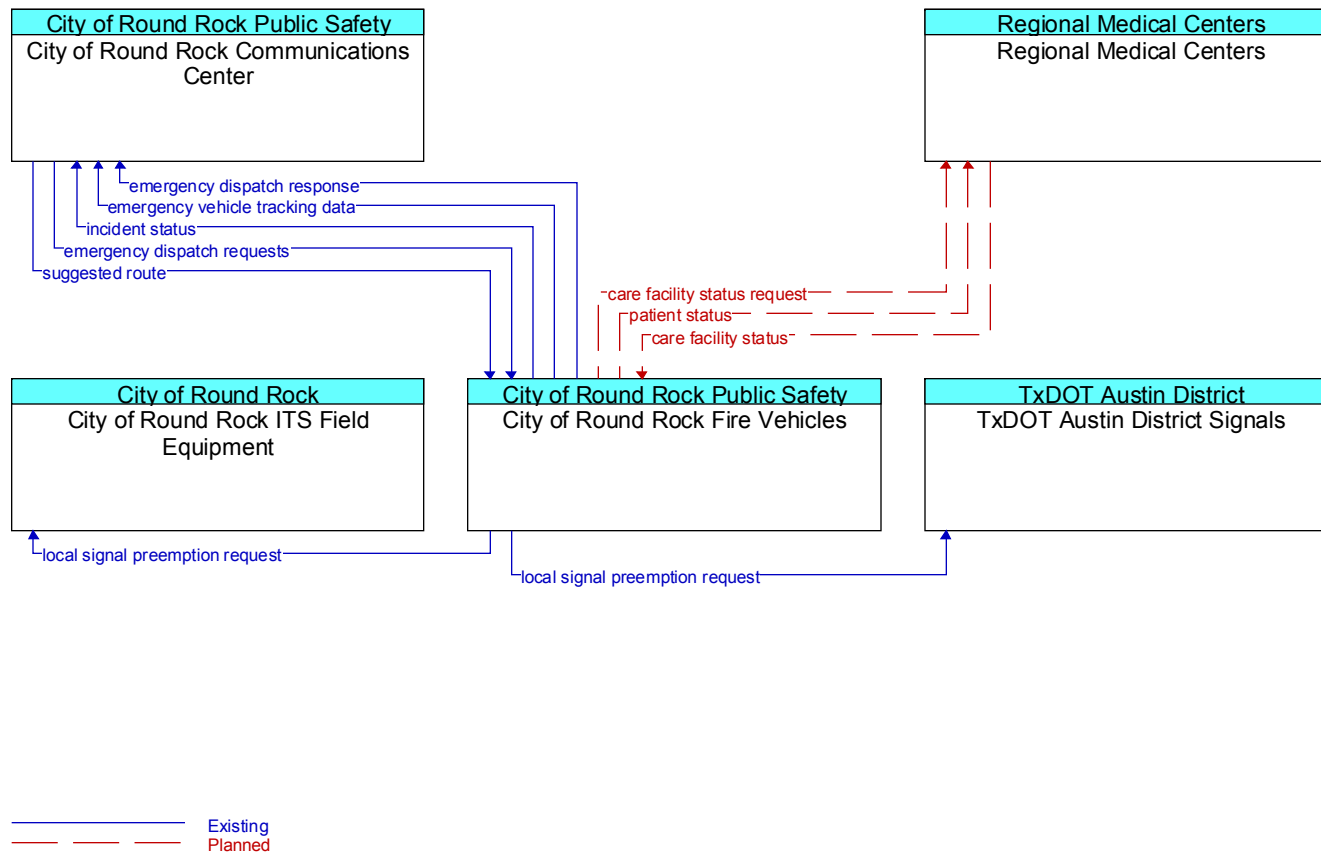


Figure D92 – City of Round Rock Flood Closure Gates Interfaces

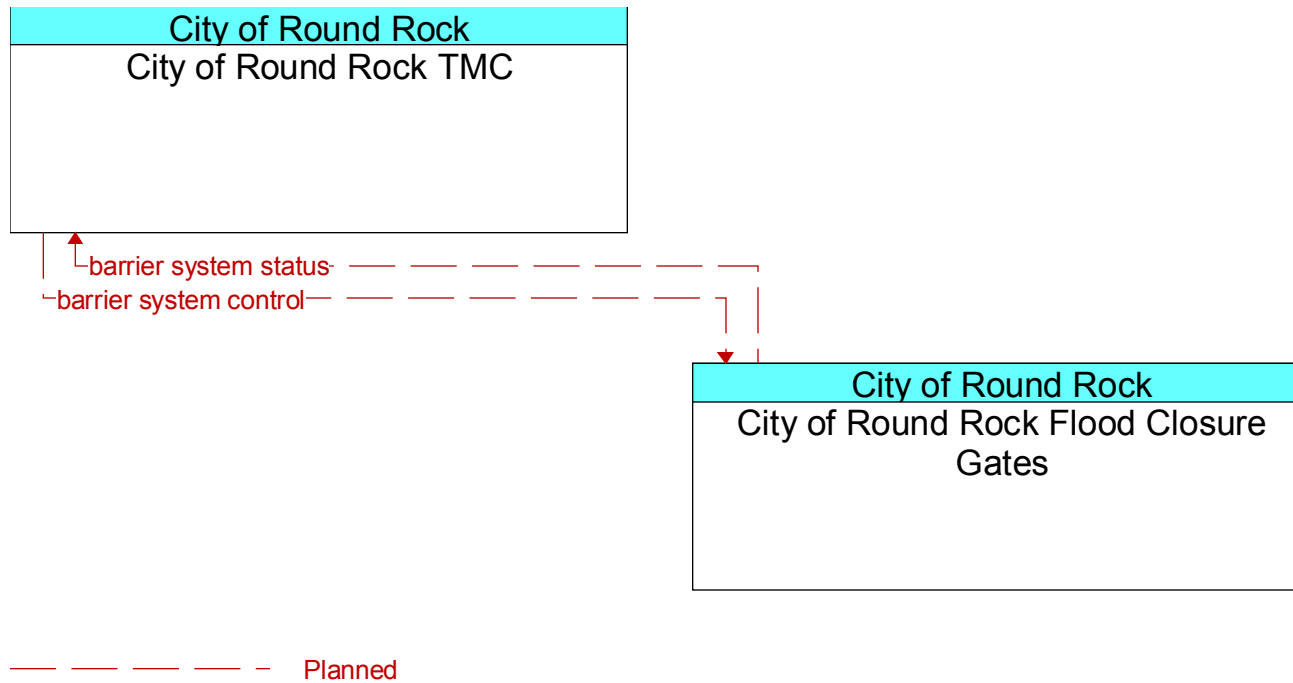


Figure D93 – City of Round Rock Flood Detectors Interfaces

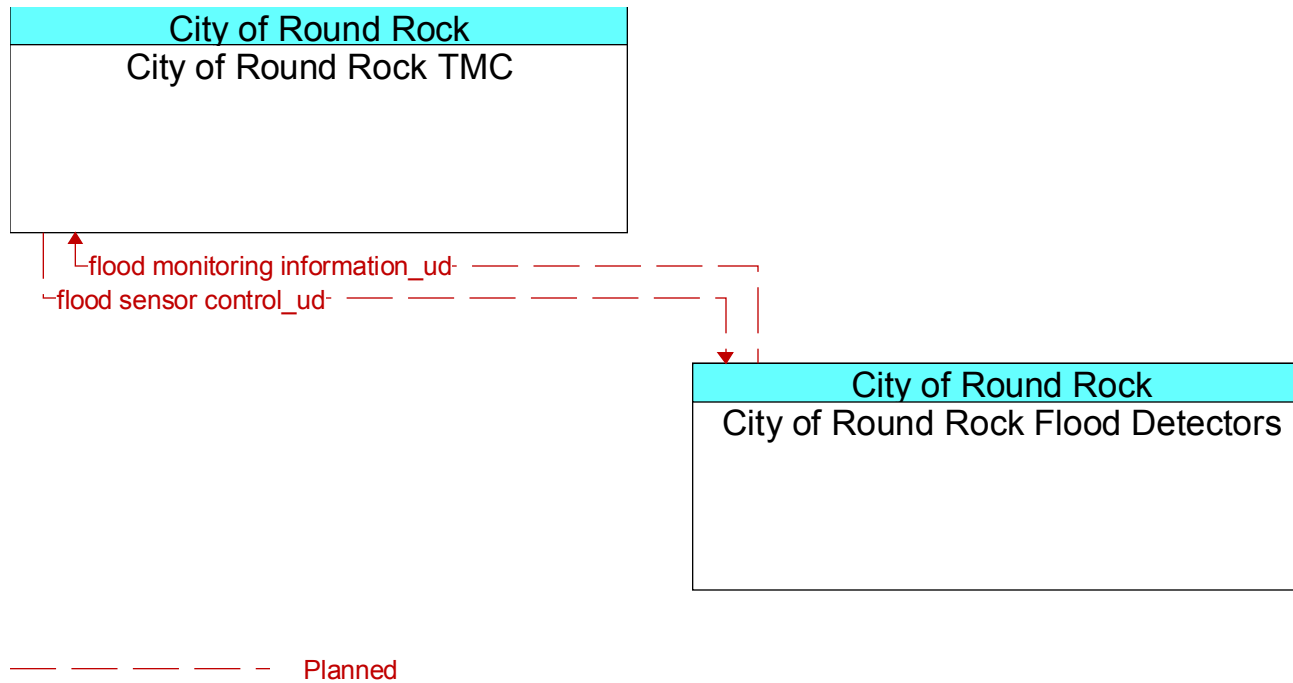


Figure D94 – City of Round Rock ITS Field Equipment Interfaces

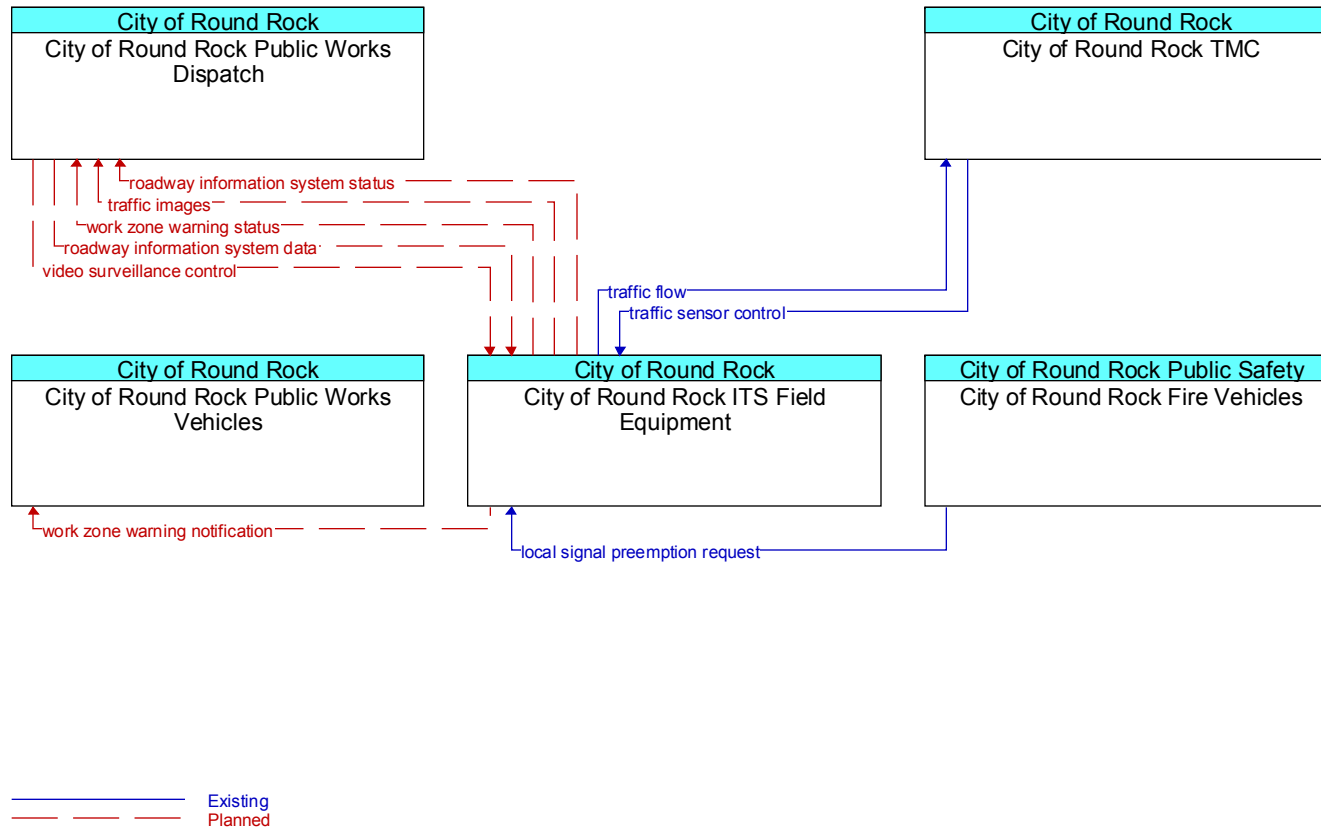


Figure D95 – City of Round Rock Pavement Management System Interfaces

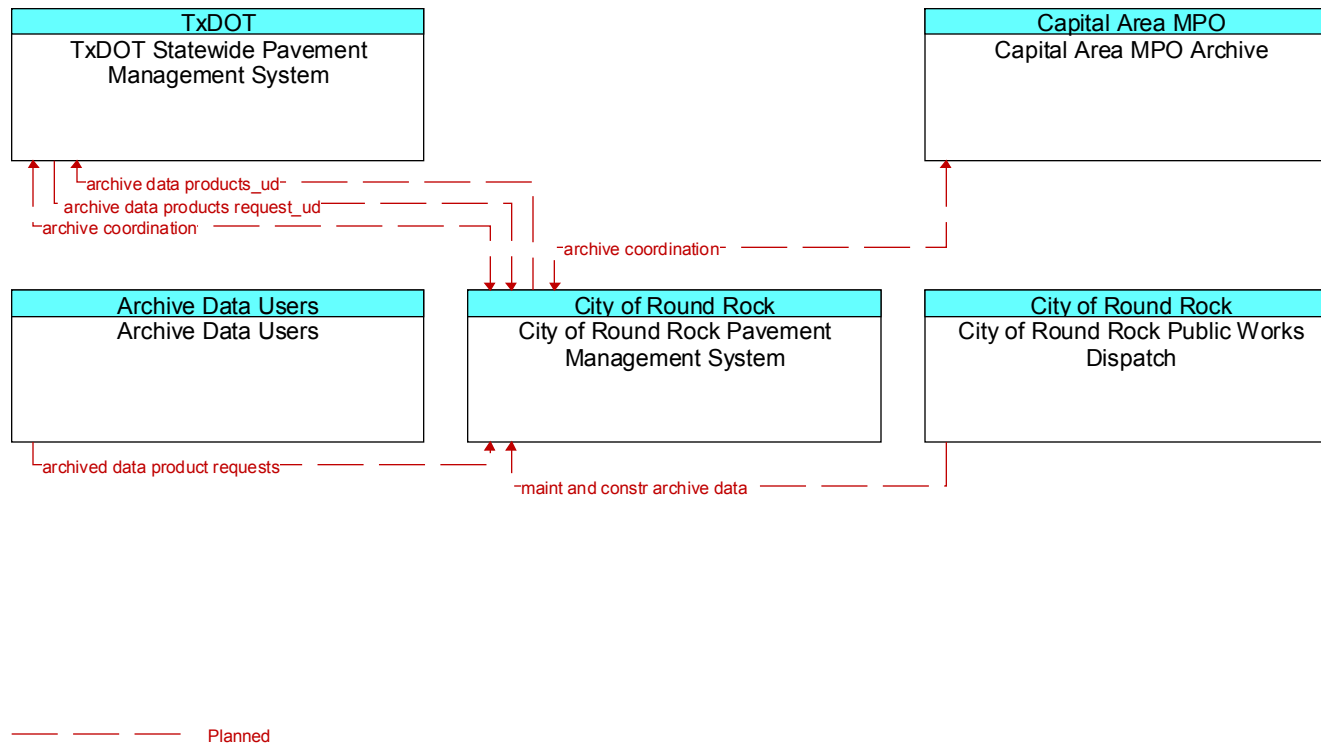




Figure D96 – City of Round Rock Permitting System Interfaces

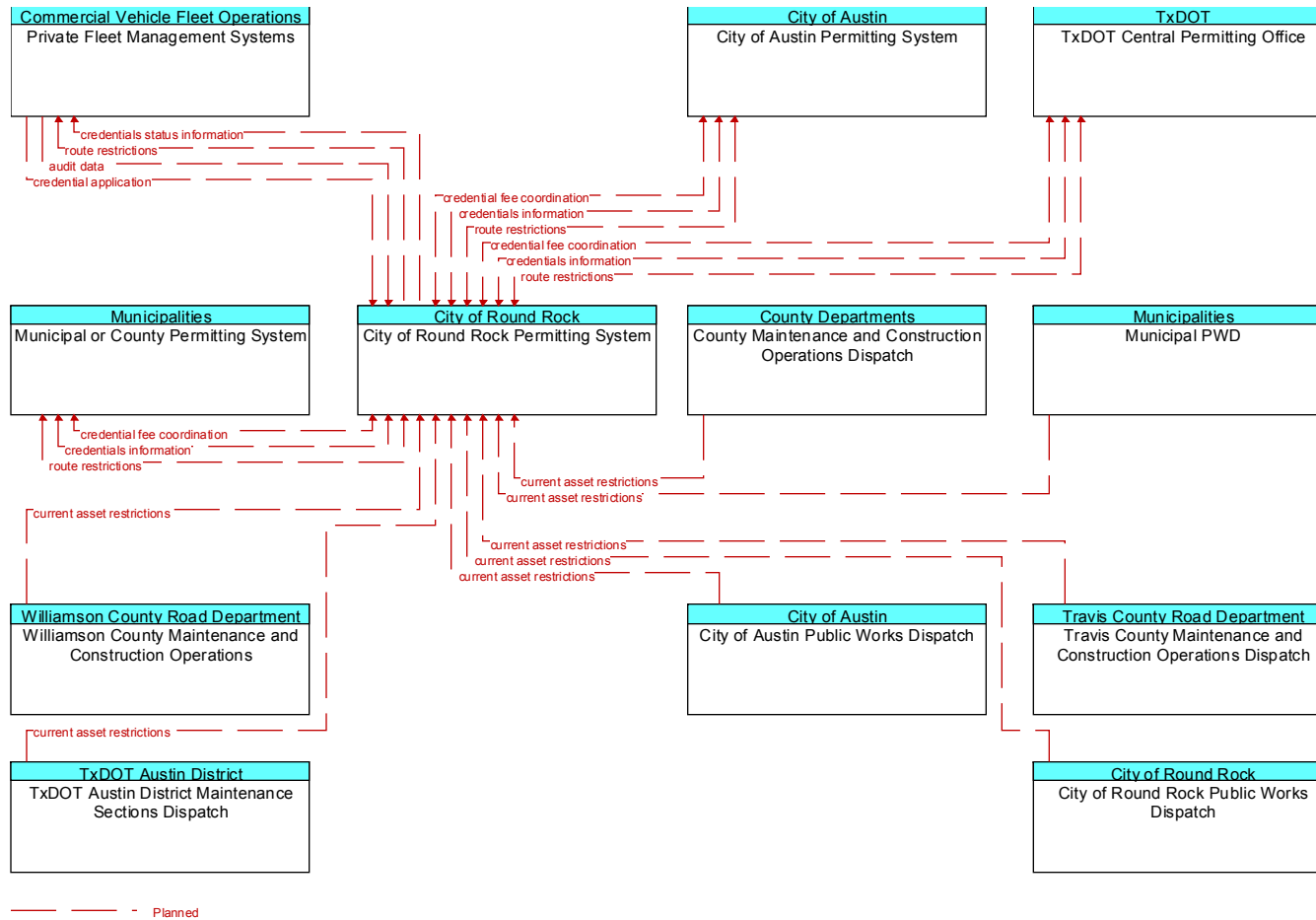


Figure D97 – City of Round Rock Police Vehicles Interfaces

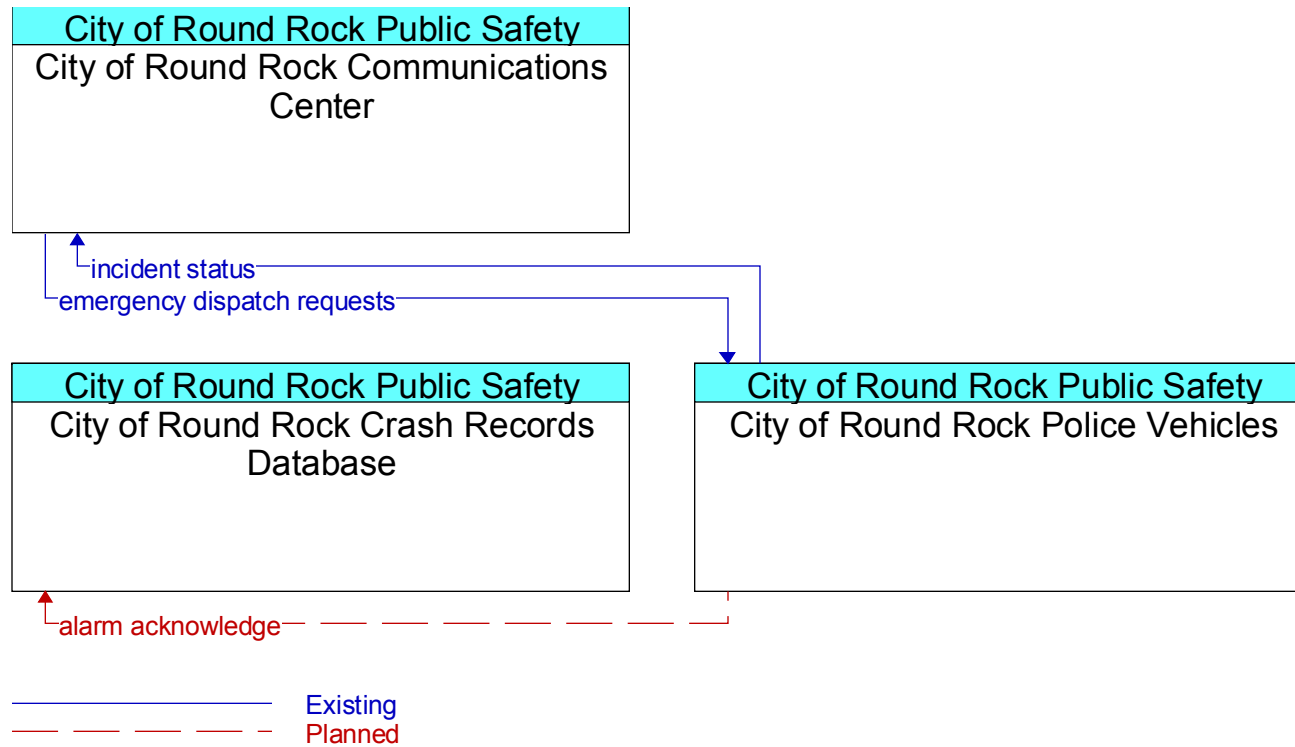


Figure D98 – City of Round Rock Public Information Office Interfaces

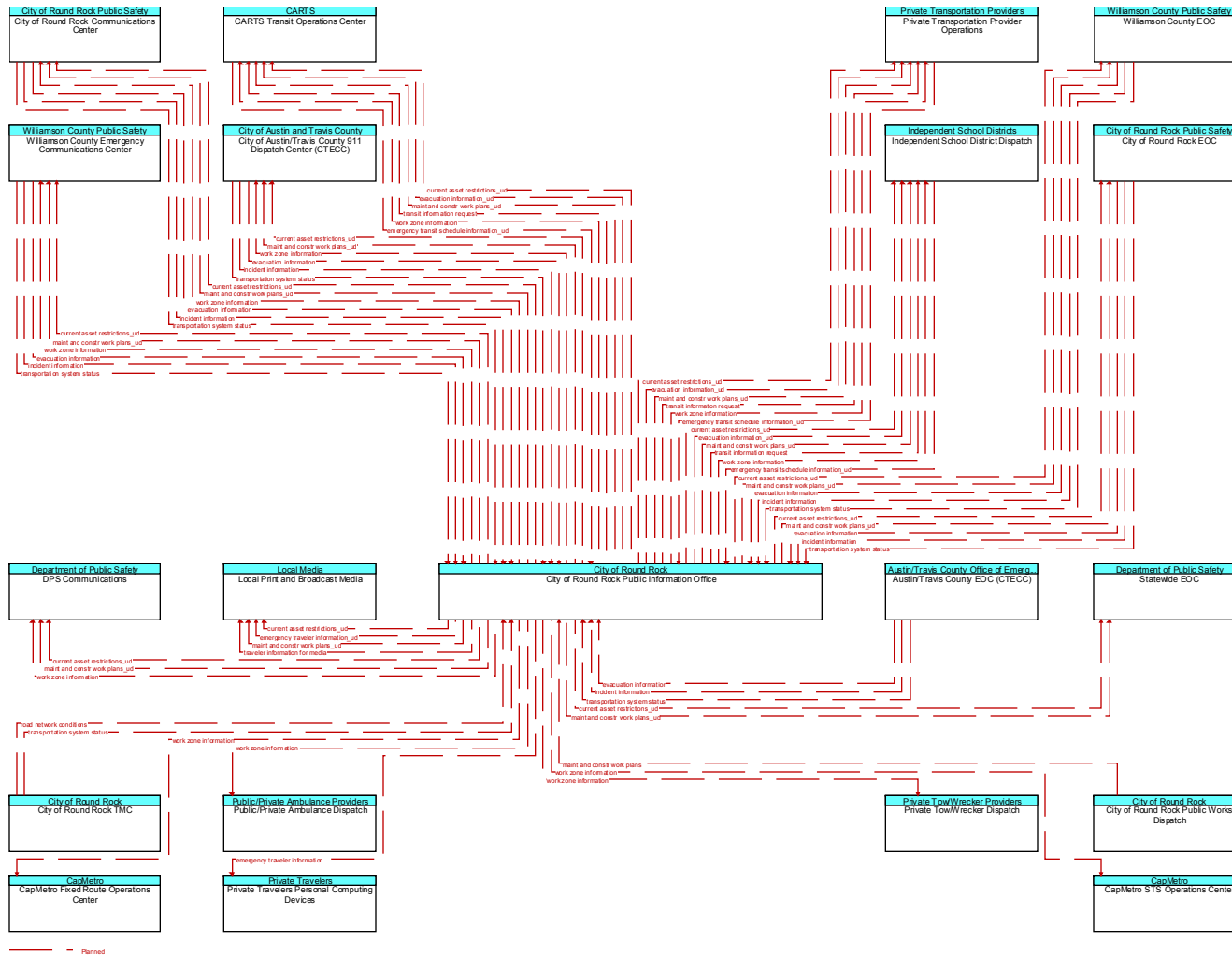
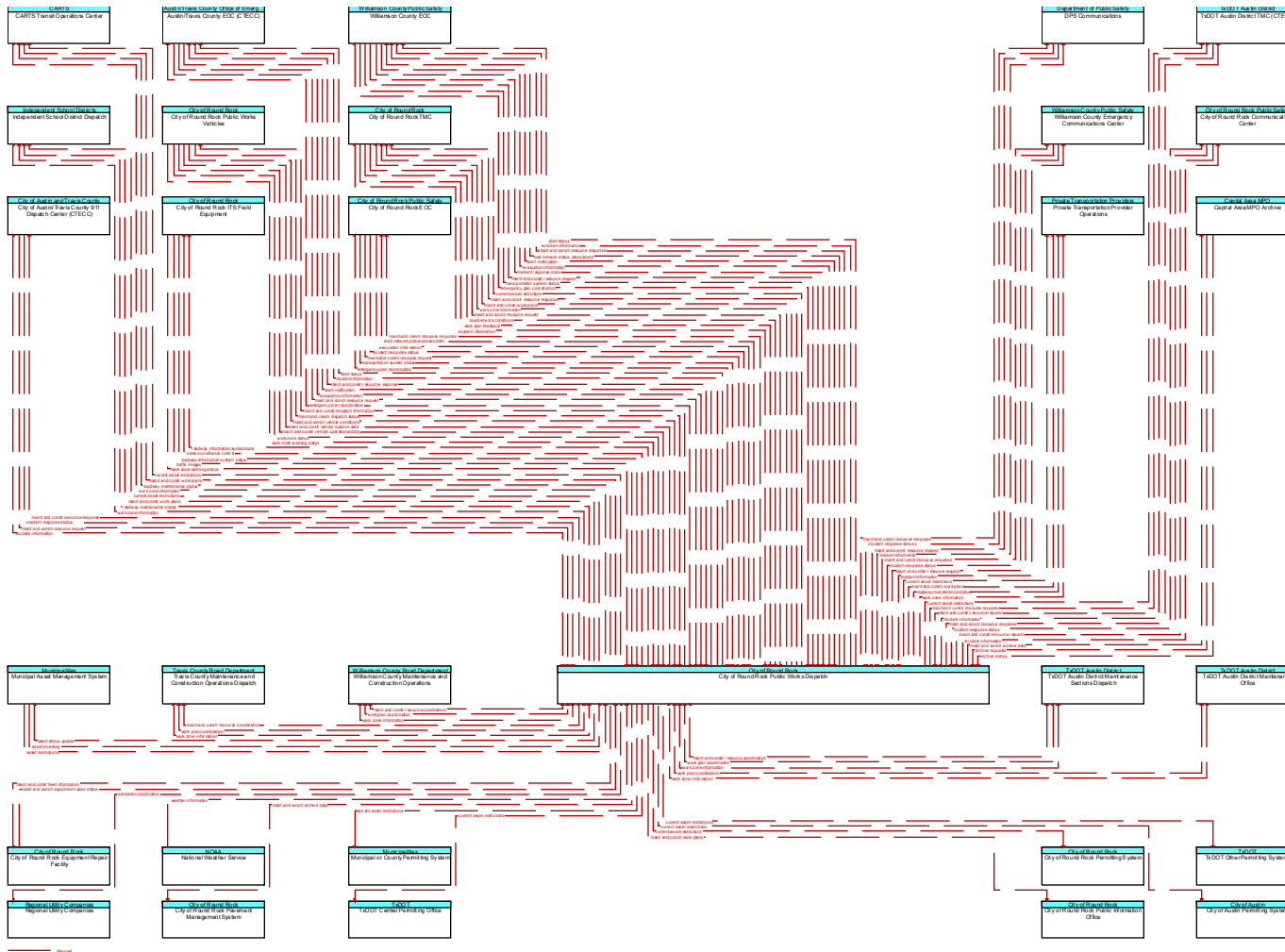


Figure D99 – City of Round Rock Public Works Dispatch Interfaces



Source Element	Destination Element	Flow	Status	
City of Round Rock Public Works Dispatch	Austin/Travis County EOC (CTECC)	alert status	Planned	
		emergency plan coordination	Planned	
		incident information	Planned	
		maint and constr resource response	Planned	
	Capital Area MPO Archive		maint and constr archive data	Planned
	CARTS Transit Operations Center		current asset restrictions	Planned
			maint and constr work plans	Planned
			roadway maintenance status	Planned
			work zone information	Planned
	City of Austin Permitting System		current asset restrictions	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)		incident information	Planned
			maint and constr resource response	Planned
	City of Round Rock Communications Center		incident information	Planned
			maint and constr resource response	Planned
	City of Round Rock EOC		emergency plan coordination	Planned
			maint and constr resource response	Planned
			road network status assessment	Planned
	City of Round Rock Equipment Repair Facility		maint and constr fleet information	Planned
	City of Round Rock ITS Field Equipment		roadway information system data	Planned
			video surveillance control	Planned
	City of Round Rock Pavement Management System		maint and constr archive data	Planned
	City of Round Rock Permitting System		current asset restrictions	Planned
	City of Round Rock Public Information Office		maint and constr work plans	Planned
City of Round Rock Public Works Vehicles		maint and constr dispatch information	Planned	
City of Round Rock TMC		current asset restrictions	Planned	
		incident information	Planned	
		maint and constr resource response	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock Public Works Dispatch (continued)	City of Round Rock TMC (continued)	maint and constr work plans	Planned
		work zone information	Planned
	DPS Communications	incident information	Planned
		maint and constr resource response	Planned
	Independent School District Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Municipal Asset Management System	asset status update	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
	Private Transportation Provider Operations	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Regional Utility Companies	work plan coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District Maintenance Office	work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District Maintenance Sections Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned	
	incident information	Planned	
	maint and constr resource response	Planned	
TxDOT Central Permitting Office	current asset restrictions	Planned	
TxDOT Other Permitting Systems	current asset restrictions	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock Public Works Dispatch (continued)	Williamson County Emergency Communications Center	incident information	Planned
		maint and constr resource response	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
	road network status assessment	Planned	
	Williamson County Maintenance and Construction Operations	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned

Figure D100 – City of Round Rock Public Works Vehicles Interfaces

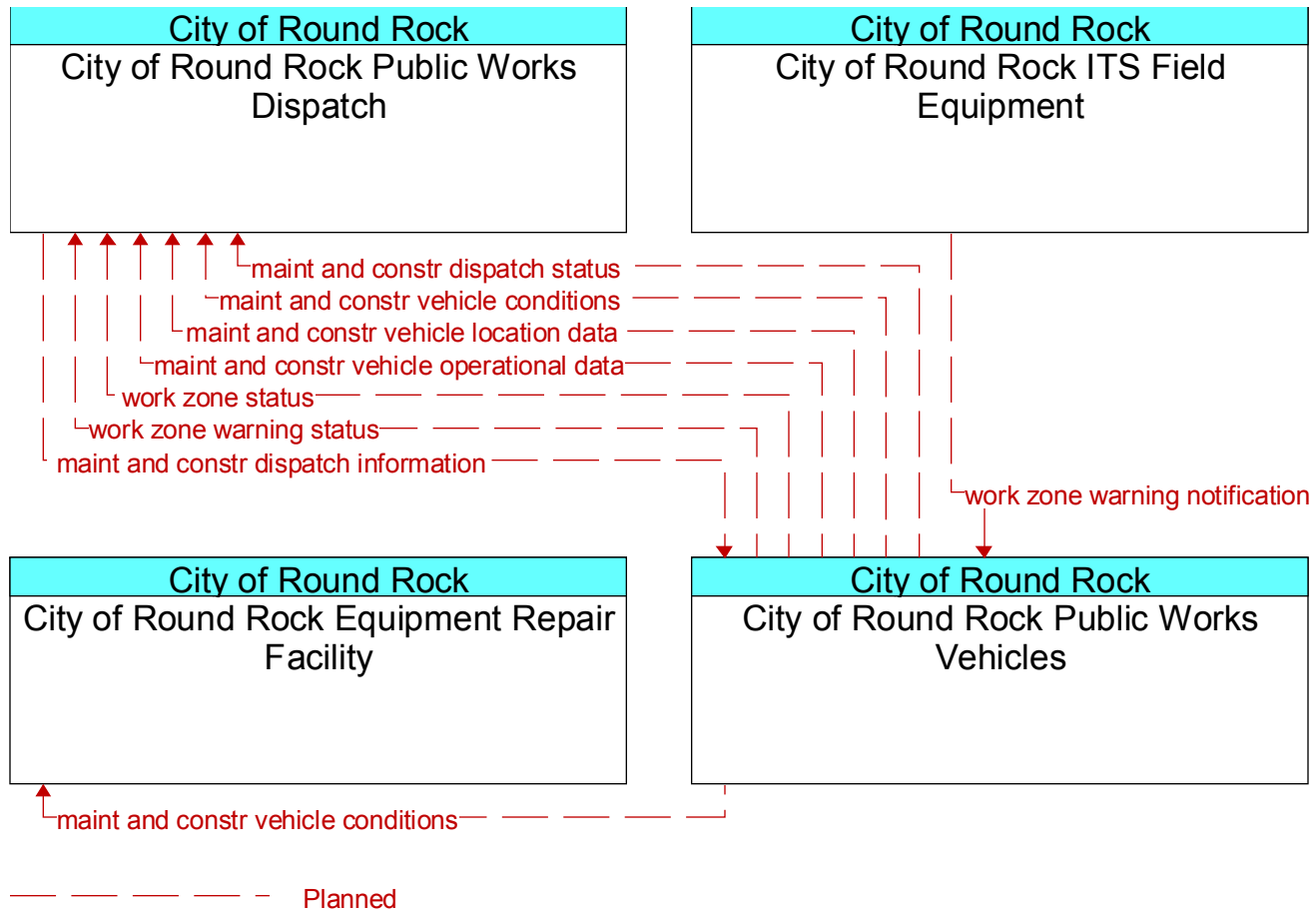




Figure D101 – City of Round Rock School Programmable Flasher Systems Interfaces

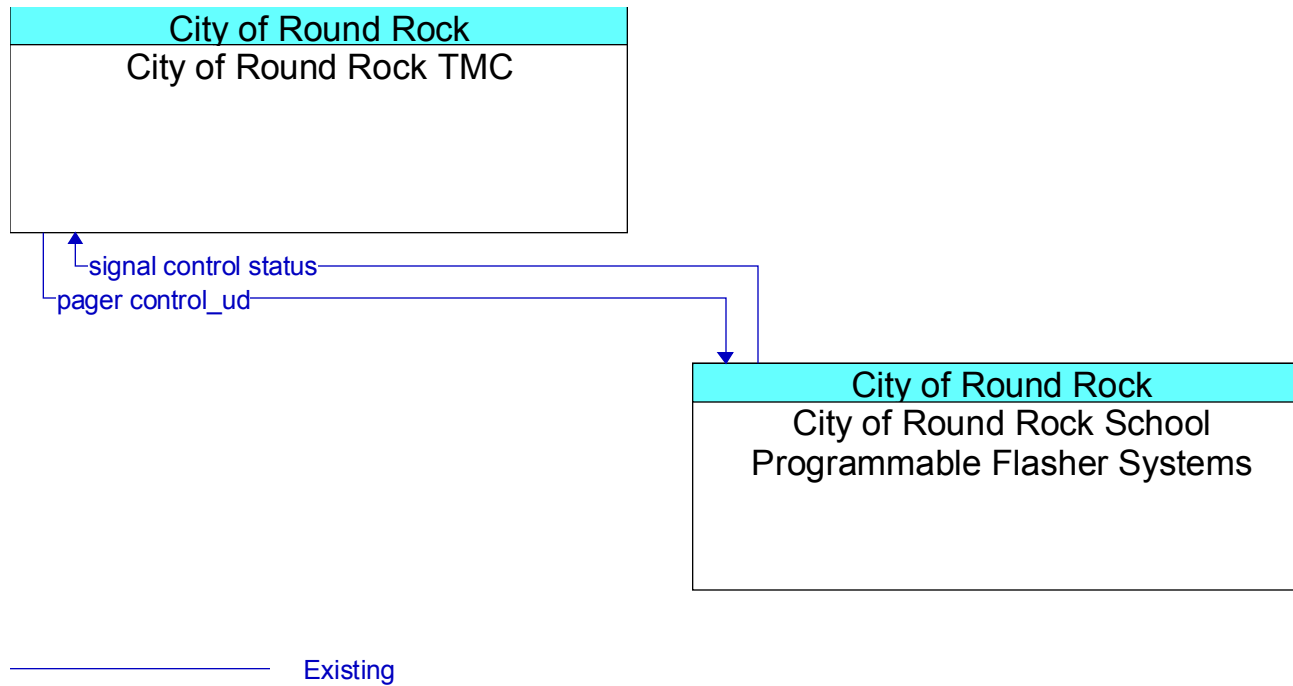
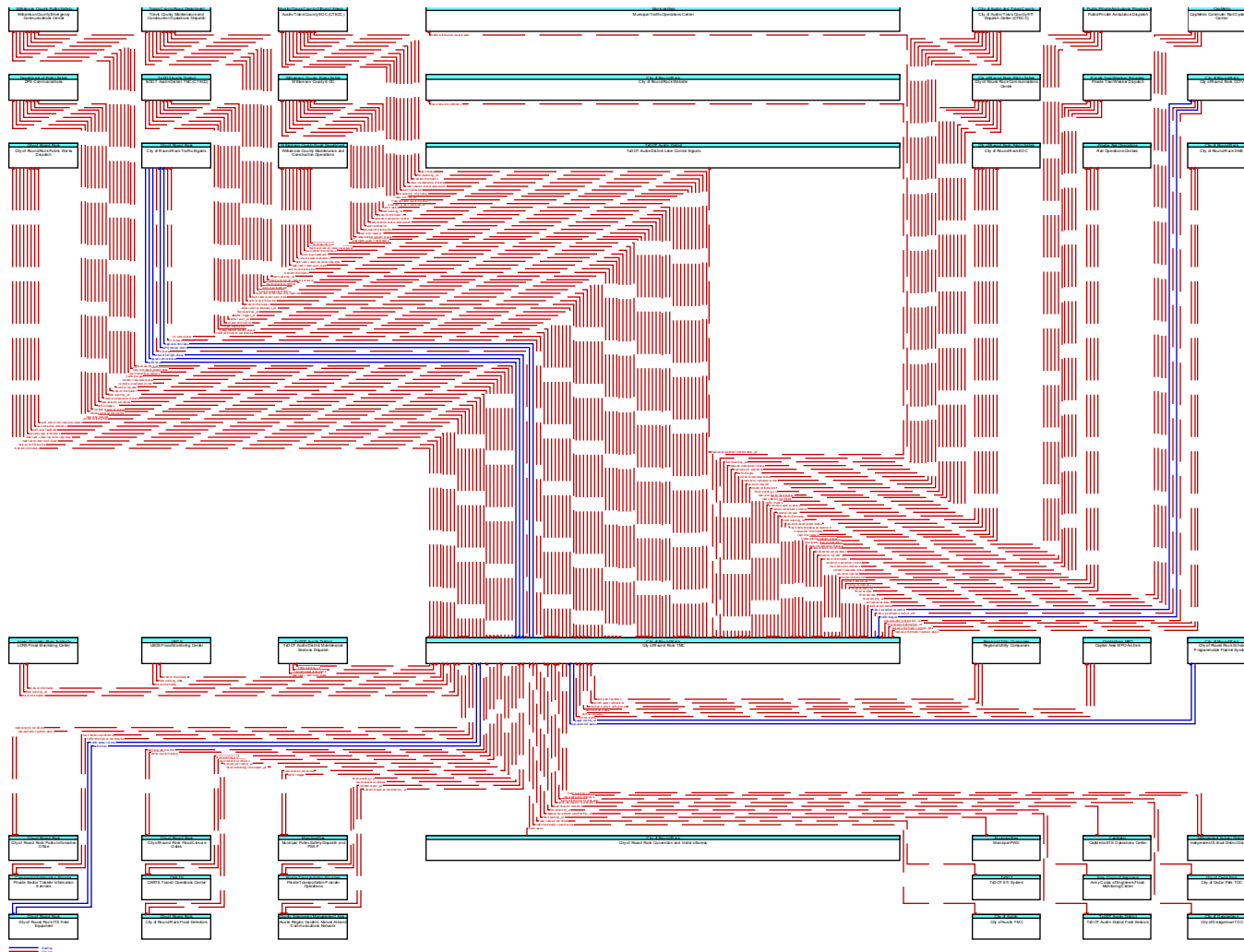


Figure D102 – City of Round Rock TMC Interfaces



Source Element	Destination Element	Flow	Status
City of Round Rock TMC	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
	CapMetro STS Operations Center	road network conditions	Planned
	CARTS Transit Operations Center	flood warning_ud	Planned
		road network conditions	Planned
	City of Austin TMC	traffic information coordination	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	City of Cedar Park TOC	traffic information coordination	Planned
	City of Georgetown TOC	traffic information coordination	Planned
	City of Round Rock CCTV	video surveillance control	Existing
		video surveillance control_ud	Planned
City of Round Rock Communications Center	flood warning_ud	Planned	
	incident information	Planned	
	resource deployment status	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock TMC (continued)	City of Round Rock Communications Center (continued)	road network conditions	Planned
		traffic images	Planned
	City of Round Rock DMS	hri advisory information_ud	Planned
		roadway information system data	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		flood warning_ud	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	City of Round Rock Flood Closure Gates	barrier system control	Planned
	City of Round Rock Flood Detectors	flood sensor control_ud	Planned
	City of Round Rock ITS Field Equipment	traffic sensor control	Existing
	City of Round Rock Public Information Office	road network conditions	Planned
		transportation system status	Planned
	City of Round Rock Public Works Dispatch	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	City of Round Rock School Programmable Flasher Systems	pager control_ud	Existing
	City of Round Rock Traffic Signals	hri control data	Planned
		hri request	Planned
		signal control data	Existing
		traffic sensor control	Existing
	City of Round Rock Website	road network conditions	Planned
DPS Communications	flood warning_ud	Planned	
	incident information	Planned	
	resource deployment status	Planned	
	road network conditions	Planned	

Source Element	Destination Element	Flow	Status
City of Round Rock TMC (continued)	DPS Communications (continued)	traffic images	Planned
	Independent School District Dispatch	flood warning_ud	Planned
		road network conditions	Planned
	LCRA Flood Monitoring Center	incident information	Planned
	Municipal Public Safety Dispatch and PSAP	road network conditions	Planned
		traffic images	Planned
	Municipal PWD	flood warning_ud	Planned
	Municipal Traffic Operations Center	traffic information coordination	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Private Transportation Provider Operations	flood warning_ud	Planned
		road network conditions	Planned
	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Rail Operations Centers	hri advisories	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	Regional Utility Companies	work plan feedback	Planned
	Travis County Maintenance and Construction Operations Dispatch	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	TxDOT 511 System	road network conditions	Planned

Source Element	Destination Element	Flow	Status	
City of Round Rock TMC (continued)	TxDOT Austin District Field Sensors	roadway equipment coordination_ud	Planned	
	TxDOT Austin District Lane Control Signals	roadway equipment coordination_ud	Planned	
	TxDOT Austin District Maintenance Sections Dispatch	flood warning_ud	Planned	
	TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud		Planned
		flood warning_ud		Planned
		traffic images_ud		Planned
		traffic information coordination		Planned
	USGS Flood Monitoring Center	incident information		Planned
	Williamson County Emergency Communications Center	flood warning_ud		Planned
		incident information		Planned
		resource deployment status		Planned
		road network conditions		Planned
		traffic images		Planned
	Williamson County EOC	alert status		Planned
		emergency plan coordination		Planned
		flood warning_ud		Planned
		incident information		Planned
		resource deployment status		Planned
		road network status assessment		Planned
	Williamson County Maintenance and Construction Operations	flood warning_ud		Planned
		incident information		Planned
		maint and constr resource request		Planned
		road network conditions		Planned
work plan feedback			Planned	

Figure D103 – City of Round Rock Traffic Signals Interfaces

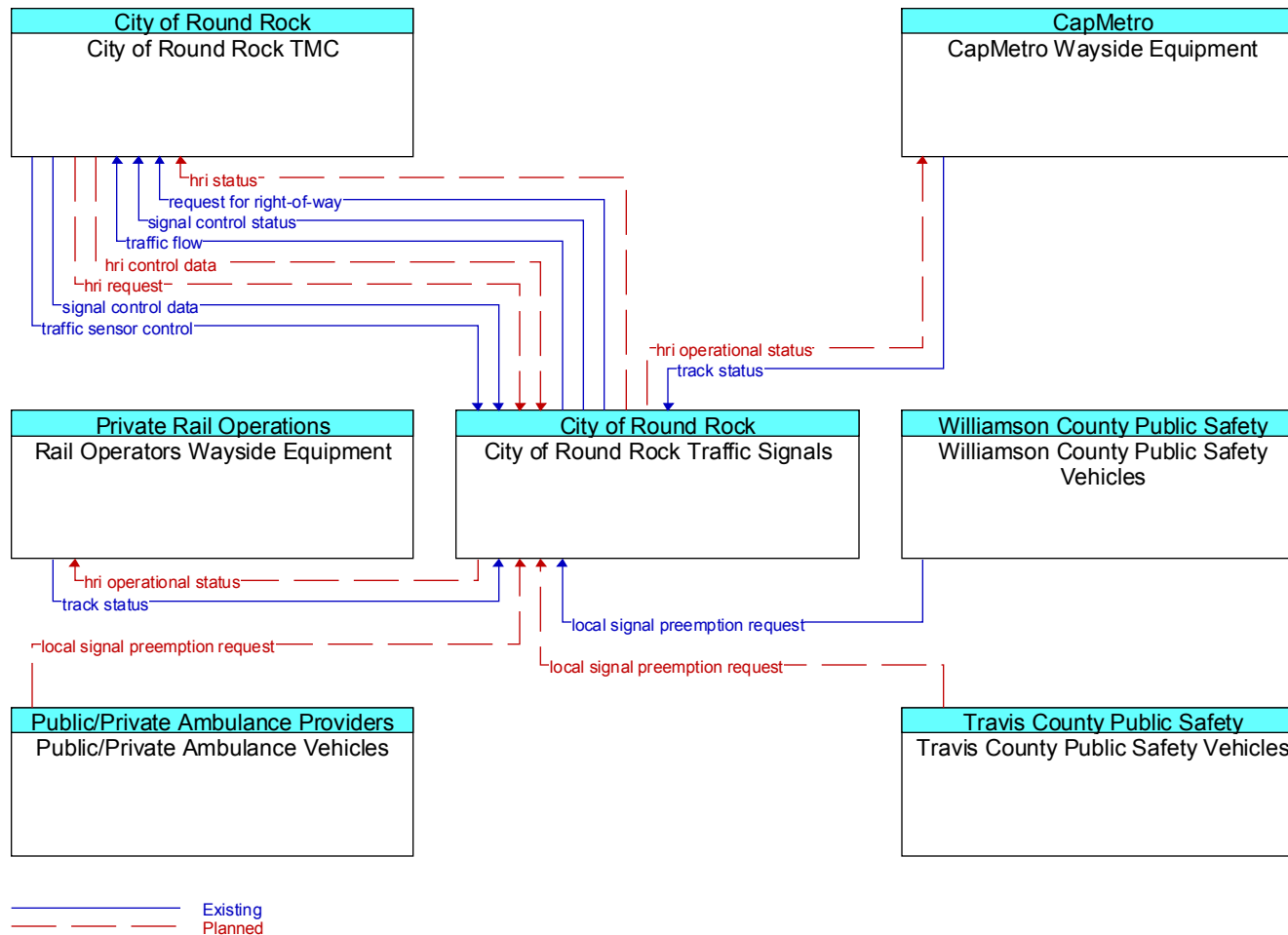


Figure D104 – City of Round Rock Website Interfaces

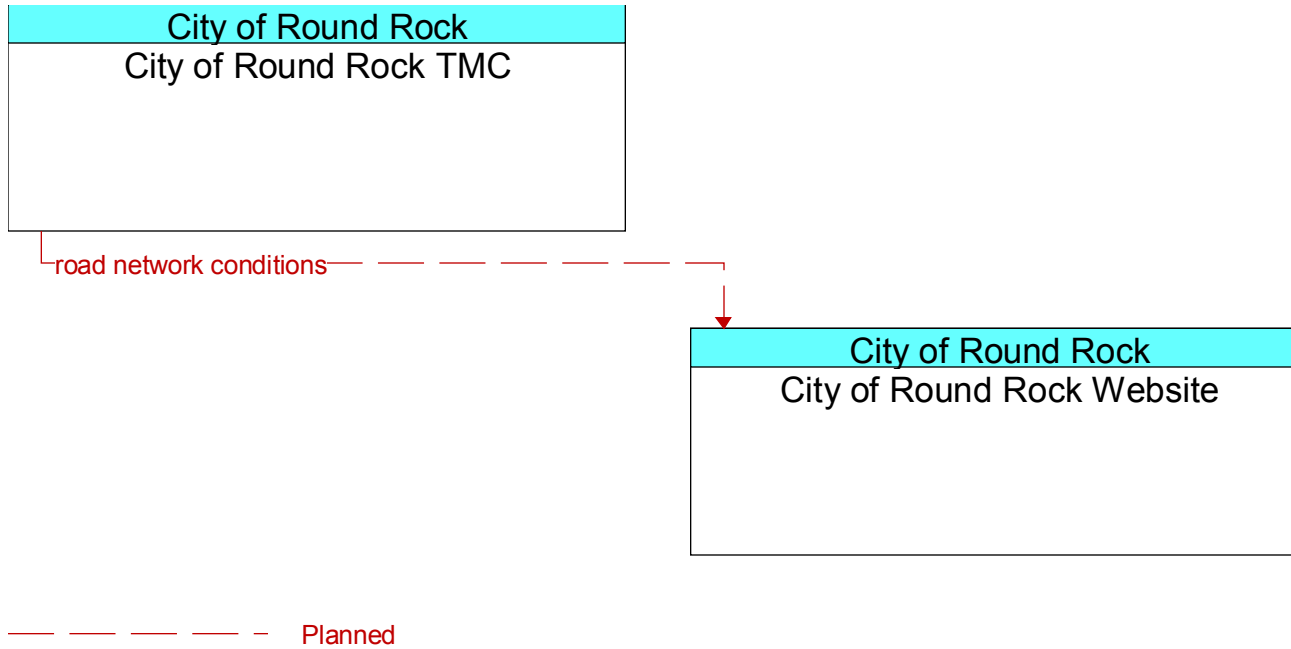




Figure D105 – City of San Marcos CCTV Interfaces

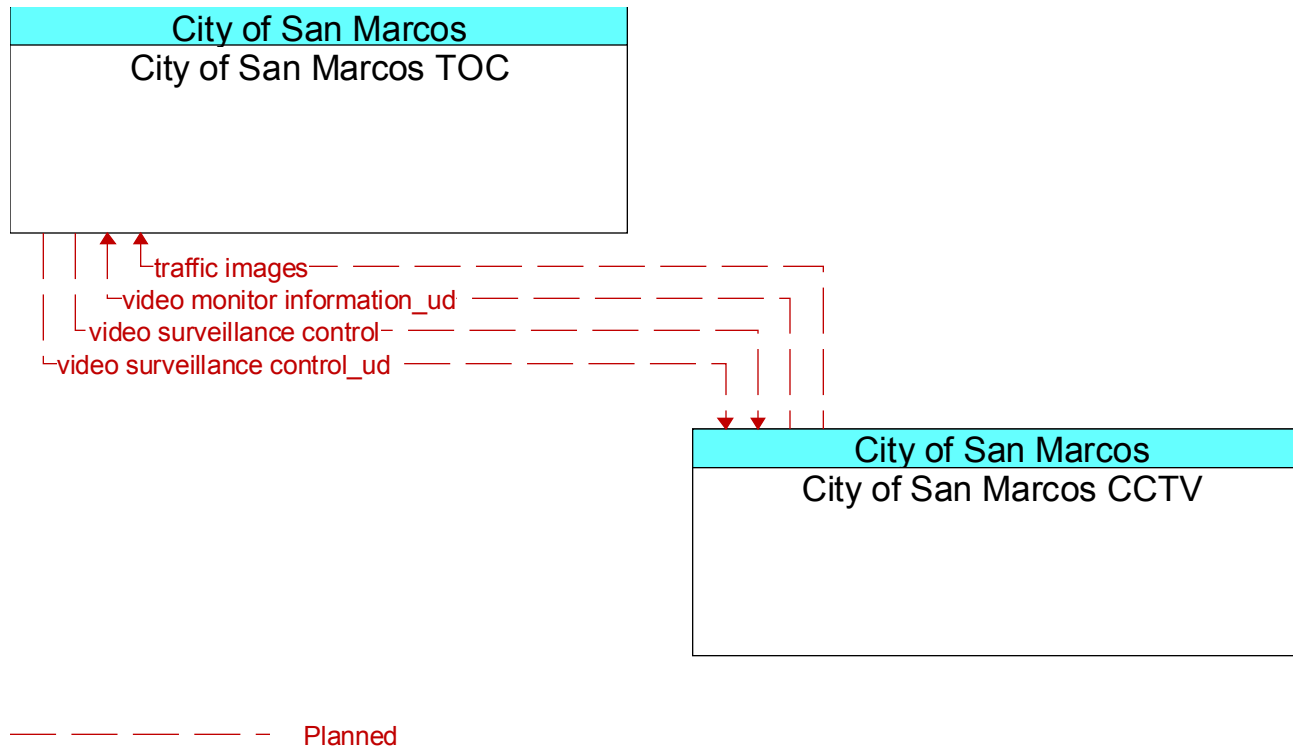


Figure D106 – City of San Marcos DMS Interfaces

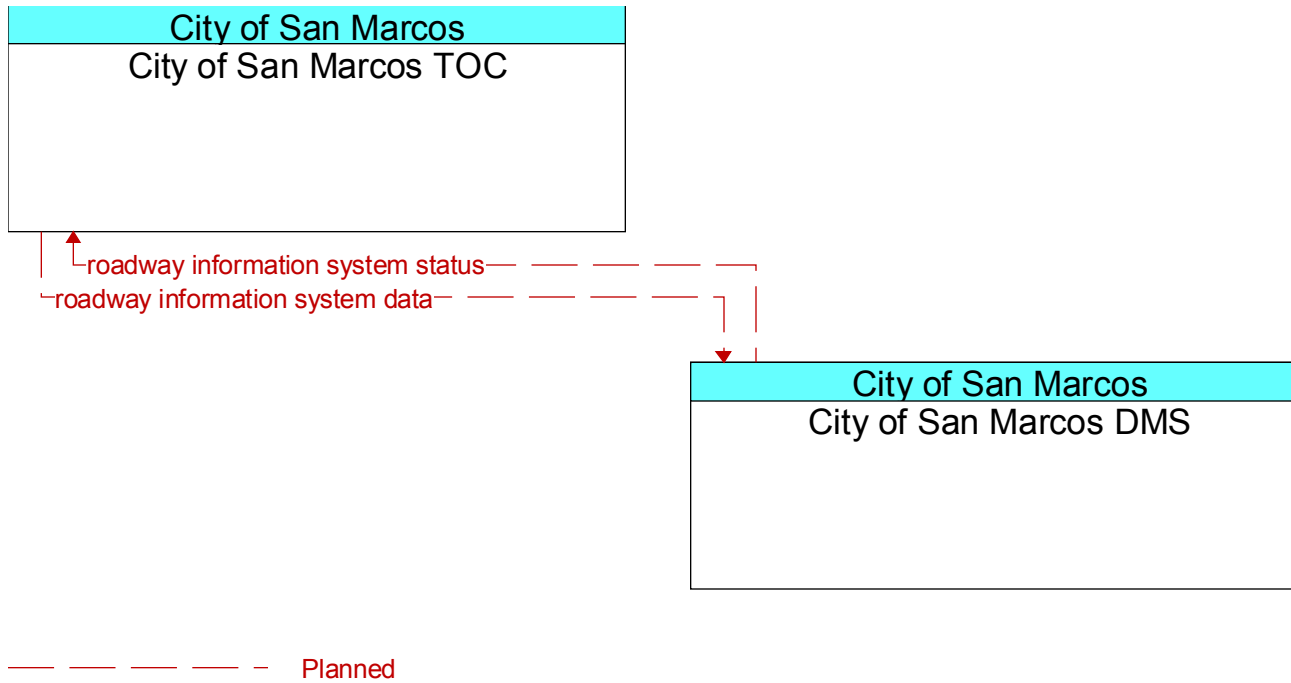


Figure D107 – City of San Marcos Flood Detectors Interfaces

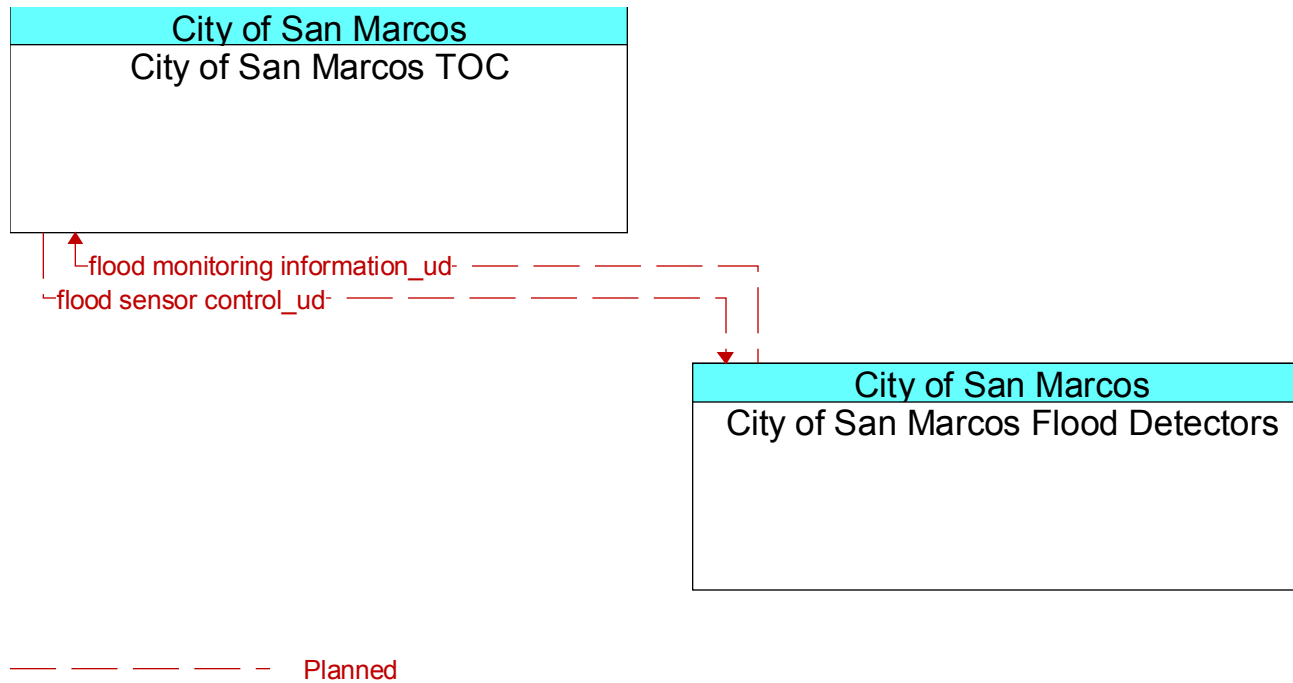


Figure D108 – City of San Marcos ITS Field Equipment Interfaces

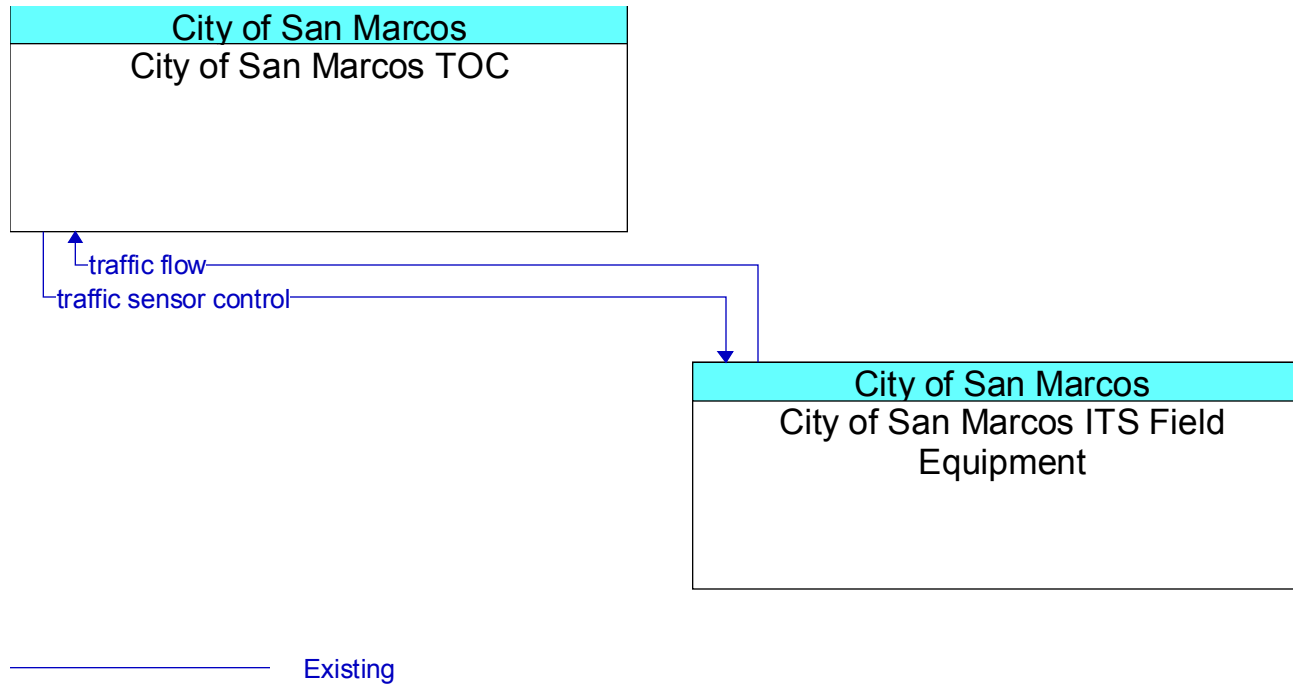


Figure D109 – City of San Marcos Public Information Office Interfaces

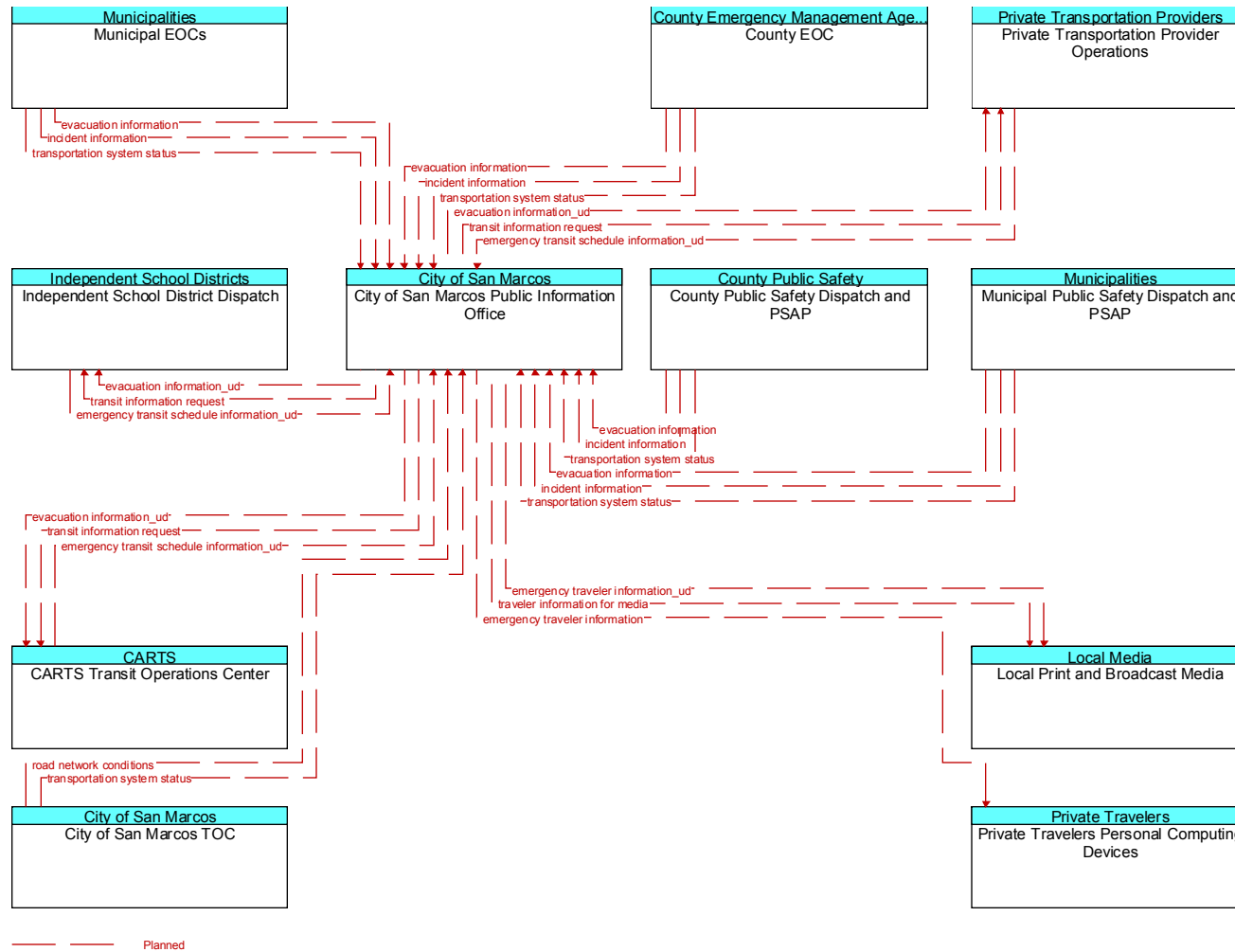
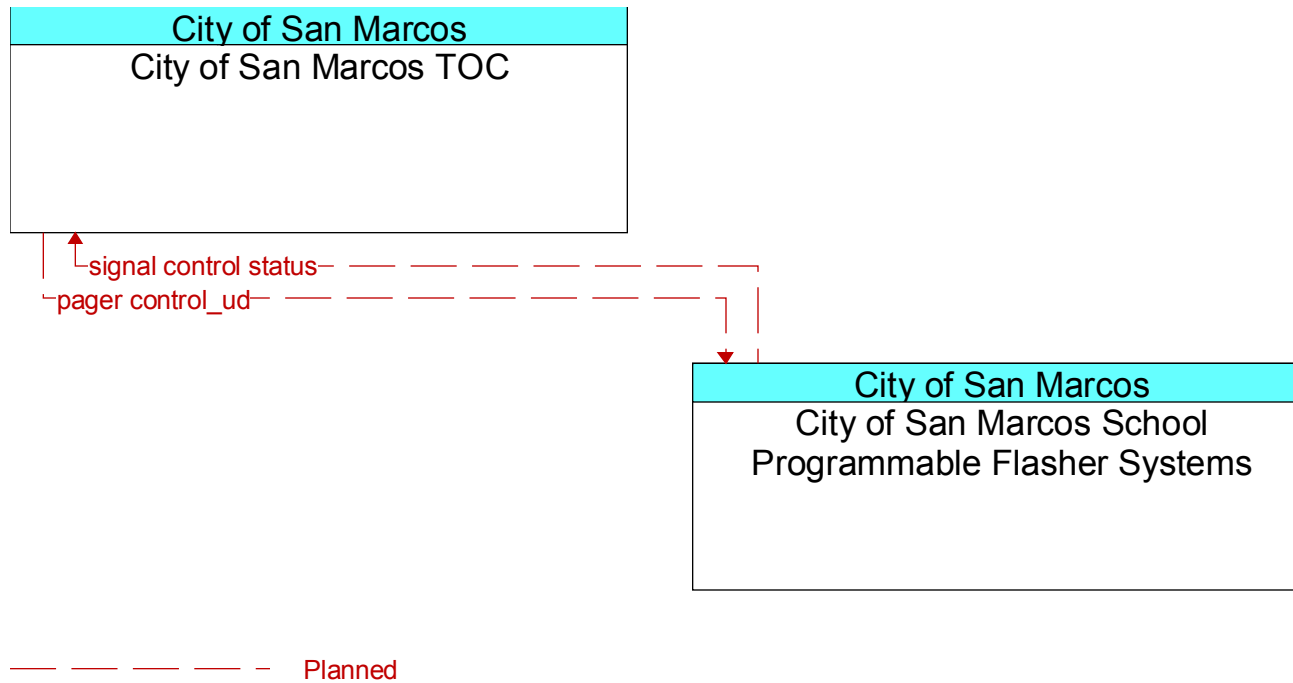


Figure D110 – City of San Marcos School Programmable Flasher Systems Interfaces





Source Element	Destination Element	Flow	Status
City of San Marcos TOC	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CARTS Transit Operations Center	flood warning_ud	Planned
		road network conditions	Planned
	City of San Marcos CCTV	video surveillance control	Planned
		video surveillance control_ud	Planned
	City of San Marcos DMS	roadway information system data	Planned
	City of San Marcos Flood Detectors	flood sensor control_ud	Planned
	City of San Marcos ITS Field Equipment	traffic sensor control	Existing
	City of San Marcos Public Information Office	road network conditions	Planned
		transportation system status	Planned
	City of San Marcos School Programmable Flasher Systems	pager control_ud	Planned
	City of San Marcos Traffic Signals	hri control data	Planned
		hri request	Planned
		signal control data	Existing
		traffic sensor control	Planned
	County EOC	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned
	County Maintenance and Construction Operations Dispatch	flood warning_ud	Planned
		incident information	Planned
maint and constr resource request		Planned	
road network conditions		Planned	
work plan feedback		Planned	



Source Element	Destination Element	Flow	Status
City of San Marcos TOC (continued)	County Public Safety Dispatch and PSAP	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	DPS Communications	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Independent School District Dispatch	flood warning_ud	Planned
		road network conditions	Planned
	LCRA Flood Monitoring Center	incident information	Planned
	Municipal EOCs	emergency plan coordination	Planned
		flood warning_ud	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Municipal Public Safety Dispatch and PSAP	flood warning_ud	Planned
		incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Municipal PWD	flood warning_ud	Planned
incident information		Planned	
maint and constr resource request		Planned	
road network conditions		Planned	
work plan feedback		Planned	
Municipal Traffic Operations Center	traffic information coordination	Planned	

Source Element	Destination Element	Flow	Status
City of San Marcos TOC (continued)	Municipal Website	road network conditions	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Private Transportation Provider Operations	flood warning_ud	Planned
		road network conditions	Planned
	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Rail Operations Centers	hri advisories	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	Regional Utility Companies	work plan feedback	Planned
	TxDOT 511 System	road network conditions	Planned
	TxDOT Austin District Maintenance Sections Dispatch	flood warning_ud	Planned
	TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud	Planned
		flood warning_ud	Planned
		traffic images_ud	Planned
traffic information coordination		Planned	
USGS Flood Monitoring Center	incident information	Planned	

Figure D112 – City of San Marcos Traffic Signals Interfaces

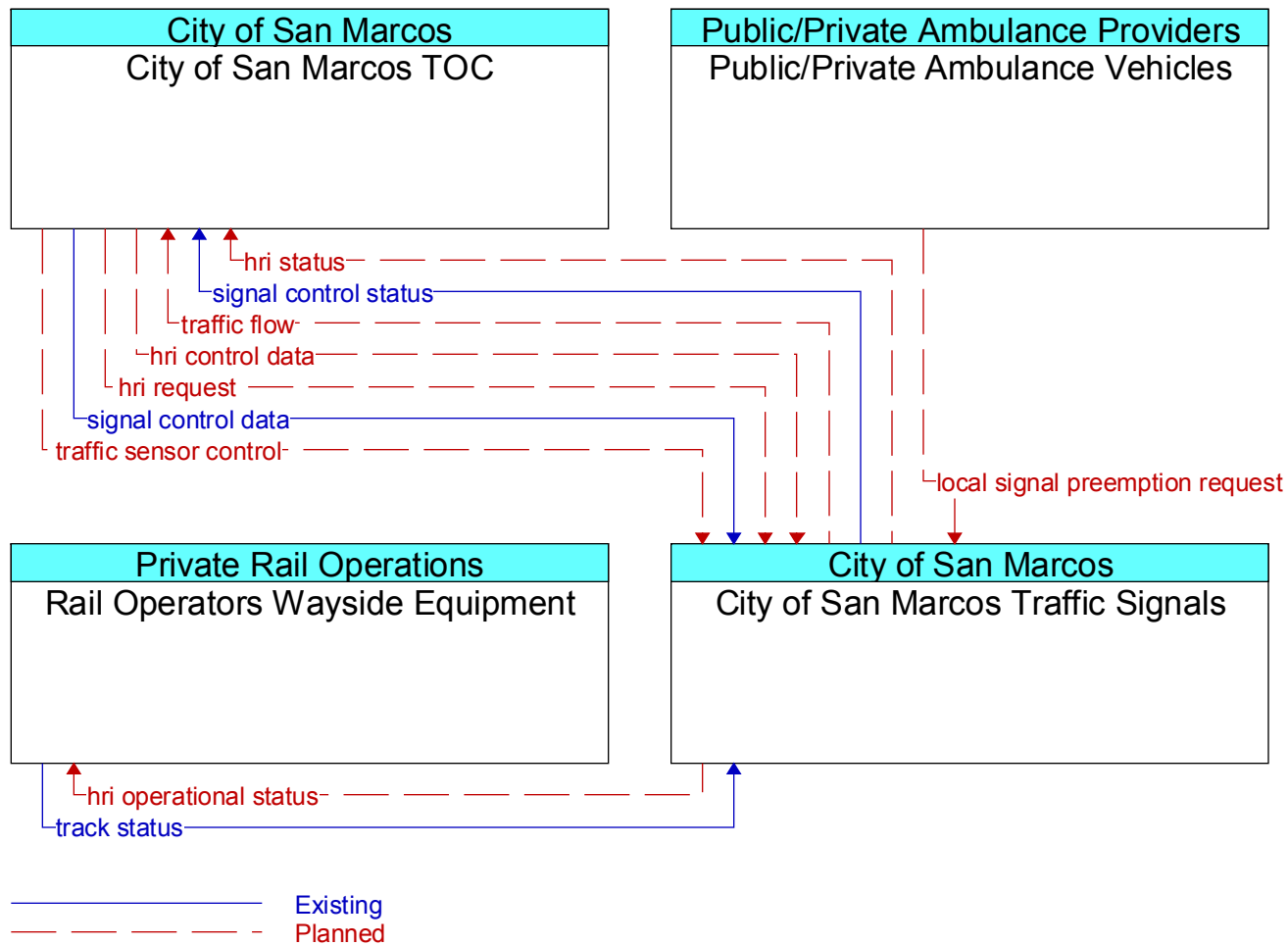


Figure D113 – Commercial Vehicles Interfaces

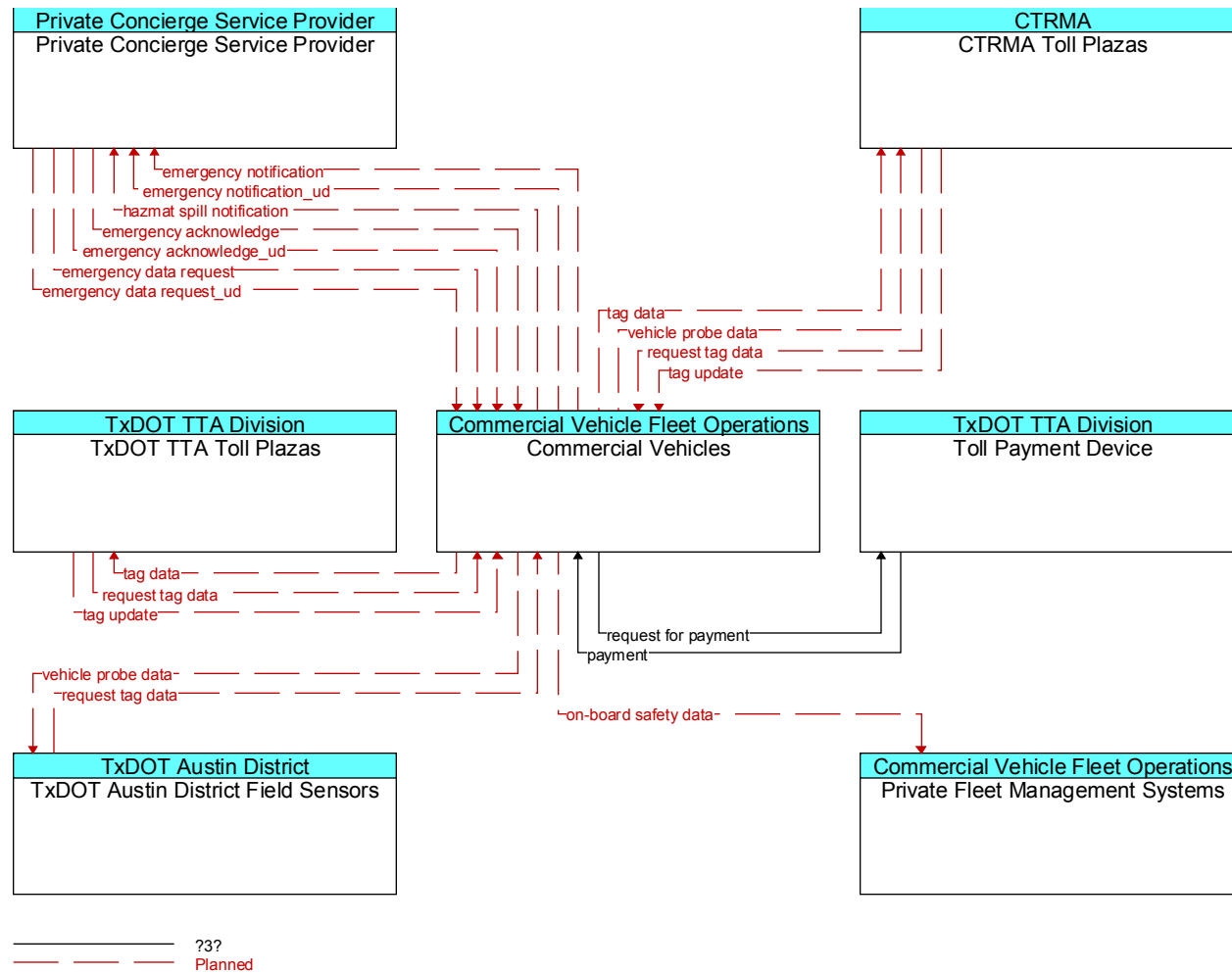


Figure D114 – County Asset Management System Interfaces

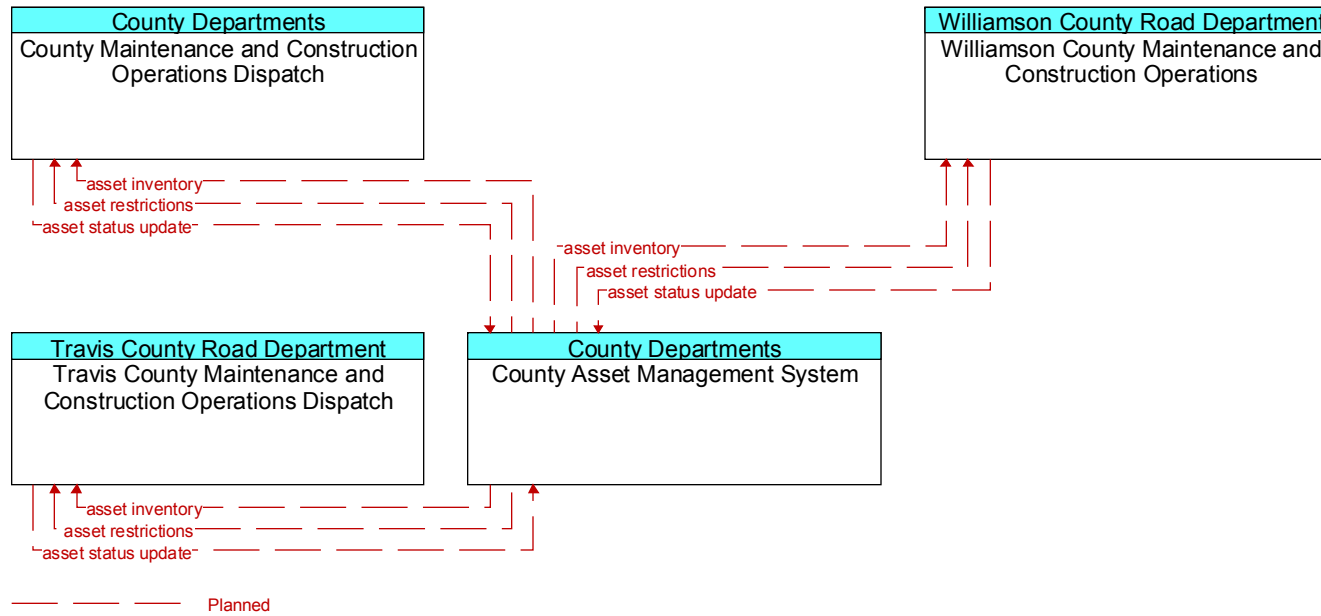
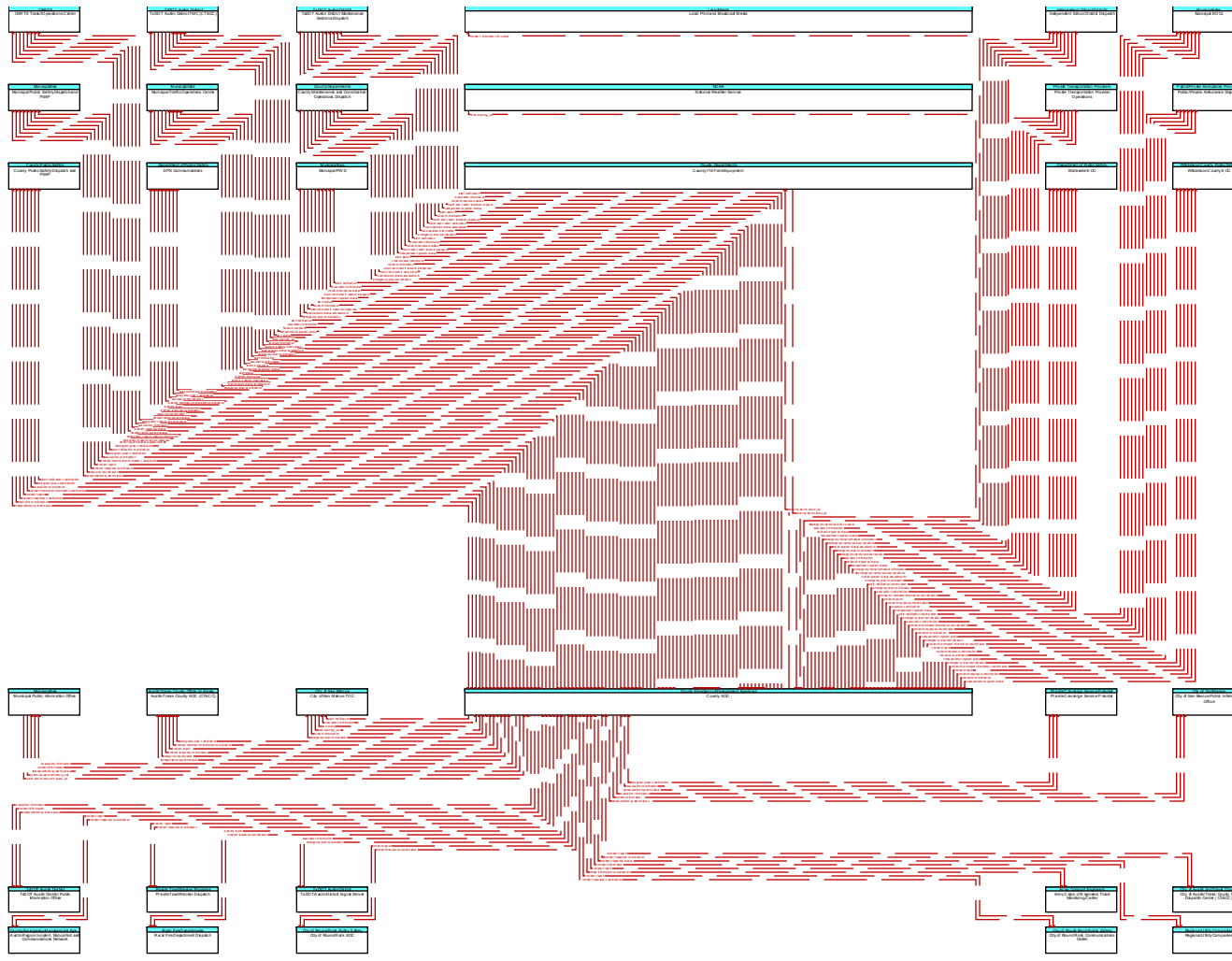


Figure D115 – County EOC Interfaces



Source Element	Destination Element	Flow	Status
County EOC	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CARTS Transit Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident report	Planned
		incident response coordination	Planned
	City of Round Rock Communications Center	incident report	Planned
		incident response coordination	Planned
	City of Round Rock EOC	incident report	Planned
		incident response coordination	Planned
	City of San Marcos Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
City of San Marcos TOC	alert notification	Planned	
	emergency plan coordination	Planned	
	evacuation information	Planned	

Source Element	Destination Element	Flow	Status
County EOC (continued)	County ITS Field Equipment	barrier system control_ud	Planned
	County Maintenance and Construction Operations Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	County Public Safety Dispatch and PSAP	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	DPS Communications	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Independent School District Dispatch	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned



Source Element	Destination Element	Flow	Status
County EOC (continued)	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Municipal Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Municipal PWD	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	Municipal Traffic Operations Center	alert notification	Planned
		emergency plan coordination	Planned
evacuation information		Planned	

Source Element	Destination Element	Flow	Status
County EOC (continued)	Municipal Traffic Operations Center (continued)	resource request	Planned
		transportation system status	Planned
	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	Public/Private Ambulance Dispatch	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident report	Planned
		incident response coordination	Planned
	Statewide EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
incident response coordination		Planned	

Source Element	Destination Element	Flow	Status
County EOC (continued)	Statewide EOC (continued)	resource coordination	Planned
		transportation system status	Planned
	TxDOT Austin District Maintenance Sections Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	TxDOT Austin District Signal Server	emergency plan coordination	Planned
		evacuation information	Planned
	TxDOT Austin District TMC (CTECC)	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	Williamson County EOC	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
transportation system status		Planned	

Figure D116 – County Equipment Repair Garage Interfaces

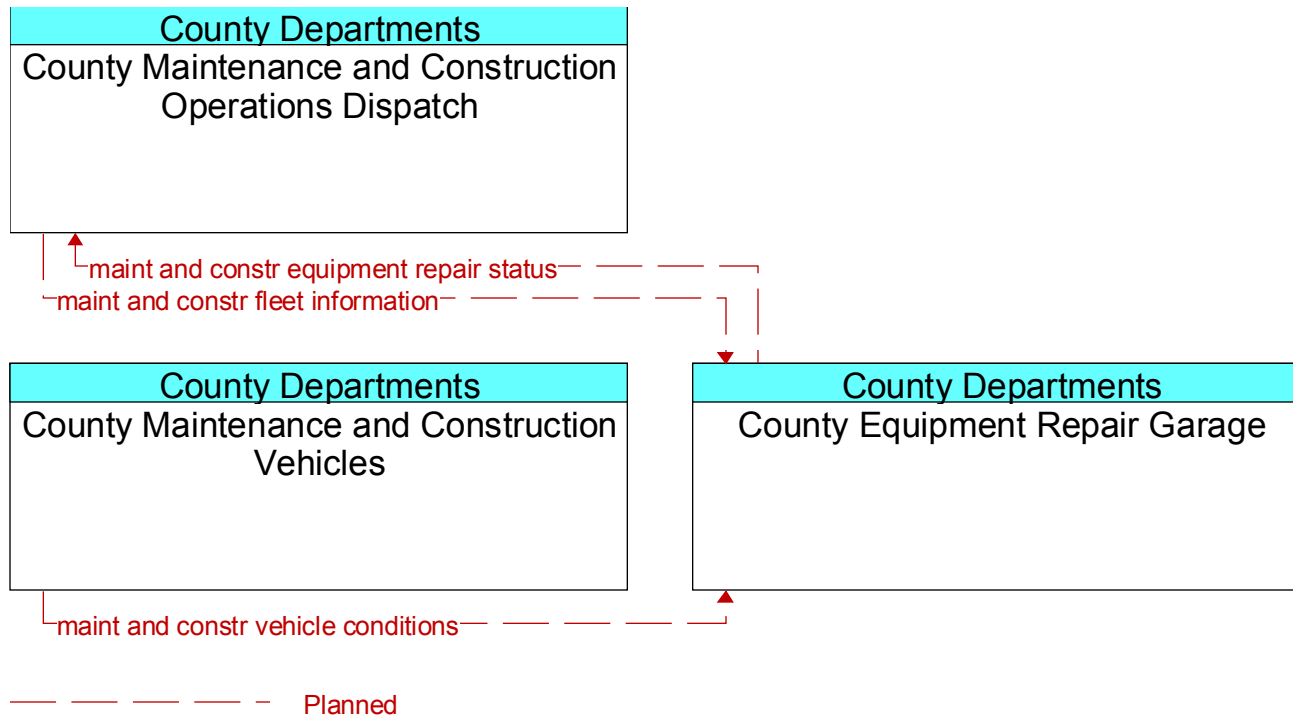


Figure D117 – County ITS Field Equipment Interfaces

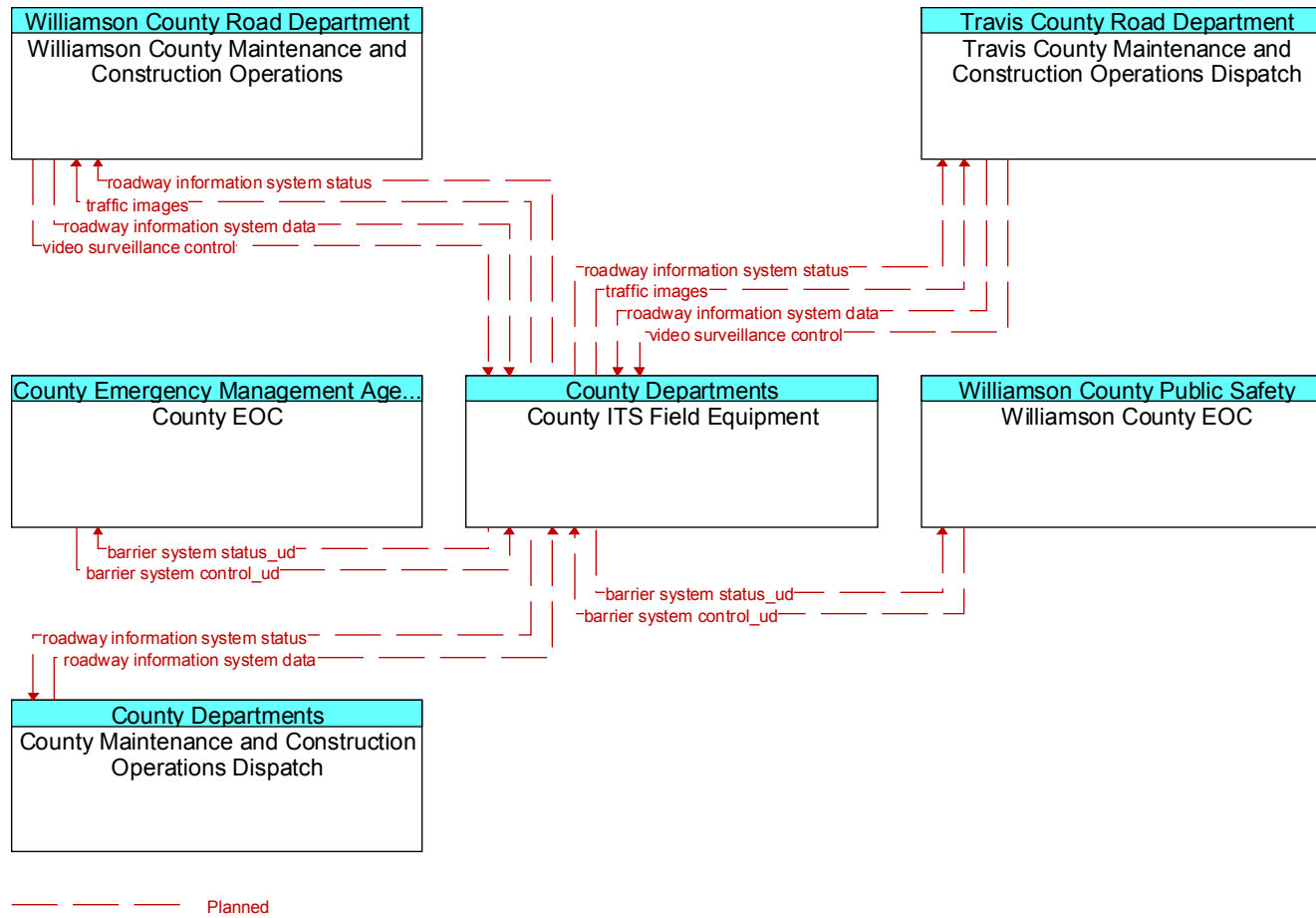
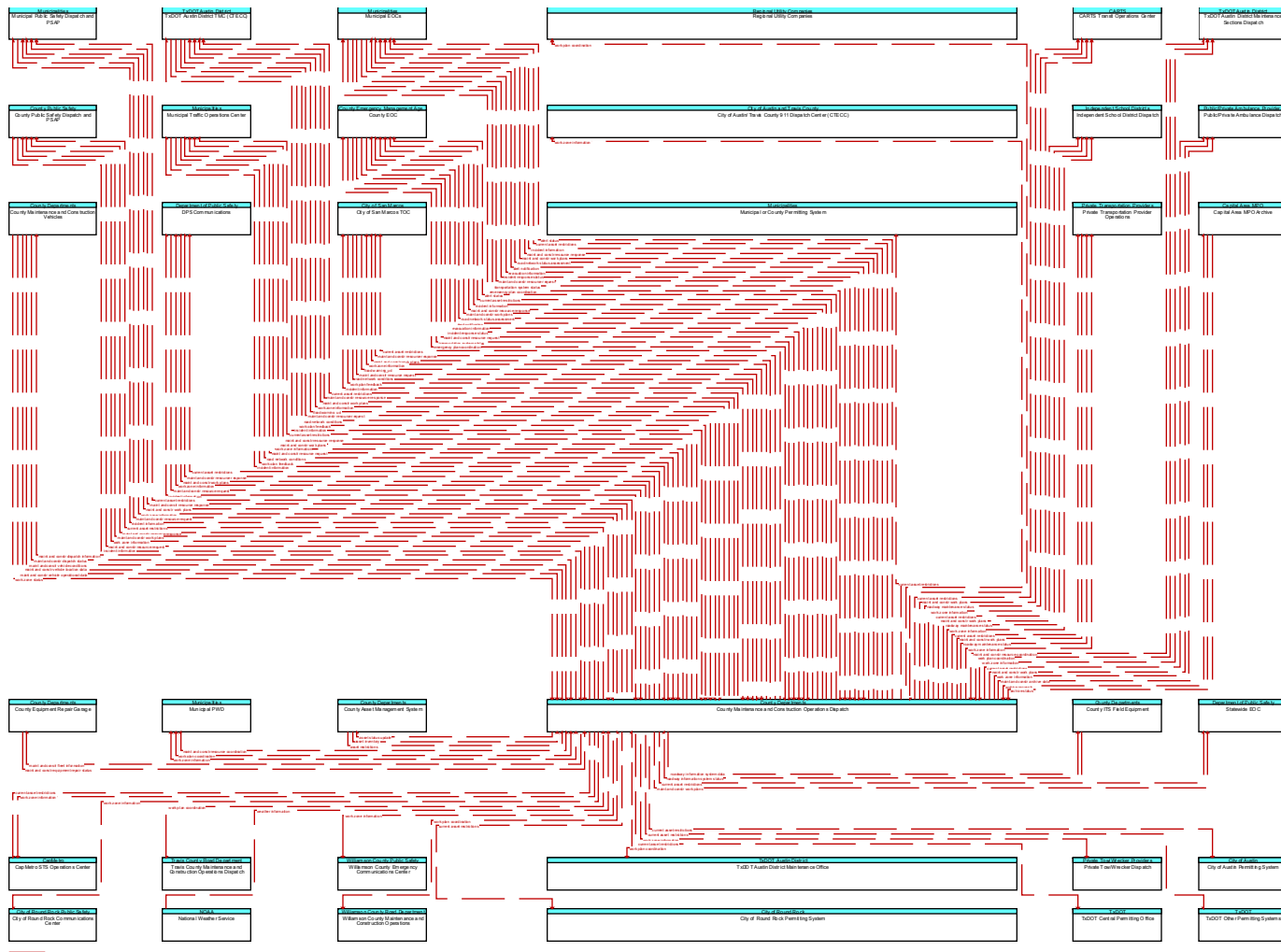


Figure D118 – County Maintenance and Construction Operations Dispatch Interfaces



Source Element	Destination Element	Flow	Status	
County Maintenance and Construction Operations Dispatch	Capital Area MPO Archive	maint and constr archive data	Planned	
	CapMetro STS Operations Center	current asset restrictions	Planned	
		work zone information	Planned	
	CARTS Transit Operations Center	current asset restrictions	Planned	
		maint and constr work plans	Planned	
		roadway maintenance status	Planned	
		work zone information	Planned	
	City of Austin Permitting System	current asset restrictions	Planned	
	City of Austin/Travis County 911 Dispatch Center (CTECC)	work zone information	Planned	
	City of Round Rock Communications Center	work zone information	Planned	
	City of Round Rock Permitting System	current asset restrictions	Planned	
	City of San Marcos TOC	current asset restrictions	Planned	
		incident information	Planned	
		maint and constr resource response	Planned	
		maint and constr work plans	Planned	
	County Asset Management System	work zone information	Planned	
		asset status update	Planned	
		County EOC	alert status	Planned
			current asset restrictions	Planned
	emergency plan coordination		Planned	
	incident information		Planned	
	maint and constr resource response		Planned	
	maint and constr work plans		Planned	
County Equipment Repair Garage	road network status assessment	Planned		
	maint and constr fleet information	Planned		
County ITS Field Equipment	roadway information system data	Planned		

Source Element	Destination Element	Flow	Status
County Maintenance and Construction Operations Dispatch (continued)	County Maintenance and Construction Vehicles	maint and constr dispatch information	Planned
	County Public Safety Dispatch and PSAP	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	DPS Communications	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Independent School District Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Municipal EOCs	alert status	Planned
		current asset restrictions	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
		road network status assessment	Planned
Municipal Public Safety Dispatch and PSAP	current asset restrictions	Planned	
	incident information	Planned	
	maint and constr resource response	Planned	
	maint and constr work plans	Planned	
	work zone information	Planned	



Source Element	Destination Element	Flow	Status	
County Maintenance and Construction Operations Dispatch (continued)	Municipal PWD	maint and constr resource coordination	Planned	
		work plan coordination	Planned	
		work zone information	Planned	
	Municipal Traffic Operations Center		current asset restrictions	Planned
			incident information	Planned
			maint and constr resource response	Planned
			maint and constr work plans	Planned
			work zone information	Planned
	Private Tow/Wrecker Dispatch		work zone information	Planned
	Private Transportation Provider Operations		current asset restrictions	Planned
			maint and constr work plans	Planned
			roadway maintenance status	Planned
			work zone information	Planned
	Public/Private Ambulance Dispatch		current asset restrictions	Planned
			maint and constr work plans	Planned
			work zone information	Planned
	Regional Utility Companies		work plan coordination	Planned
	Statewide EOC		current asset restrictions	Planned
			maint and constr work plans	Planned
	Travis County Maintenance and Construction Operations Dispatch		work plan coordination	Planned
	TxDOT Austin District Maintenance Office		work plan coordination	Planned
TxDOT Austin District Maintenance Sections Dispatch		maint and constr resource coordination	Planned	
		work plan coordination	Planned	
		work zone information	Planned	
TxDOT Austin District TMC (CTECC)		current asset restrictions	Planned	
		incident information	Planned	
		maint and constr resource response	Planned	

Source Element	Destination Element	Flow	Status
County Maintenance and Construction Operations Dispatch (continued)	TxDOT Austin District TMC (CTECC)	maint and constr work plans	Planned
		work zone information	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned
	Williamson County Emergency Communications Center	work zone information	Planned
	Williamson County Maintenance and Construction Operations	work plan coordination	Planned

Figure D119 – County Maintenance and Construction Vehicles Interfaces

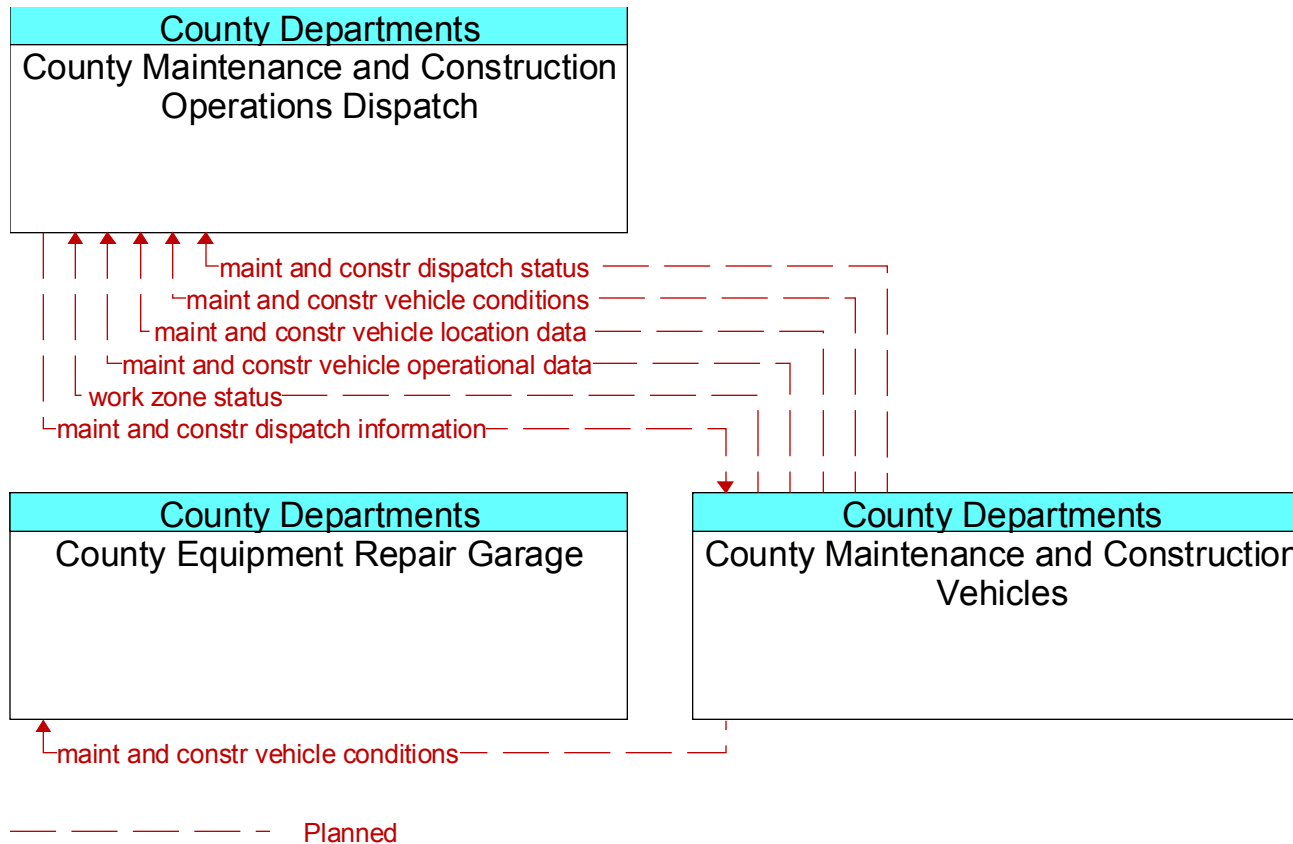
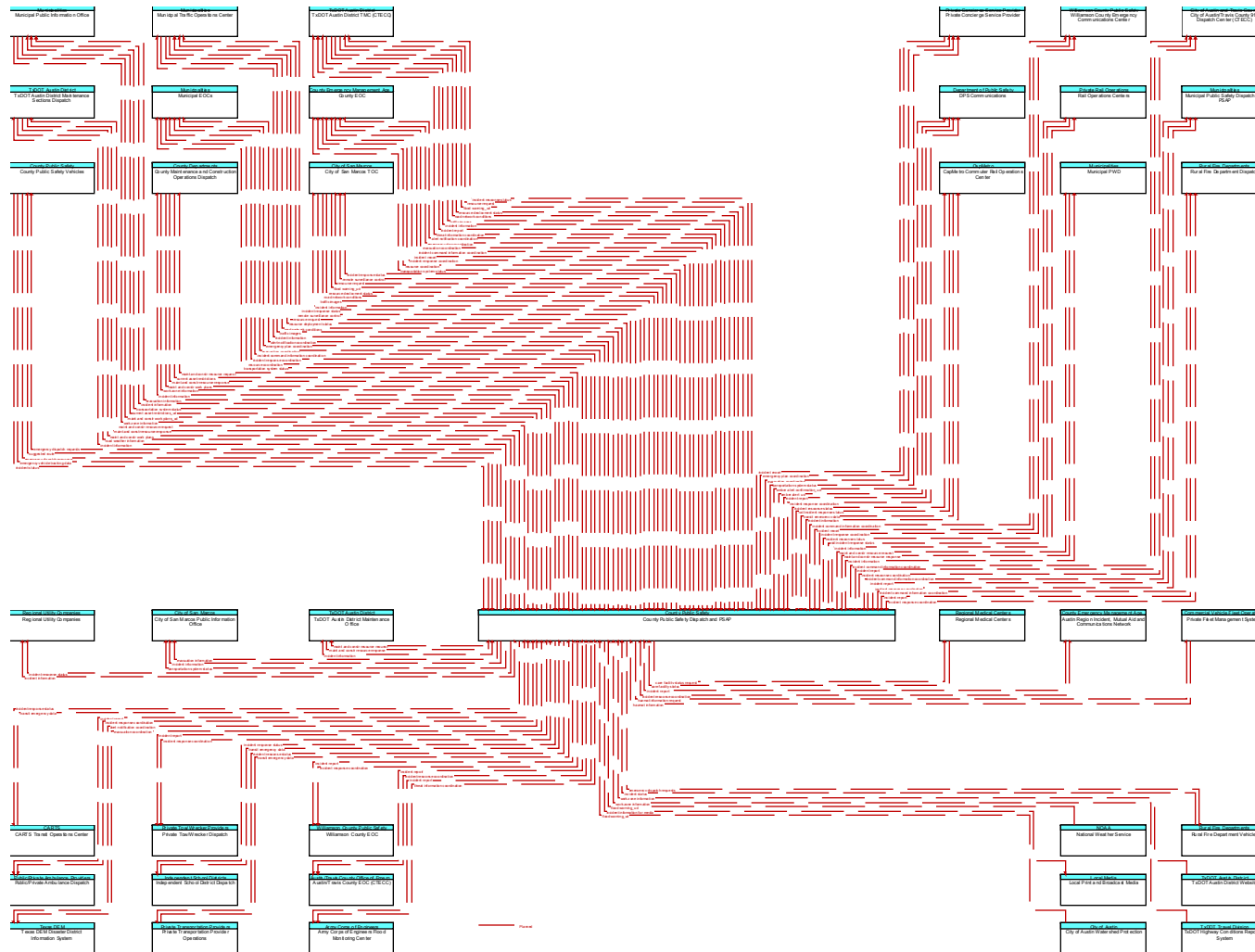


Figure D120 – County Public Safety Dispatch and PSAP Interfaces



Source Element	Destination Element	Flow	Status
County Public Safety Dispatch and PSAP	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	incident report	Planned
		incident response coordination	Planned
	CapMetro Commuter Rail Operations Center	incident information	Planned
		incident response status	Planned
	CARTS Transit Operations Center	incident response status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	City of San Marcos Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of San Marcos TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	County EOC	alert notification coordination	Planned
emergency plan coordination		Planned	
evacuation coordination		Planned	
incident command information coordination		Planned	
incident report		Planned	
incident response coordination		Planned	
resource coordination		Planned	
transportation system status	Planned		

Source Element	Destination Element	Flow	Status
County Public Safety Dispatch and PSAP (continued)	County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
	County Public Safety Vehicles	emergency dispatch requests	Planned
		suggested route	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
	Independent School District Dispatch	incident response status	Planned
	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Municipal Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Municipal PWD	incident information	Planned
		maint and constr resource request	Planned
	Municipal Traffic Operations Center	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned

Source Element	Destination Element	Flow	Status
County Public Safety Dispatch and PSAP (continued)	Municipal Traffic Operations Center (continued)	resource request	Planned
	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Fleet Management Systems	hazmat information request	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	incident response status	Planned
	Public/Private Ambulance Dispatch	incident report	Planned
		incident response coordination	Planned
	Rail Operations Centers	incident information	Planned
		incident response status	Planned
	Regional Medical Centers	care facility status request	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Rural Fire Department Vehicles	emergency dispatch requests	Planned
	Texas DEM Disaster District Information System	alert notification coordination	Planned
		evacuation coordination	Planned
	TxDOT Austin District Maintenance Office	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Planned
		incident report	Planned
		incident response status	Planned

Source Element	Destination Element	Flow	Status
County Public Safety Dispatch and PSAP (continued)	TxDOT Austin District TMC (CTECC) (continued)	resource request	Planned
		threat information coordination	Planned
	Williamson County Emergency Communications Center	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Williamson County EOC	incident report	Planned
incident response coordination		Planned	



Figure D121 – County Public Safety Vehicles Interfaces

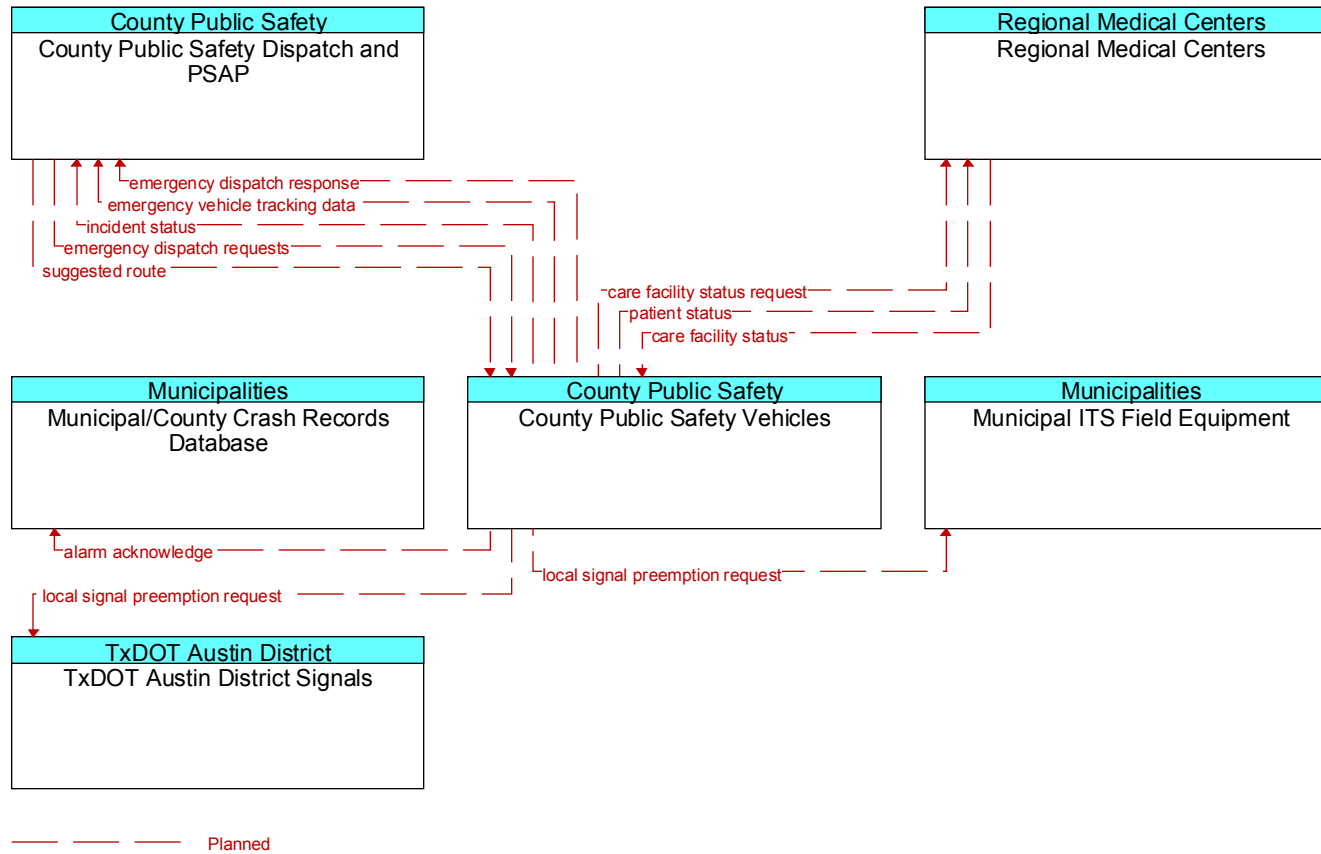


Figure D122 – CTRMA CCTV Interfaces

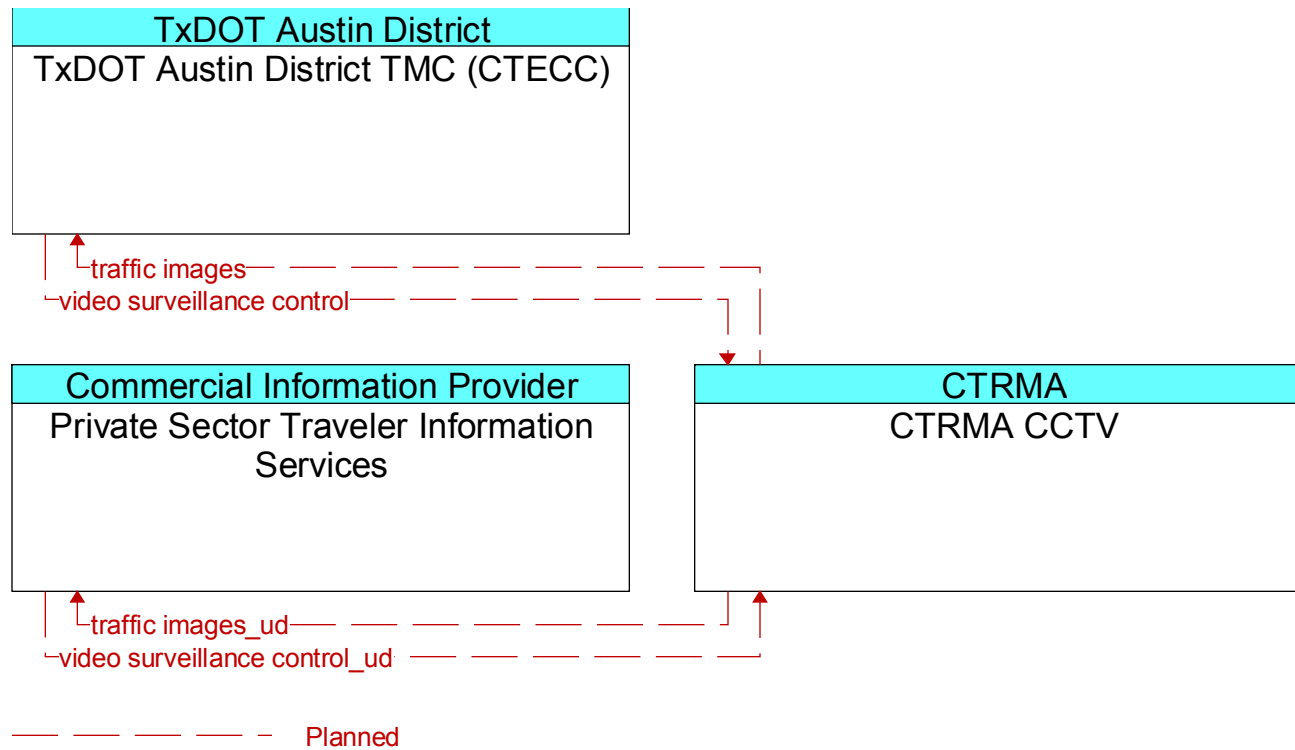


Figure D123 – CTRMA DMS Interfaces

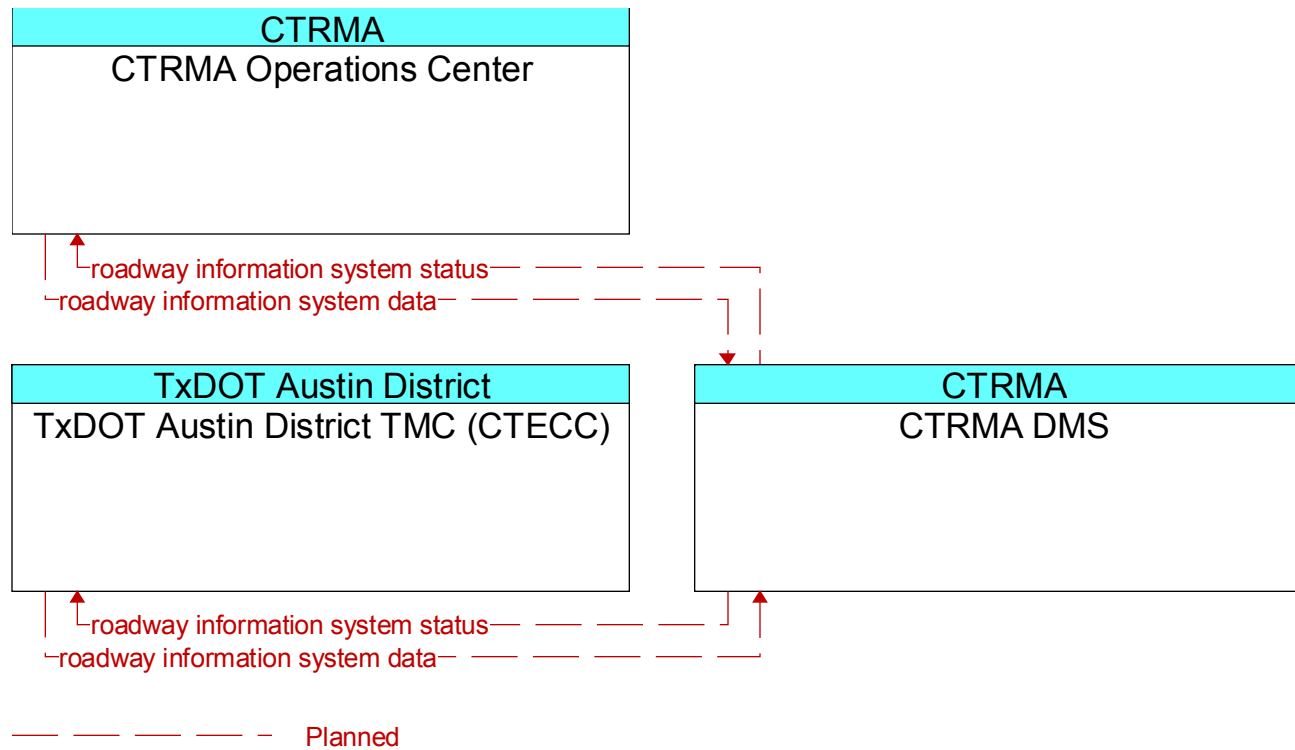


Figure D124 – CTRMA Field Sensors Interfaces

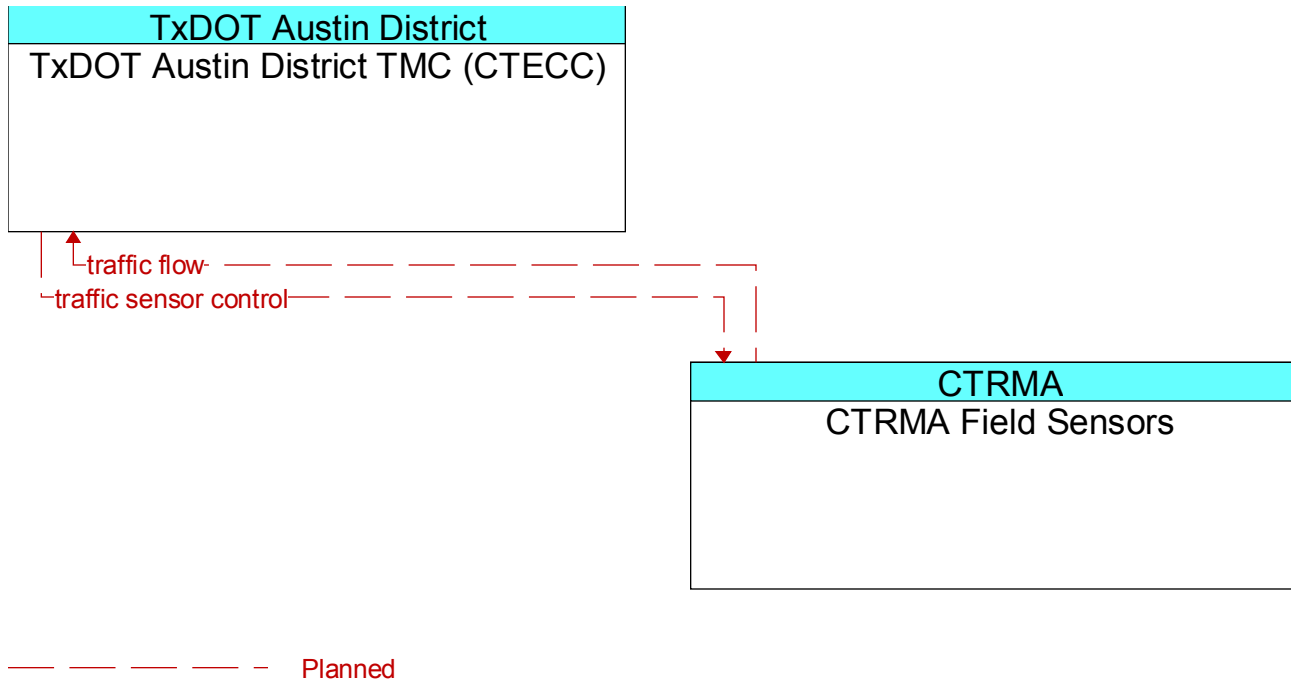


Figure D125 – CTRMA Operations Center Interfaces

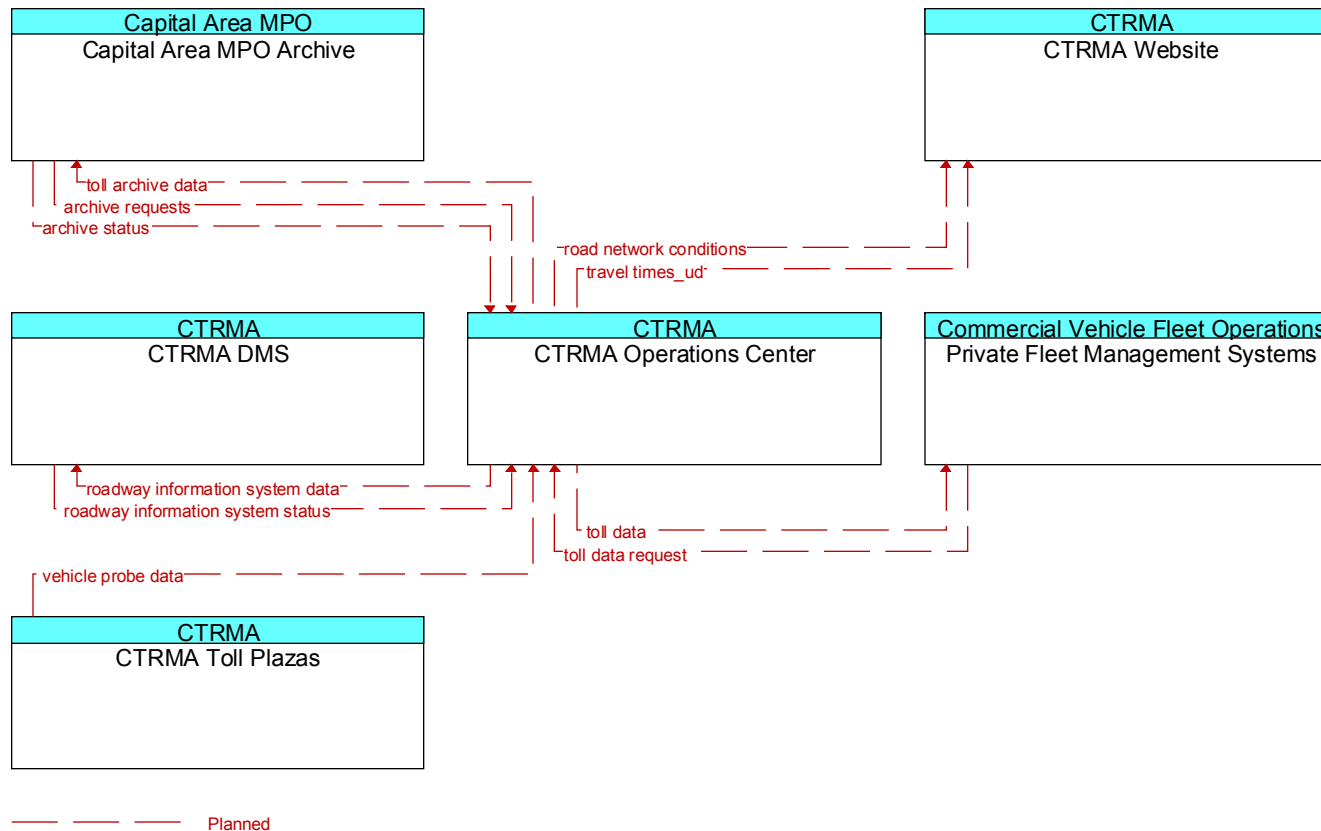


Figure D126 – CTRMA Toll Collection SmartHUB Interfaces

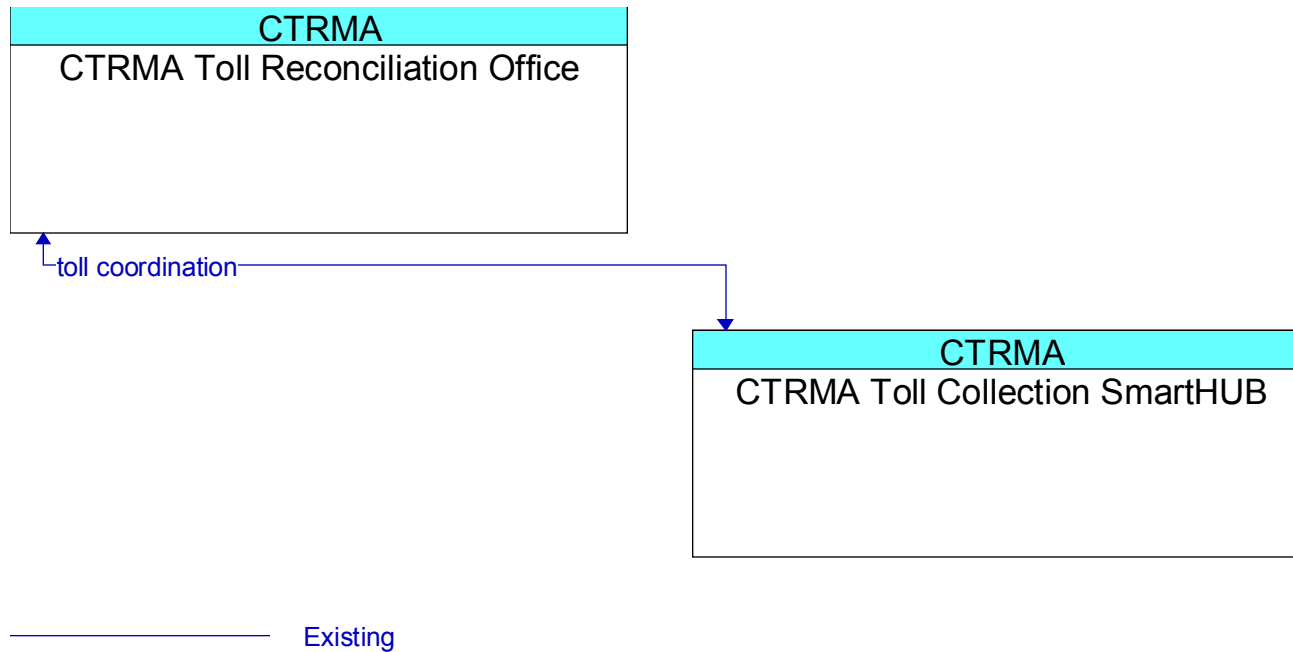


Figure D127 – CTRMA Toll Plazas Interfaces

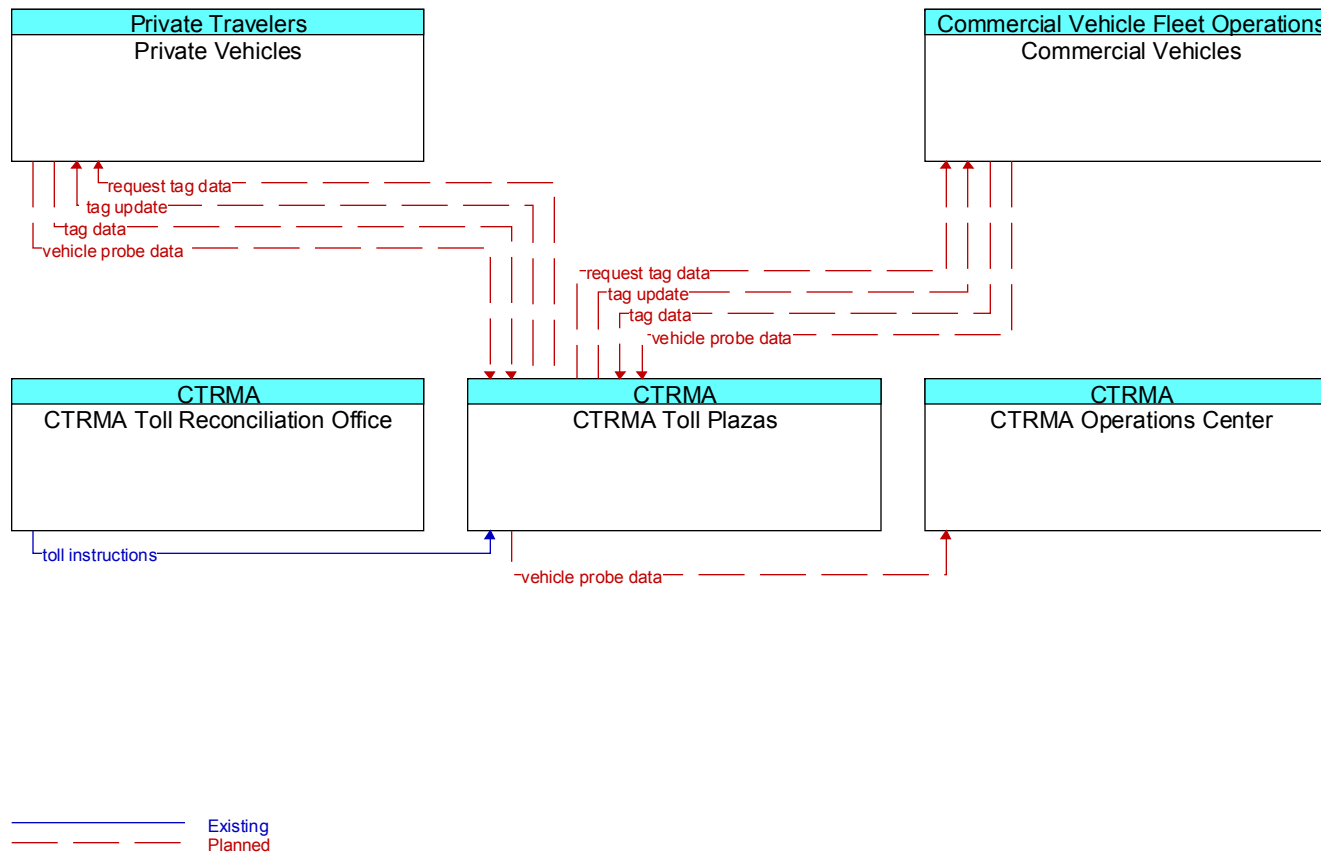


Figure D128 – CTRMA Toll Reconciliation Office Interfaces

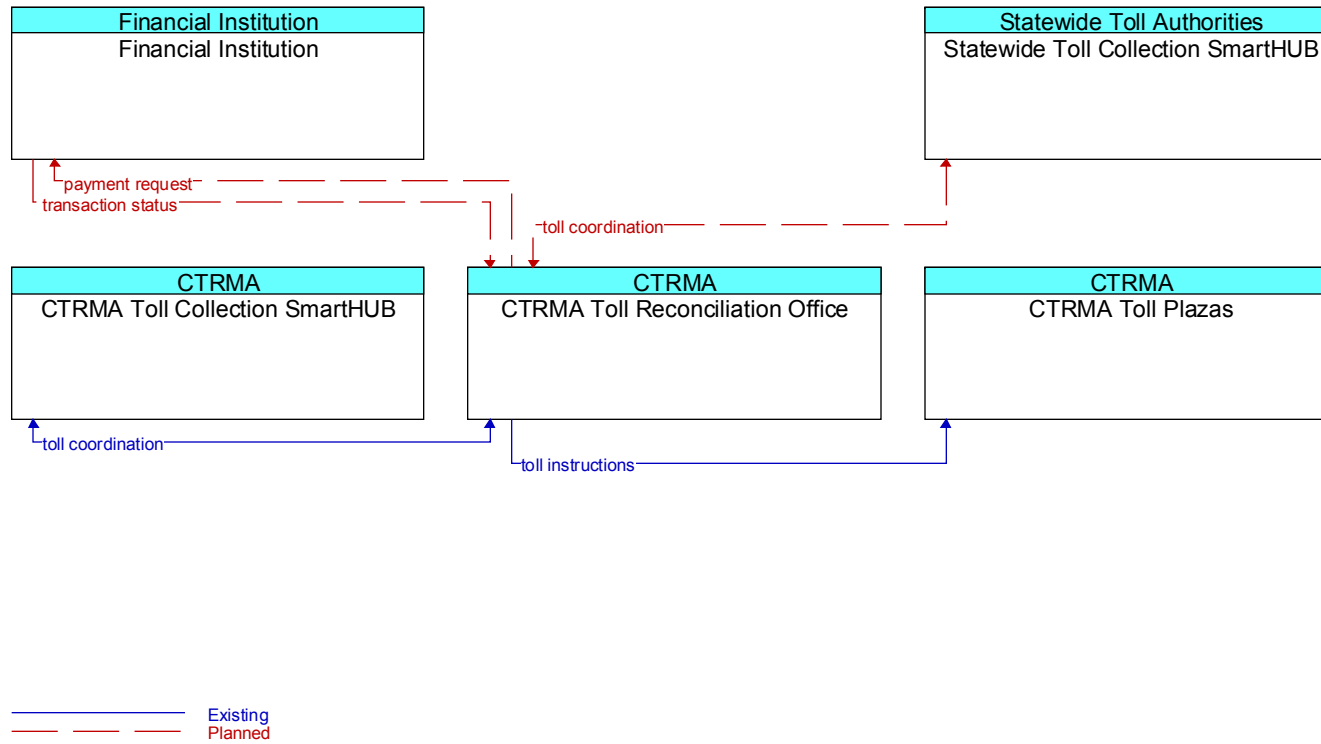




Figure D129 – CTRMA Website Interfaces

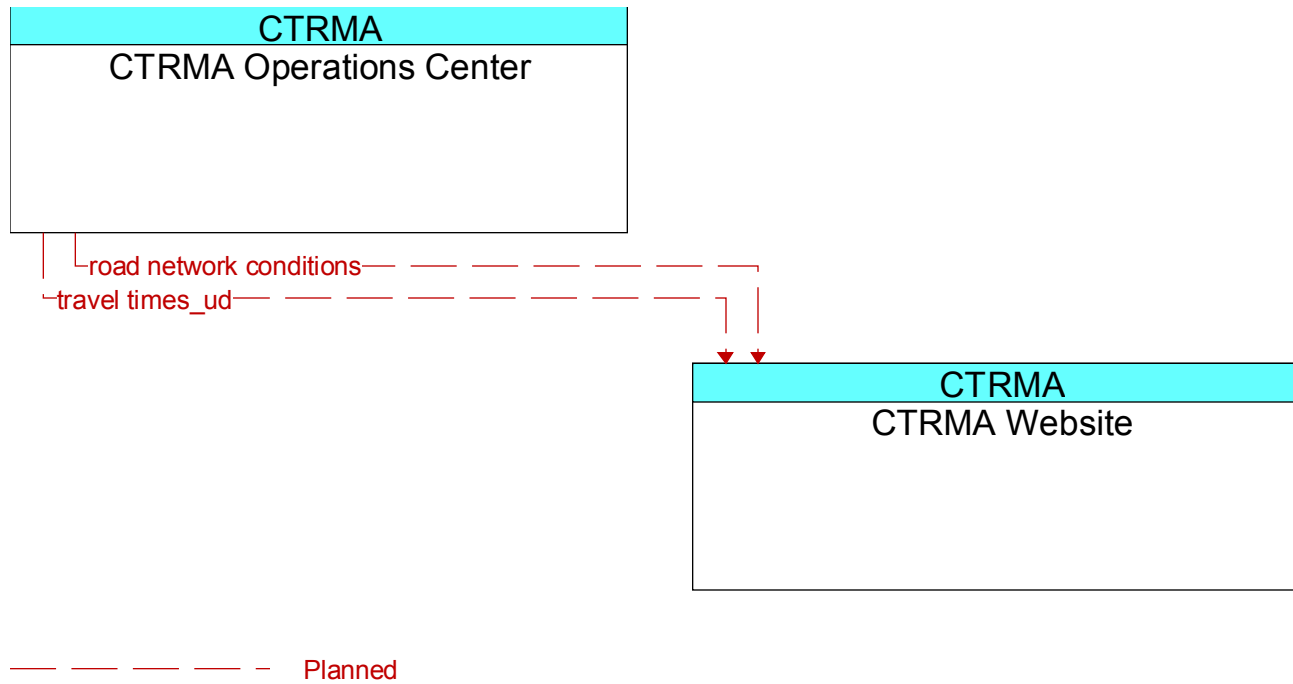


Figure D130 – DPS and Other Public Safety Spectrum Systems Interfaces

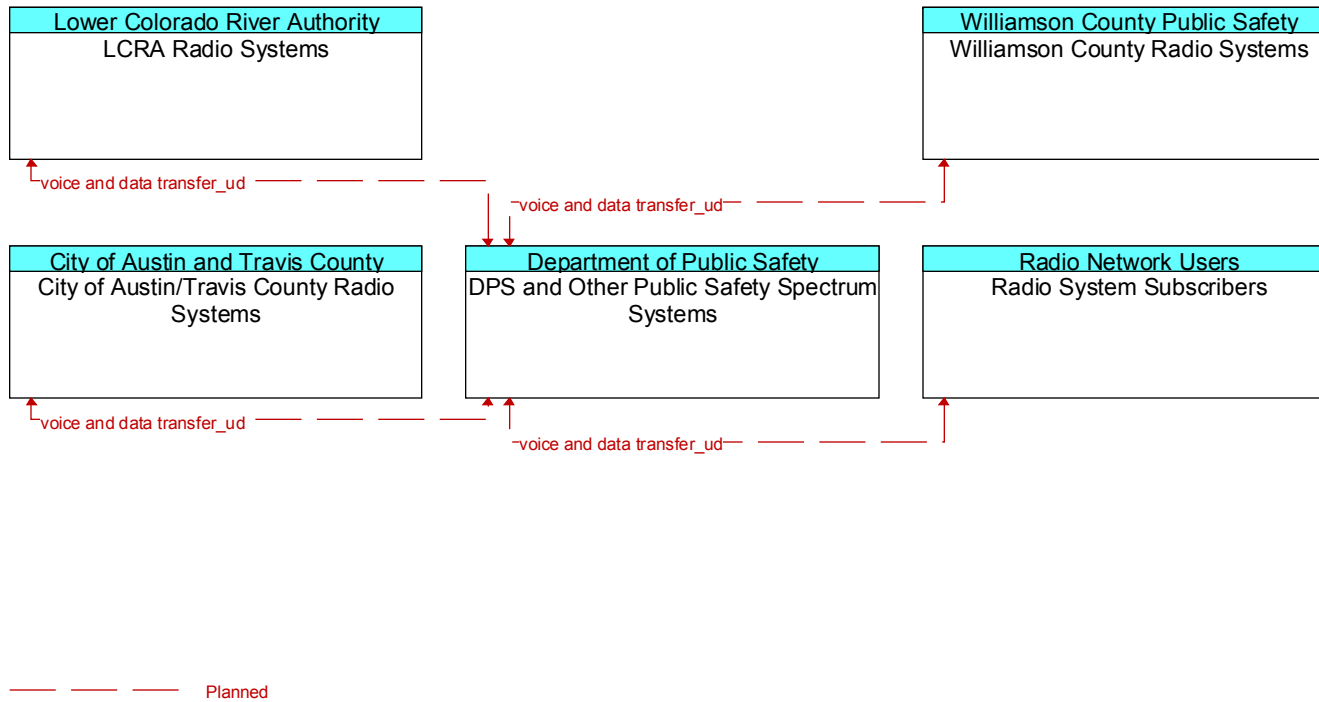
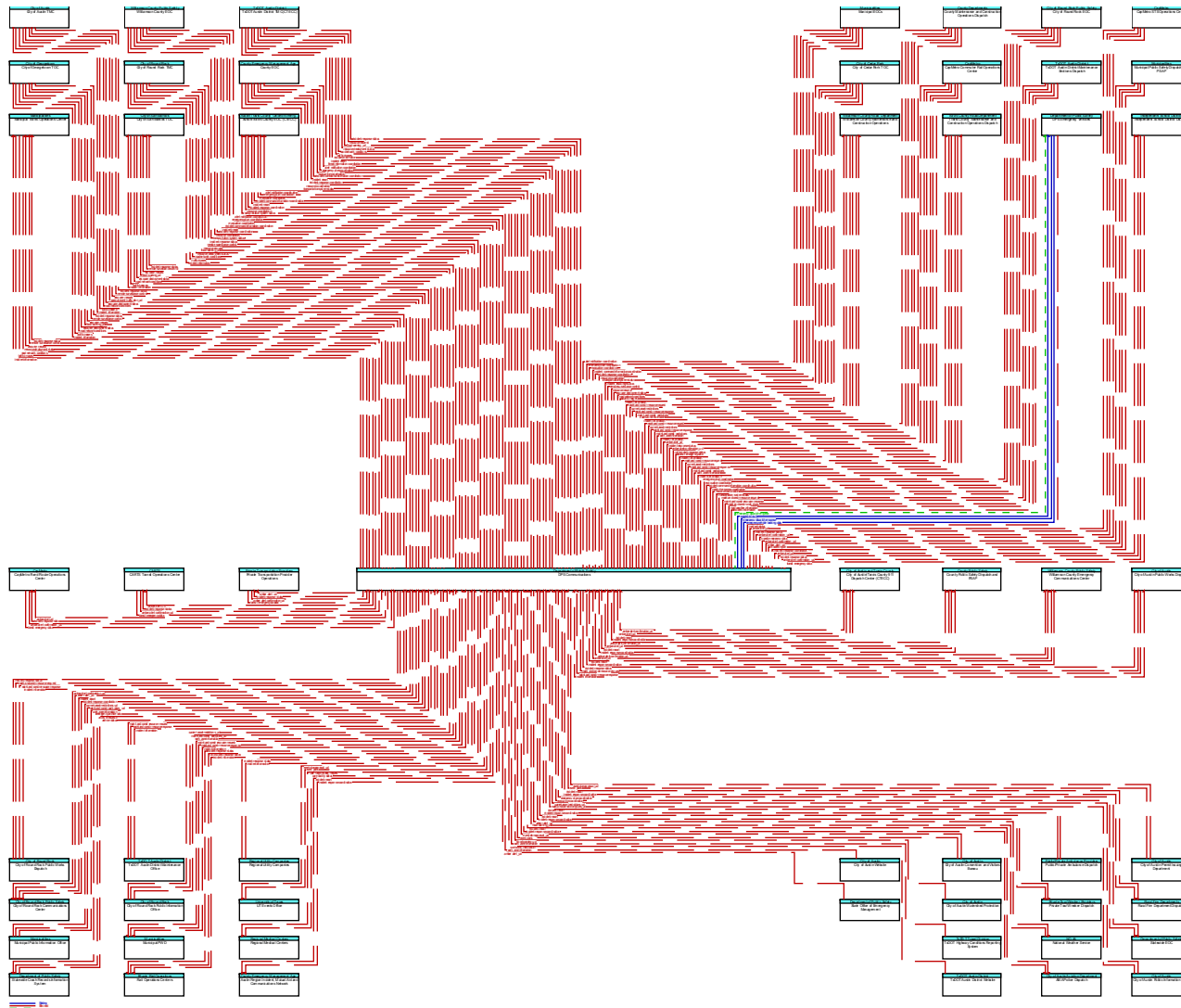


Figure D131 – DPS Communications Interfaces



Source Element	Destination Element	Flow	Status
DPS Communications	ABIA Police Dispatch	incident report	Planned
		incident response coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	amber alert_ud	Planned
		incident information	Planned
		incident response status	Planned
	CapMetro Fixed Route Operations Center	amber alert_ud	Planned
		incident response status	Planned
	CapMetro STS Operations Center	amber alert_ud	Planned
		incident response status	Planned
	CARTS Transit Operations Center	amber alert_ud	Planned
		incident response status	Planned
	City of Austin Convention and Visitors Bureau	event plan approval_ud	Planned
	City of Austin Permit Issuing Department	event plan approval_ud	Planned
City of Austin Public Works Dispatch	incident information	Planned	
	incident response status	Planned	
	maint and constr resource request	Planned	

Source Element	Destination Element	Flow	Status
DPS Communications (continued)	City of Austin TMC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
		special event traffic plan_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
	City of Cedar Park TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	City of Georgetown TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	City of Round Rock Communications Center	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
City of Round Rock EOC	emergency plan coordination	Planned	
	evacuation coordination	Planned	
	incident command information coordination	Planned	
	incident response coordination	Planned	
	resource coordination	Planned	
	transportation system status	Planned	

Source Element	Destination Element	Flow	Status
DPS Communications (continued)	City of Round Rock Public Works Dispatch	incident information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
	City of Round Rock TMC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	City of San Marcos TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
County Public Safety Dispatch and PSAP	amber alert confirmation_ud	Planned	
	amber alert_ud	Planned	
	incident report	Planned	
	incident response coordination	Planned	
DPS Emergency Vehicles	emergency dispatch requests	Existing/ Planned	
	suggested route	Existing	

Source Element	Destination Element	Flow	Status
DPS Communications (continued)	Independent School District Dispatch	amber alert_ud	Planned
		incident response status	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
	Municipal PWD	incident information	Planned
		maint and constr resource request	Planned
	Municipal Traffic Operations Center	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	National Weather Service	amber alert_ud	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	amber alert_ud	Planned
		incident response status	Planned
	Public/Private Ambulance Dispatch	incident report	Planned
		incident response coordination	Planned
	Rail Operations Centers	incident information	Planned
incident response status		Planned	

Source Element	Destination Element	Flow	Status
DPS Communications (continued)	Regional Medical Centers	care facility status request	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident report	Planned
		incident response coordination	Planned
	Statewide Crash Records Information System	emergency archive data	Planned
	Statewide EOC	emergency plan coordination	Planned
		evacuation coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Office	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Planned
		incident report	Planned
		incident response status	Planned
		resource request	Planned
		threat information coordination	Planned
	UT Events Office	event plan approval_ud	Planned
	Williamson County Emergency Communications Center	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
Williamson County EOC	alert notification coordination	Planned	
	emergency plan coordination	Planned	
	evacuation coordination	Planned	
	incident command information coordination	Planned	



Source Element	Destination Element	Flow	Status
DPS Communications (continued)	Williamson County EOC (continued)	incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County Maintenance and Construction Operations	incident information	Planned
		maint and constr resource request	Planned

Figure D132 – DPS Emergency Vehicles Interfaces

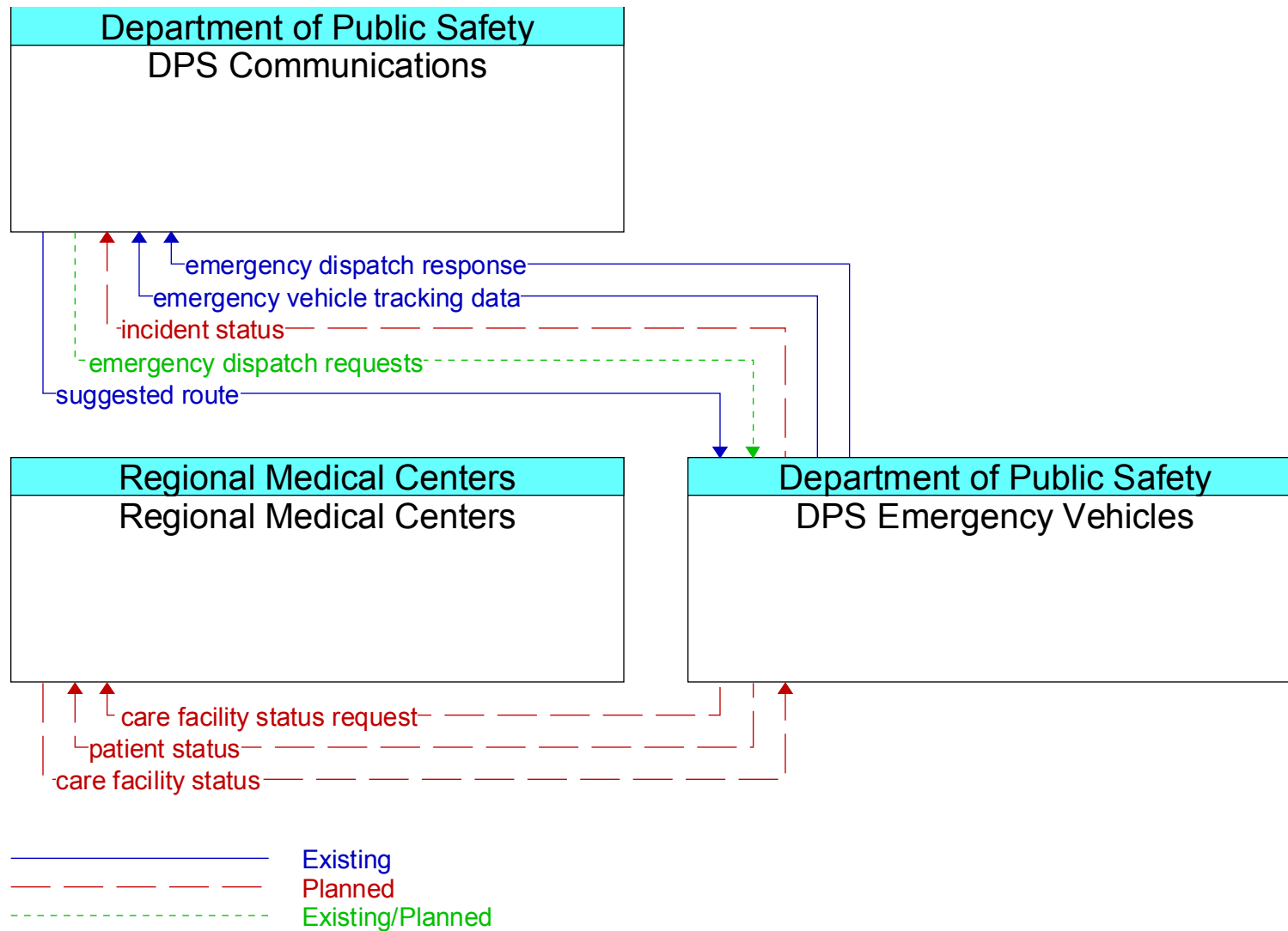


Figure D133 – Financial Institution Interfaces

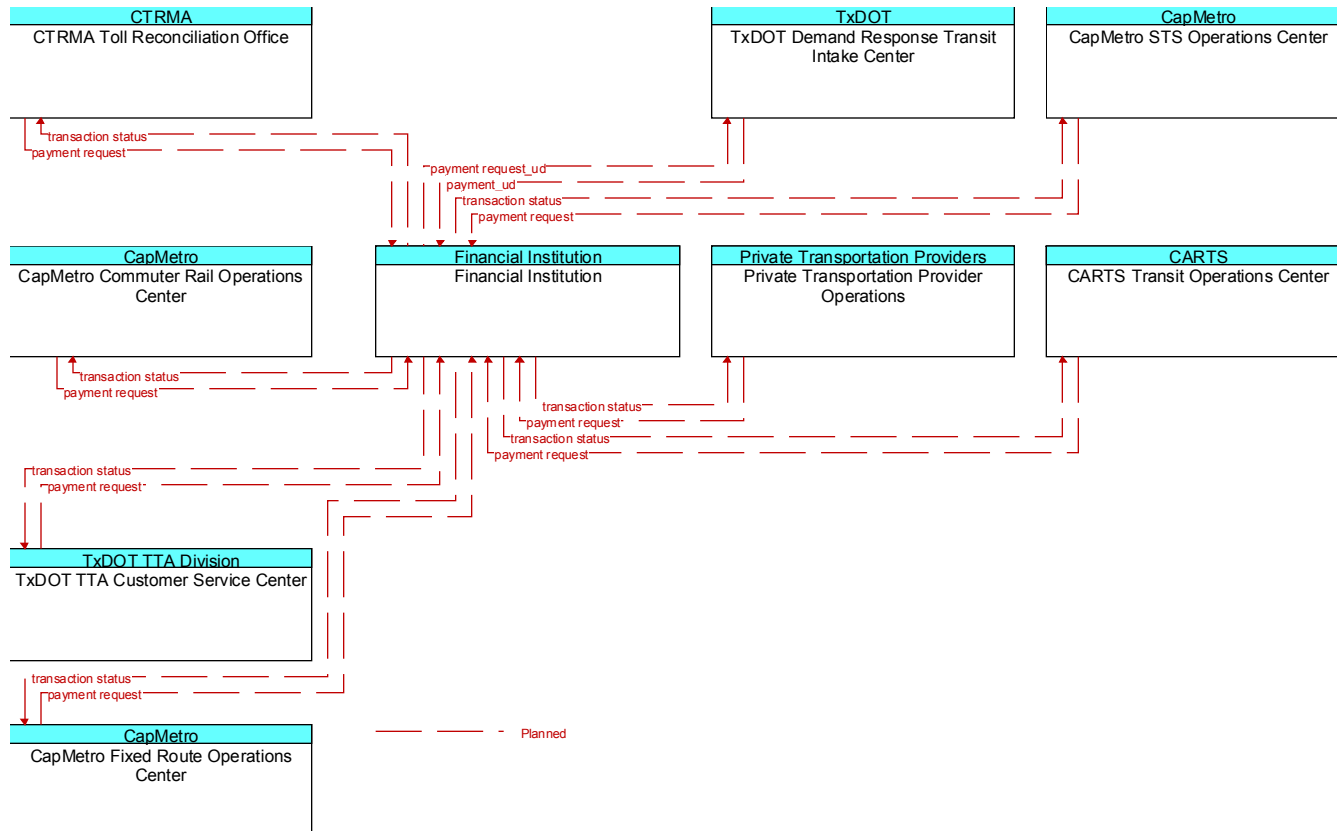


Figure D134 – Hays County Radio Systems Interfaces

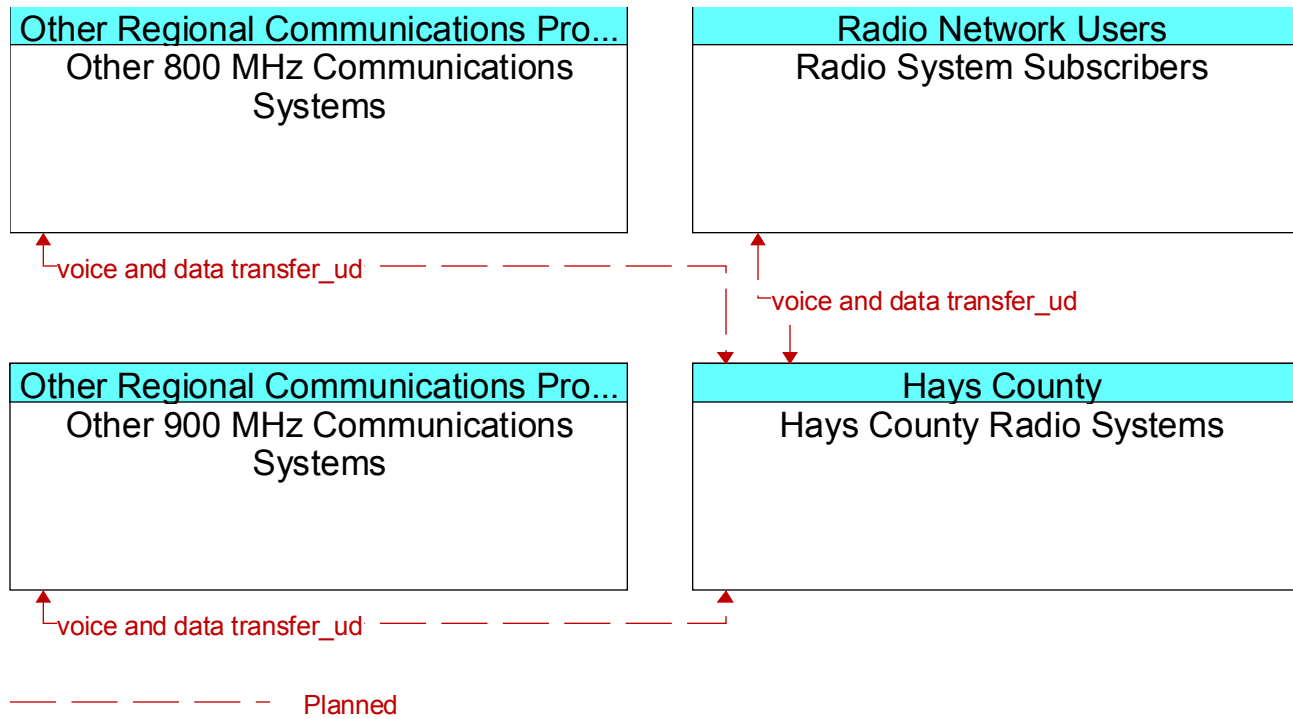
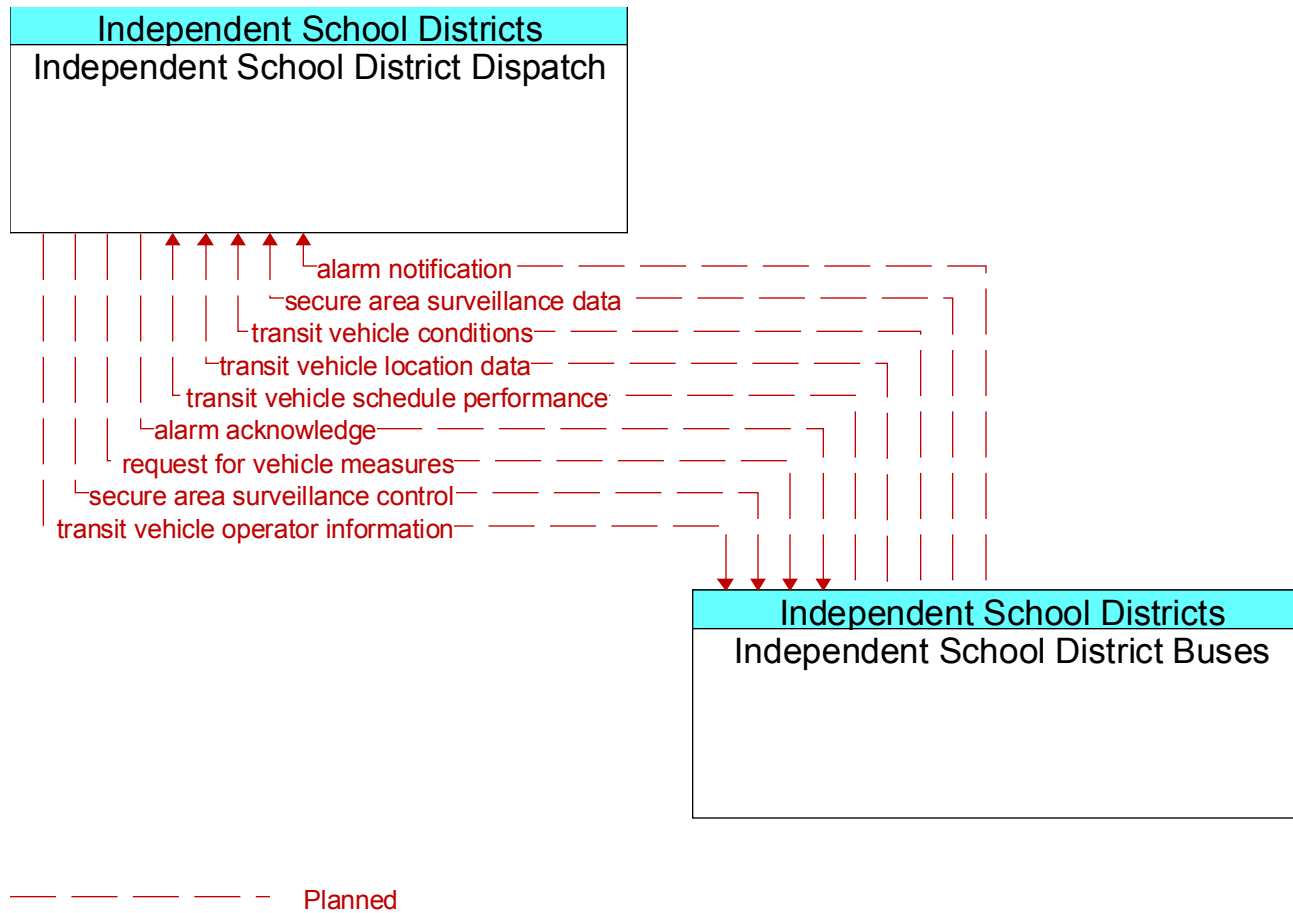
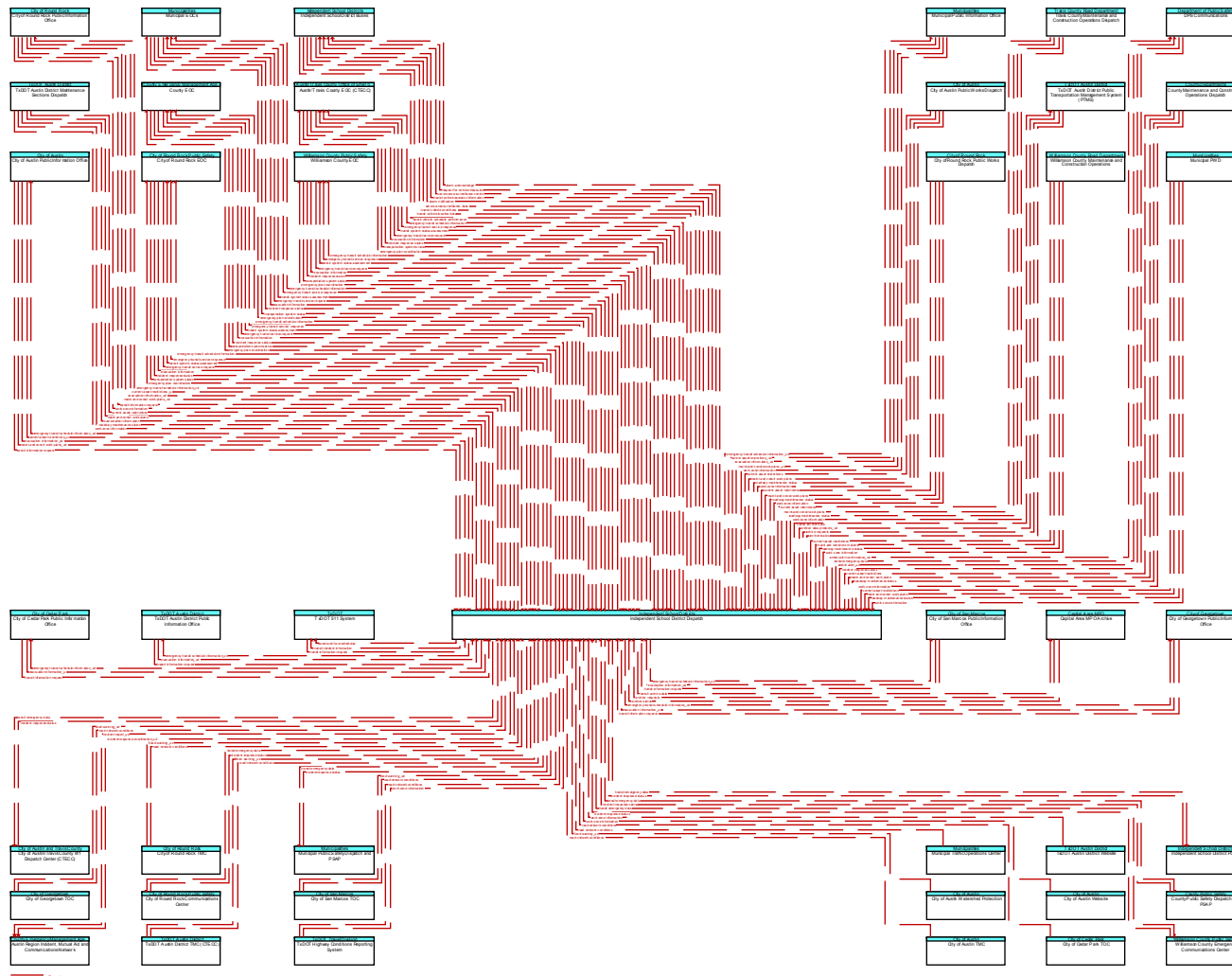


Figure D135 – Independent School District Buses Interfaces



**Figure D136 – Independent School District Dispatch Interfaces**



Source Element	Destination Element	Flow	Status
Independent School District Dispatch	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Capital Area MPO Archive	transit archive data	Planned
	City of Austin Public Information Office	emergency transit schedule information_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	transit emergency data	Planned
	City of Cedar Park Public Information Office	emergency transit schedule information_ud	Planned
	City of Georgetown Public Information Office	emergency transit schedule information_ud	Planned
	City of Round Rock Communications Center	transit emergency data	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	City of Round Rock Public Information Office	emergency transit schedule information_ud	Planned
		emergency transit schedule information_ud	Planned
	County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
emergency transit service response		Planned	
transit system status assessment		Planned	
County Public Safety Dispatch and PSAP	transit emergency data	Planned	
DPS Communications	amber alert confirmation_ud	Planned	
	transit emergency data	Planned	

Source Element	Destination Element	Flow	Status
Independent School District Dispatch (continued)	Independent School District Buses	alarm acknowledge	Planned
		request for vehicle measures	Planned
		secure area surveillance control	Planned
		transit vehicle operator information	Planned
	Independent School District Police	transit emergency data	Planned
	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Municipal Public Information Office	emergency transit schedule information_ud	Planned
	Municipal Public Safety Dispatch and PSAP	transit emergency data	Planned
	TxDOT 511 System	transit and fare schedules	Planned
		transit incident information	Planned
	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	Williamson County Emergency Communications Center	transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
emergency transit schedule information		Planned	
emergency transit service response		Planned	
transit system status assessment		Planned	



Figure D137 – Independent School District Police Interfaces

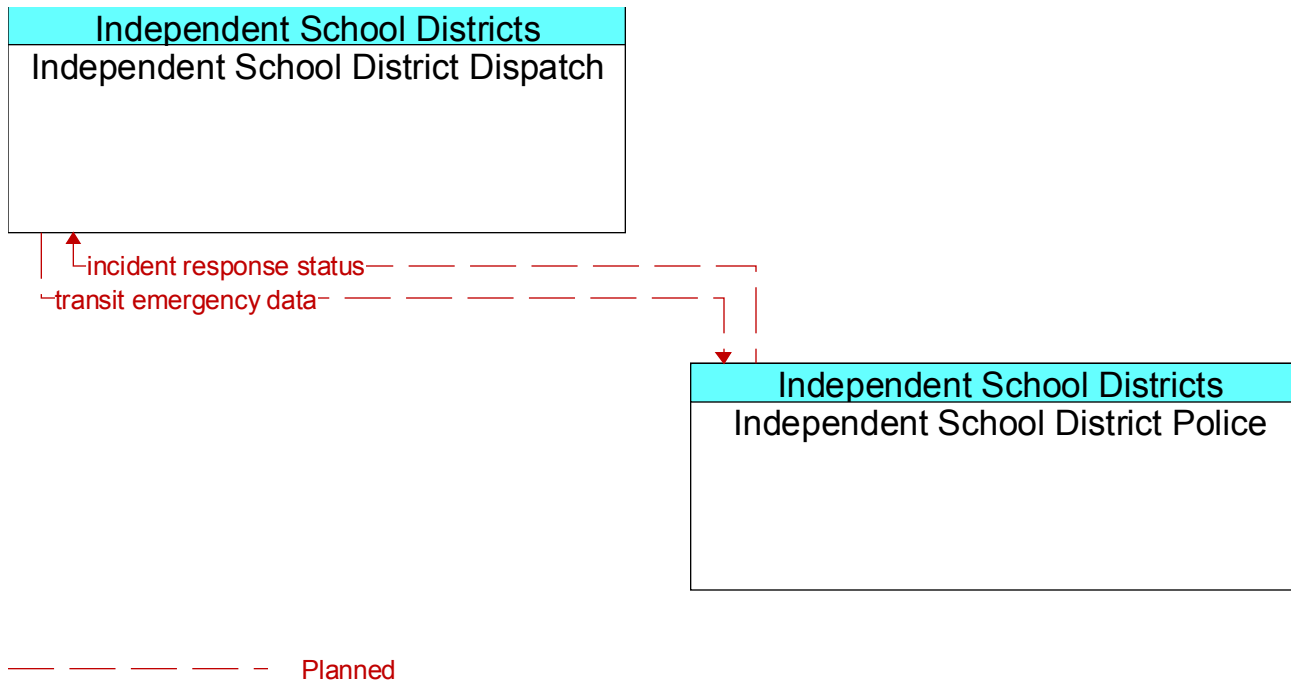


Figure D138 – Intercity Buses Interfaces

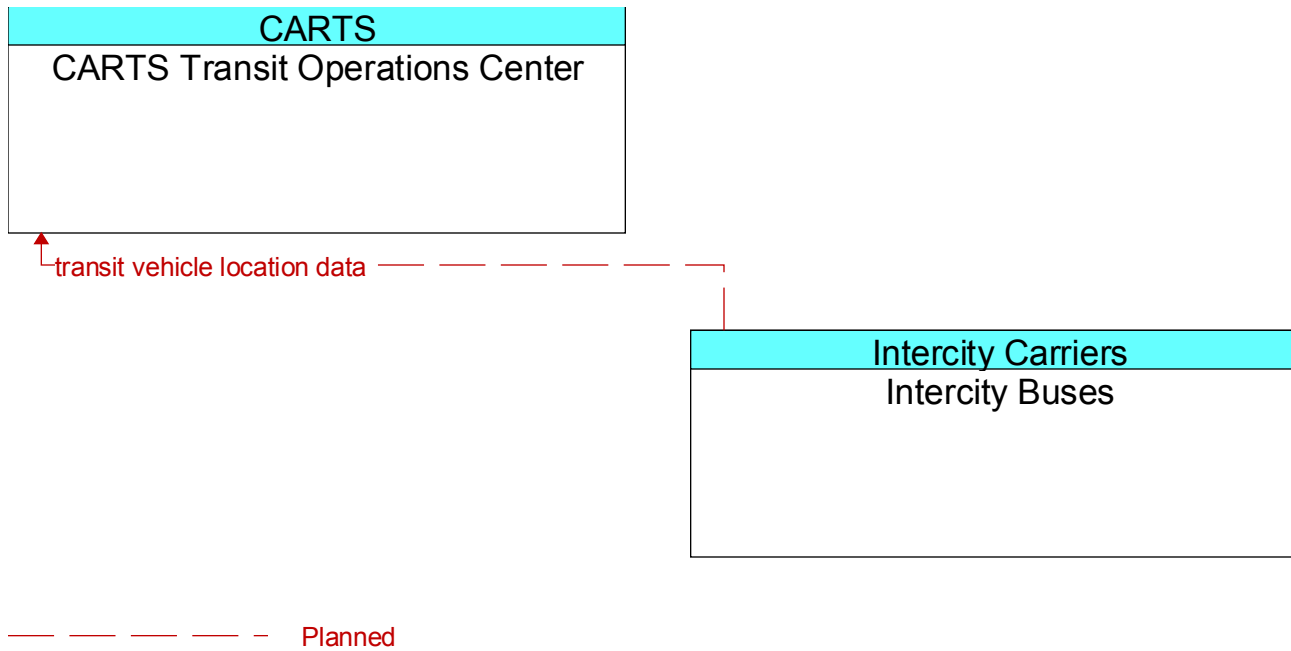


Figure D139 – Intercity Carrier Dispatch Interfaces

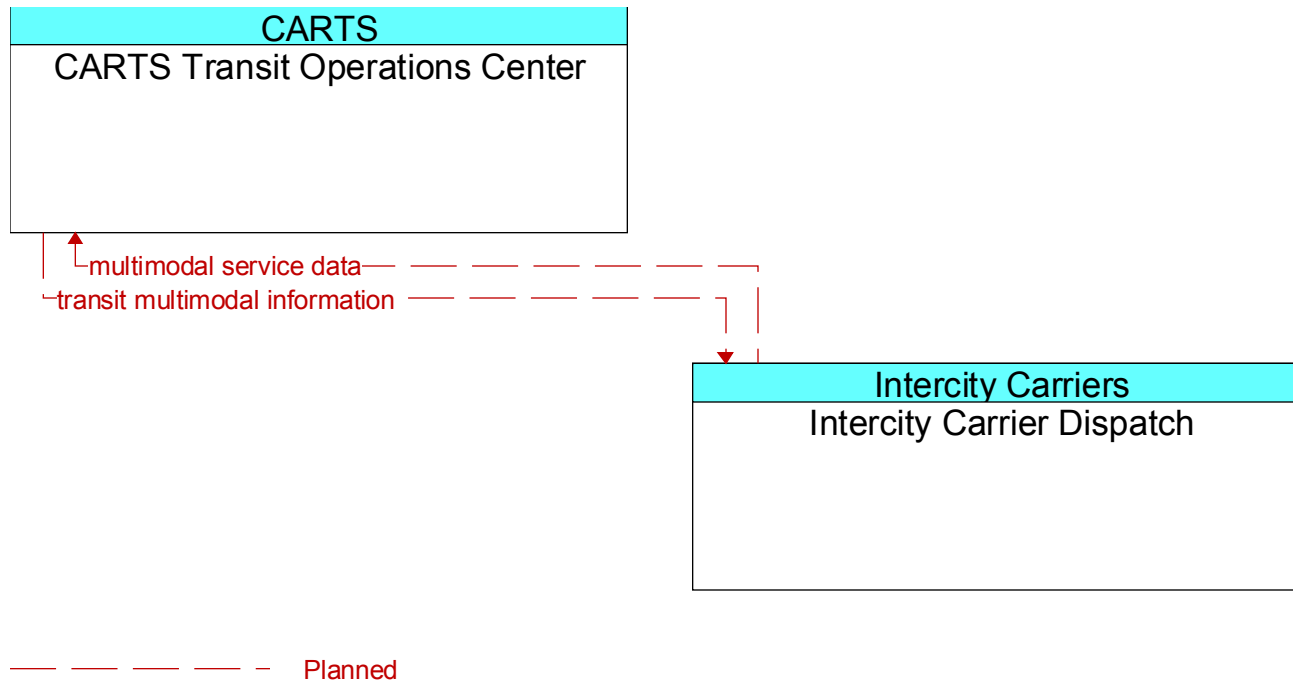


Figure D140 – LCRA Flood Monitoring Center Interfaces

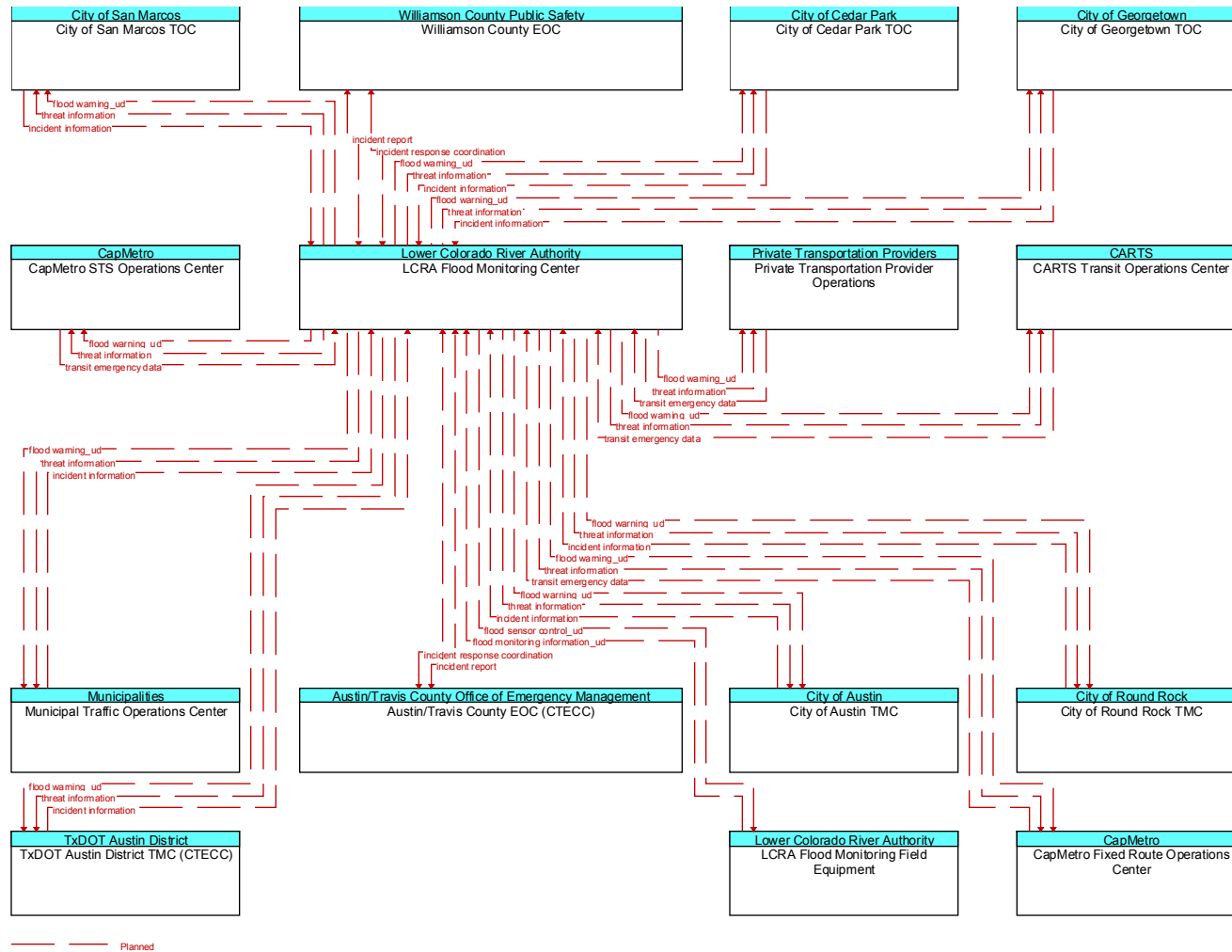


Figure D141 – LCRA Flood Monitoring Field Equipment Interfaces

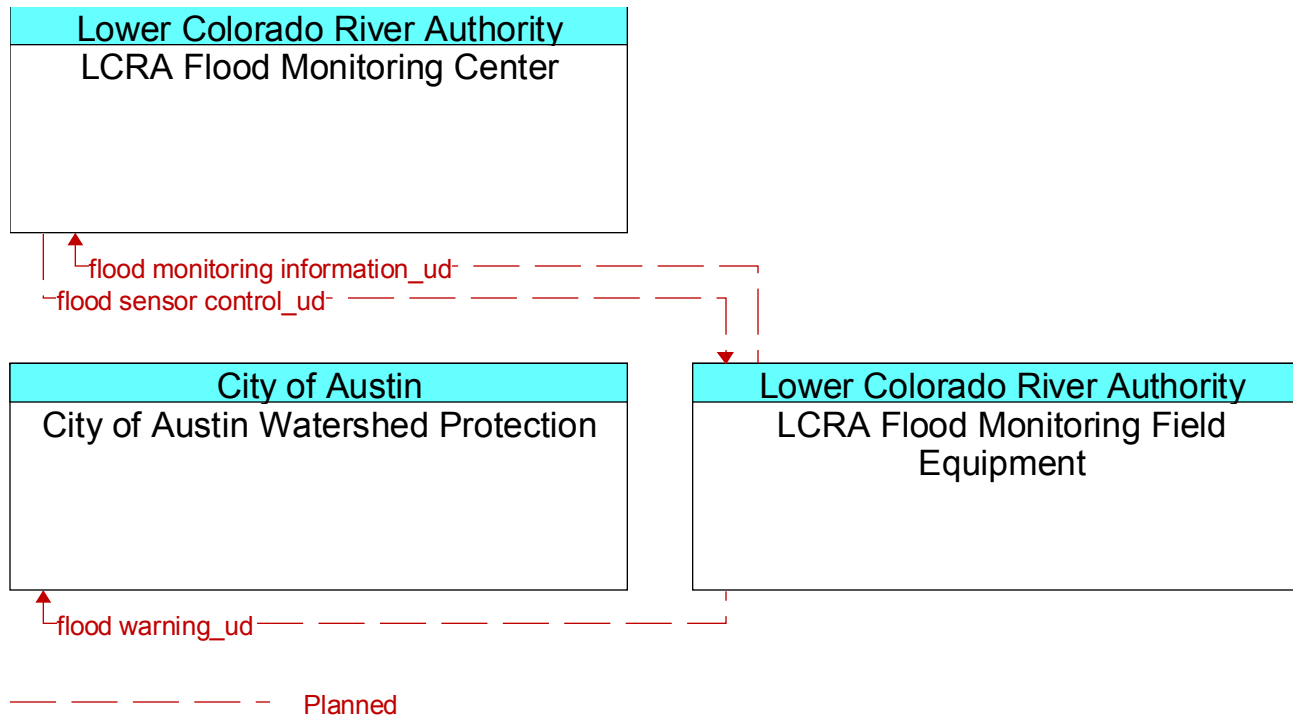


Figure D142 – LCRA Radio Systems Interfaces

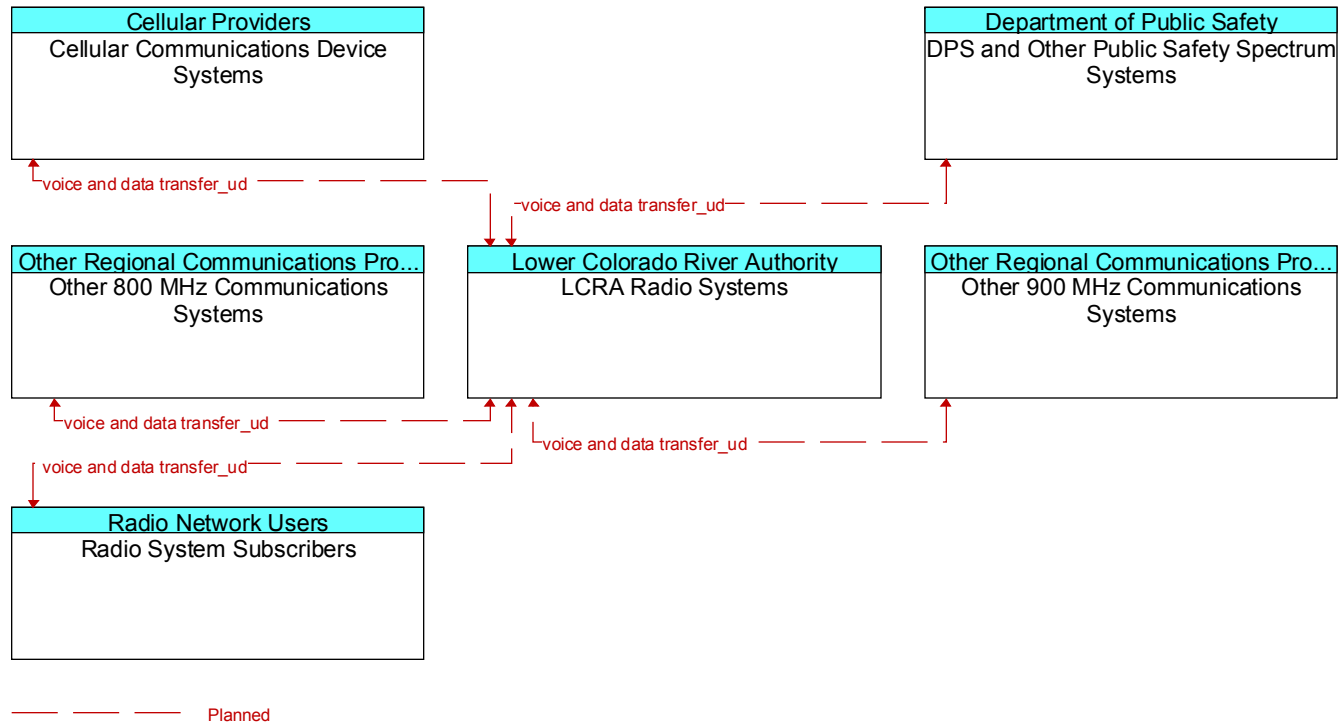


Figure D143 – Local Print and Broadcast Media Interfaces

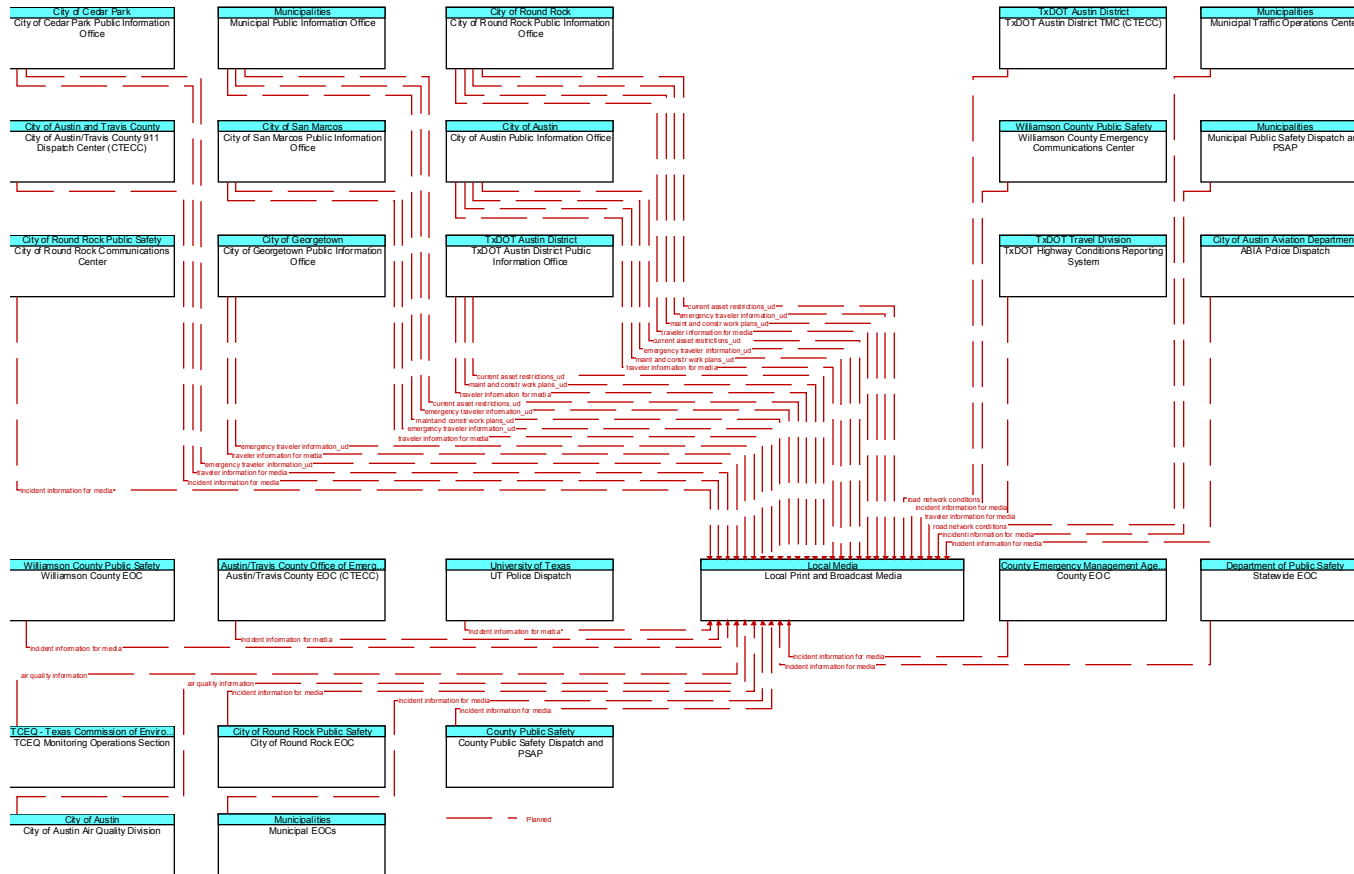


Figure D144 – Municipal Asset Management System Interfaces

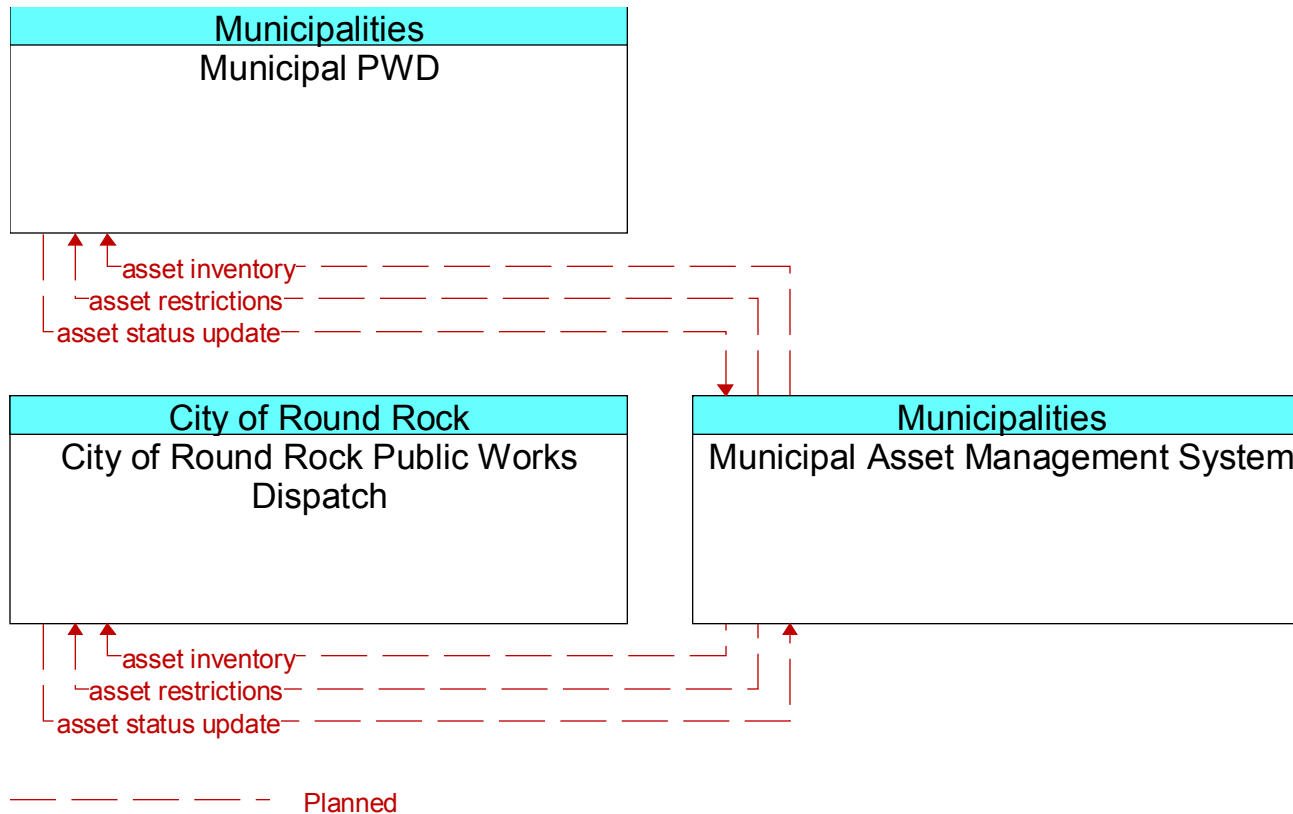




Figure D145 – Municipal Convention and Visitors Bureau Interfaces

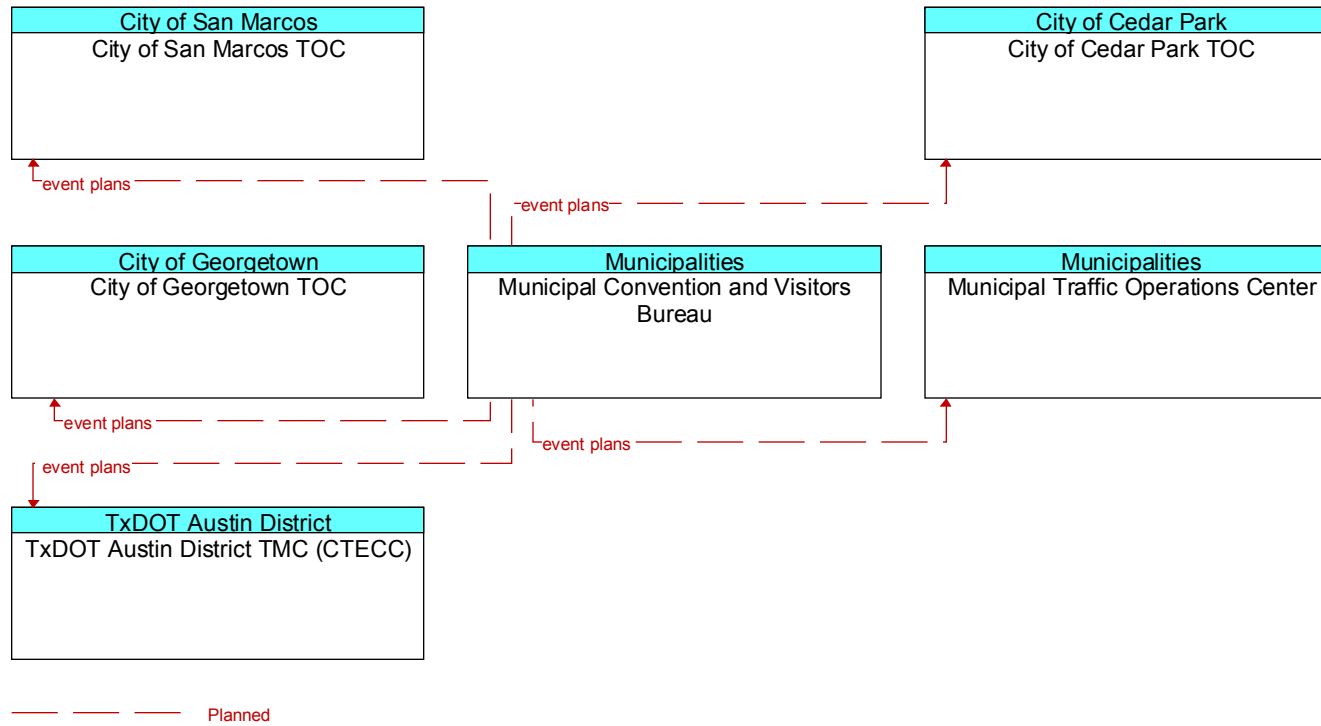
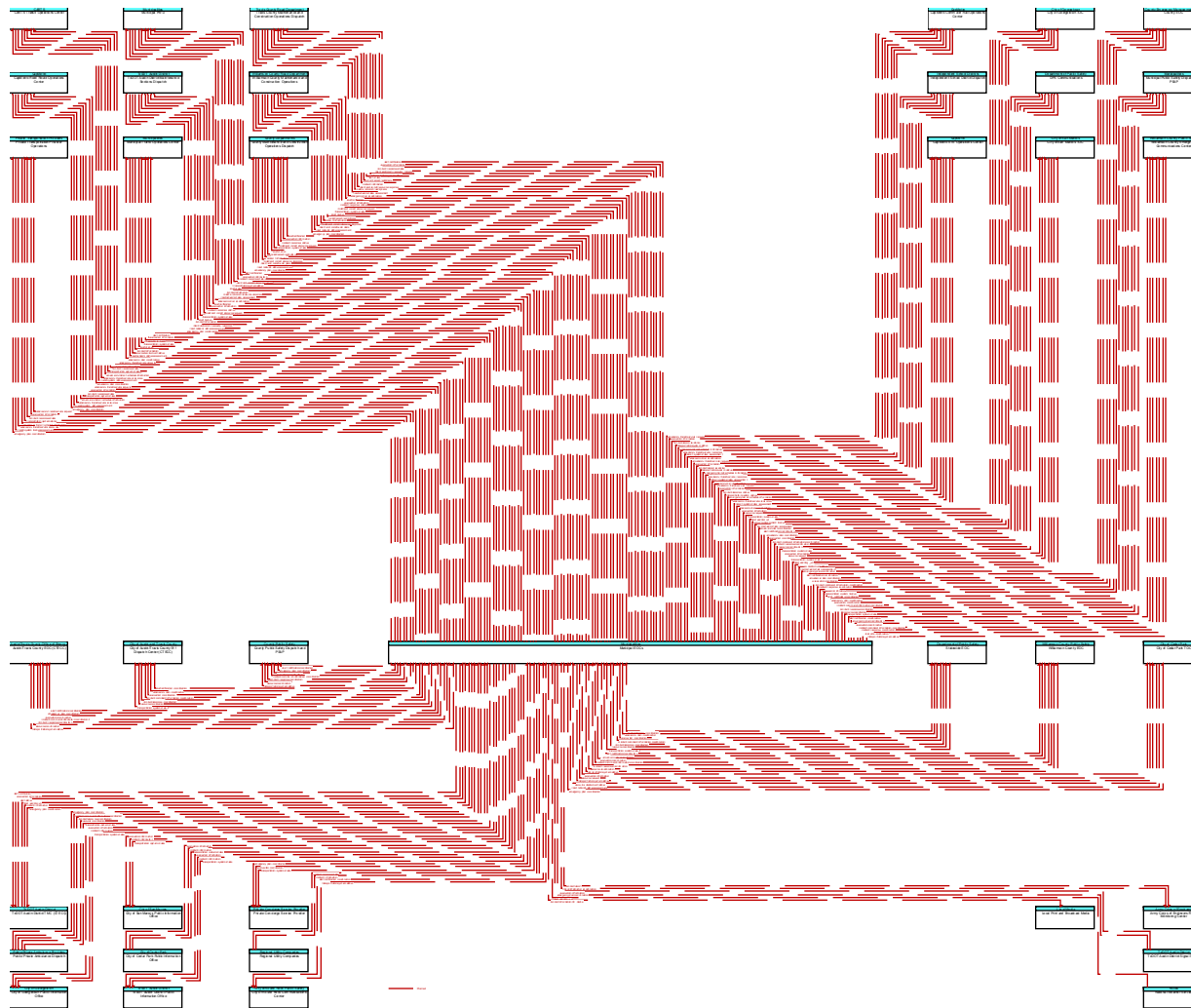


Figure D146 – Municipal EOCs Interfaces



Source Element	Destination Element	Flow	Status
Municipal EOCs	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	CapMetro Fixed Route Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	CapMetro STS Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
evacuation information		Planned	
incident response status		Planned	
transportation system status		Planned	
CARTS Transit Operations Center	emergency plan coordination	Planned	
	emergency transit service request	Planned	
	evacuation information	Planned	

Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	CARTS Transit Operations Center (continued)	incident response status	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	City of Cedar Park Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Cedar Park TOC	emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	City of Georgetown Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Georgetown TOC	emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	City of Round Rock Communications Center	alert notification coordination	Planned
transportation system status		Planned	
City of San Marcos Public Information Office	evacuation information	Planned	
	incident information	Planned	
	transportation system status	Planned	

Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	City of San Marcos TOC	emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	County Maintenance and Construction Operations Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
	County Public Safety Dispatch and PSAP	transportation system status	Planned
		alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
incident command information coordination		Planned	
incident response coordination		Planned	
resource coordination		Planned	
DPS Communications	transportation system status	Planned	
	alert notification coordination	Planned	
	emergency plan coordination	Planned	
	evacuation coordination	Planned	
		incident command information coordination	Planned

Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	DPS Communications (continued)	incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Independent School District Dispatch	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	Local Print and Broadcast Media	incident information for media	Planned
	Municipal Public Safety Dispatch and PSAP	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Municipal PWD	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	Municipal Traffic Operations Center	alert notification	Planned
emergency plan coordination		Planned	
evacuation information		Planned	
resource request		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Transportation Provider Operations	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	Public/Private Ambulance Dispatch	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Statewide EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Travis County Maintenance and Construction Operations Dispatch	alert notification	Planned
		emergency plan coordination	Planned
evacuation information		Planned	
incident response status		Planned	
maint and constr resource request		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	TxDOT Austin District Maintenance Sections Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	TxDOT Austin District Signal Server	emergency plan coordination	Planned
		evacuation information	Planned
	TxDOT Austin District TMC (CTECC)	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
	Williamson County Emergency Communications Center	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned



Source Element	Destination Element	Flow	Status
Municipal EOCs (continued)	Williamson County Maintenance and Construction Operations	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned

Figure D147 – Municipal Equipment Repair Garage Interfaces

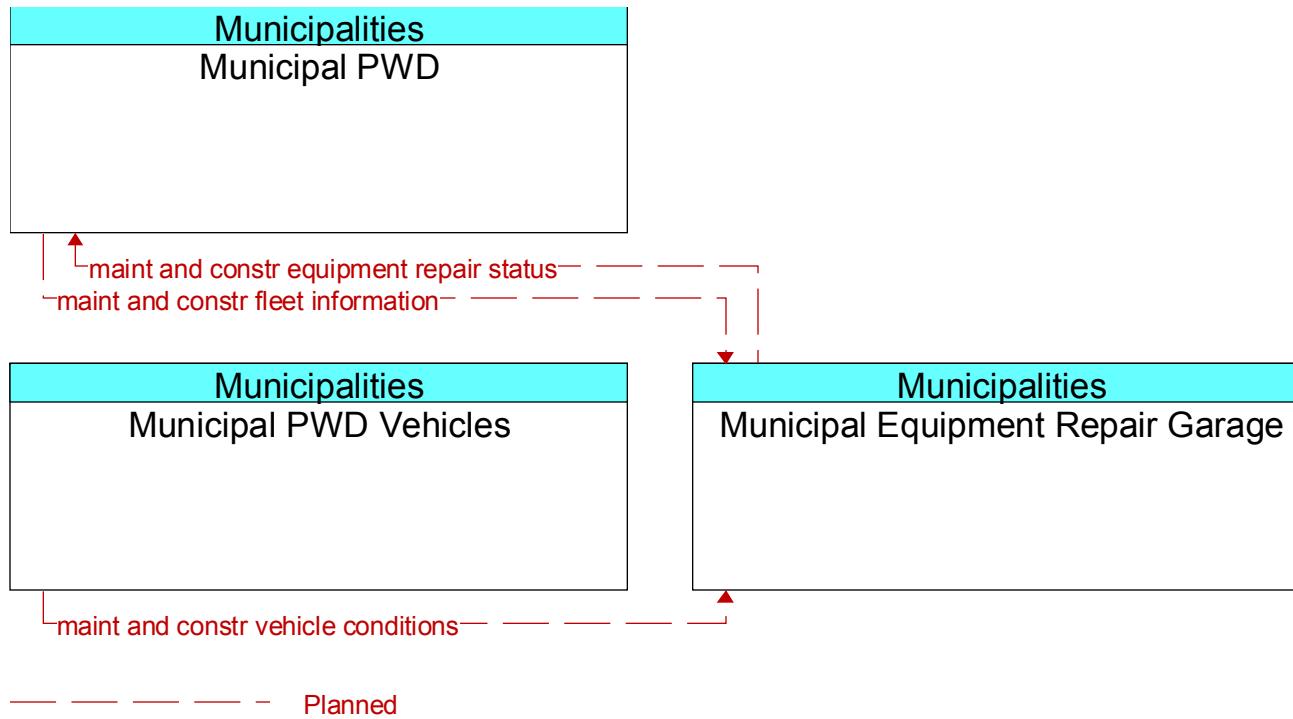


Figure D148 – Municipal Fire Vehicles Interfaces

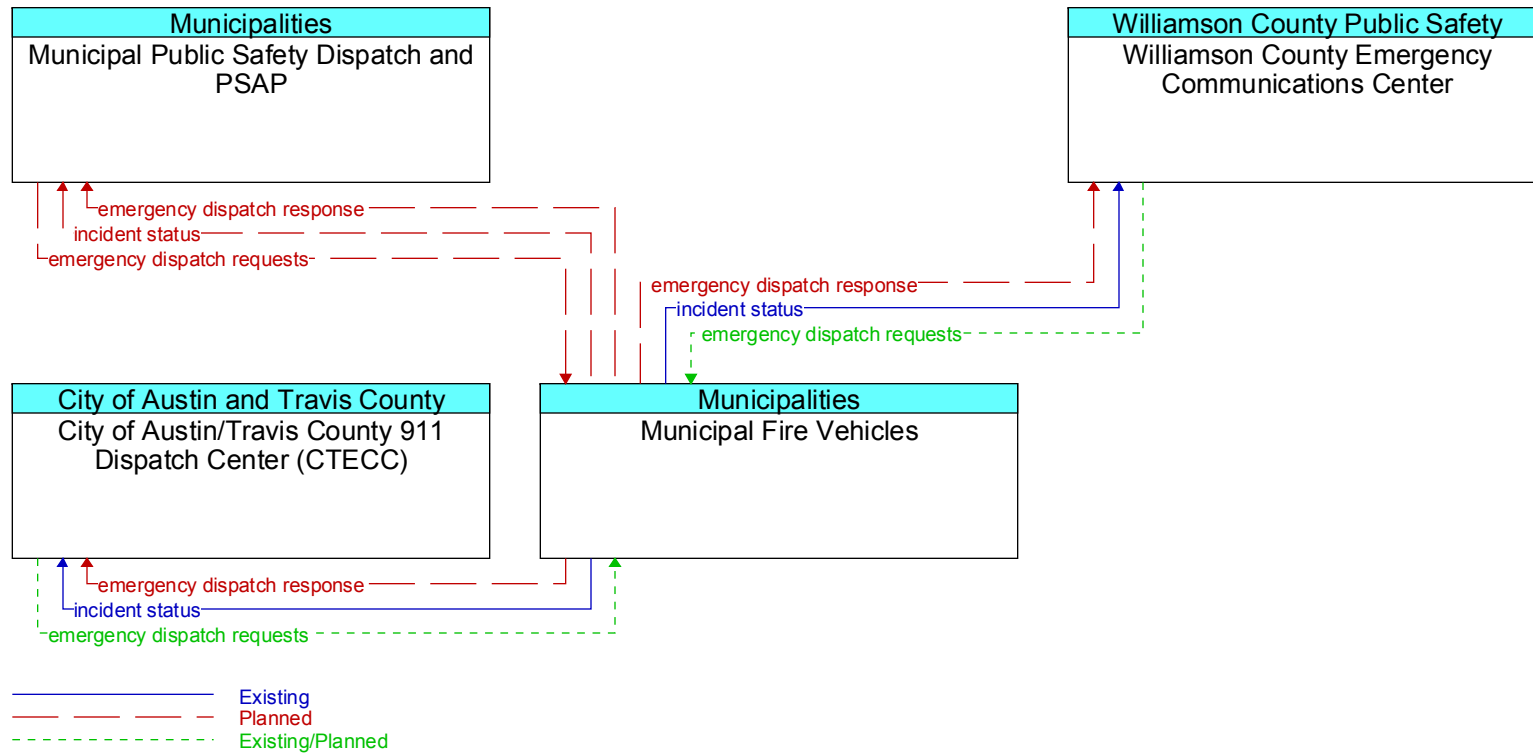


Figure D149 – Municipal ITS Field Equipment Interfaces

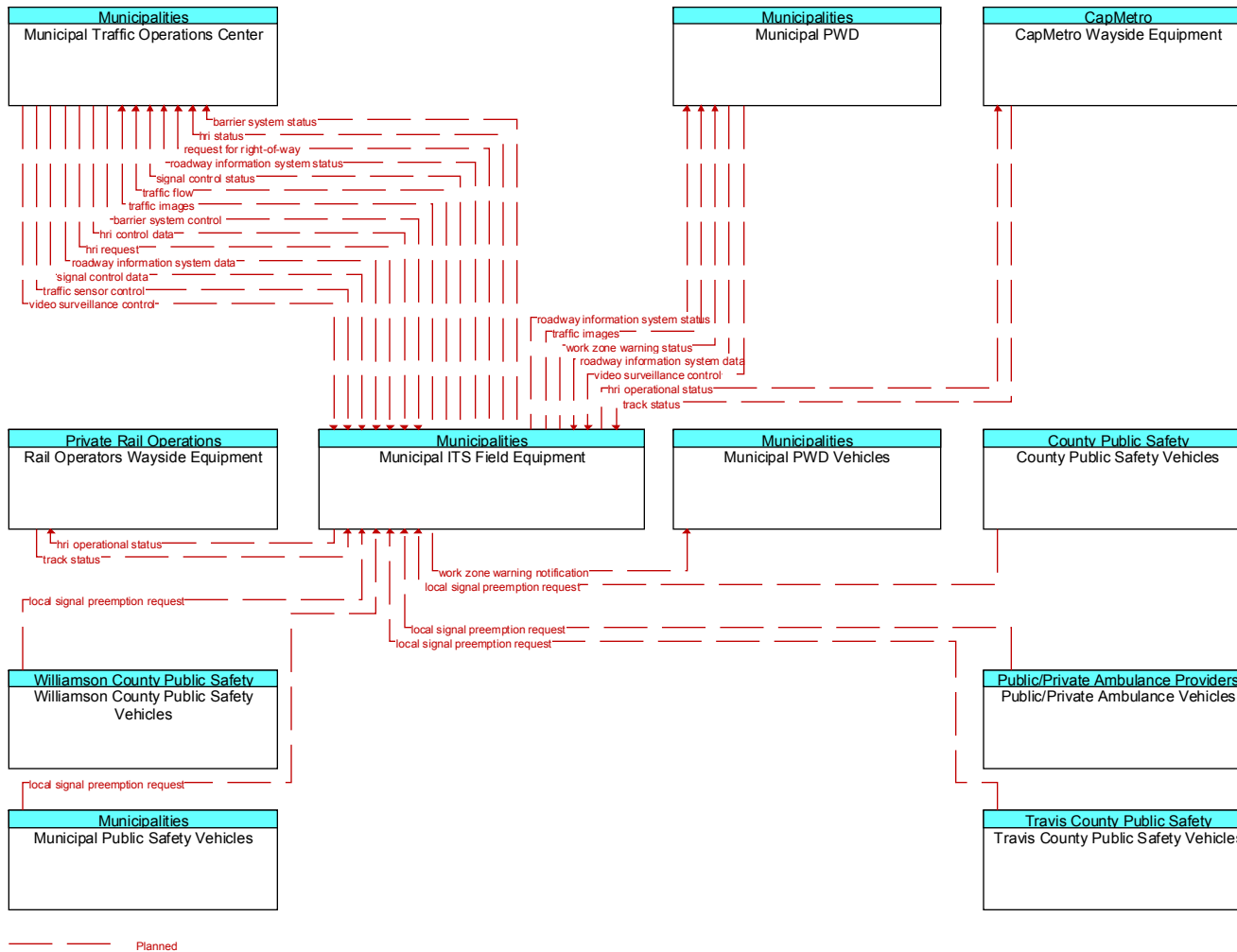


Figure D150 – Municipal or County Permitting System Interfaces

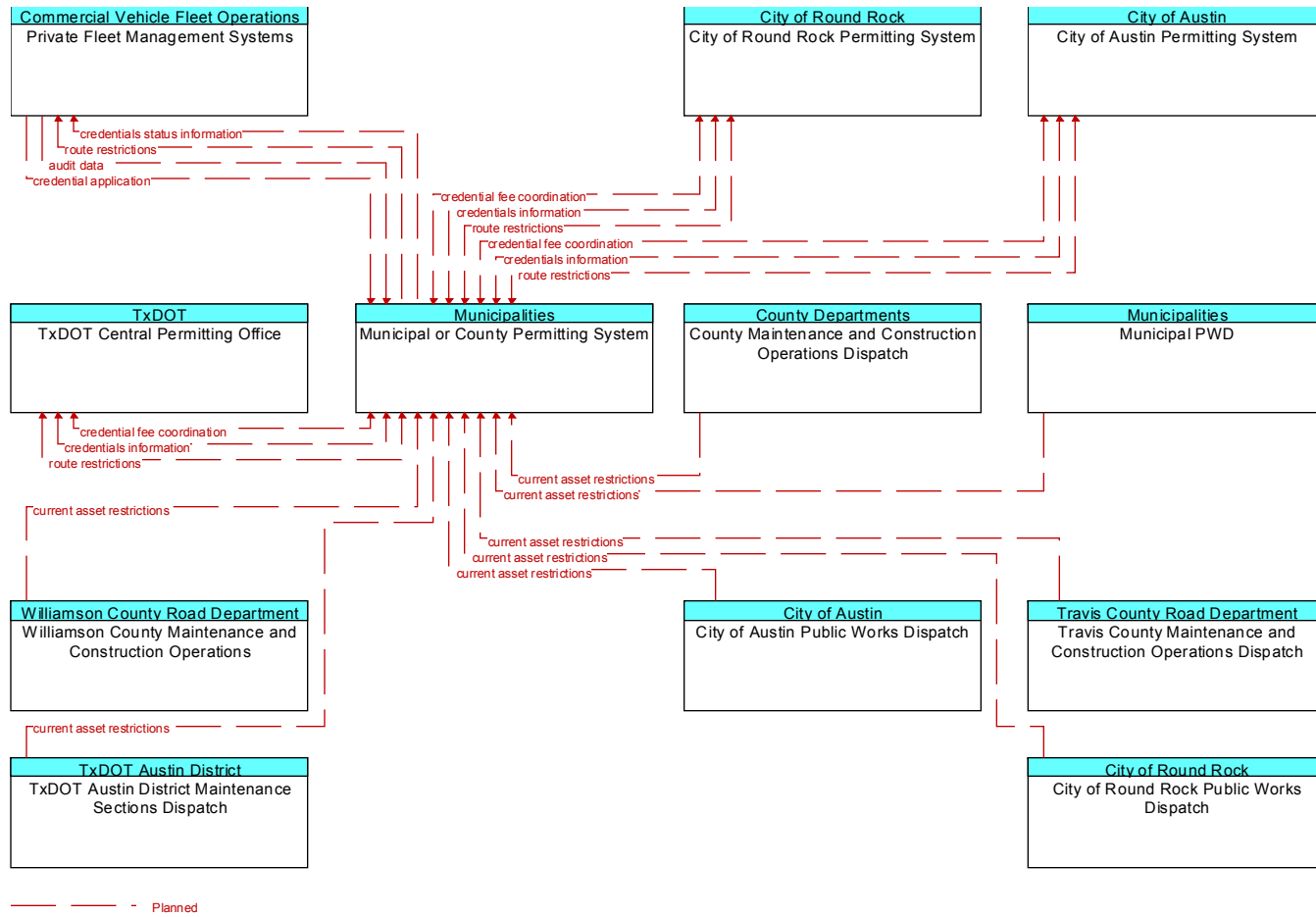


Figure D151 – Municipal Pavement Management System Interfaces

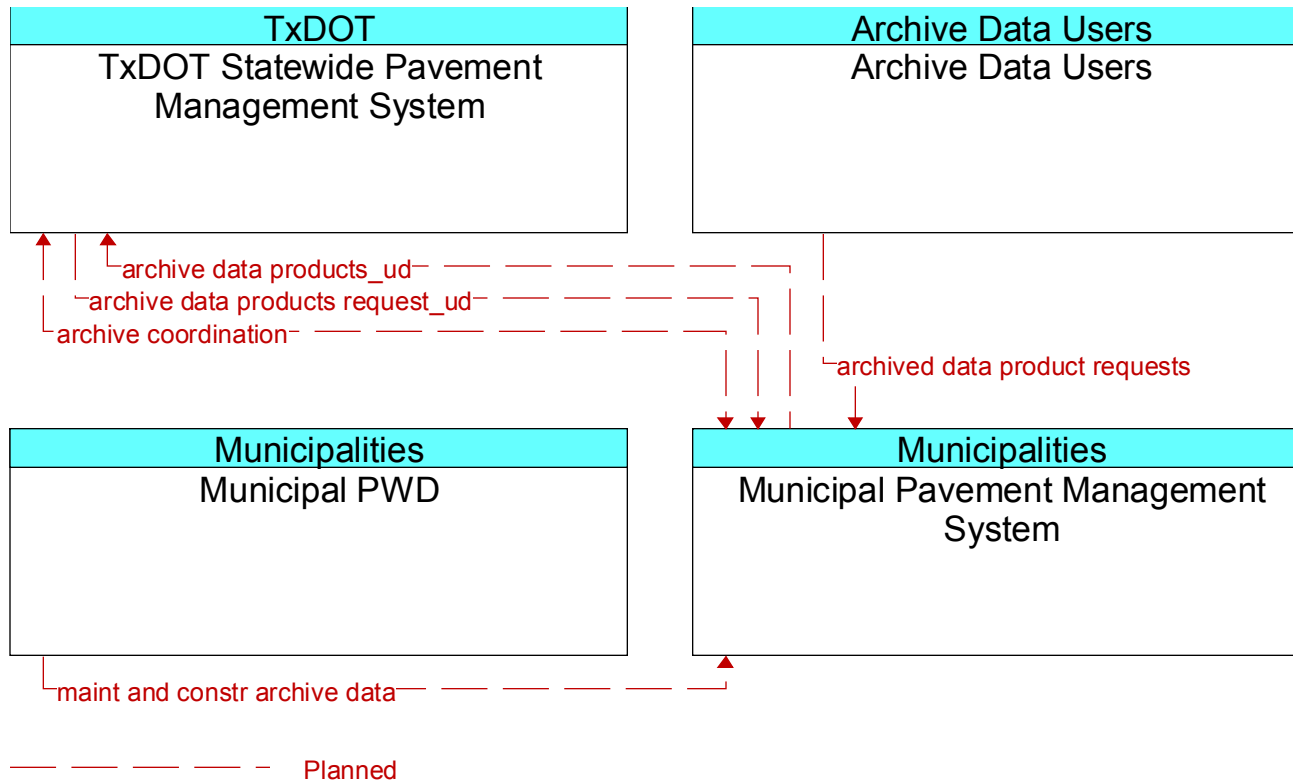
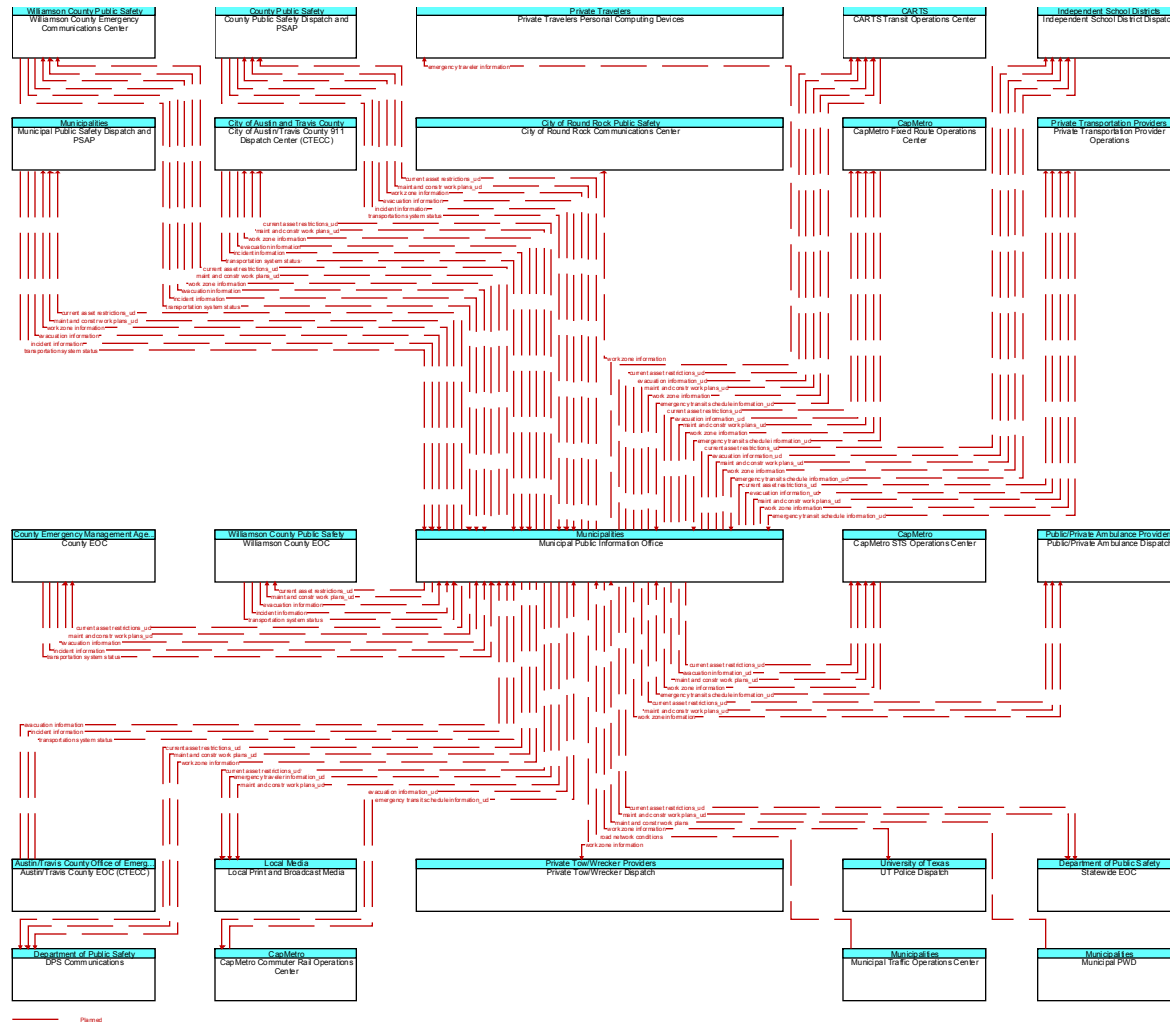


Figure D152 – Municipal Public Information Office Interfaces

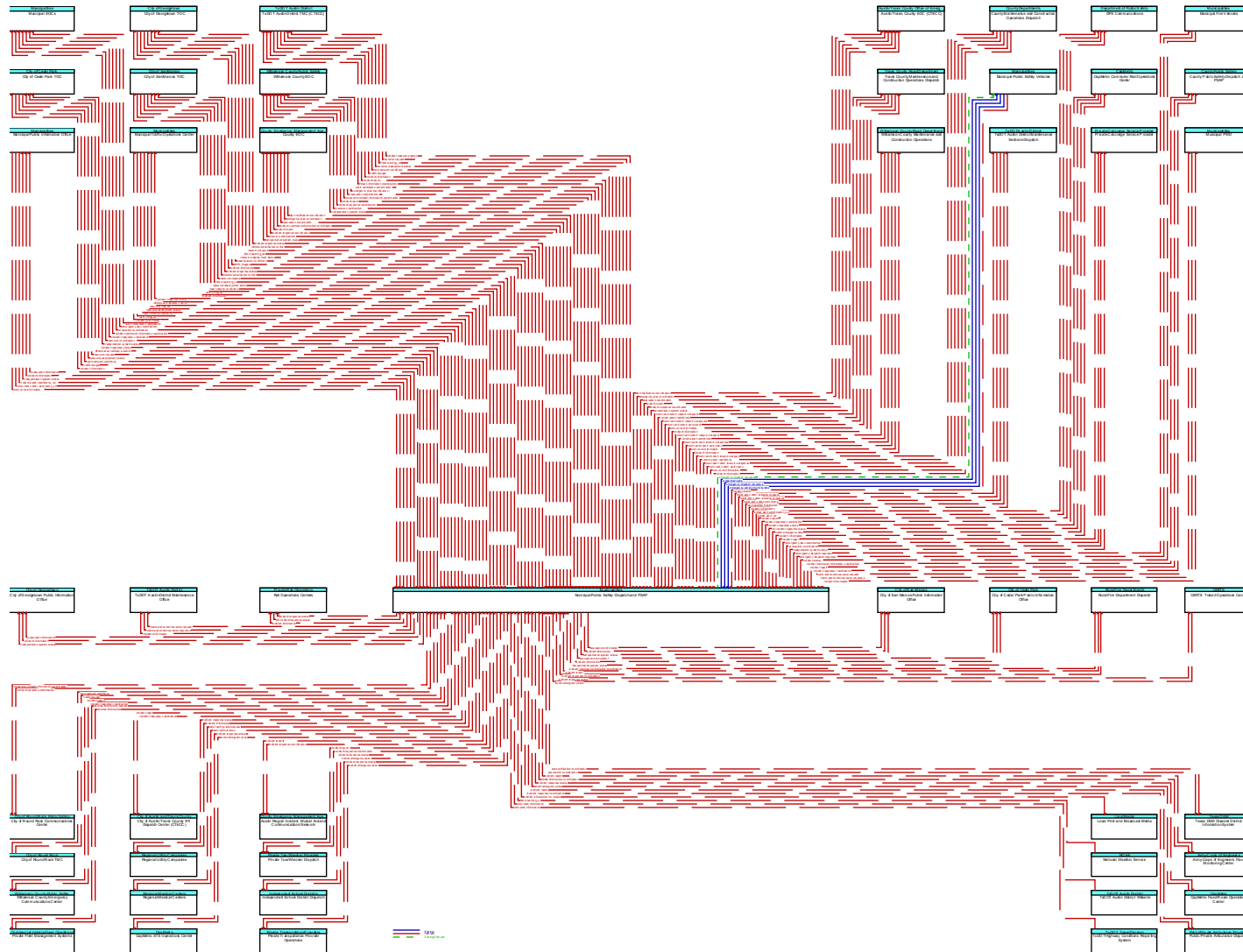


Source Element	Destination Element	Flow	Status
Municipal Public Information Office	CapMetro Commuter Rail Operations Center	evacuation information_ud	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions_ud	Planned
		evacuation information_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions_ud	Planned
		evacuation information_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	CARTS Transit Operations Center	current asset restrictions_ud	Planned
		evacuation information_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	City of Round Rock Communications Center	work zone information	Planned
	County EOC	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
	County Public Safety Dispatch and PSAP	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	DPS Communications	current asset restrictions_ud	Planned
maint and constr work plans_ud		Planned	
work zone information		Planned	
Independent School District Dispatch	current asset restrictions_ud	Planned	
	evacuation information_ud	Planned	



Source Element	Destination Element	Flow	Status
Municipal Public Information Office (continued)	Independent School District Dispatch (continued)	maint and constr work plans_ud	Planned
		work zone information	Planned
	Local Print and Broadcast Media	current asset restrictions_ud	Planned
		emergency traveler information_ud	Planned
		maint and constr work plans_ud	Planned
	Municipal Public Safety Dispatch and PSAP	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	Private Tow/Wrecker Dispatch	work zone information	Planned
	Private Transportation Provider Operations	current asset restrictions_ud	Planned
		evacuation information_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	Private Travelers Personal Computing Devices	emergency traveler information	Planned
	Public/Private Ambulance Dispatch	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
		work zone information	Planned
	Statewide EOC	current asset restrictions_ud	Planned
		maint and constr work plans_ud	Planned
	UT Police Dispatch	work zone information	Planned
Williamson County Emergency Communications Center	current asset restrictions_ud	Planned	
	maint and constr work plans_ud	Planned	
	work zone information	Planned	
Williamson County EOC	current asset restrictions_ud	Planned	
	maint and constr work plans_ud	Planned	

Figure D153 – Municipal Public Safety Dispatch and PSAP Interfaces



Source Element	Destination Element	Flow	Status
Municipal Public Safety Dispatch and PSAP	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	incident information	Planned
		incident response status	Planned
	CapMetro Fixed Route Operations Center	incident response status	Planned
	CapMetro STS Operations Center	incident response status	Planned
	CARTS Transit Operations Center	incident response status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident report	Planned
		incident response coordination	Planned
	City of Cedar Park Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Cedar Park TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
City of Georgetown Public Information Office	evacuation information	Planned	
	incident information	Planned	
	transportation system status	Planned	

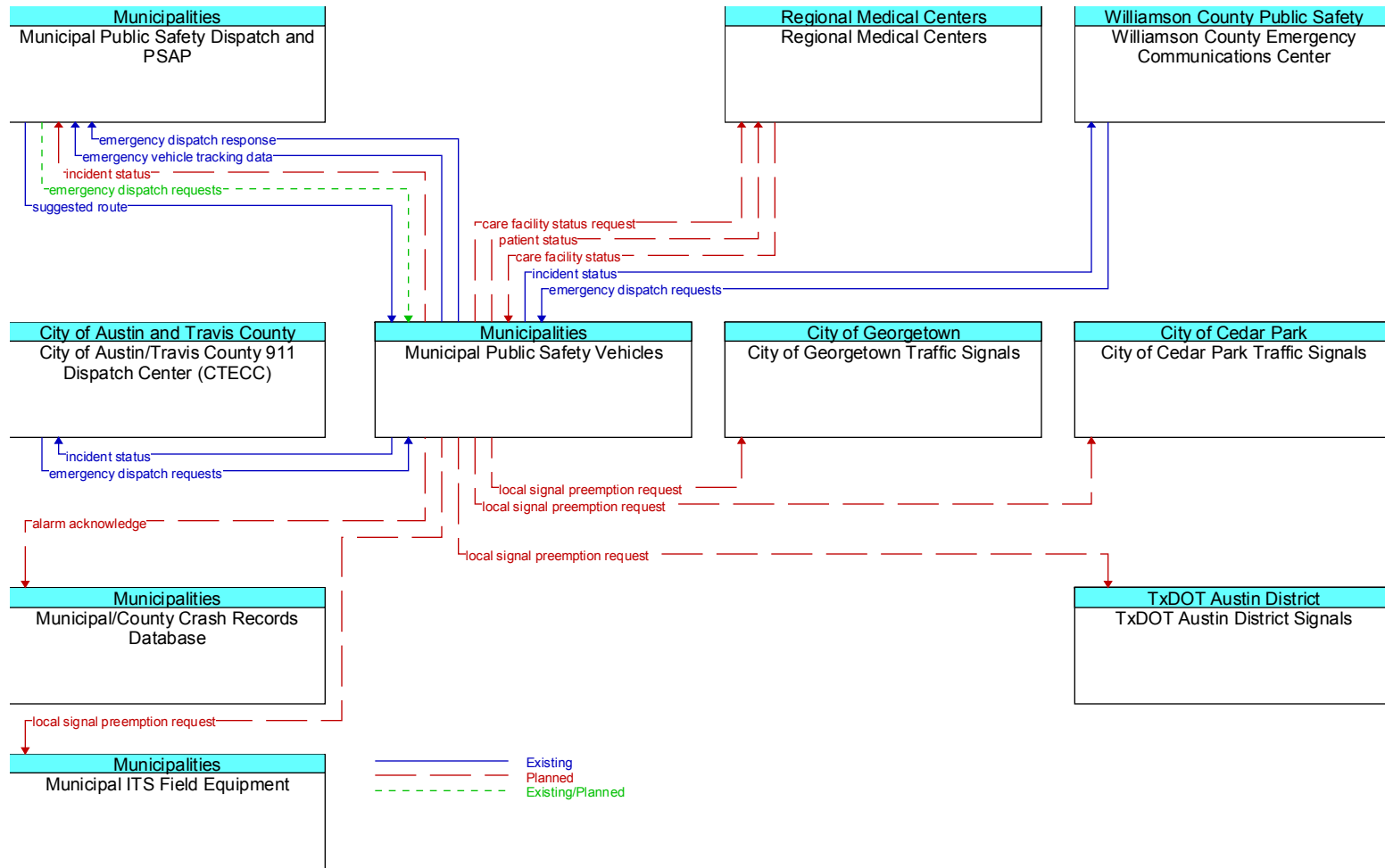
Source Element	Destination Element	Flow	Status
Municipal Public Safety Dispatch and PSAP (continued)	City of Georgetown TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	City of Round Rock Communications Center	incident command information coordination	Planned
		incident response coordination	Planned
	City of San Marcos Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of San Marcos TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	transportation system status	Planned	
	County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
County Public Safety Dispatch and PSAP	incident command information coordination	Planned	
	incident report	Planned	
	incident response coordination	Planned	

Source Element	Destination Element	Flow	Status	
Municipal Public Safety Dispatch and PSAP (continued)	DPS Communications	amber alert confirmation_ud	Planned	
		amber alert_ud	Planned	
		incident report	Planned	
		incident response coordination	Planned	
	Independent School District Dispatch		incident response status	Planned
	Local Print and Broadcast Media		incident information for media	Planned
	Municipal EOCs		alert notification coordination	Planned
			emergency plan coordination	Planned
			evacuation coordination	Planned
			incident command information coordination	Planned
			incident response coordination	Planned
			resource coordination	Planned
	Municipal Fire Vehicles		transportation system status	Planned
			emergency dispatch requests	Planned
	Municipal Public Information Office		evacuation information	Planned
			incident information	Planned
			transportation system status	Planned
	Municipal Public Safety Vehicles		emergency dispatch requests	Existing/ Planned
			suggested route	Existing
	Municipal PWD		incident information	Planned
			maint and constr resource request	Planned
	Municipal Traffic Operations Center		incident information	Planned
			incident response status	Planned
			remote surveillance control	Planned
			resource request	Planned
	Private Concierge Service Provider		emergency plan coordination	Planned
			evacuation coordination	Planned

Source Element	Destination Element	Flow	Status
Municipal Public Safety Dispatch and PSAP (continued)	Private Concierge Service Provider (continued)	transportation system status	Planned
	Private Fleet Management Systems	hazmat information request	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	incident response status	Planned
	Public/Private Ambulance Dispatch	incident report	Planned
		incident response coordination	Planned
	Rail Operations Centers	incident information	Planned
		incident response status	Planned
	Regional Medical Centers	care facility status request	Planned
	Regional Utility Companies	incident information	Planned
		incident response status	Planned
	Rural Fire Department Dispatch	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Texas DEM Disaster District Information System	alert notification coordination	Planned
		evacuation coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Office	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
TxDOT Austin District TMC (CTECC)	incident information	Planned	
	incident report	Planned	
	incident response status	Planned	
	resource request	Planned	
	threat information coordination	Planned	

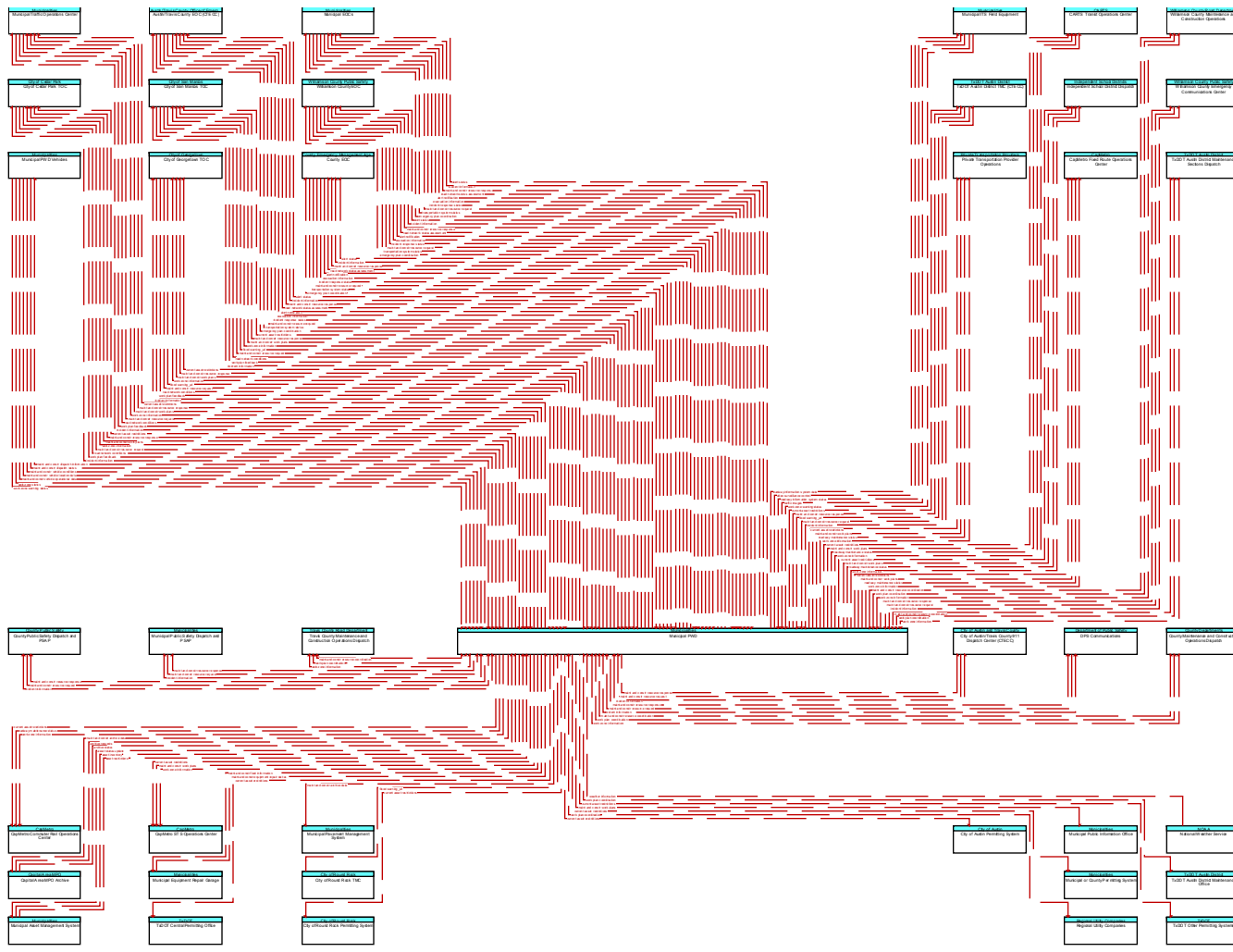
Source Element	Destination Element	Flow	Status
Municipal Public Safety Dispatch and PSAP (continued)	Williamson County Emergency Communications Center	incident report	Planned
		incident response coordination	Planned
	Williamson County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Williamson County Maintenance and Construction Operations	transportation system status	Planned
		incident information	Planned
		maint and constr resource request	Planned

Figure D154 – Municipal Public Safety Vehicles Interfaces





**Figure D155 – Municipal PWD Interfaces**



Source Element	Destination Element	Flow	Status
Municipal PWD	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	maint and constr archive data	Planned
	CapMetro Commuter Rail Operations Center	current asset restrictions	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	CARTS Transit Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	City of Austin Permitting System	current asset restrictions	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident information	Planned
		maint and constr resource response	Planned
City of Cedar Park TOC	current asset restrictions	Planned	
	incident information	Planned	
	maint and constr resource response	Planned	
	maint and constr work plans	Planned	

Source Element	Destination Element	Flow	Status
Municipal PWD (continued)	City of Cedar Park TOC (continued)	work zone information	Planned
	City of Georgetown TOC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Round Rock Permitting System	current asset restrictions	Planned
	City of San Marcos TOC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	County Public Safety Dispatch and PSAP	incident information	Planned
		maint and constr resource response	Planned
	DPS Communications	incident information	Planned
		maint and constr resource response	Planned
	Independent School District Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned

Source Element	Destination Element	Flow	Status
Municipal PWD (continued)	Municipal Asset Management System	asset status update	Planned
	Municipal EOCs	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Municipal Equipment Repair Garage	maint and constr fleet information	Planned
	Municipal ITS Field Equipment	roadway information system data	Planned
		video surveillance control	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
	Municipal Pavement Management System	maint and constr archive data	Planned
	Municipal Public Information Office	maint and constr work plans	Planned
	Municipal Public Safety Dispatch and PSAP	incident information	Planned
		maint and constr resource response	Planned
	Municipal PWD Vehicles	maint and constr dispatch information	Planned
	Municipal Traffic Operations Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Private Transportation Provider Operations	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Regional Utility Companies	work plan coordination	Planned
	Travis County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned

Source Element	Destination Element	Flow	Status
Municipal PWD (continued)	TxDOT Austin District Maintenance Office	work plan coordination	Planned
	TxDOT Austin District Maintenance Sections Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		maint and constr resource response	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Williamson County Maintenance and Construction Operations	maint and constr resource coordination	Planned
		work plan coordination	Planned
work zone information		Planned	

Figure D156 – Municipal PWD Vehicles Interfaces

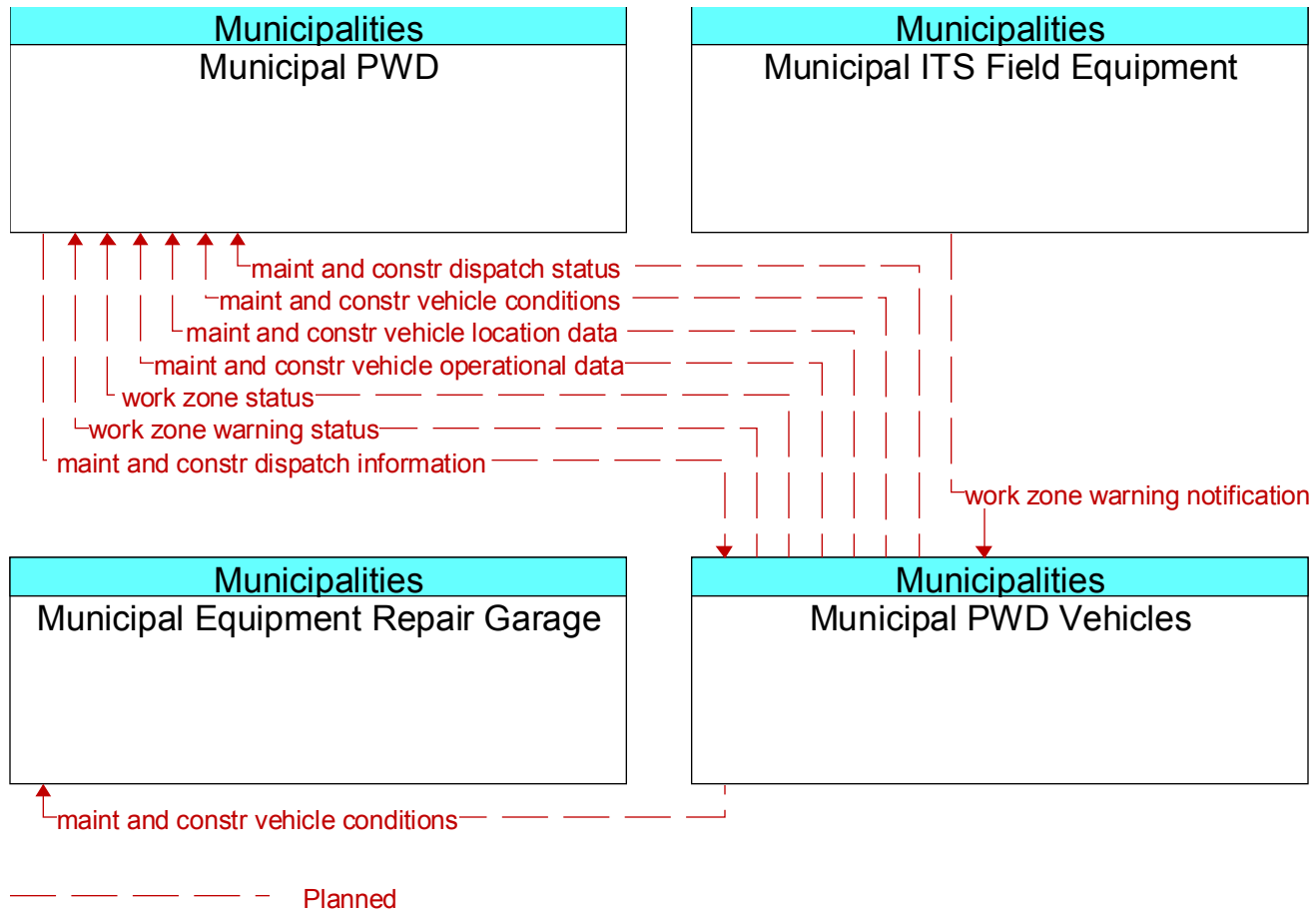


Figure D157 – Municipal School Programmable Flasher Systems Interfaces

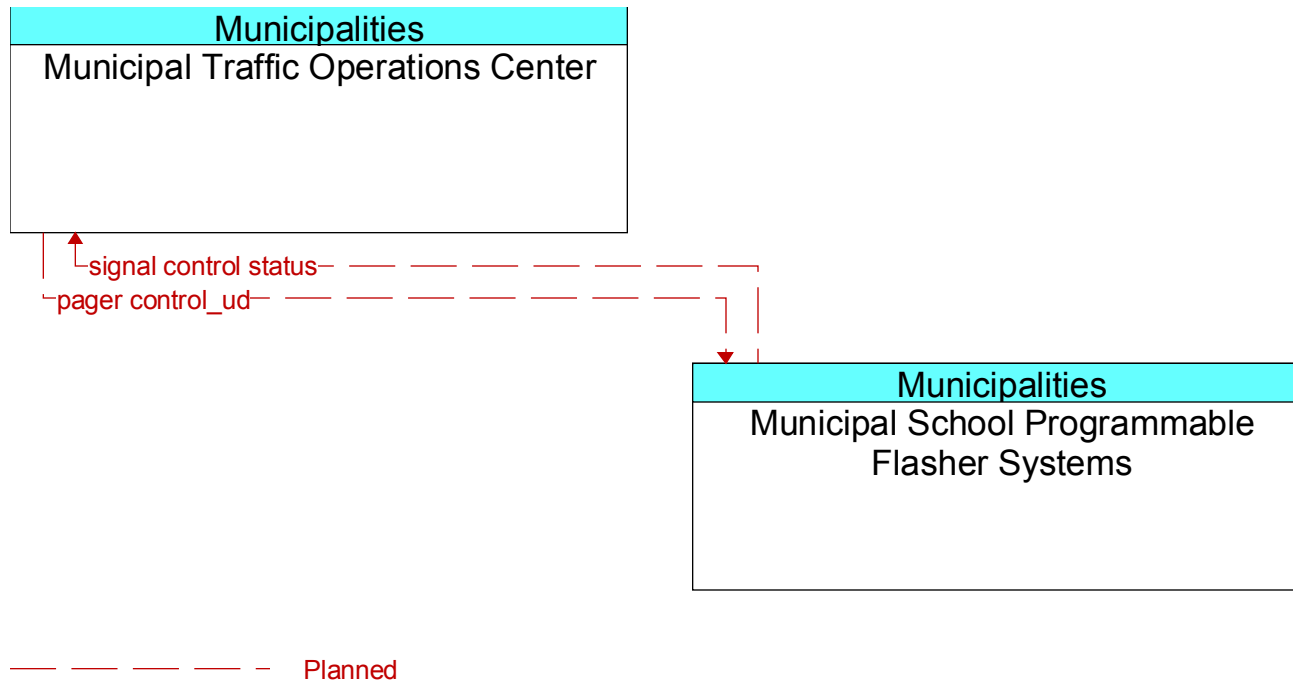


Figure D158 – Municipal Traffic Database Interfaces

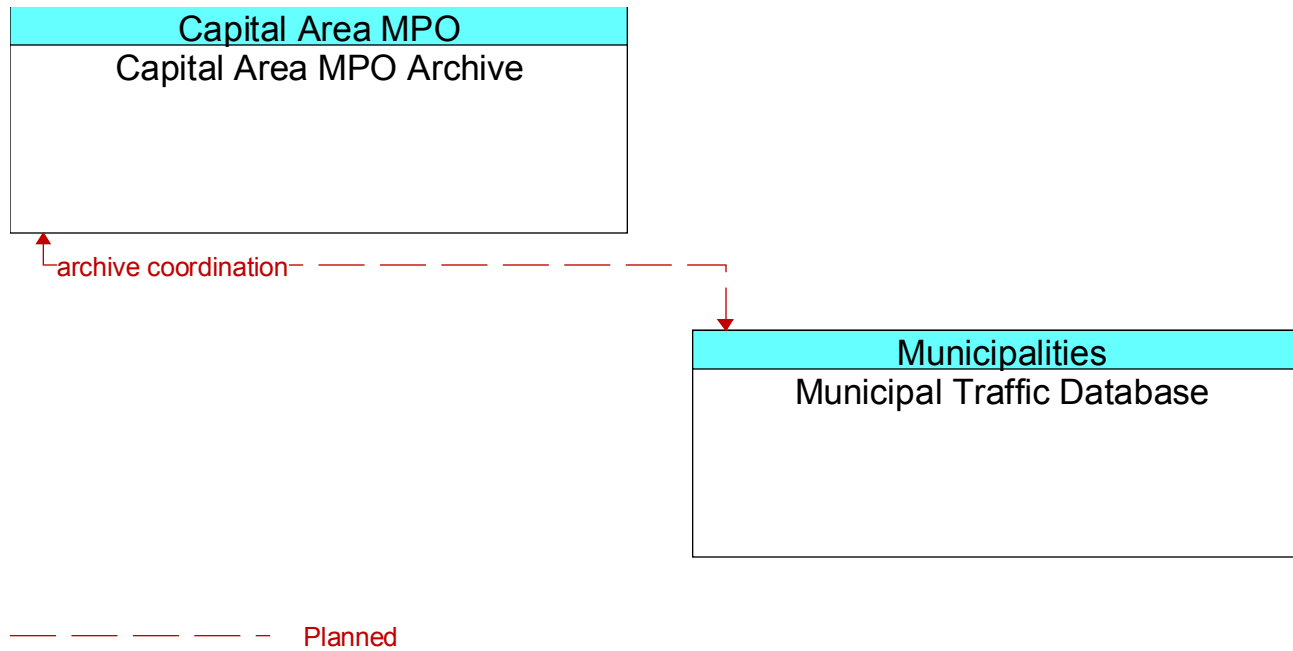
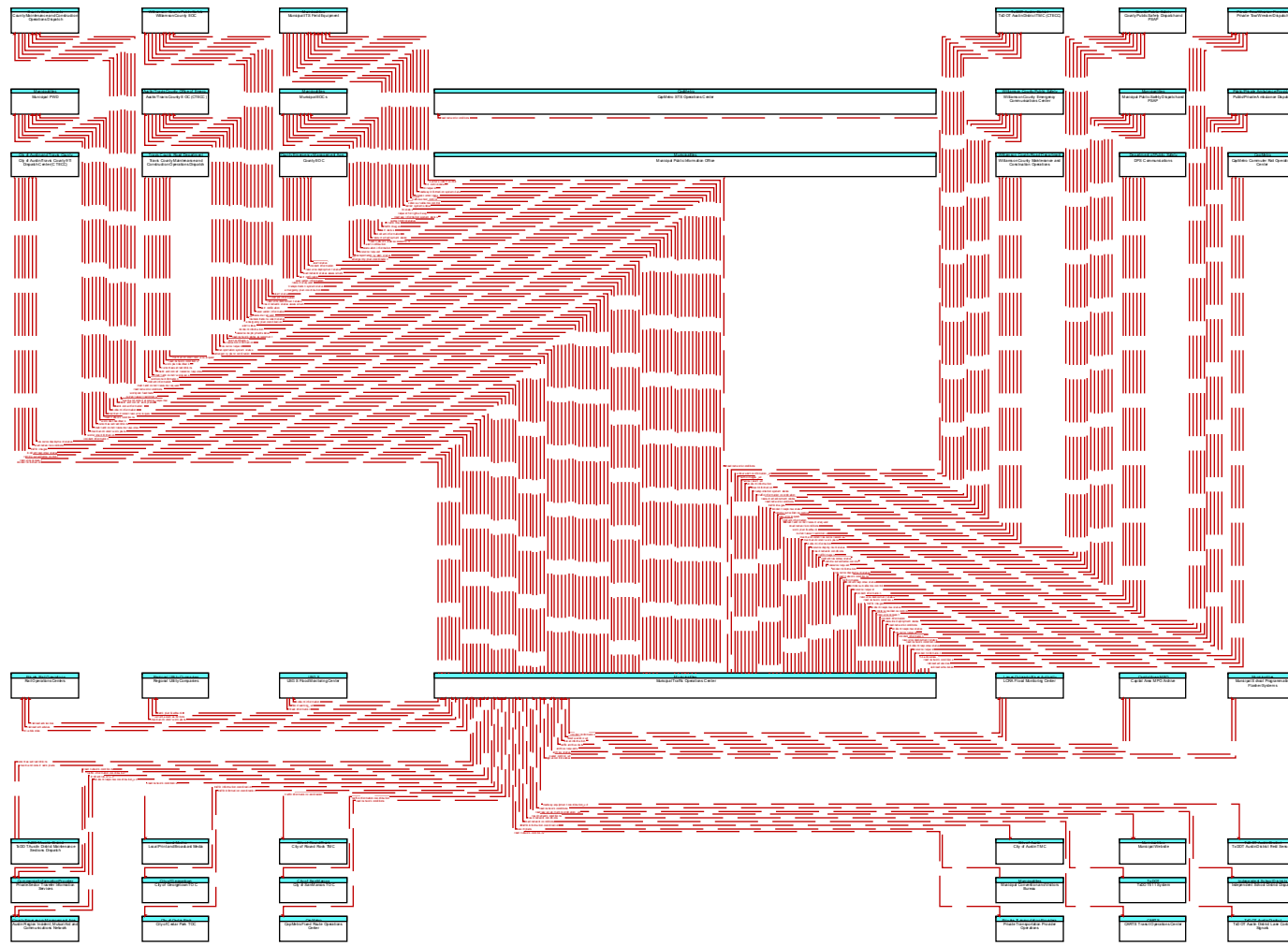




Figure D159 – Municipal Traffic Operations Center Interfaces



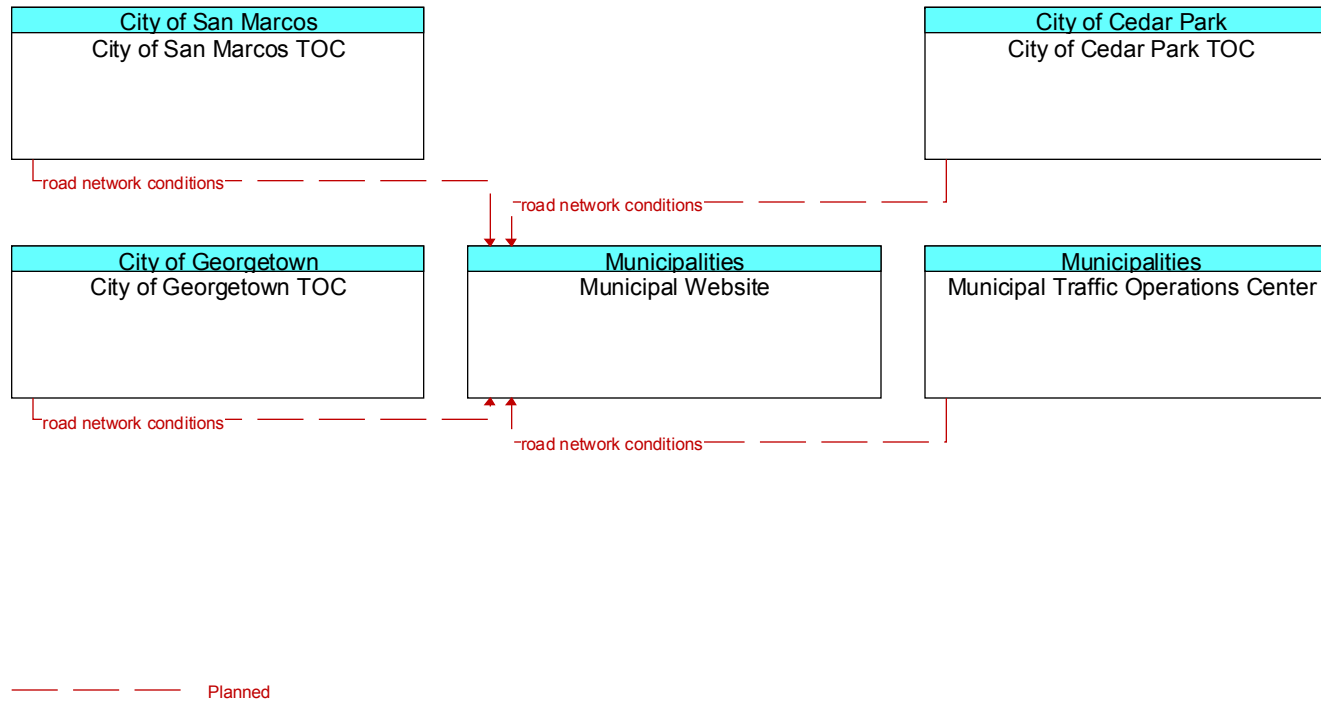
Source Element	Destination Element	Flow	Status
Municipal Traffic Operations Center	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
		road network conditions	Planned
	CapMetro Fixed Route Operations Center	road network conditions	Planned
	CapMetro STS Operations Center	road network conditions	Planned
	CARTS Transit Operations Center	road network conditions	Planned
	City of Austin TMC	traffic information coordination	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	City of Cedar Park TOC	traffic information coordination	Planned
	City of Georgetown TOC	traffic information coordination	Planned
	City of Round Rock TMC	traffic information coordination	Planned
	City of San Marcos TOC	traffic information coordination	Planned
	County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned

Source Element	Destination Element	Flow	Status
Municipal Traffic Operations Center (continued)	County Maintenance and Construction Operations Dispatch	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	County Public Safety Dispatch and PSAP	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	DPS Communications	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Independent School District Dispatch	road network conditions	Planned
	LCRA Flood Monitoring Center	incident information	Planned
	Local Print and Broadcast Media	road network conditions	Planned
	Municipal EOCs	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Municipal ITS Field Equipment	barrier system control	Planned
		hri control data	Planned
		hri request	Planned
roadway information system data		Planned	
signal control data		Planned	
traffic sensor control		Planned	
video surveillance control		Planned	
Municipal Public Information Office	road network conditions	Planned	

Source Element	Destination Element	Flow	Status
Municipal Traffic Operations Center (continued)	Municipal Public Safety Dispatch and PSAP	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Municipal PWD	incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	Municipal School Programmable Flasher Systems	pager control_ud	Planned
	Municipal Website	road network conditions	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Private Transportation Provider Operations	road network conditions	Planned
	Public/Private Ambulance Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Rail Operations Centers	hri advisories	Planned
		railroad advisories	Planned
		railroad schedules	Planned
	Regional Utility Companies	work plan feedback	Planned
Travis County Maintenance and Construction Operations Dispatch	incident information	Planned	
	maint and constr resource request	Planned	
	road network conditions	Planned	
	work plan feedback	Planned	
TxDOT 511 System	road network conditions	Planned	

Source Element	Destination Element	Flow	Status
Municipal Traffic Operations Center (continued)	TxDOT Austin District Field Sensors	roadway equipment coordination_ud	Planned
	TxDOT Austin District Lane Control Signals	roadway equipment coordination_ud	Planned
	TxDOT Austin District TMC (CTECC)	amber alert confirmation_ud	Planned
		traffic images_ud	Planned
		traffic information coordination	Planned
	USGS Flood Monitoring Center	incident information	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
		traffic images	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	Williamson County Maintenance and Construction Operations	incident information	Planned
		maint and constr resource request	Planned
road network conditions		Planned	
work plan feedback		Planned	

Figure D160 – Municipal Website Interfaces



**Figure D161 – Municipal/County Crash Records Database Interfaces**

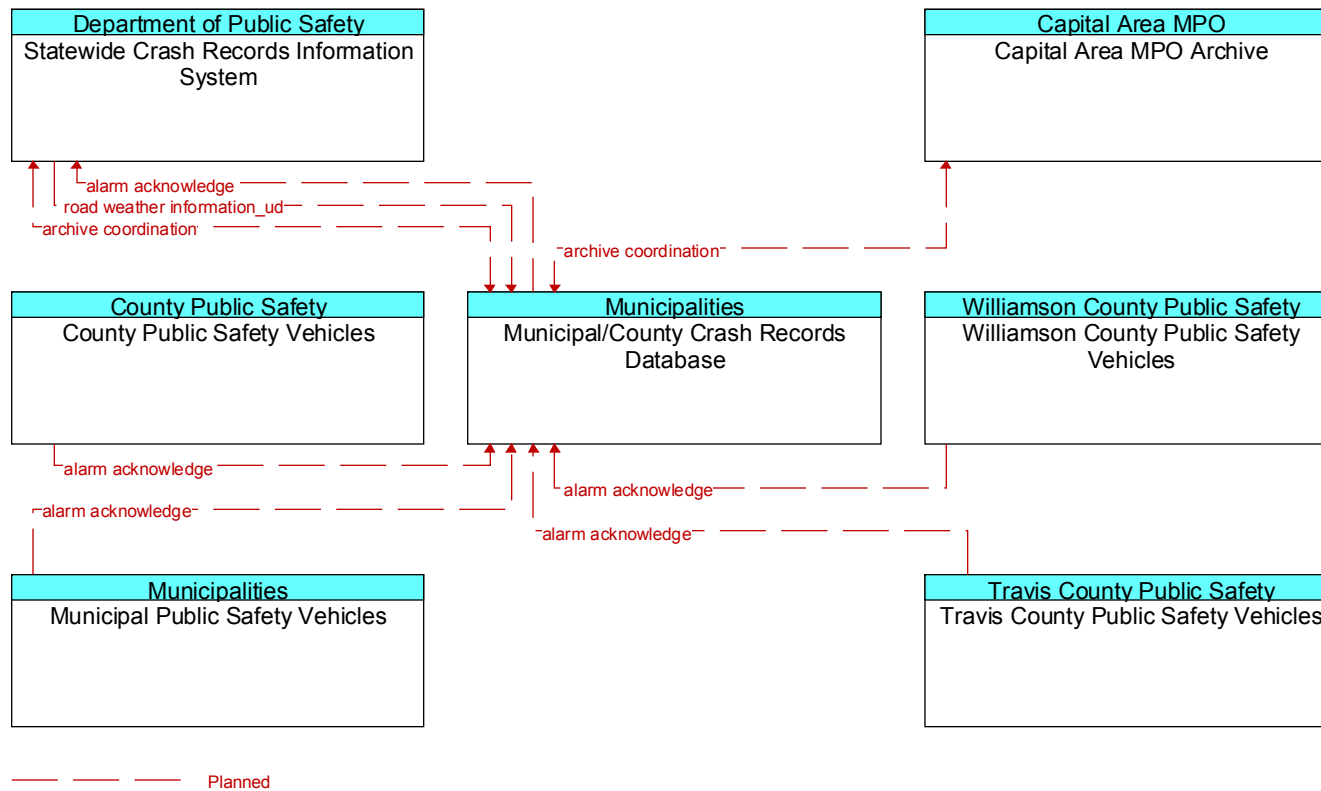


Figure D162 – National Weather Service Interfaces

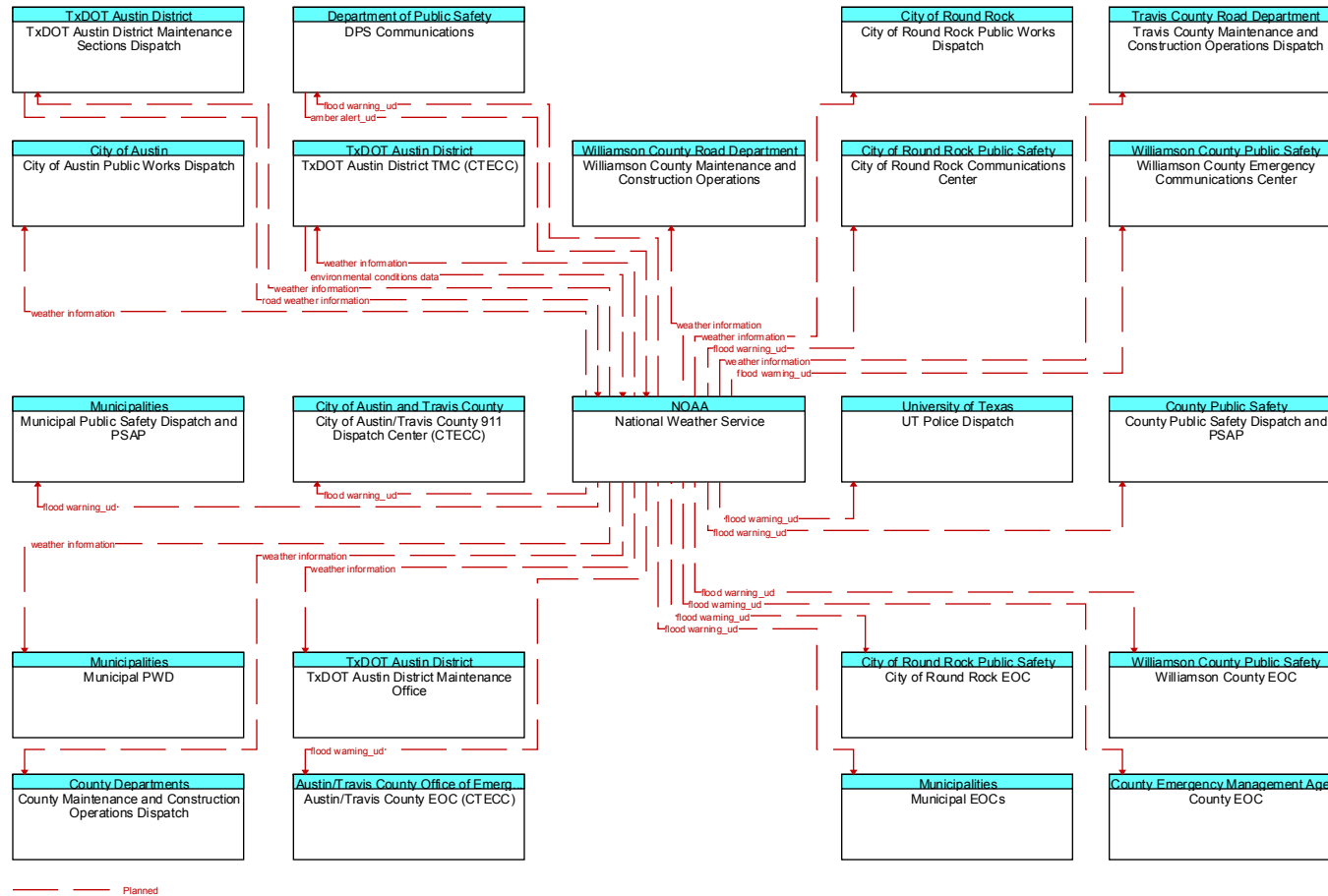




Figure D163 – Other 800 MHz Communications Systems Interfaces

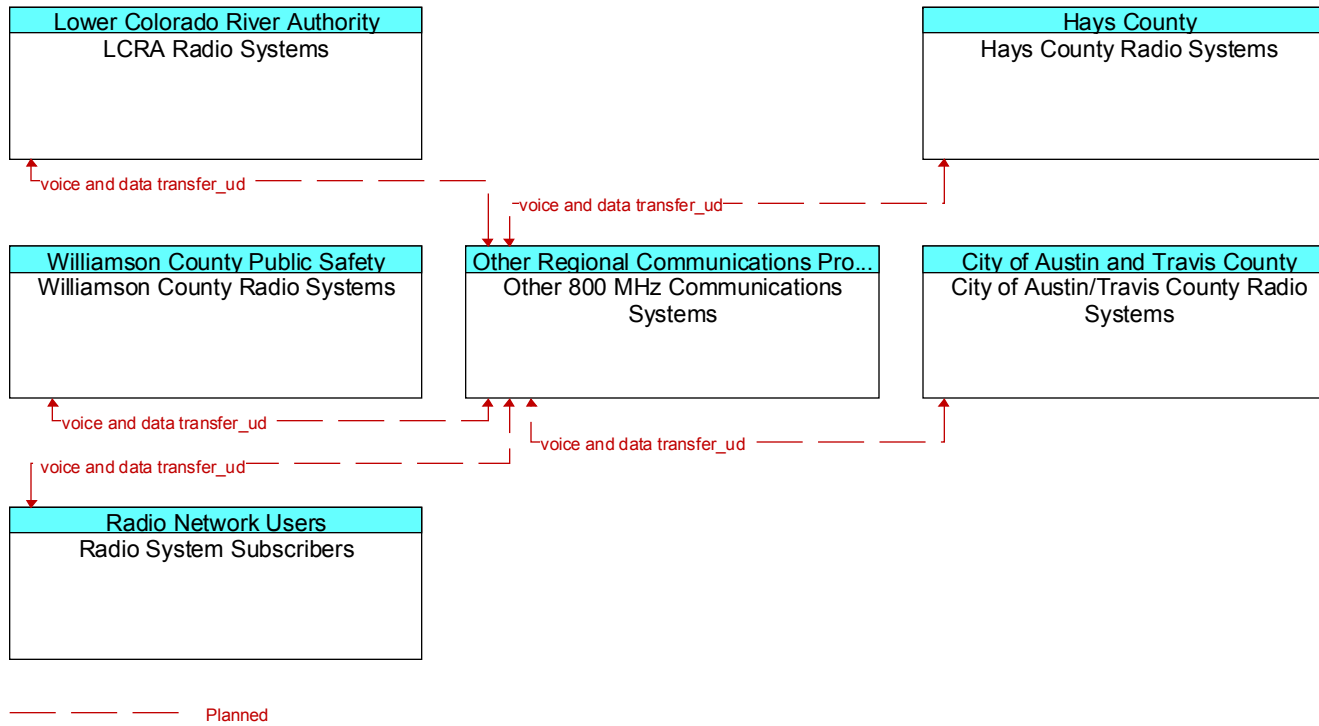


Figure D164 – Other 900 MHz Communications Systems Interfaces

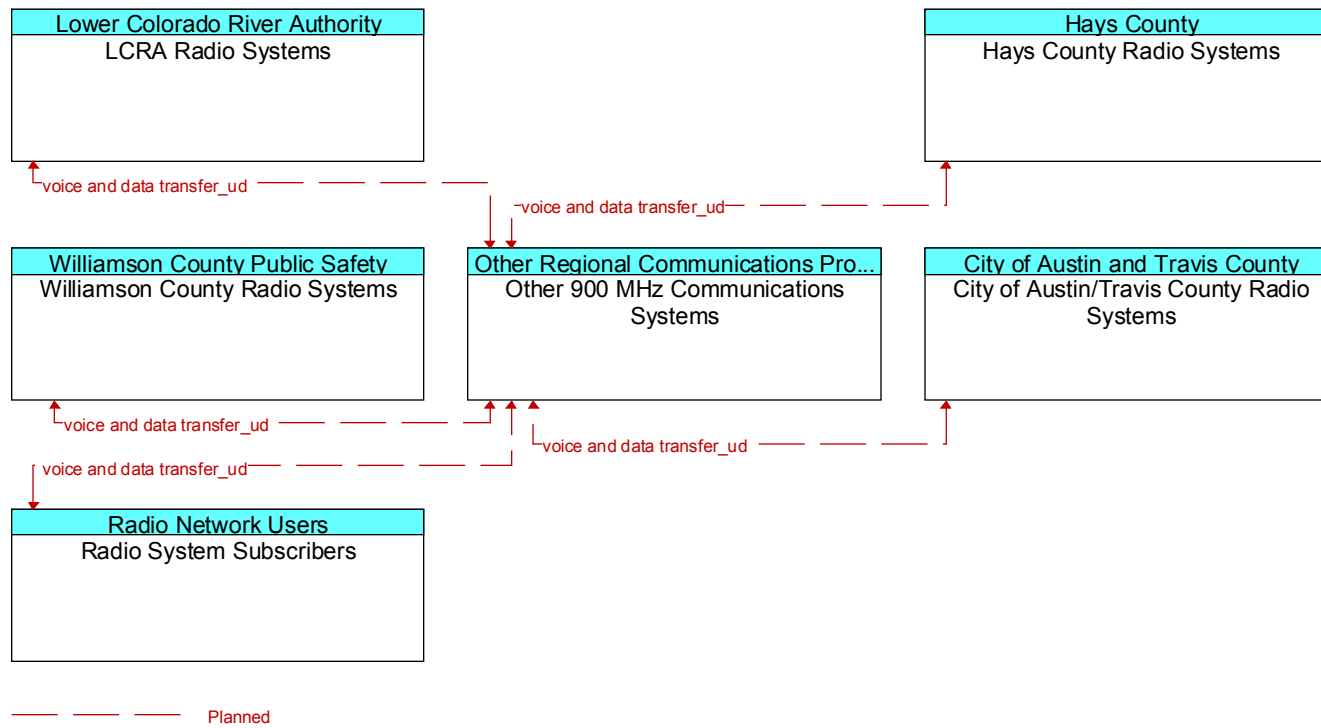


Figure D165 – Private Concierge Service Provider Interfaces

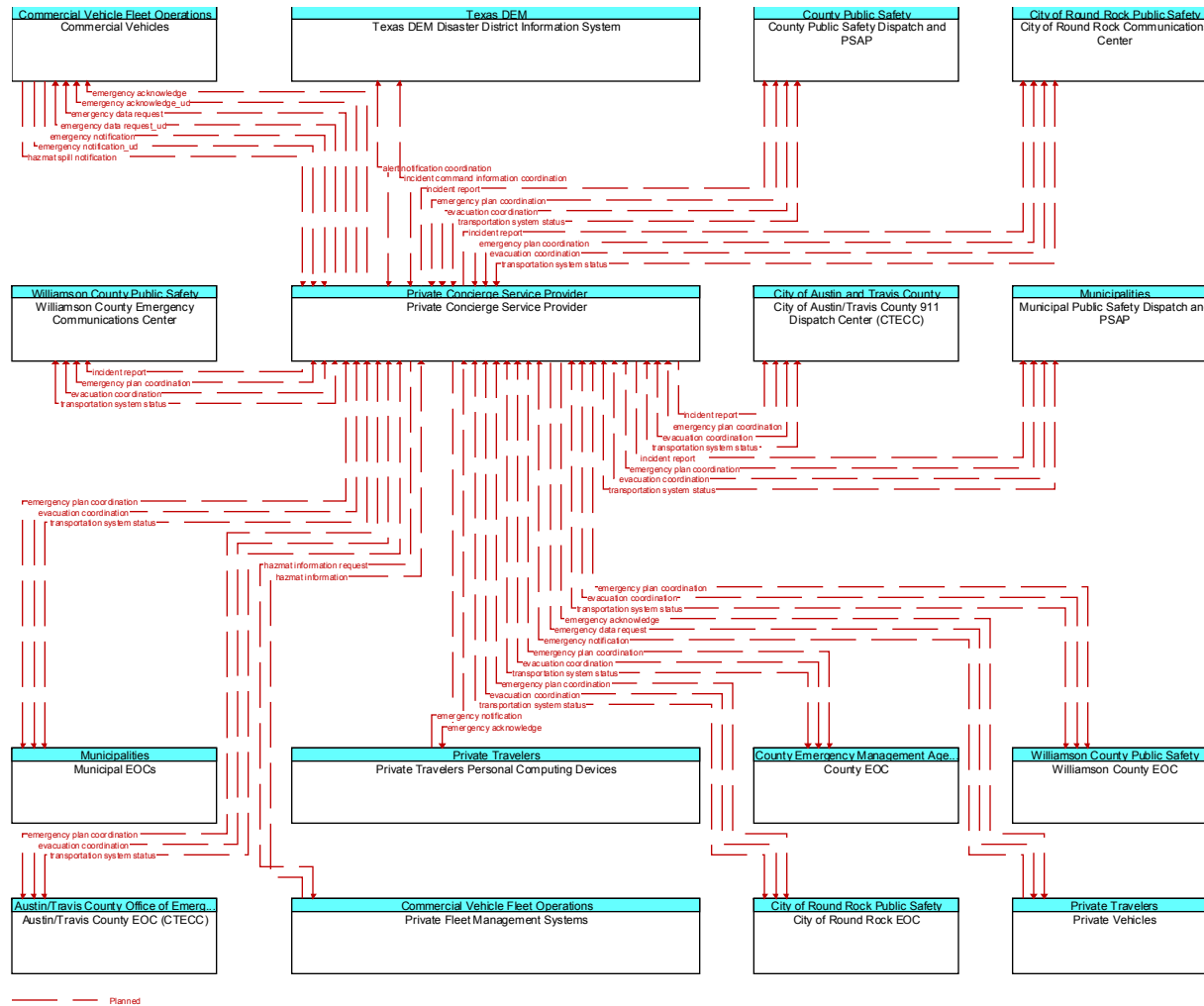


Figure D166 – Private Fleet Management Systems Interfaces

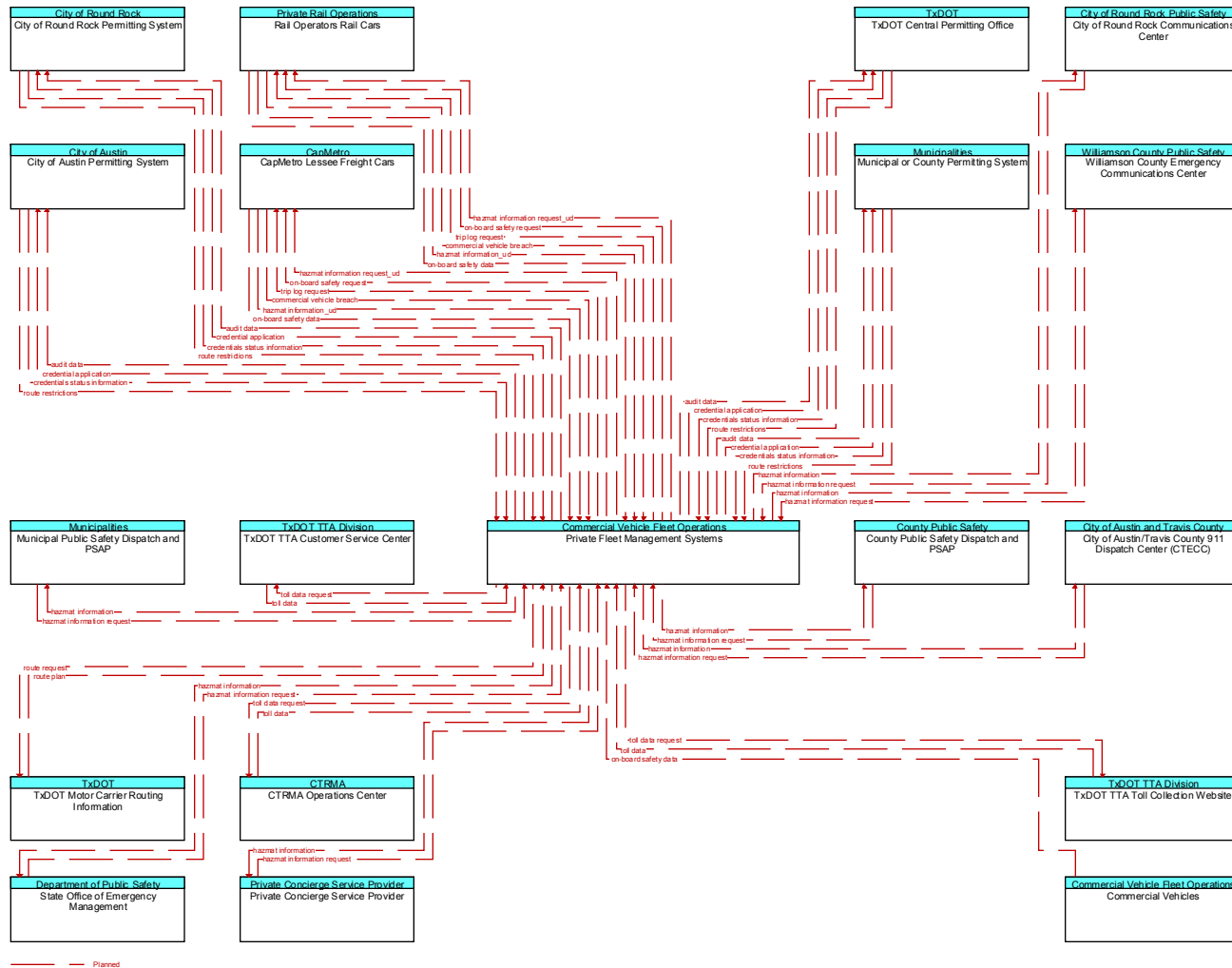


Figure D167 – Private Sector Traveler Information Services Interfaces

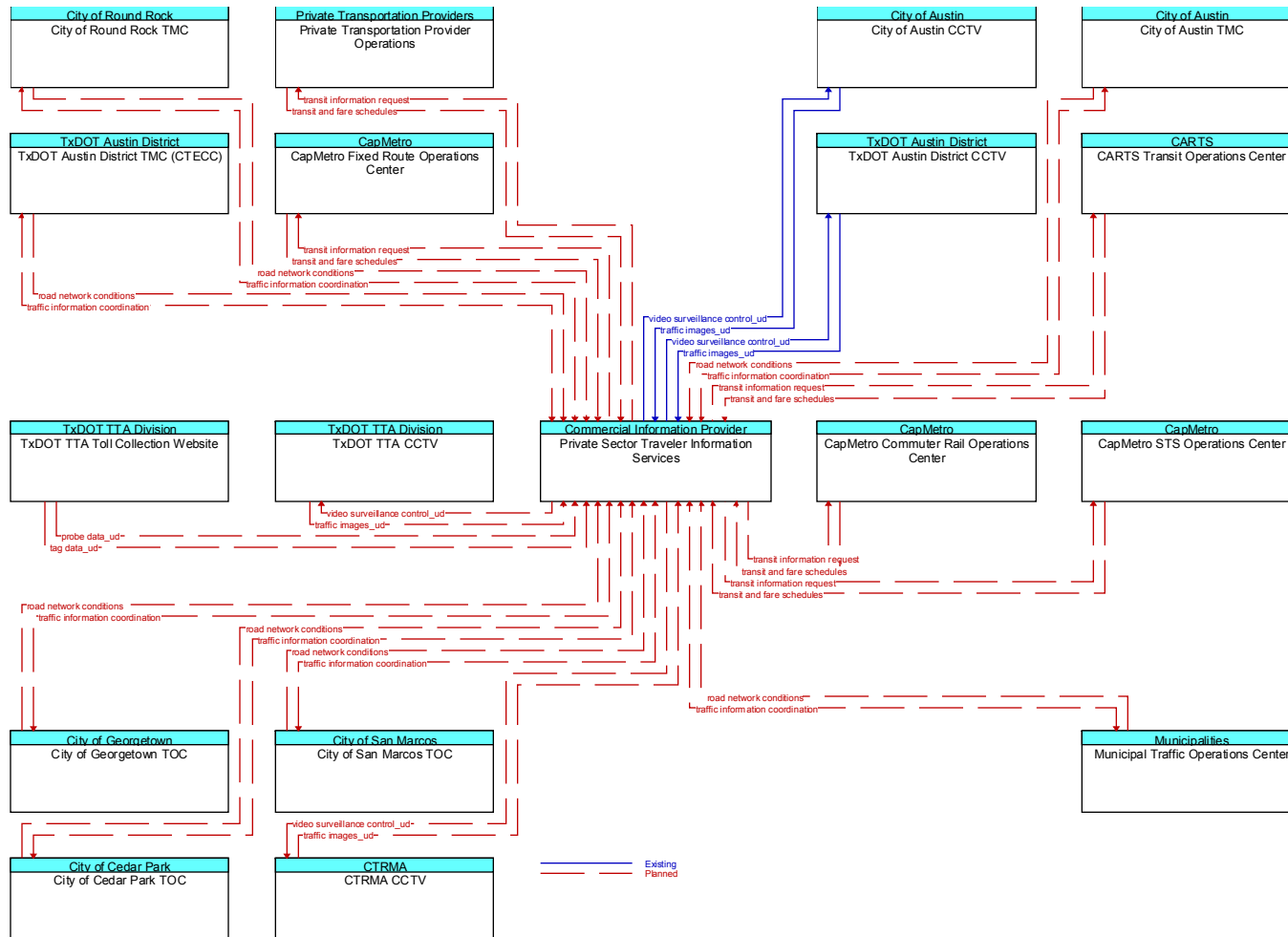




Figure D169 – Private Tow/Wrecker Vehicles Interfaces

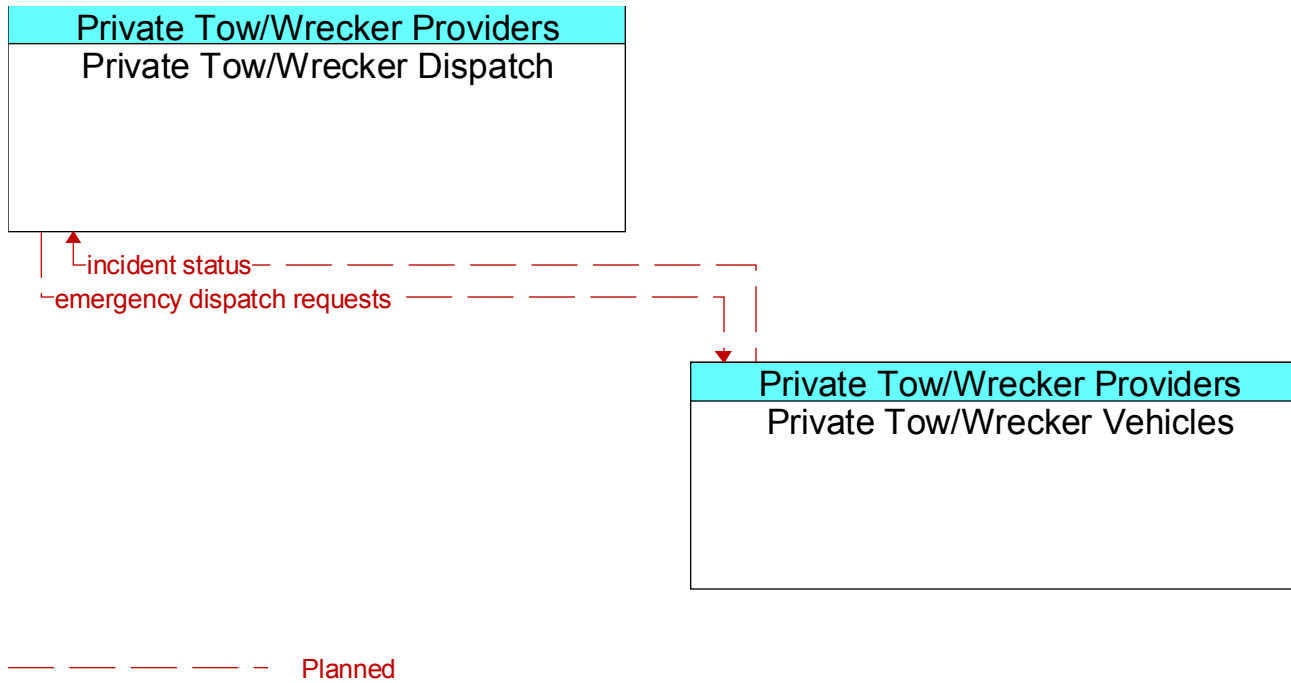


Figure D170 – Private Transportation Provider Demand Response Vehicles Interfaces

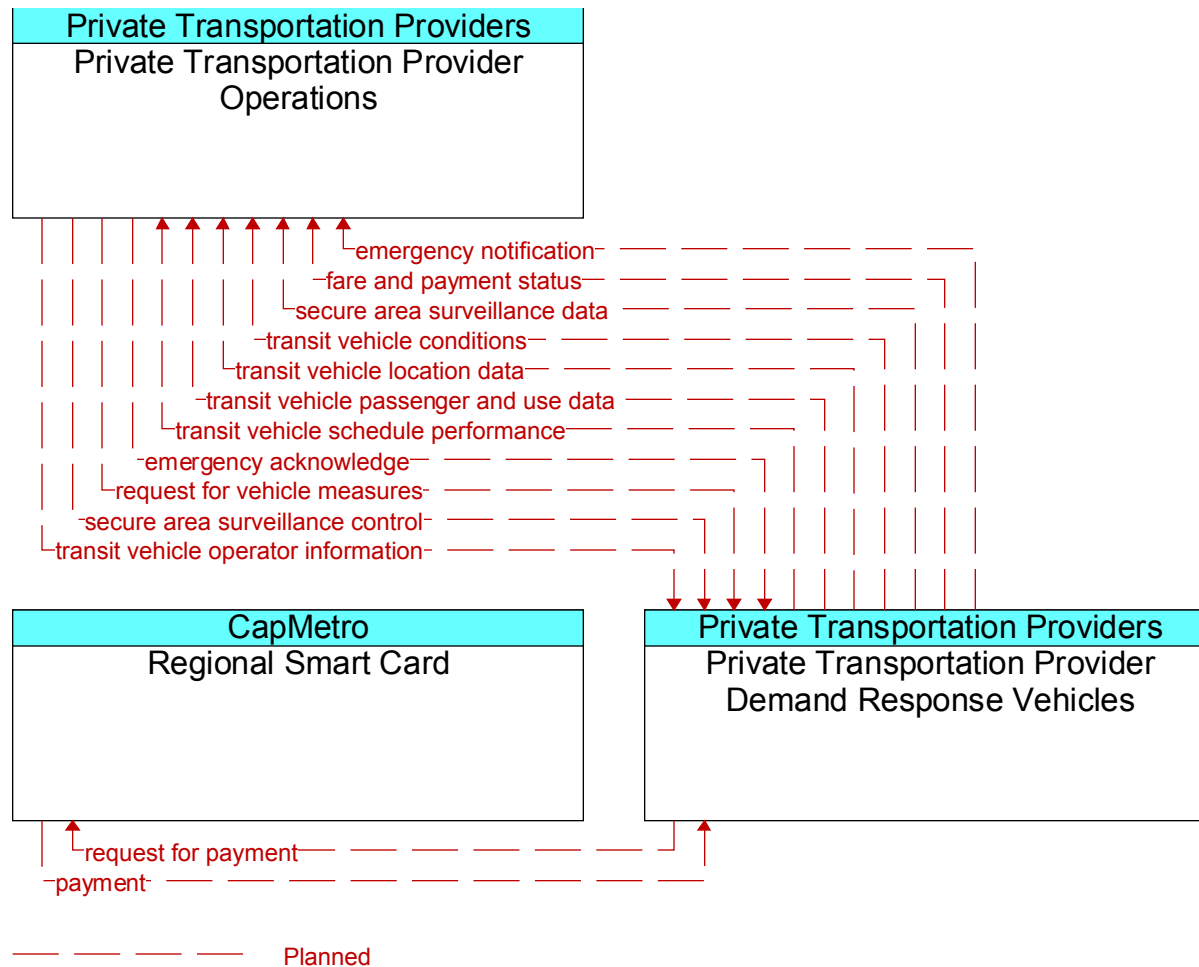




Figure D171 – Private Transportation Provider Fixed Route Vehicles Interfaces

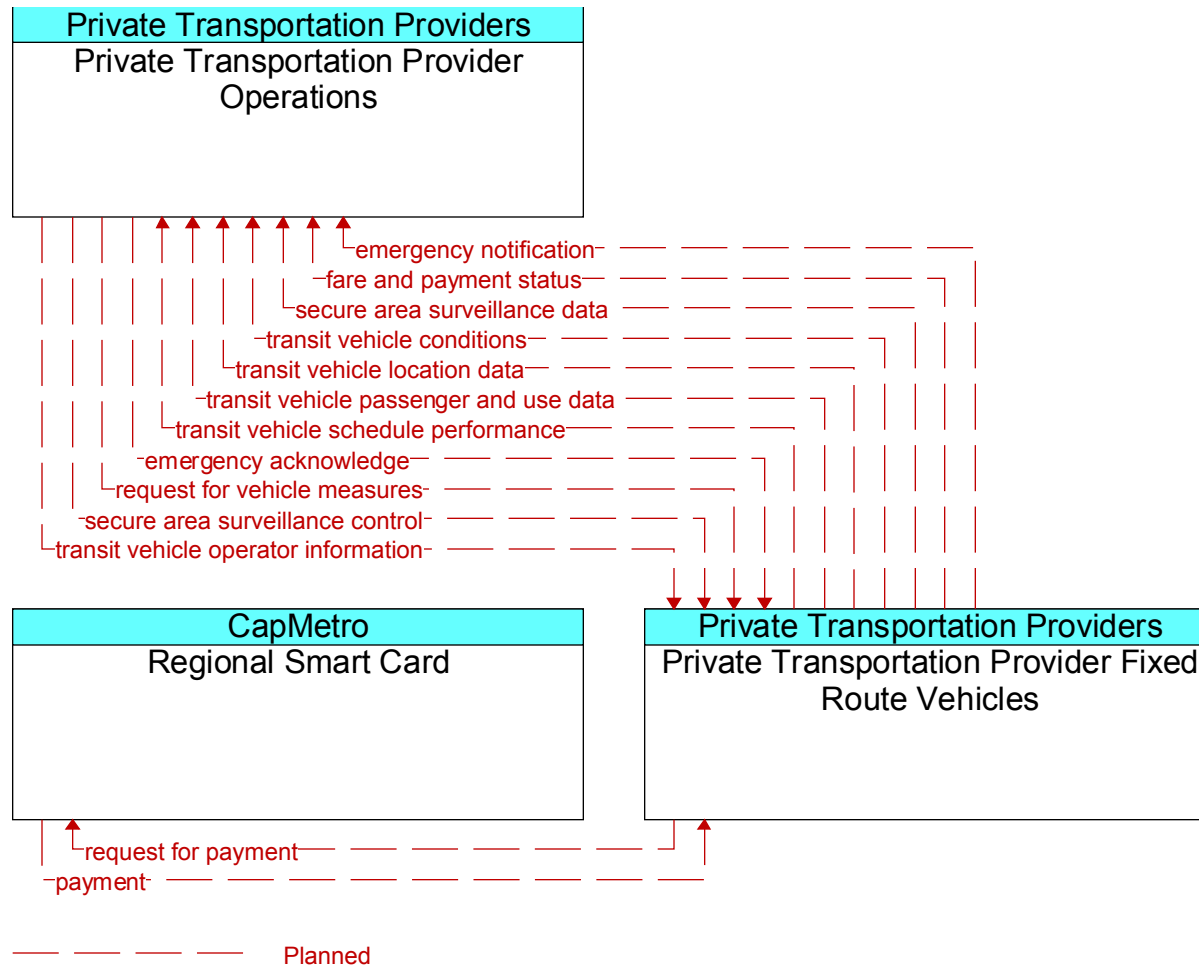


Figure D172 – Private Transportation Provider Kiosks Interfaces

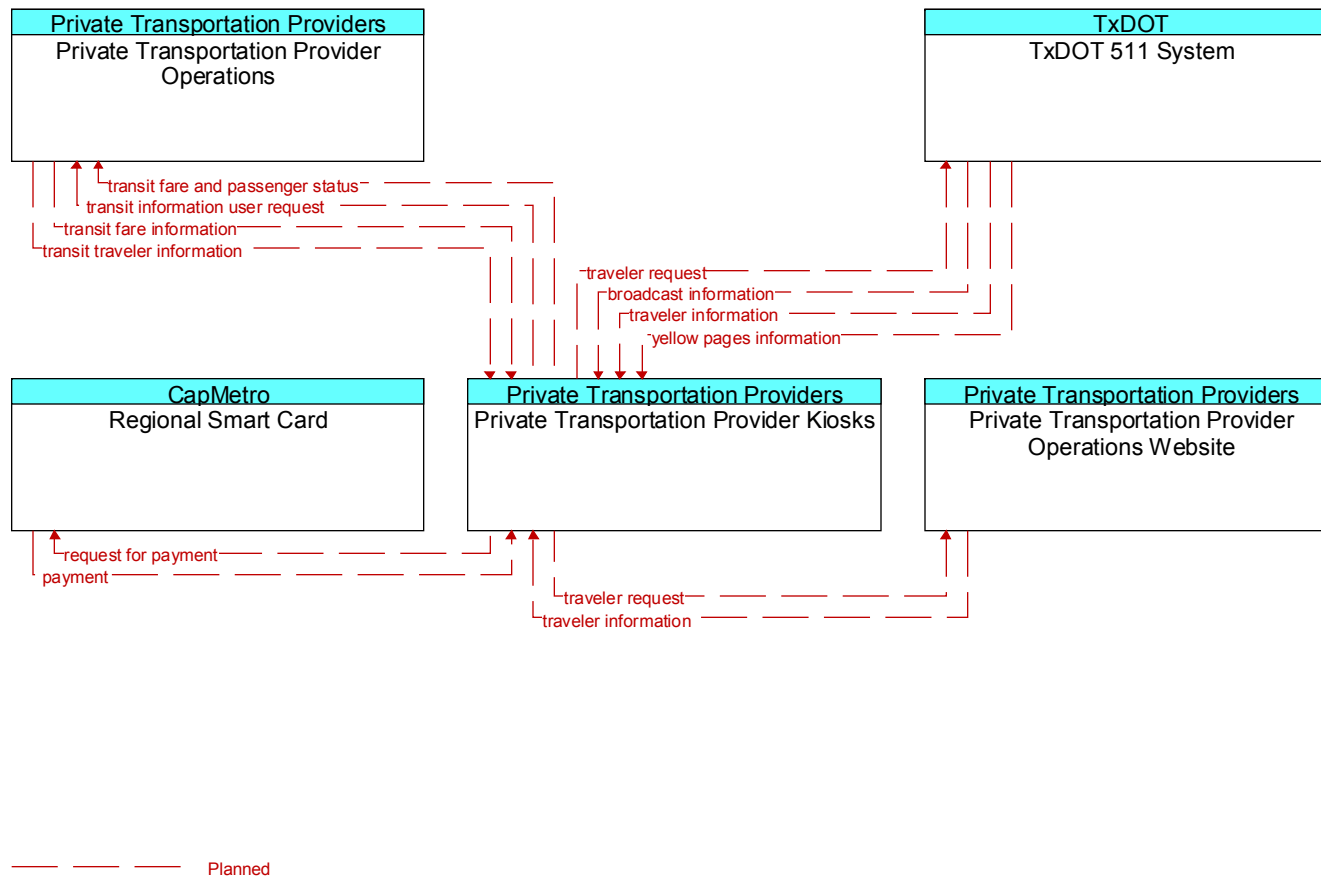
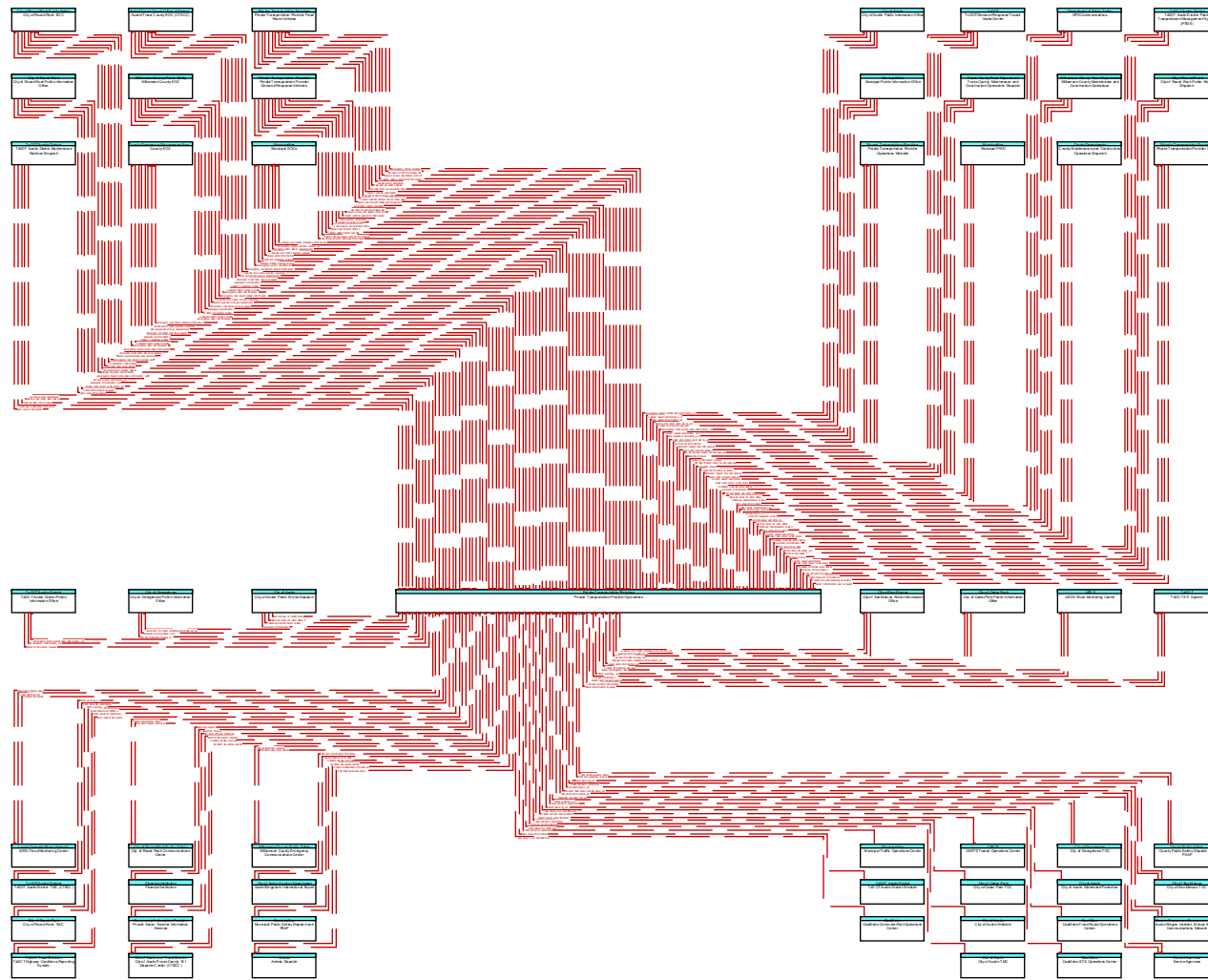


Figure D173 – Private Transportation Provider Operations Interfaces



Source Element	Destination Element	Flow	Status	
Private Transportation Provider Operations	Amtrak Dispatch	transit multimodal information	Planned	
	Austin Bergstrom International Airport	transit multimodal information	Planned	
	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud		Planned
		incident response coordination_ud		Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination		Planned
		emergency transit schedule information		Planned
		emergency transit service response		Planned
		transit system status assessment		Planned
	CapMetro Commuter Rail Operations Center	transit service coordination		Planned
	CapMetro Fixed Route Operations Center	transit service coordination		Planned
	CapMetro STS Operations Center	transit service coordination		Planned
	CARTS Transit Operations Center	transit service coordination		Planned
	City of Austin Public Information Office	emergency transit schedule information_ud		Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	transit emergency data		Planned
	City of Cedar Park Public Information Office	emergency transit schedule information_ud		Planned
	City of Georgetown Public Information Office	emergency transit schedule information_ud		Planned
	City of Round Rock Communications Center	transit emergency data		Planned
	City of Round Rock EOC	emergency plan coordination		Planned
		emergency transit schedule information		Planned
		emergency transit service response		Planned
		transit system status assessment		Planned
	City of Round Rock Public Information Office	emergency transit schedule information_ud		Planned
		emergency transit schedule information_ud		Planned
County EOC	emergency plan coordination		Planned	
	emergency transit schedule information		Planned	
	emergency transit service response		Planned	

Source Element	Destination Element	Flow	Status
Private Transportation Provider Operations (continued)	County EOC (continued)	transit system status assessment	Planned
	County Public Safety Dispatch and PSAP	transit emergency data	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		transit emergency data	Planned
	Financial Institution	payment request	Planned
	LCRA Flood Monitoring Center	transit emergency data	Planned
	Municipal EOCs	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
		transit system status assessment	Planned
	Municipal Public Information Office	emergency transit schedule information_ud	Planned
	Municipal Public Safety Dispatch and PSAP	transit emergency data	Planned
	Private Sector Traveler Information Services	transit and fare schedules	Planned
	Private Transportation Provider Demand Response Vehicles	emergency acknowledge	Planned
		request for vehicle measures	Planned
		secure area surveillance control	Planned
		transit vehicle operator information	Planned
	Private Transportation Provider Fixed Route Vehicles	emergency acknowledge	Planned
		request for vehicle measures	Planned
		secure area surveillance control	Planned
		transit vehicle operator information	Planned
	Private Transportation Provider Kiosks	transit fare information	Planned
		transit traveler information	Planned
	Private Transportation Provider Operations Website	demand responsive transit plan	Planned
		transit and fare schedules	Planned
	Service Agencies	ridership information_ud	Planned
	TxDOT 511 System	transit and fare schedules	Planned
transit incident information		Planned	

Source Element	Destination Element	Flow	Status
Private Transportation Provider Operations (continued)	TxDOT Austin District Public Information Office	emergency transit schedule information_ud	Planned
	TxDOT Austin District Public Transportation Management System (PTMS)	transit archive data	Planned
	TxDOT Demand Response Transit Intake Center	demand responsive transit request	Planned
		selected routes	Planned
		transit information request	Planned
	USGS Flood Monitoring Center	transit emergency data	Planned
	Williamson County Emergency Communications Center	transit emergency data	Planned
	Williamson County EOC	emergency plan coordination	Planned
		emergency transit schedule information	Planned
		emergency transit service response	Planned
transit system status assessment		Planned	

Figure D174 – Private Transportation Provider Operations Website Interfaces

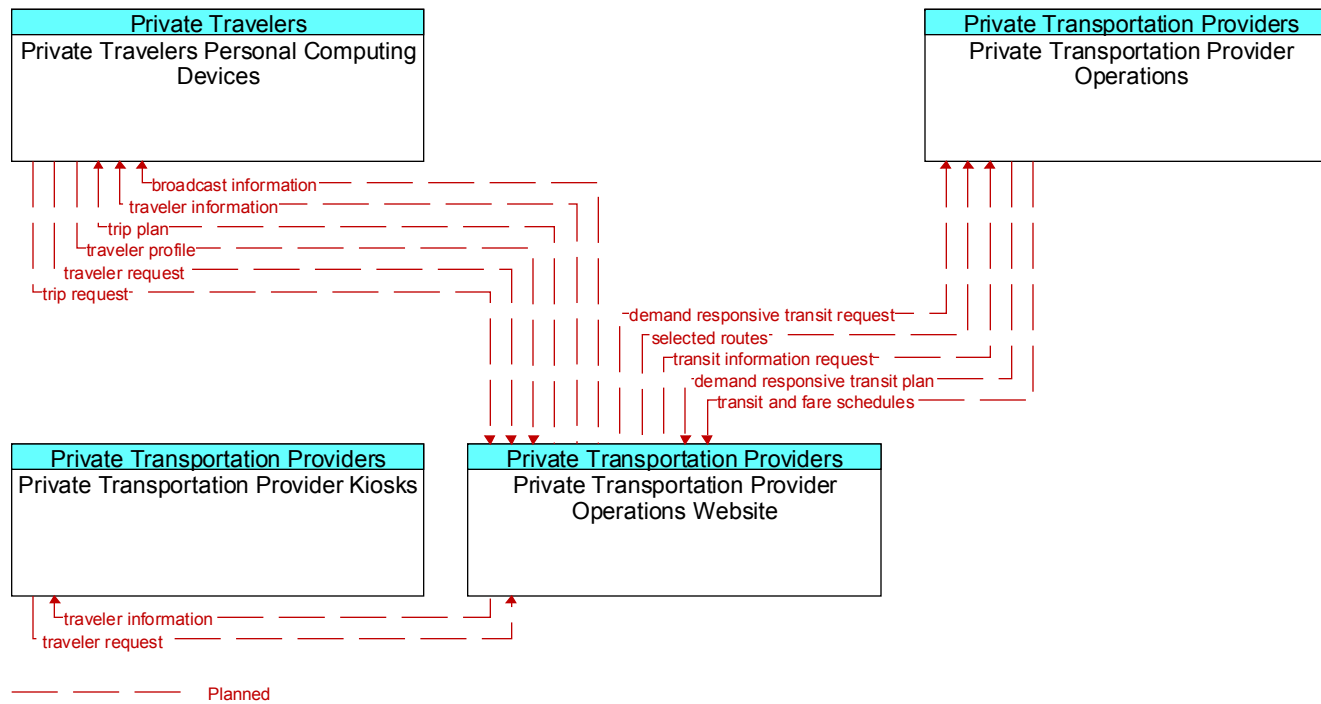


Figure D175 – Private Travelers Personal Computing Devices Interfaces

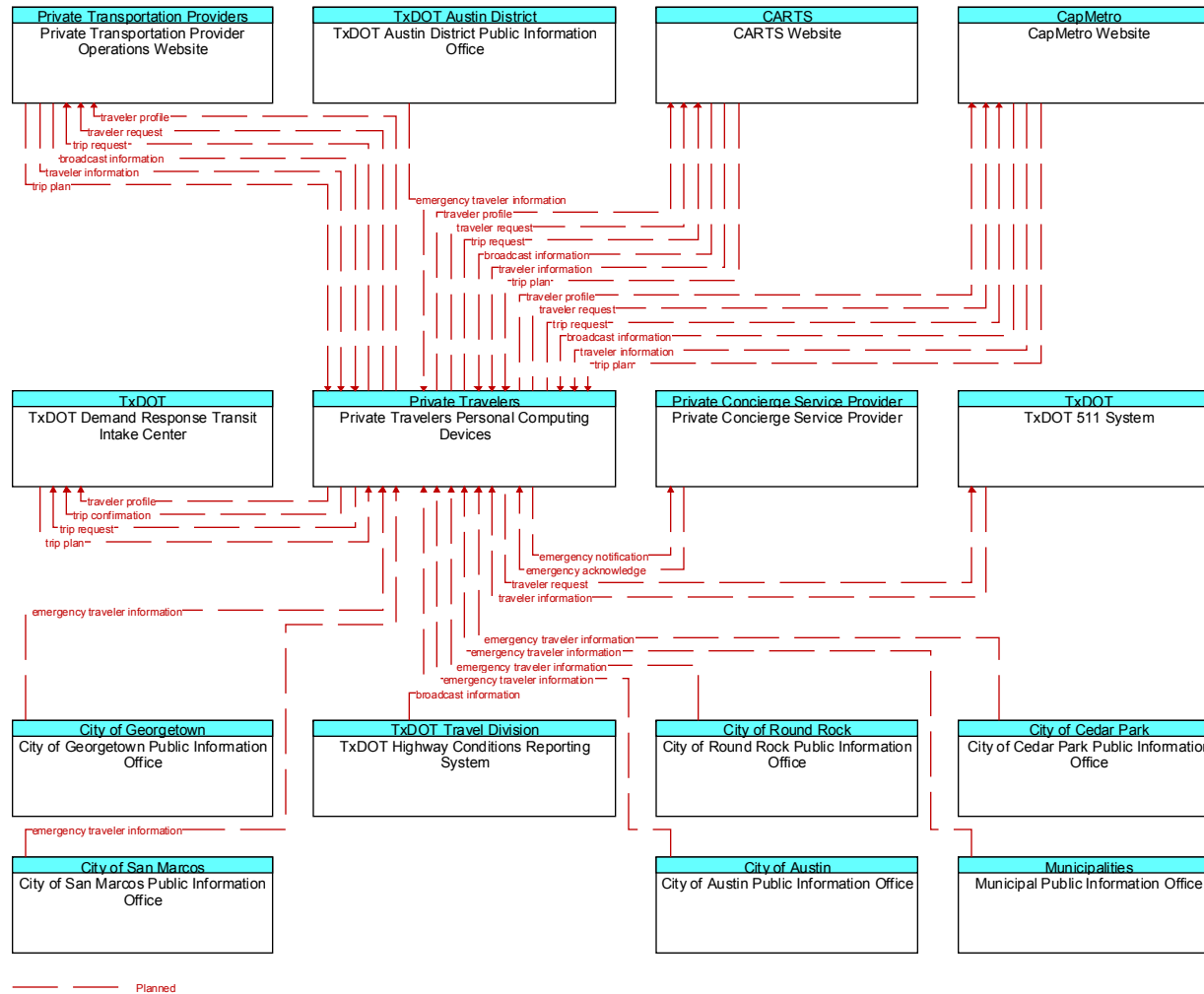




Figure D176 – Private Vehicles Interfaces

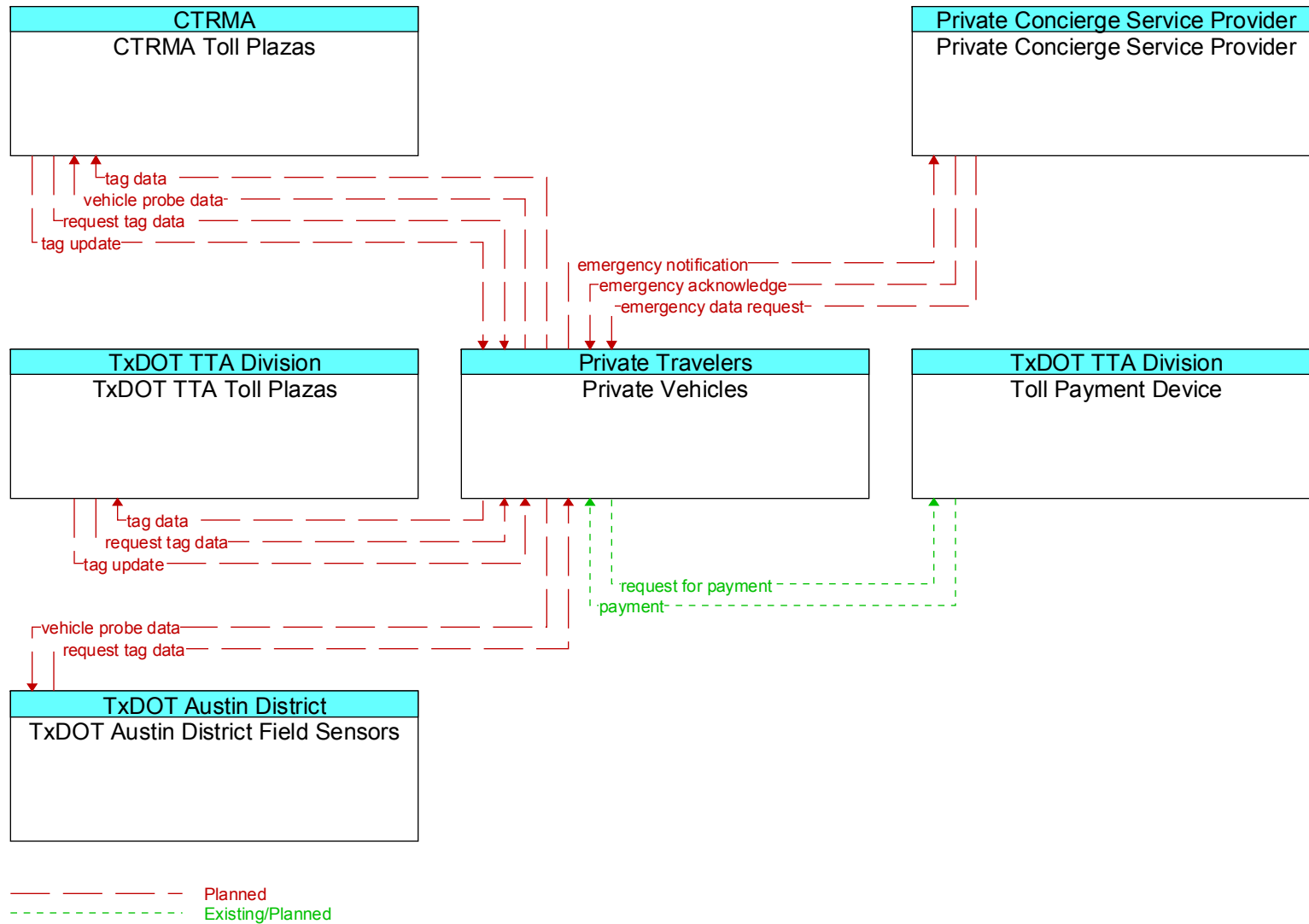
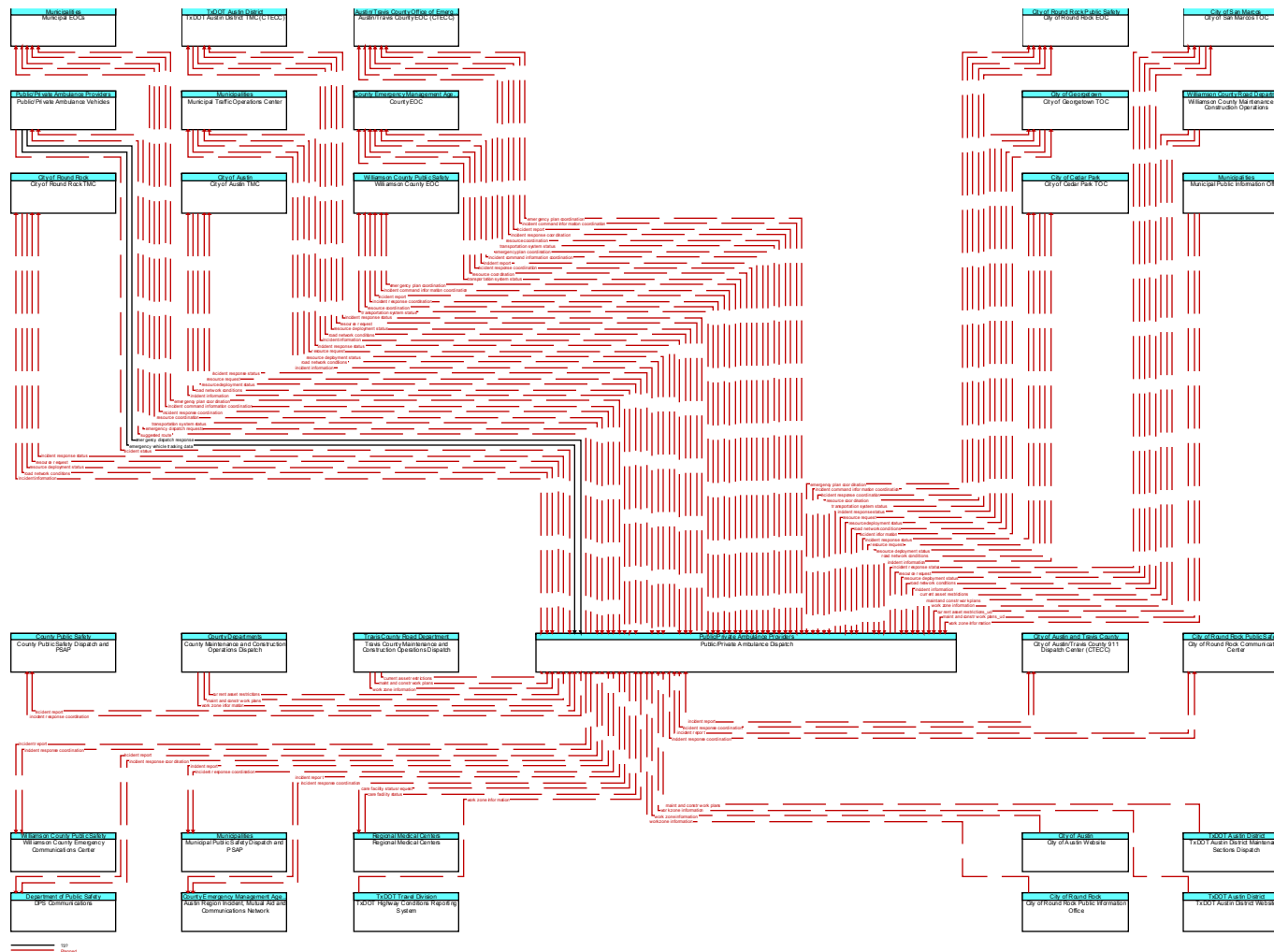


Figure D177 – Public/Private Ambulance Dispatch Interfaces



Source Element	Destination Element	Flow	Status
Public/Private Ambulance Dispatch	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	City of Austin TMC	incident information	Planned
		incident response status	Planned
		resource request	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident report	Planned
		incident response coordination	Planned
	City of Cedar Park TOC	incident information	Planned
		incident response status	Planned
		resource request	Planned
	City of Georgetown TOC	incident information	Planned
		incident response status	Planned
		resource request	Planned
	City of Round Rock Communications Center	incident report	Planned
		incident response coordination	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
resource coordination		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
Public/Private Ambulance Dispatch (continued)	City of Round Rock TMC	incident information	Planned
		incident response status	Planned
		resource request	Planned
	City of San Marcos TOC	incident information	Planned
		incident response status	Planned
		resource request	Planned
	County EOC	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	County Public Safety Dispatch and PSAP	incident report	Planned
		incident response coordination	Planned
	DPS Communications	incident report	Planned
		incident response coordination	Planned
	Municipal EOCs	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
transportation system status		Planned	
Municipal Public Safety Dispatch and PSAP	incident report	Planned	
	incident response coordination	Planned	
Municipal Traffic Operations Center	incident information	Planned	
	incident response status	Planned	
	resource request	Planned	
Public/Private Ambulance Vehicles	emergency dispatch requests	Planned	
	suggested route	Planned	

Source Element	Destination Element	Flow	Status
Public/Private Ambulance Dispatch (continued)	Regional Medical Centers	care facility status request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Planned
		incident response status	Planned
		resource request	Planned
	Williamson County Emergency Communications Center	incident report	Planned
		incident response coordination	Planned
	Williamson County EOC	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned

Figure D178 – Public/Private Ambulance Vehicles Interfaces

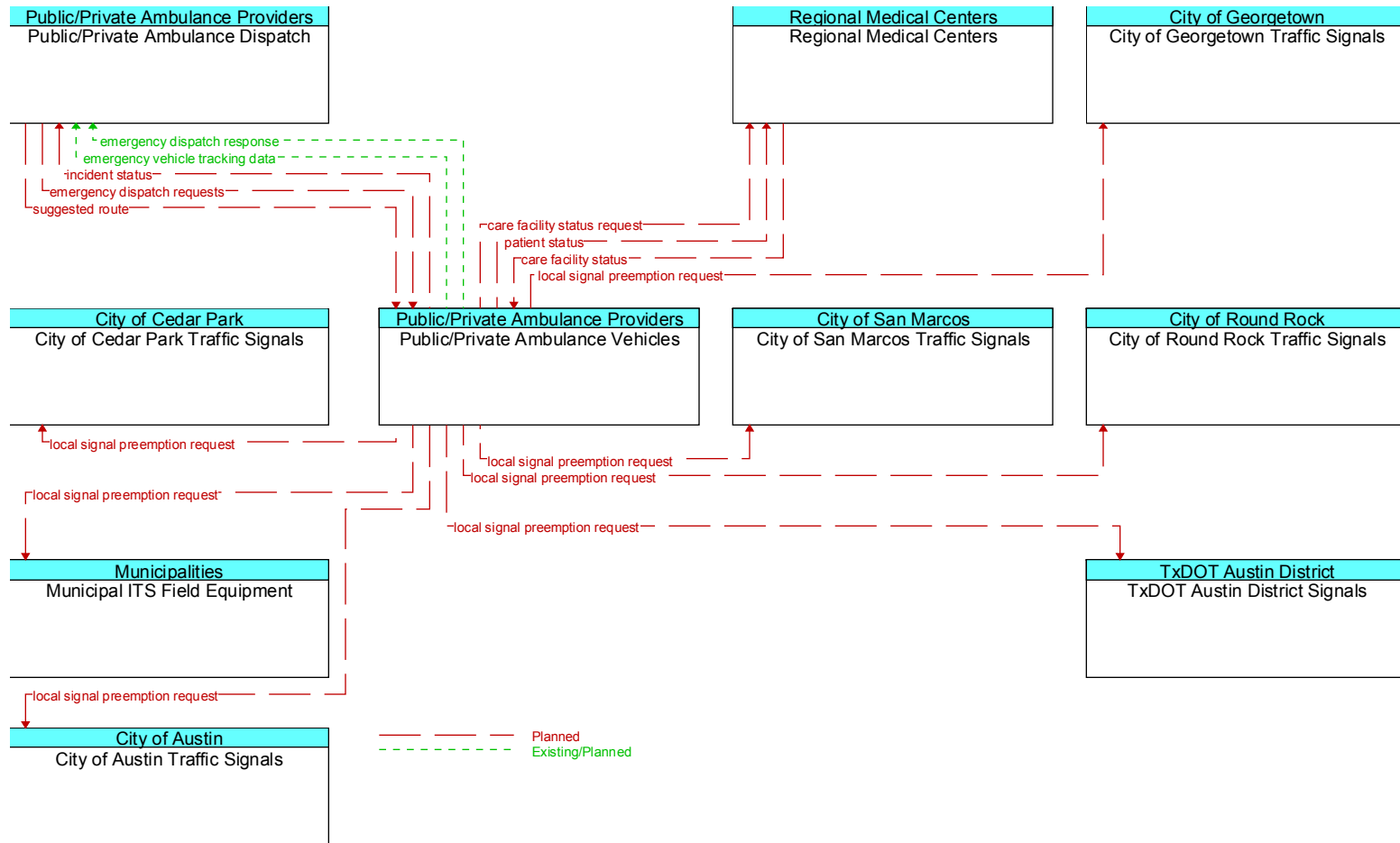


Figure D179 – Radio System Subscribers Interfaces

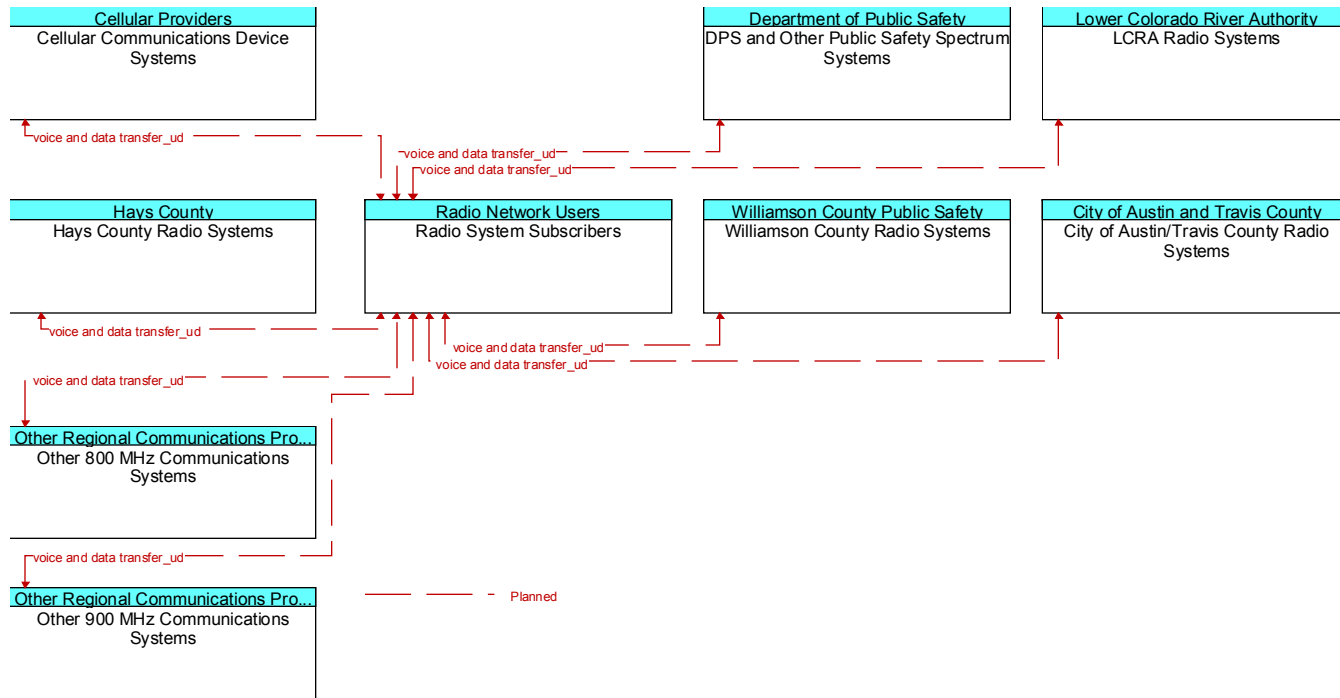






Figure D181 – Rail Operators Rail Cars Interfaces

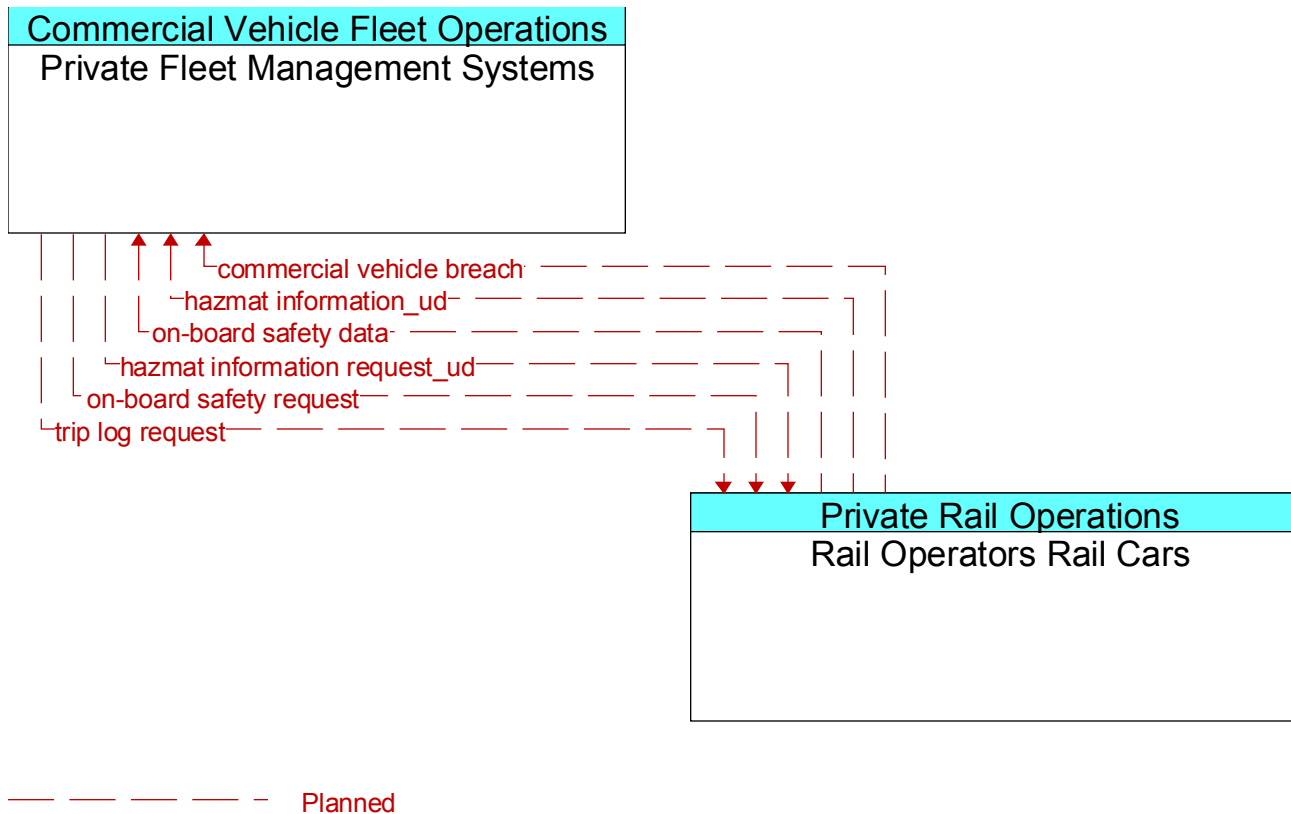


Figure D182 – Rail Operators Wayside Equipment Interfaces

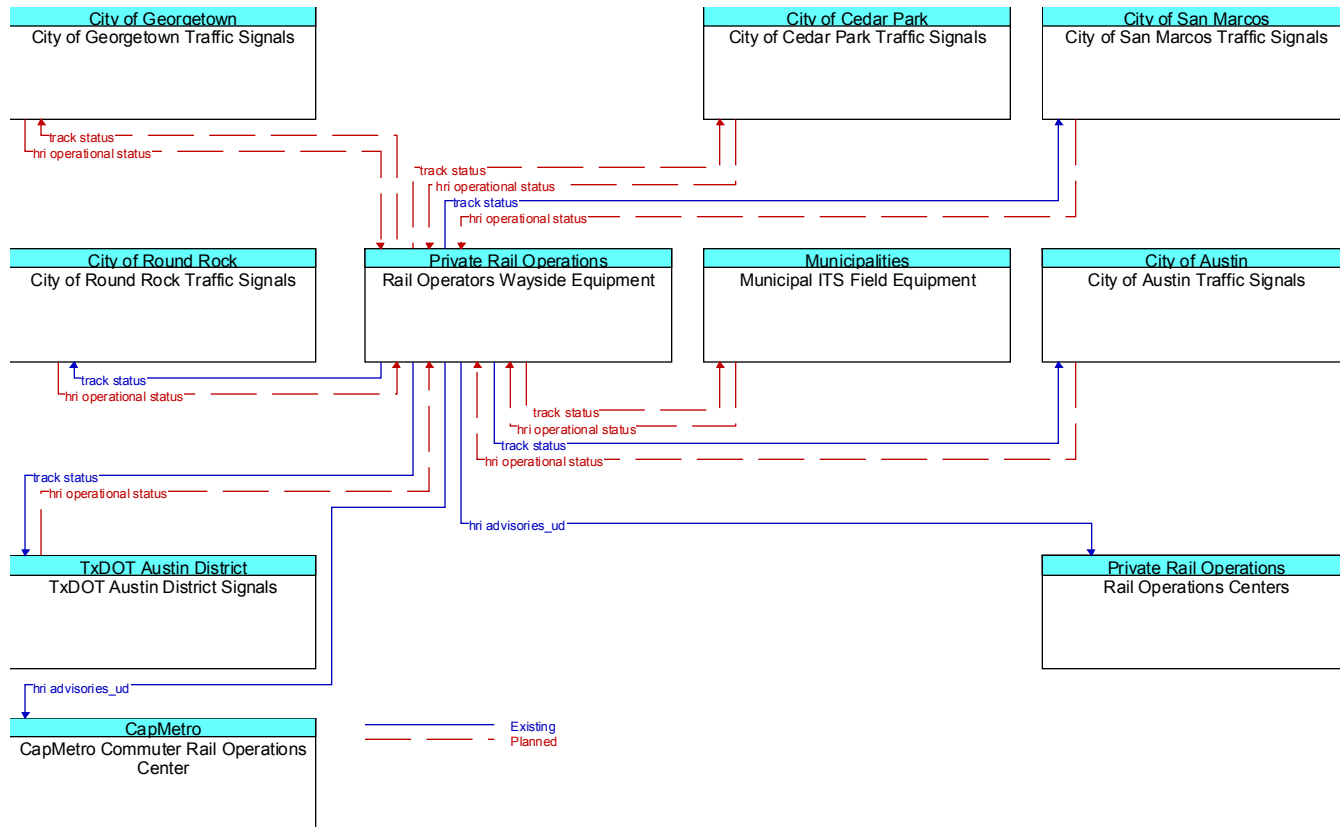


Figure D183 – Regional Medical Centers Interfaces

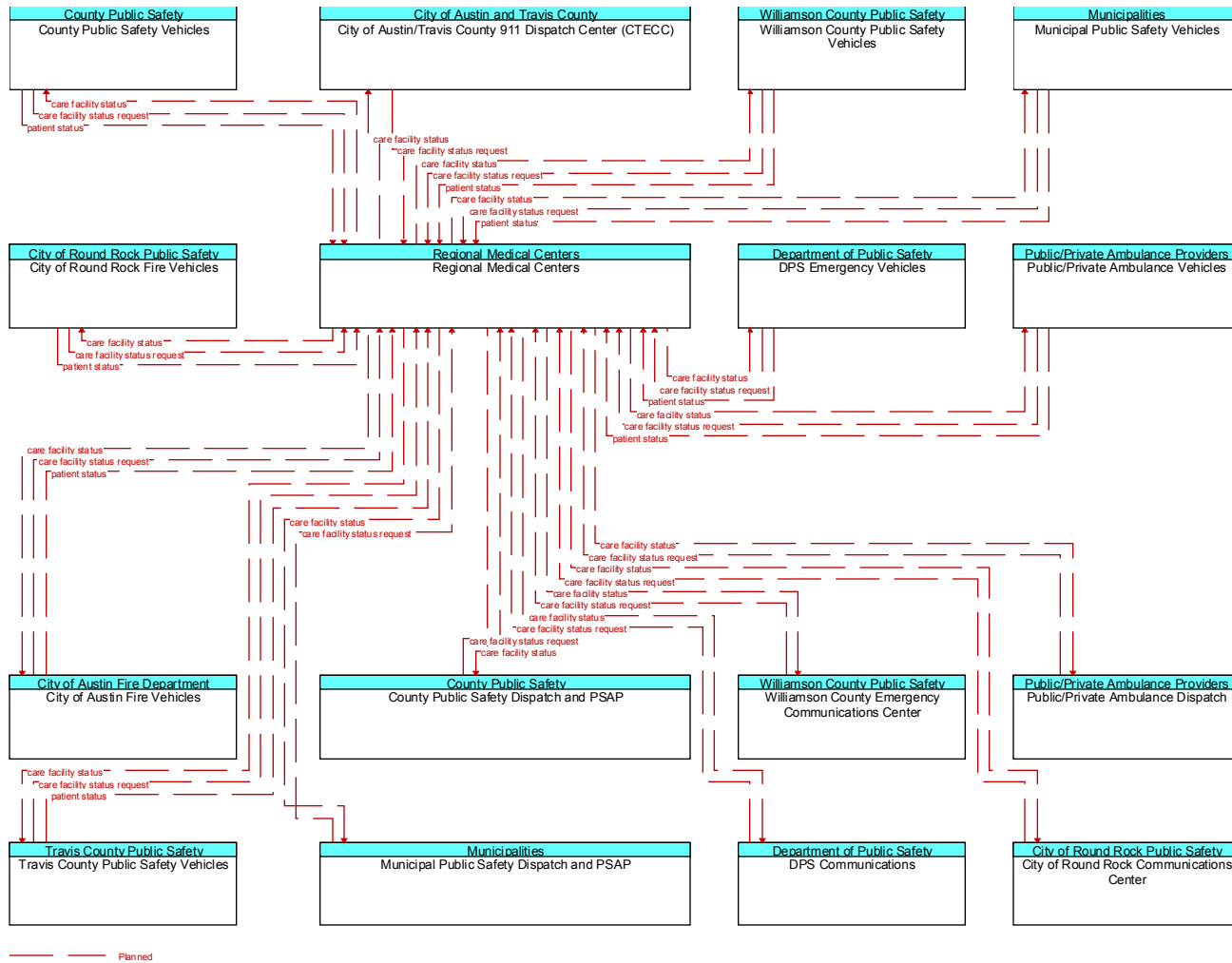


Figure D184 – Regional Smart Card Interfaces

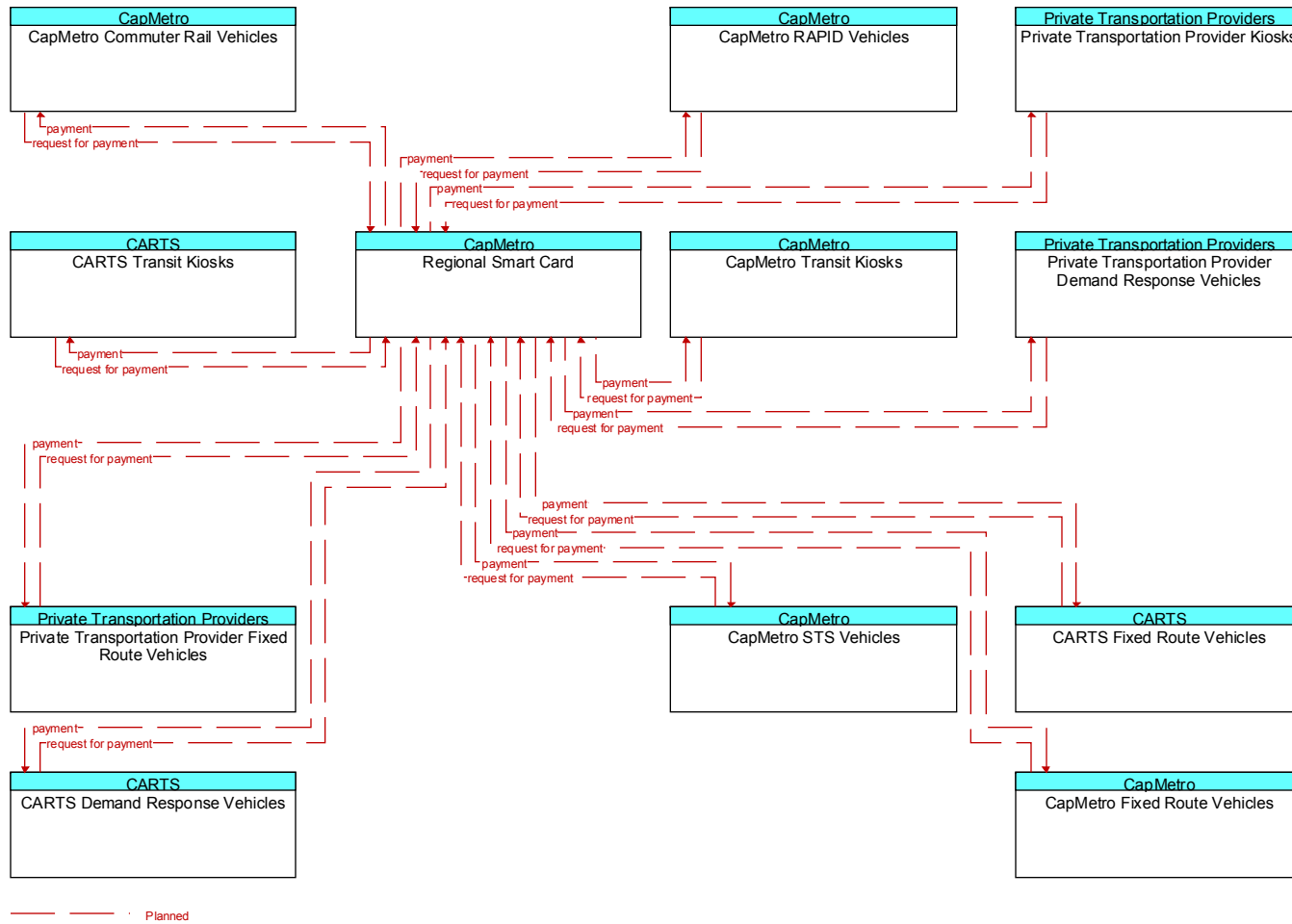


Figure D185 – Regional Utility Companies Interfaces

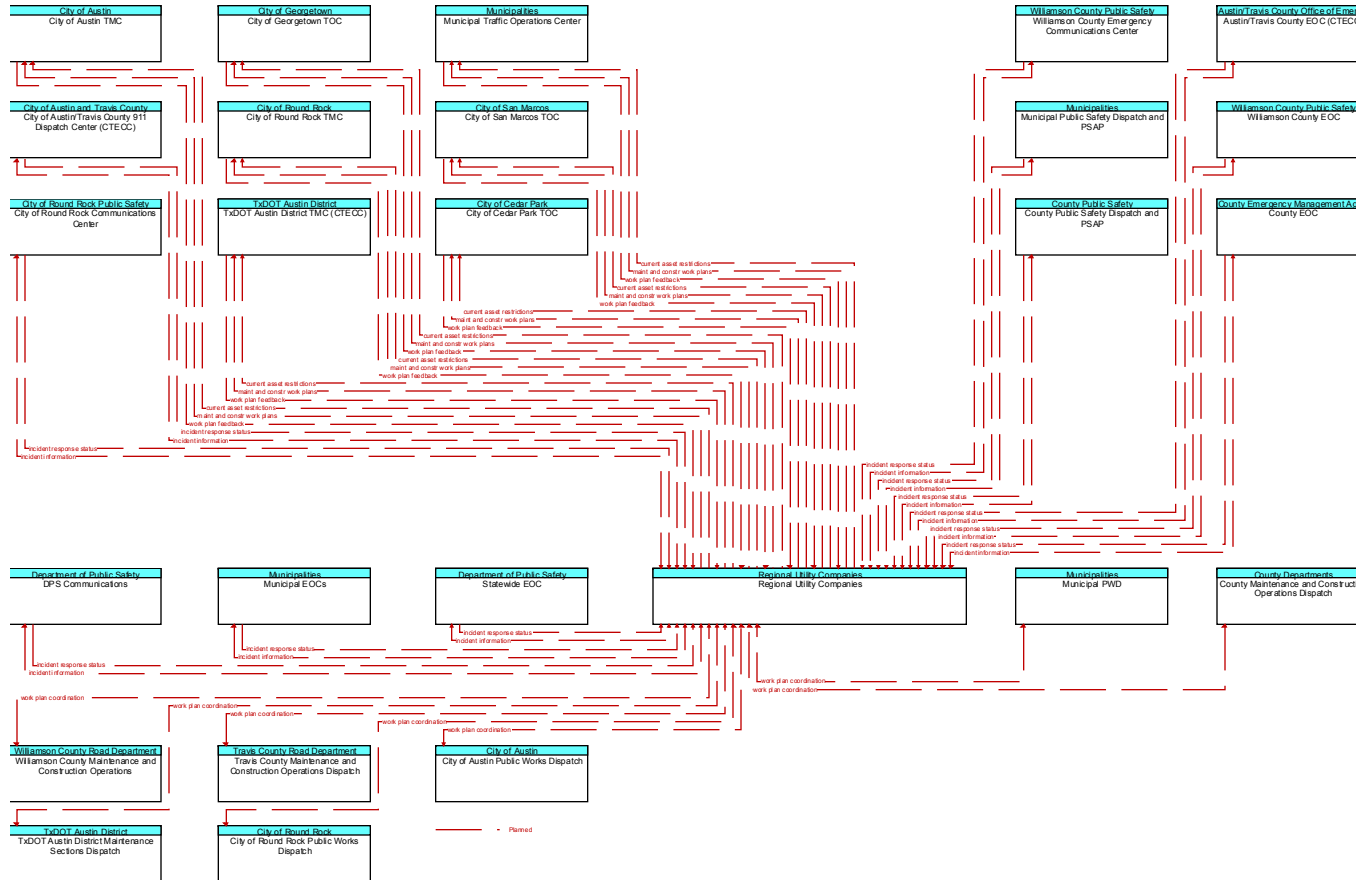


Figure D186 – Rural Fire Department Dispatch Interfaces

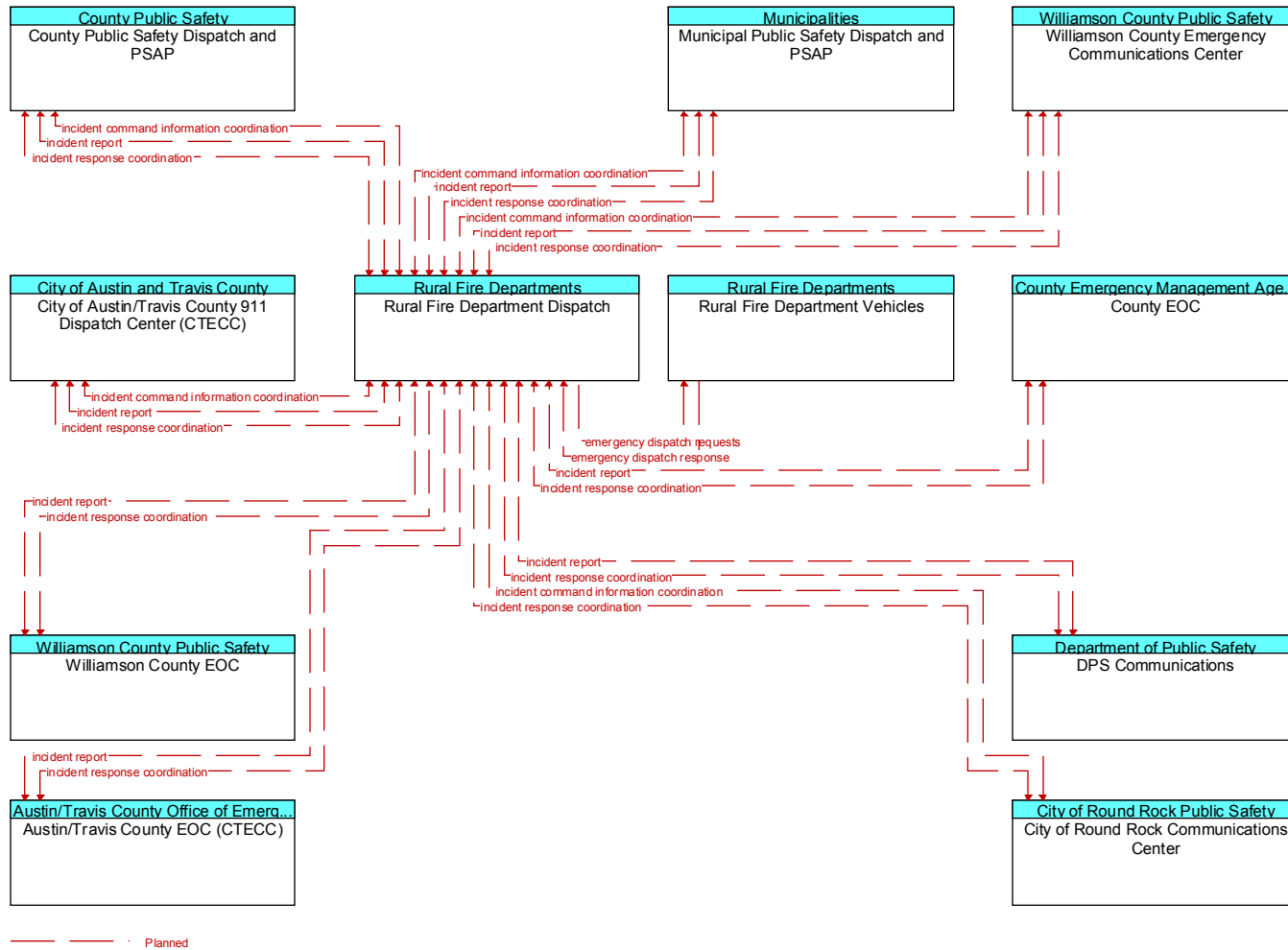


Figure D187 – Rural Fire Department Vehicles Interfaces

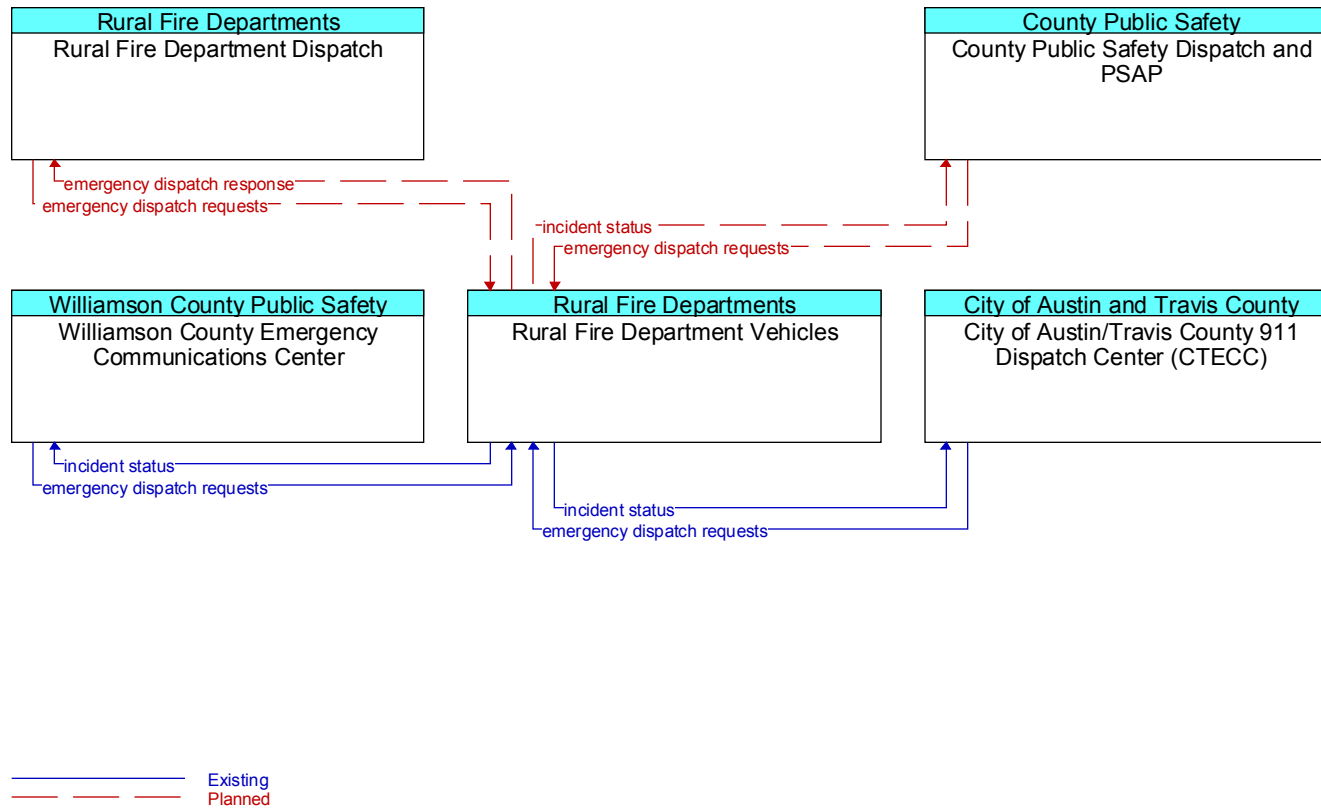


Figure D188 – Service Agencies Interfaces

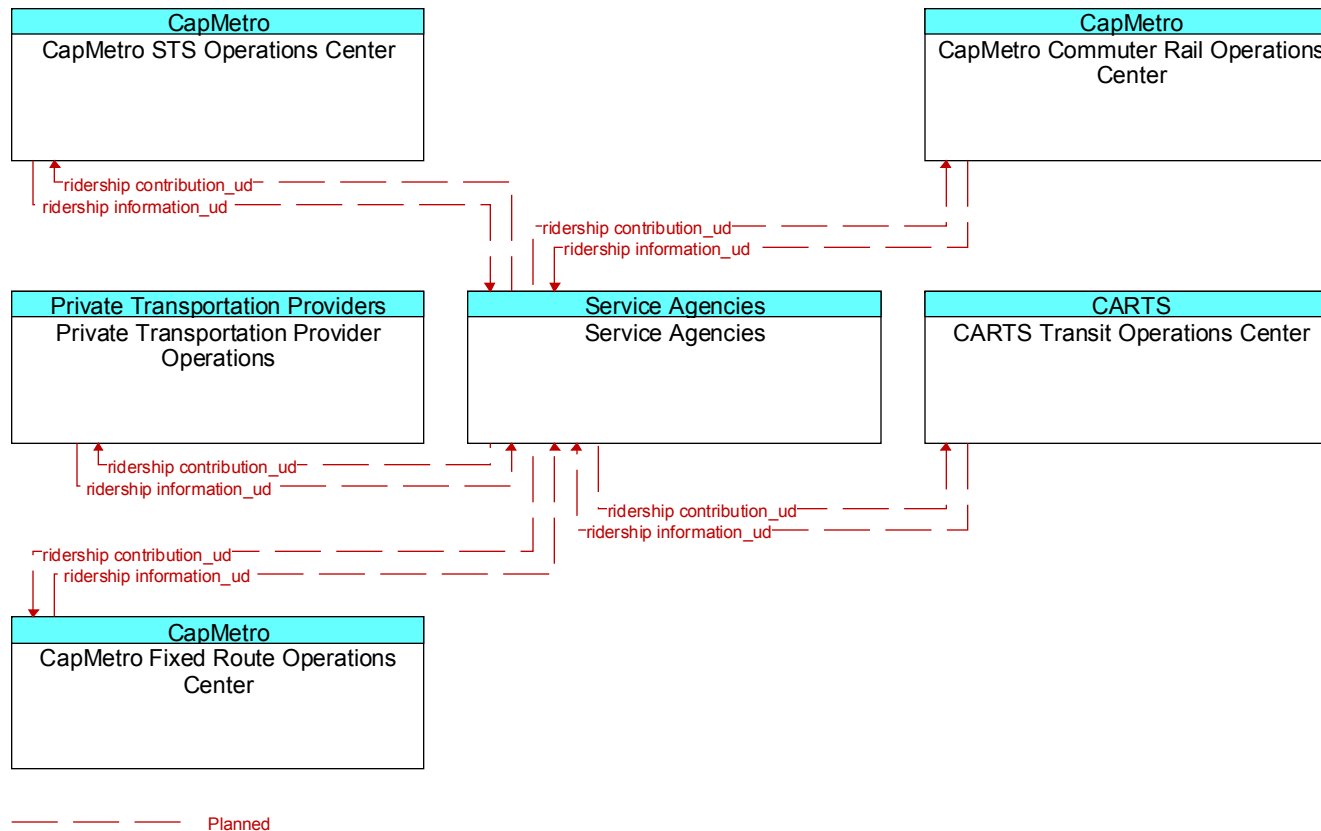




Figure D189 – Special Event Sponsors and Promoters Interfaces

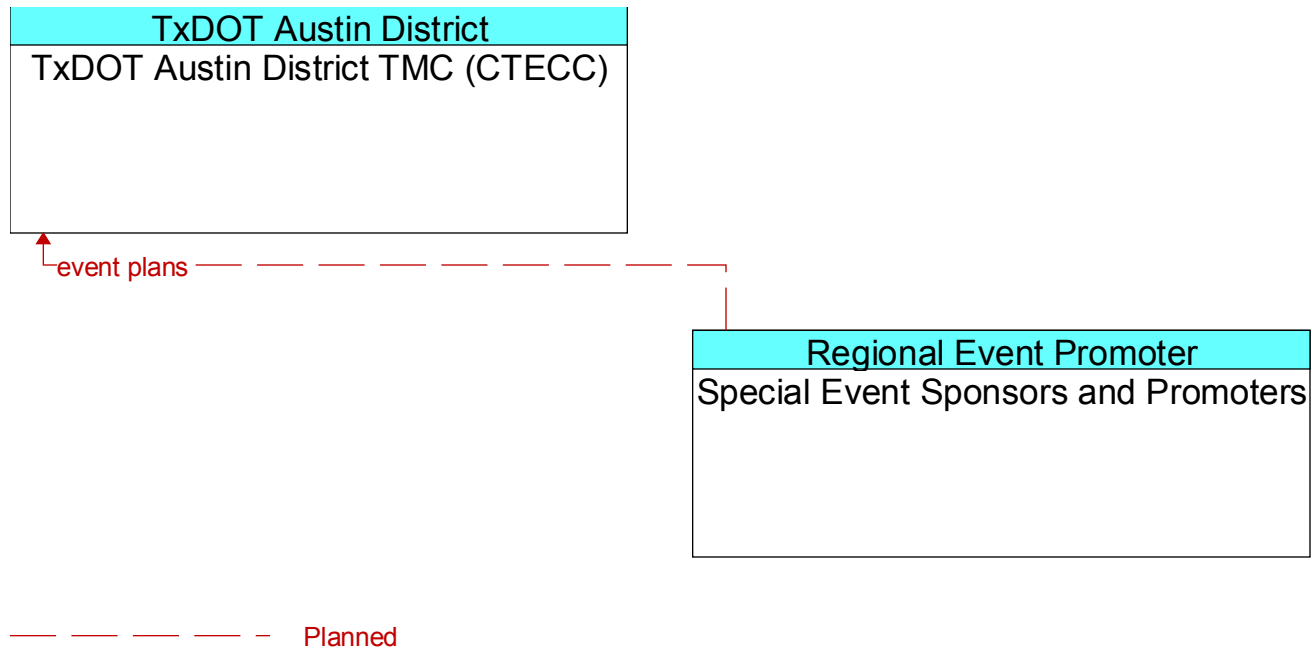


Figure D190 – State Office of Emergency Management Interfaces

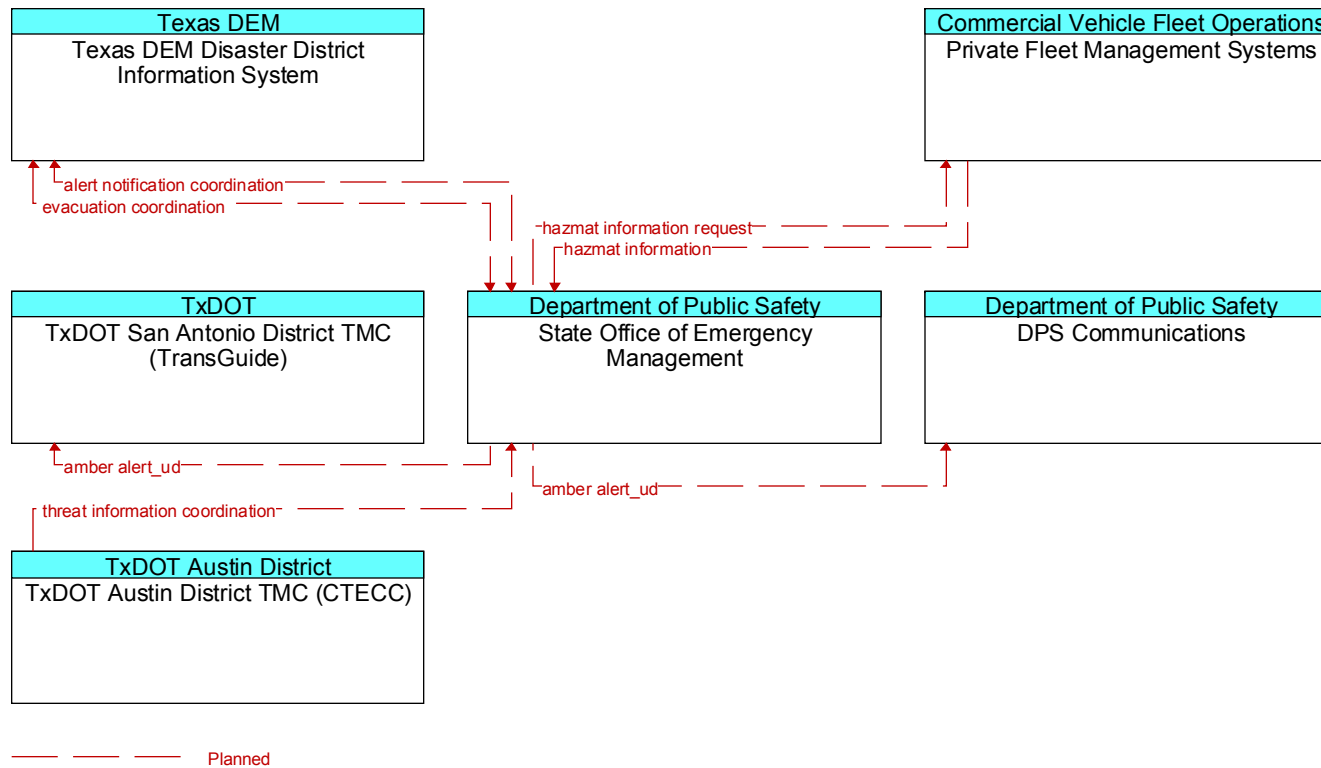


Figure D191 – Statewide Crash Records Information System Interfaces

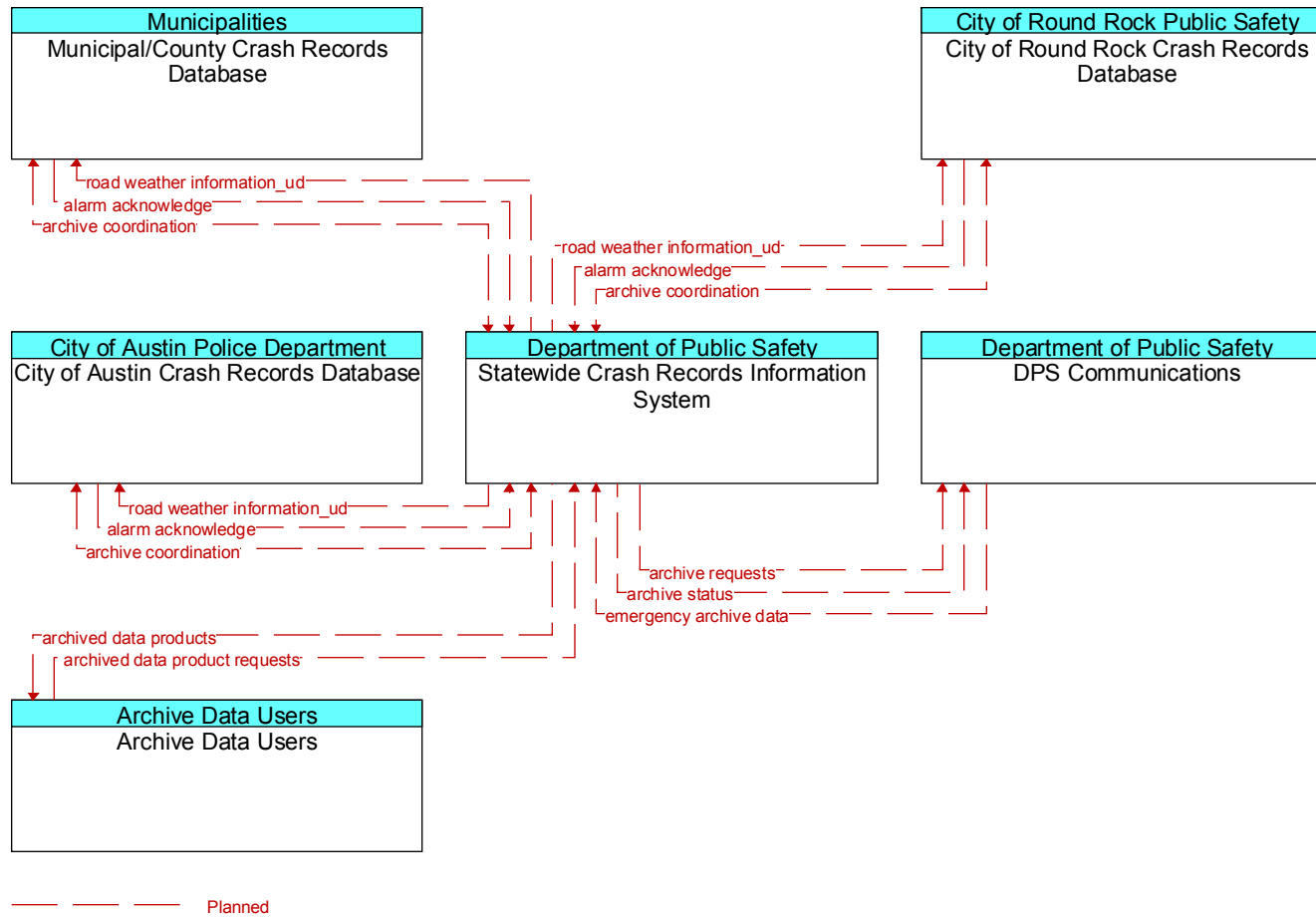


Figure D192 – Statewide EOC Interfaces

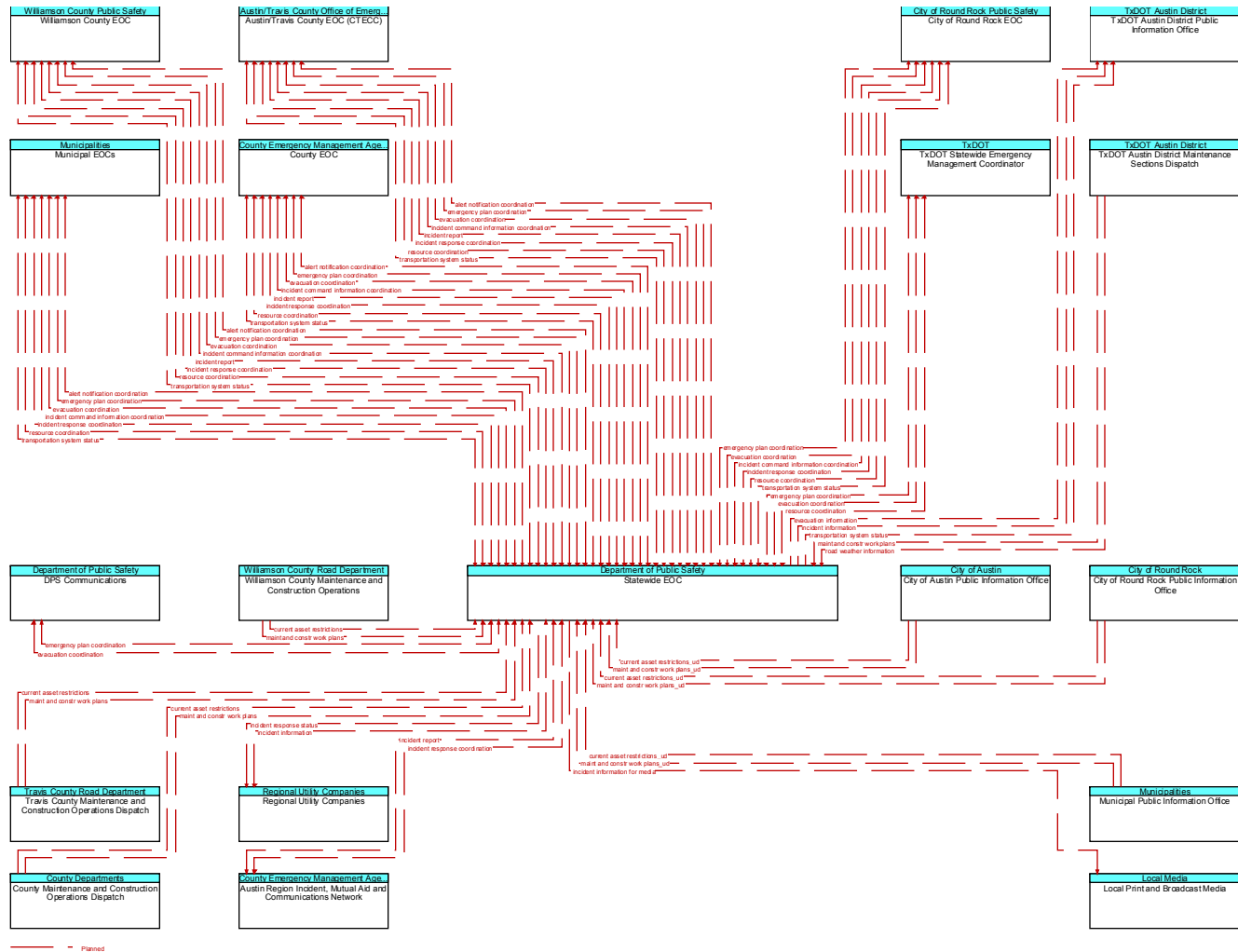


Figure D193 – Statewide Toll Collection SmartHUB Interfaces

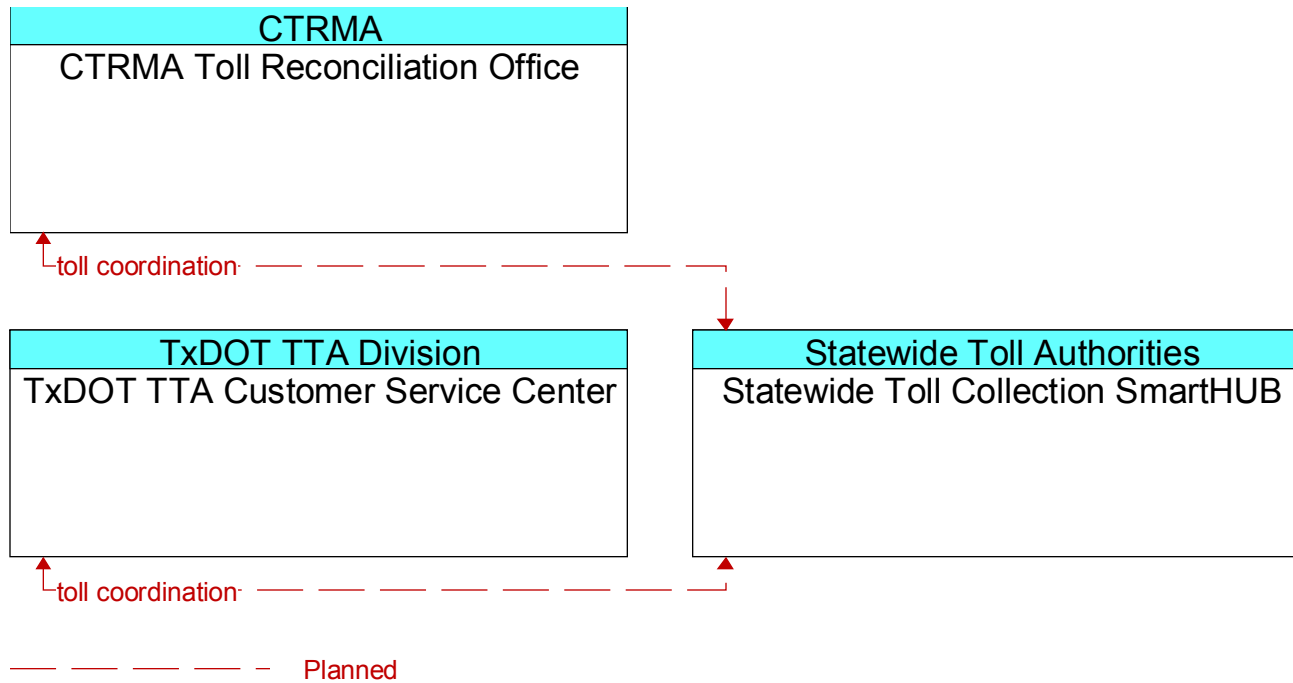


Figure D194 – TCEQ Field Emissions Monitors Interfaces

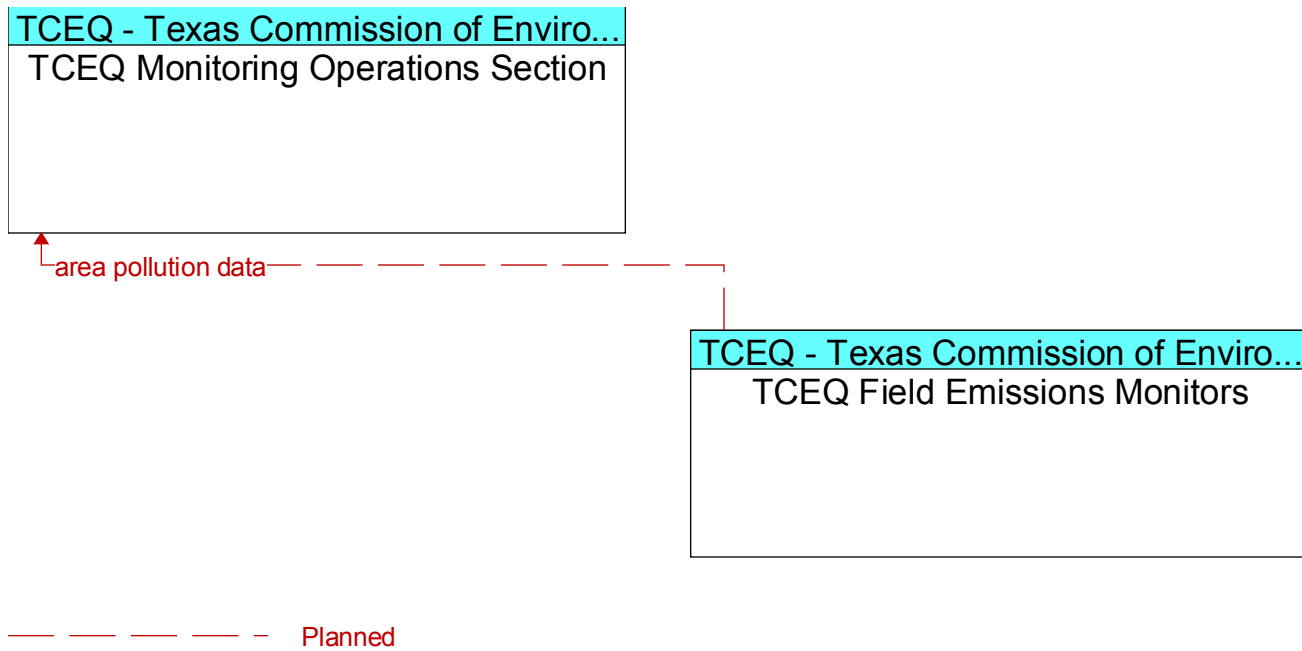


Figure D195 – TCEQ Monitoring Operations Section Interfaces

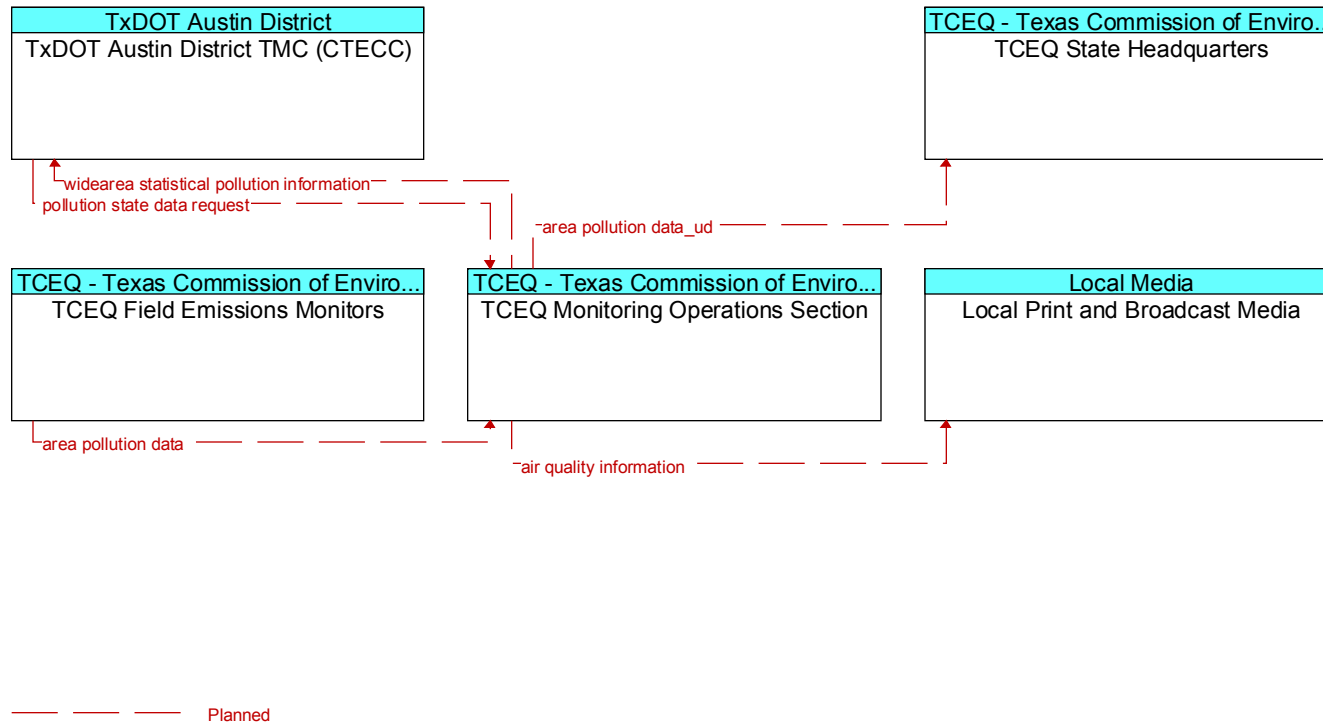
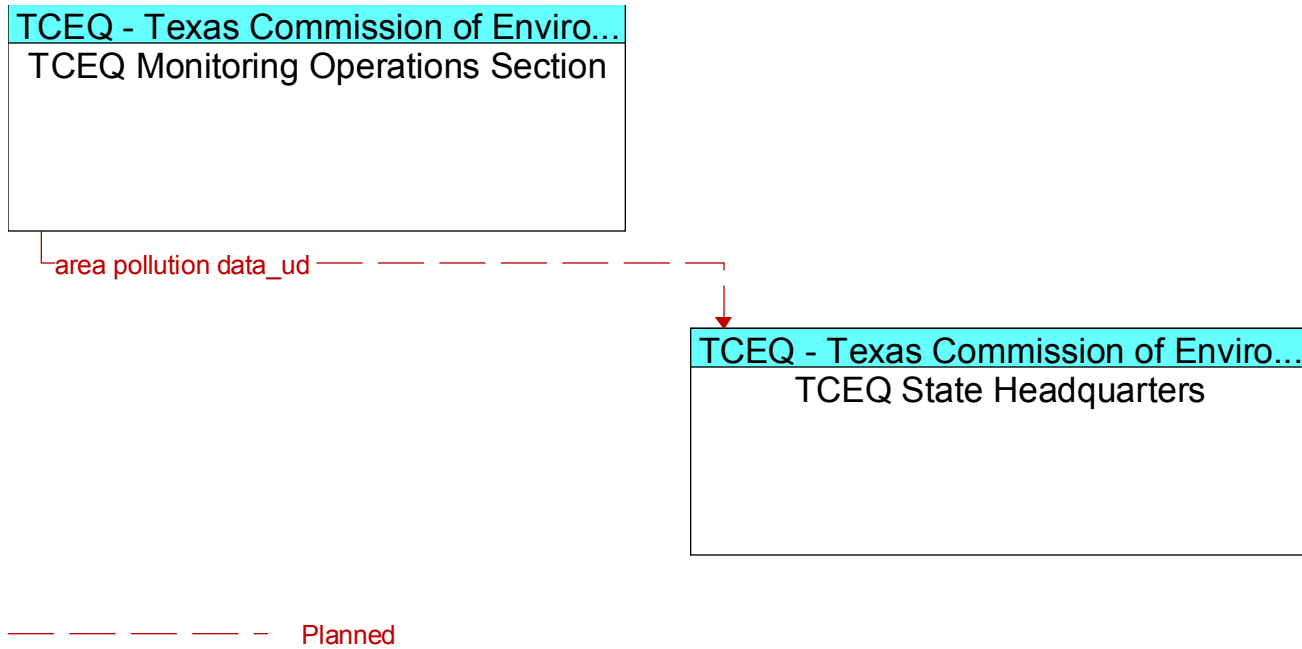


Figure D196 – TCEQ State Headquarters Interfaces





**Figure D197 – Texas DEM Disaster District Information System Interfaces**

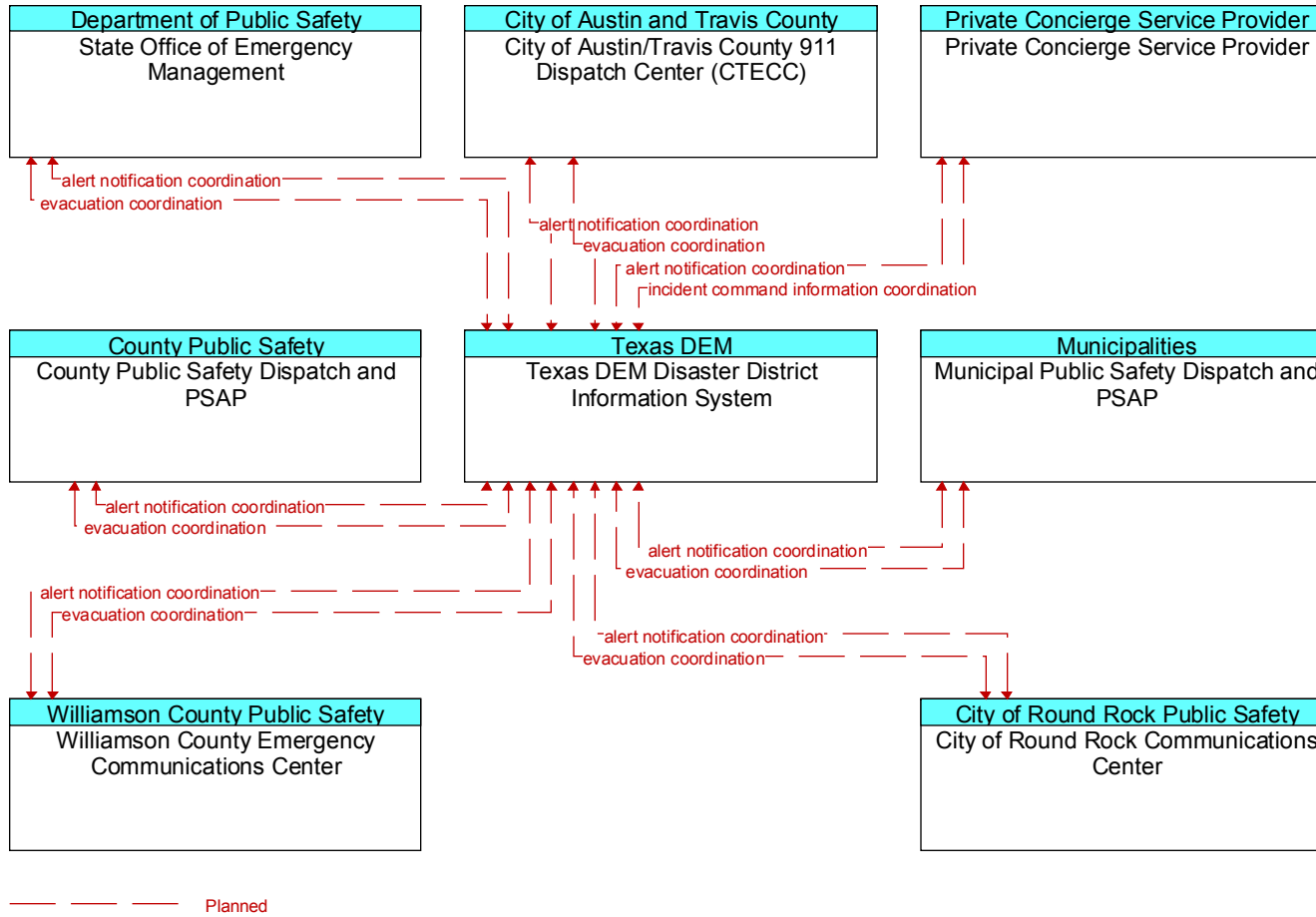


Figure D198 – Toll Payment Device Interfaces

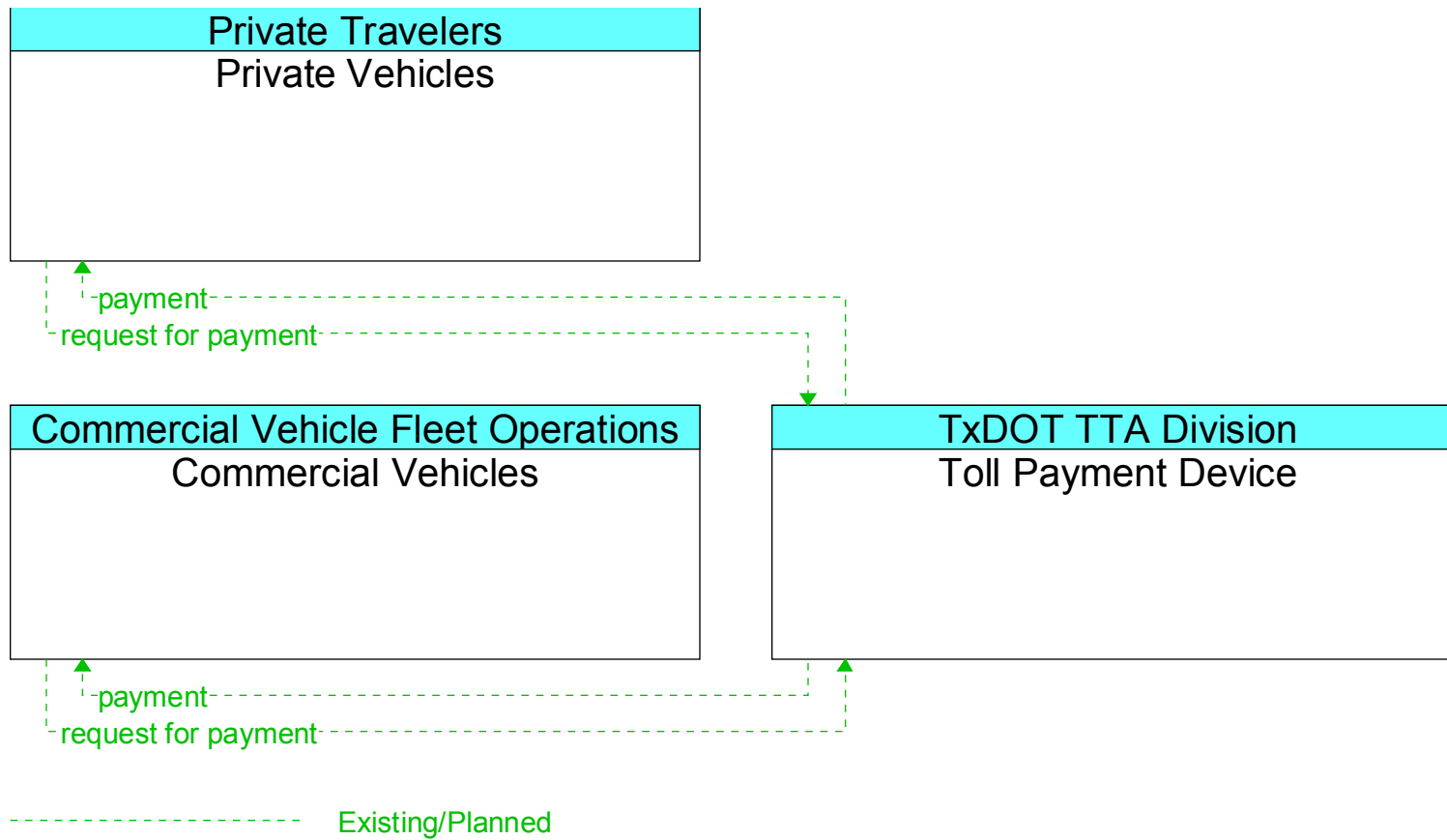


Figure D199 – Travis County Equipment Repair Garage Interfaces

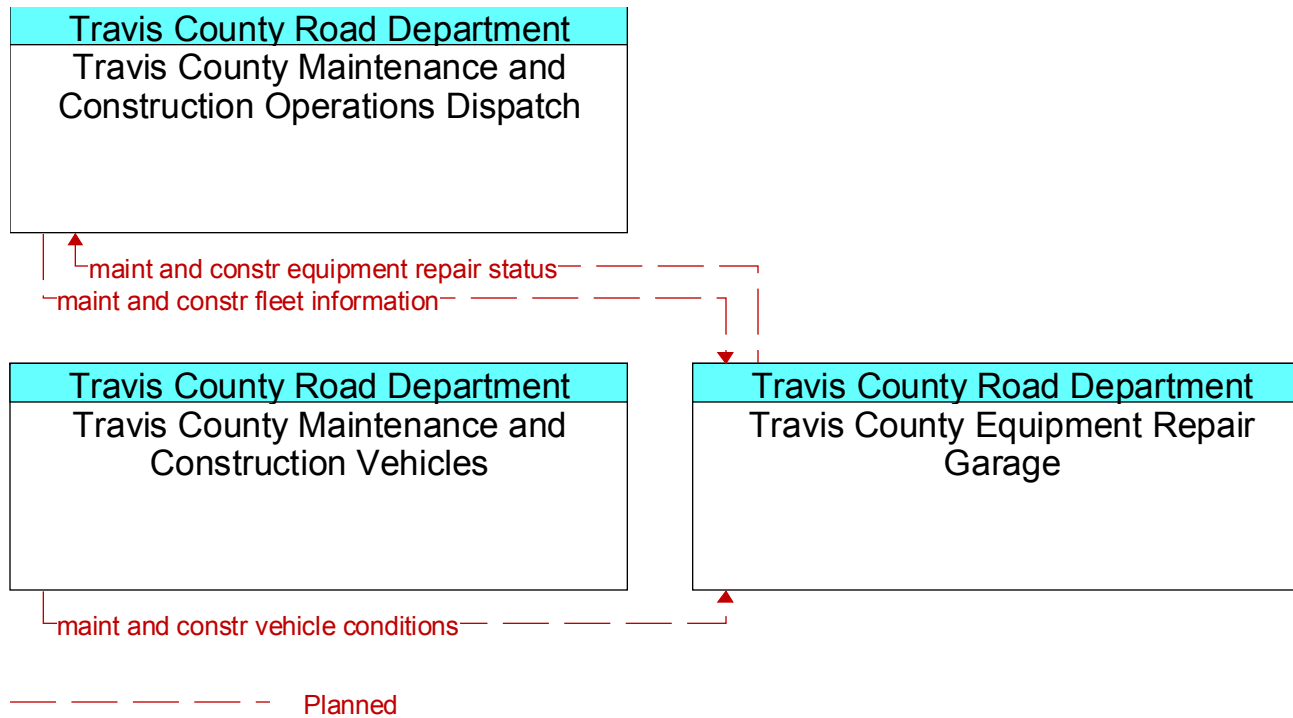
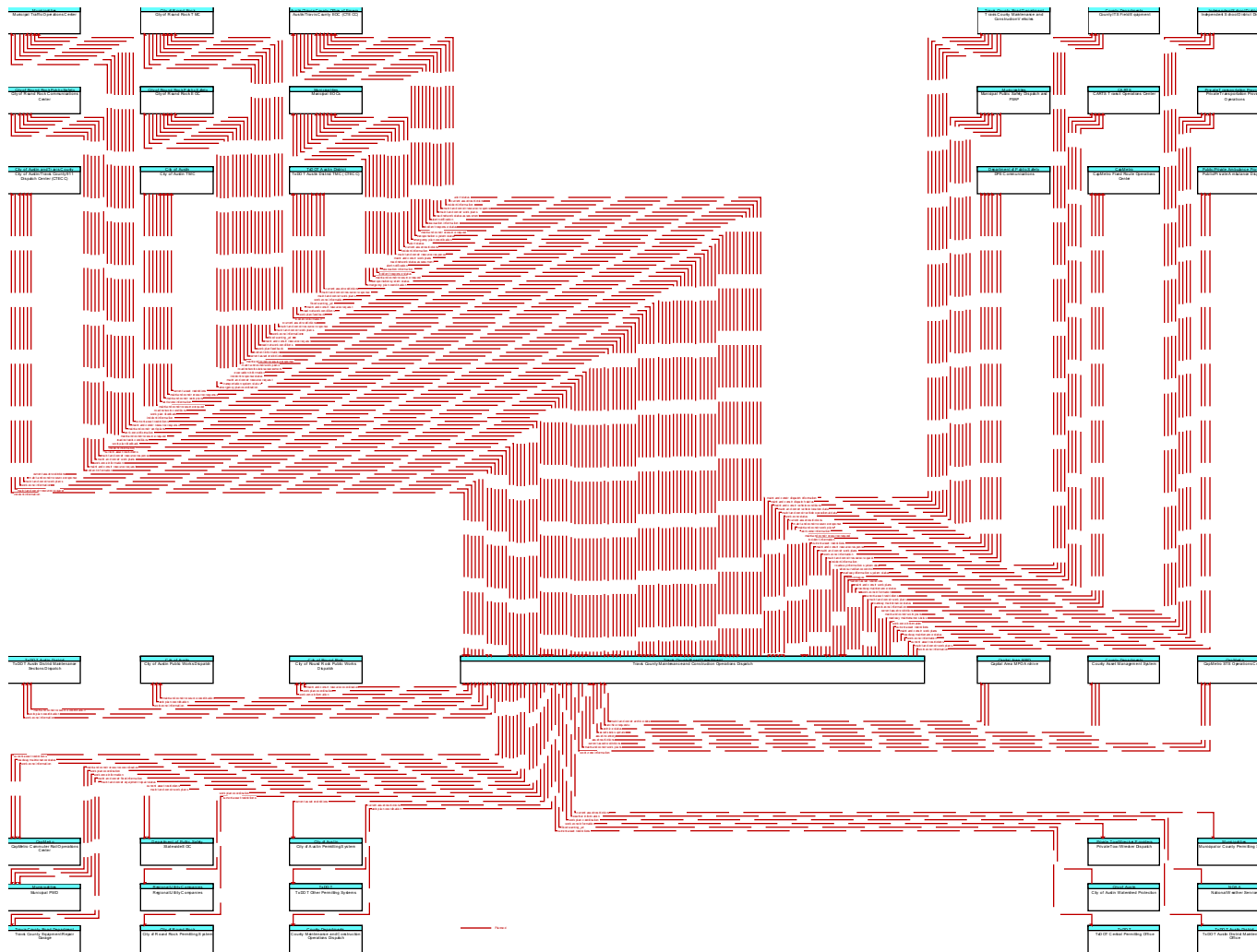


Figure D200 – Travis County Maintenance and Construction Operations Dispatch Interfaces



Source Element	Destination Element	Flow	Status
Travis County Maintenance and Construction Operations Dispatch	Austin/Travis County EOC (CTECC)	alert status	Planned
		current asset restrictions	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	maint and constr archive data	Planned
	CapMetro Commuter Rail Operations Center	current asset restrictions	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	CARTS Transit Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	City of Austin Permitting System	current asset restrictions	Planned
	City of Austin Public Works Dispatch	maint and constr resource coordination	Planned
work plan coordination		Planned	
work zone information		Planned	

Source Element	Destination Element	Flow	Status
Travis County Maintenance and Construction Operations Dispatch (continued)	City of Austin TMC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Round Rock Communications Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Round Rock EOC	current asset restrictions	Planned
		emergency plan coordination	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
City of Round Rock Permitting System	current asset restrictions	Planned	
City of Round Rock Public Works Dispatch	maint and constr resource coordination	Planned	
	work plan coordination	Planned	
	work zone information	Planned	
City of Round Rock TMC	current asset restrictions	Planned	
	incident information	Planned	
	maint and constr resource response	Planned	
	maint and constr work plans	Planned	

Source Element	Destination Element	Flow	Status
Travis County Maintenance and Construction Operations Dispatch (continued)	City of Round Rock TMC (continued)	work zone information	Planned
	County Asset Management System	asset status update	Planned
	County ITS Field Equipment	roadway information system data	Planned
		video surveillance control	Planned
	County Maintenance and Construction Operations Dispatch	work plan coordination	Planned
	DPS Communications	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Independent School District Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Municipal EOCs	alert status	Planned
		current asset restrictions	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
	Municipal Public Safety Dispatch and PSAP	current asset restrictions	Planned
incident information		Planned	
maint and constr resource response		Planned	
maint and constr work plans		Planned	
work zone information		Planned	

Source Element	Destination Element	Flow	Status
Travis County Maintenance and Construction Operations Dispatch (continued)	Municipal PWD	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	Municipal Traffic Operations Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Private Tow/Wrecker Dispatch	work zone information	Planned
	Private Transportation Provider Operations	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Public/Private Ambulance Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Regional Utility Companies	work plan coordination	Planned
	Statewide EOC	current asset restrictions	Planned
		maint and constr work plans	Planned
	Travis County Equipment Repair Garage	maint and constr fleet information	Planned
Travis County Maintenance and Construction Vehicles	maint and constr dispatch information	Planned	
TxDOT Austin District Maintenance Office	work plan coordination	Planned	
TxDOT Austin District Maintenance Sections Dispatch	maint and constr resource coordination	Planned	
	work plan coordination	Planned	
	work zone information	Planned	
TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned	
	incident information	Planned	



Source Element	Destination Element	Flow	Status
Travis County Maintenance and Construction Operations Dispatch (continued)	TxDOT Austin District TMC (CTECC) (continued)	maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned

Figure D201 – Travis County Maintenance and Construction Vehicles Interfaces

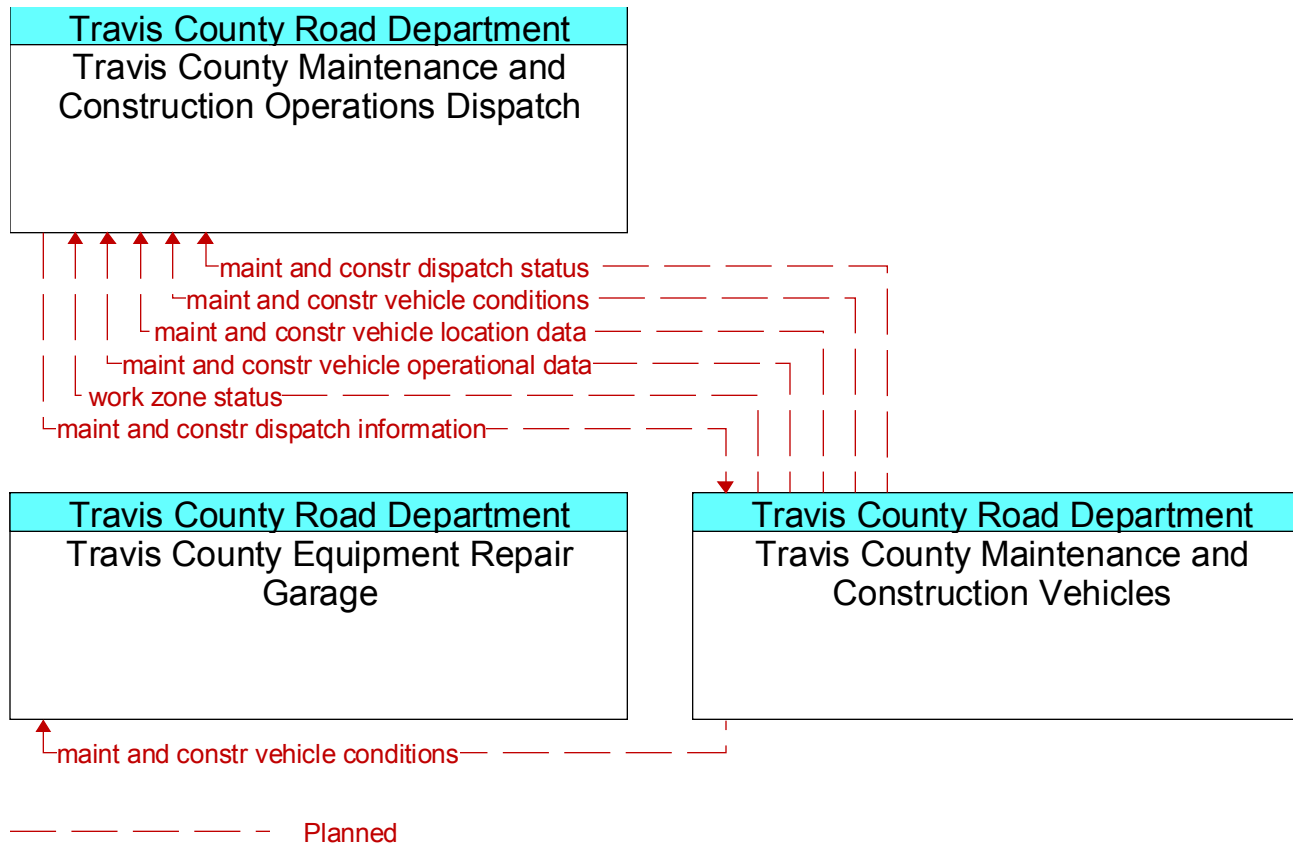


Figure D202 – Travis County Public Safety Vehicles Interfaces

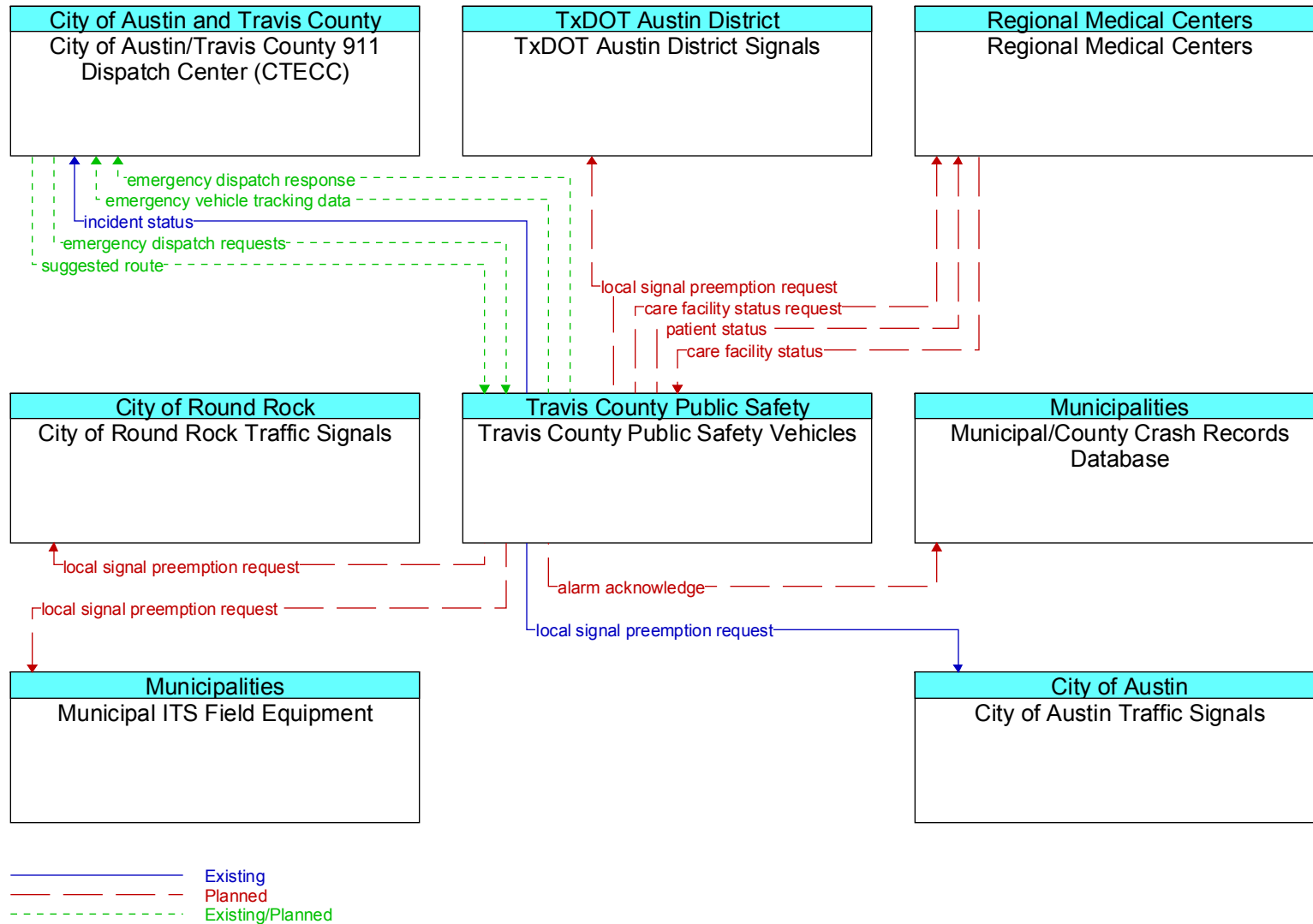


Figure D203 – TxDOT 511 System Interfaces

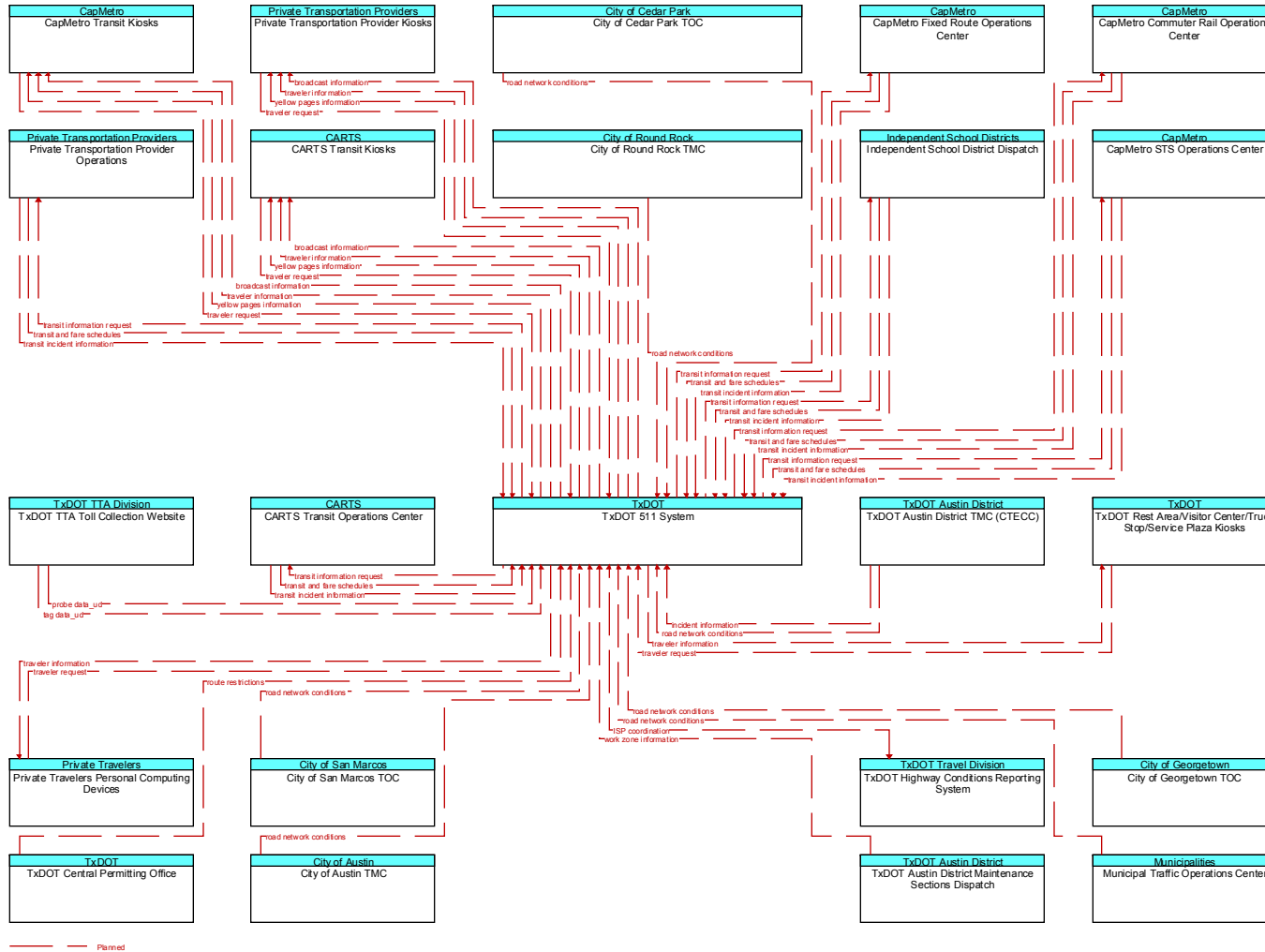


Figure D204 – TxDOT Austin District Area Engineers Office Interfaces

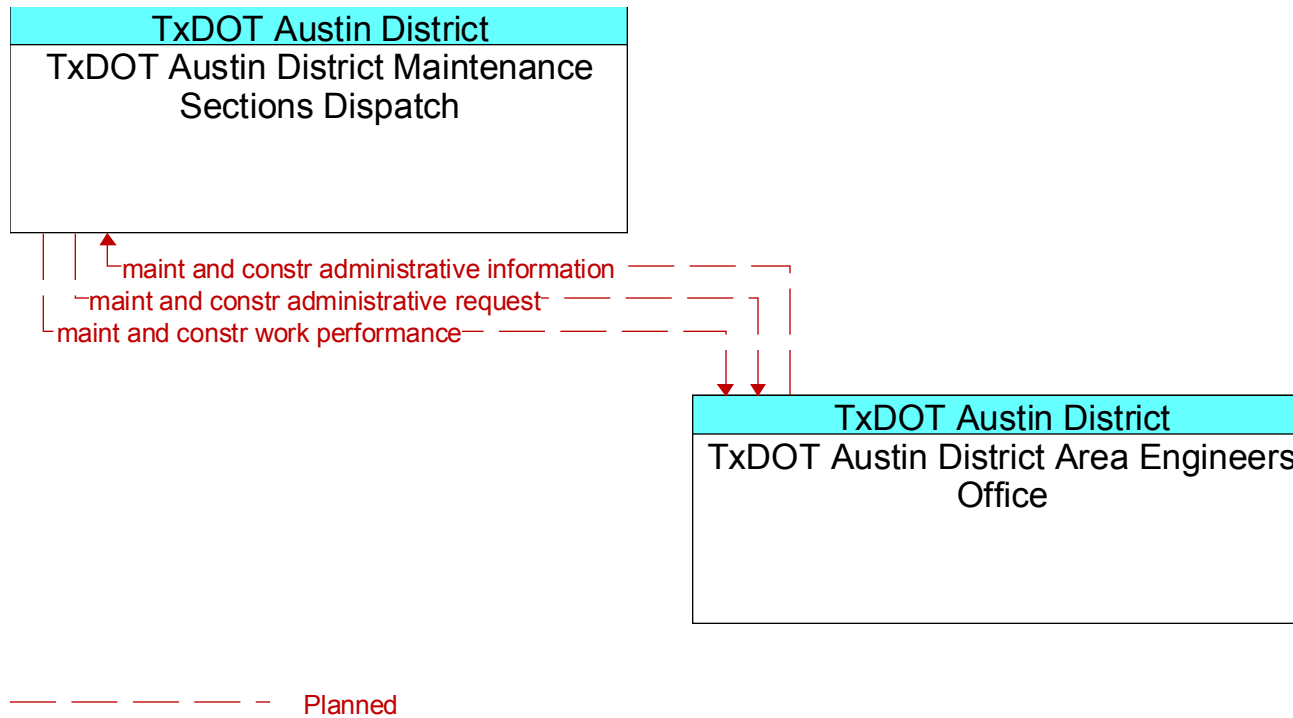


Figure D205 – TxDOT Austin District CCTV Interfaces

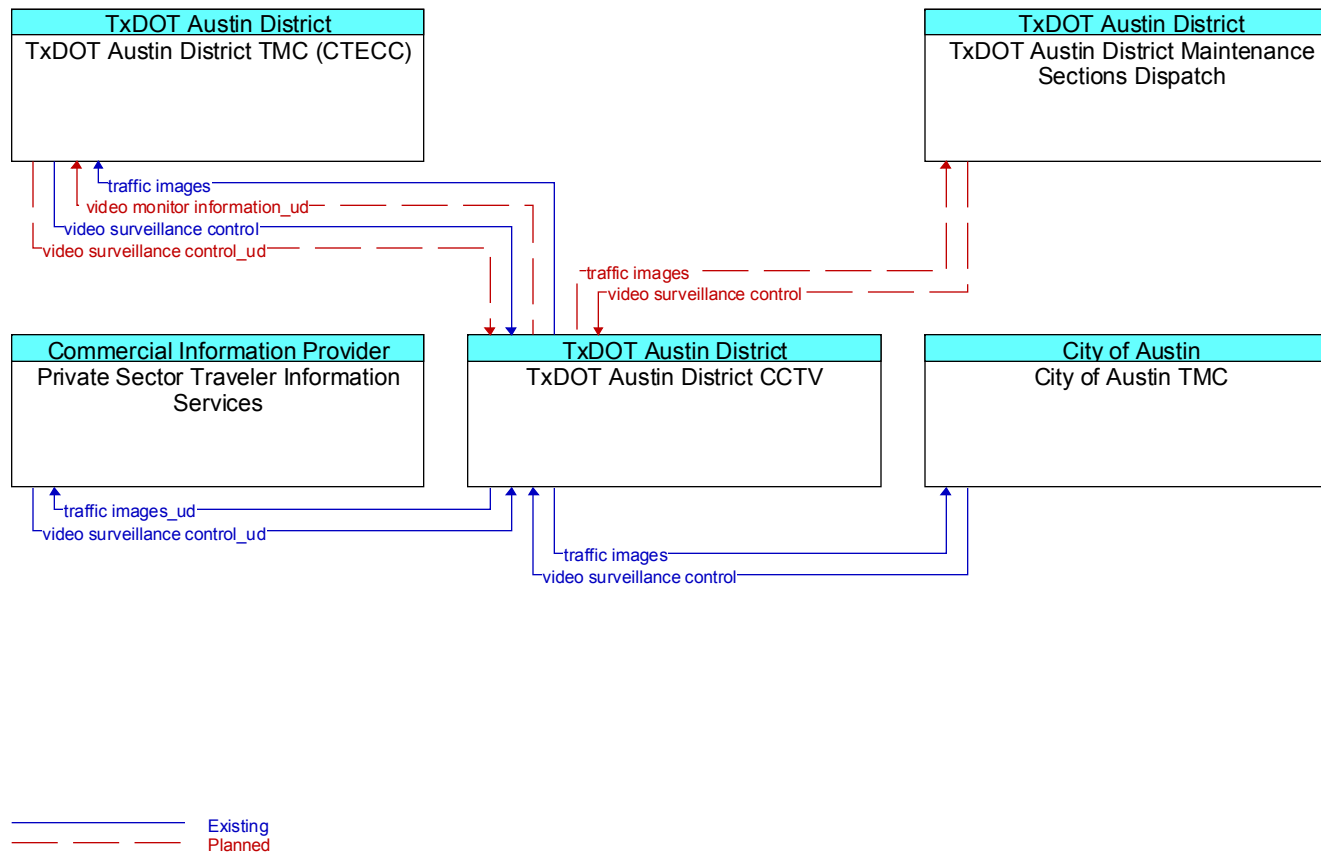


Figure D206 – TxDOT Austin District DMS Interfaces

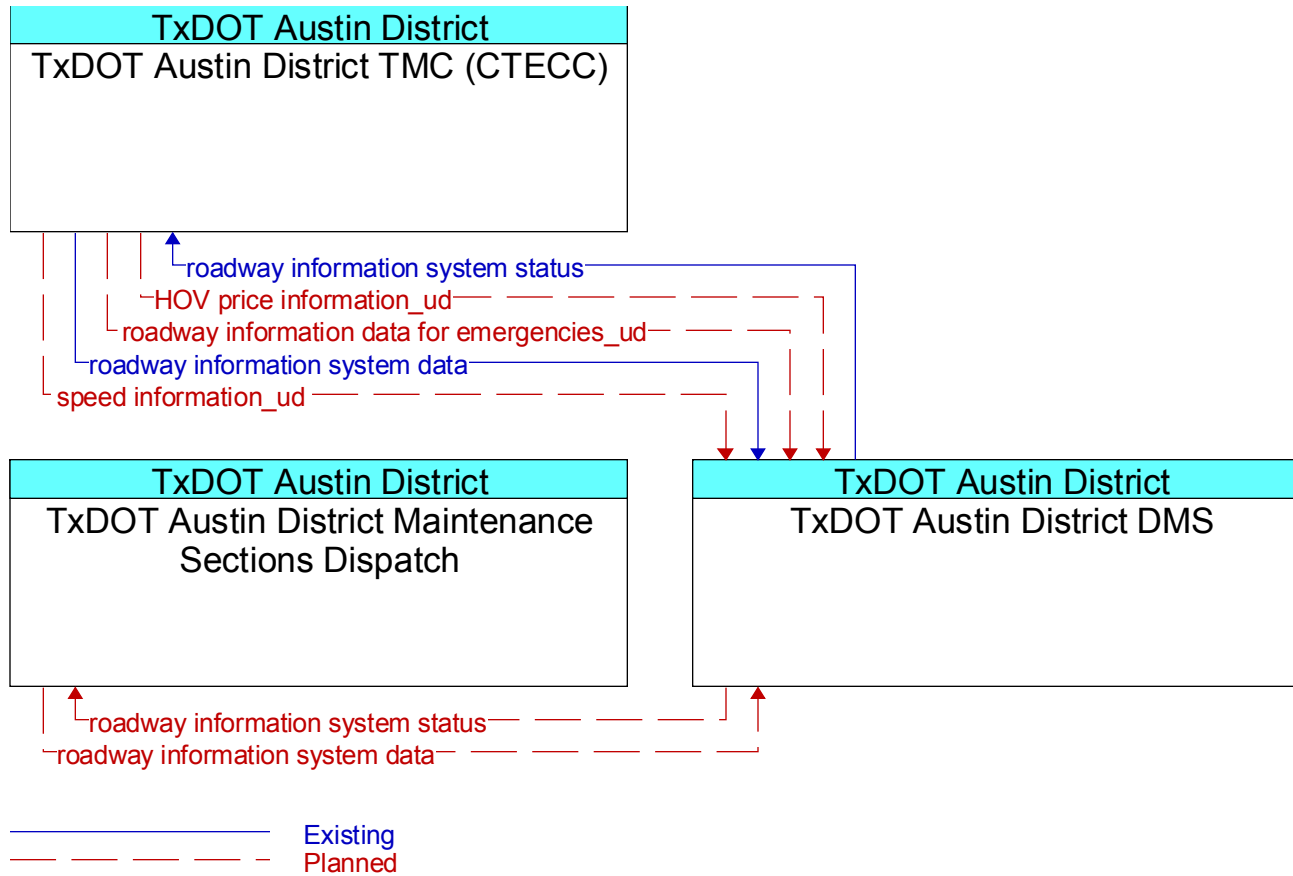


Figure D207 – TxDOT Austin District Field Sensors Interfaces

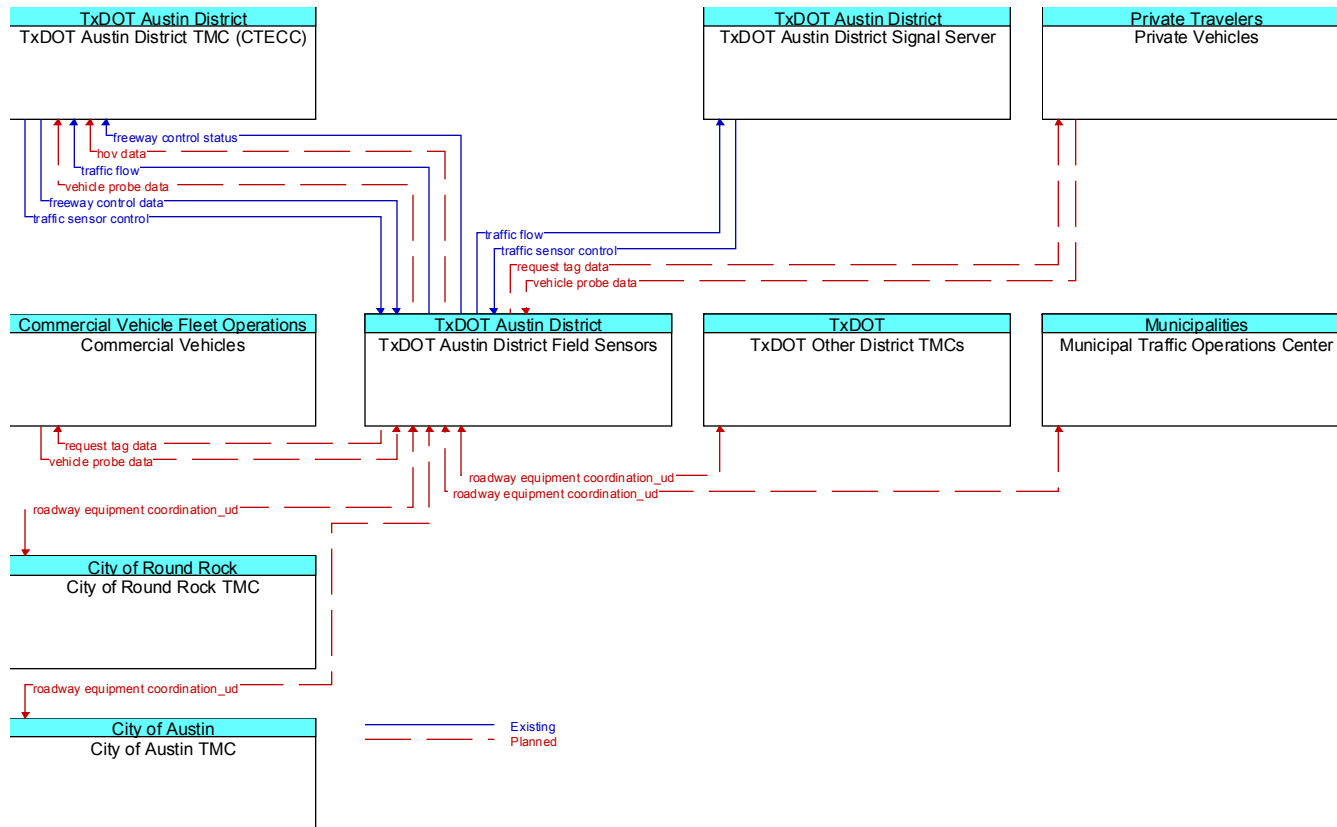




Figure D208 – TxDOT Austin District Flood Detectors Interfaces

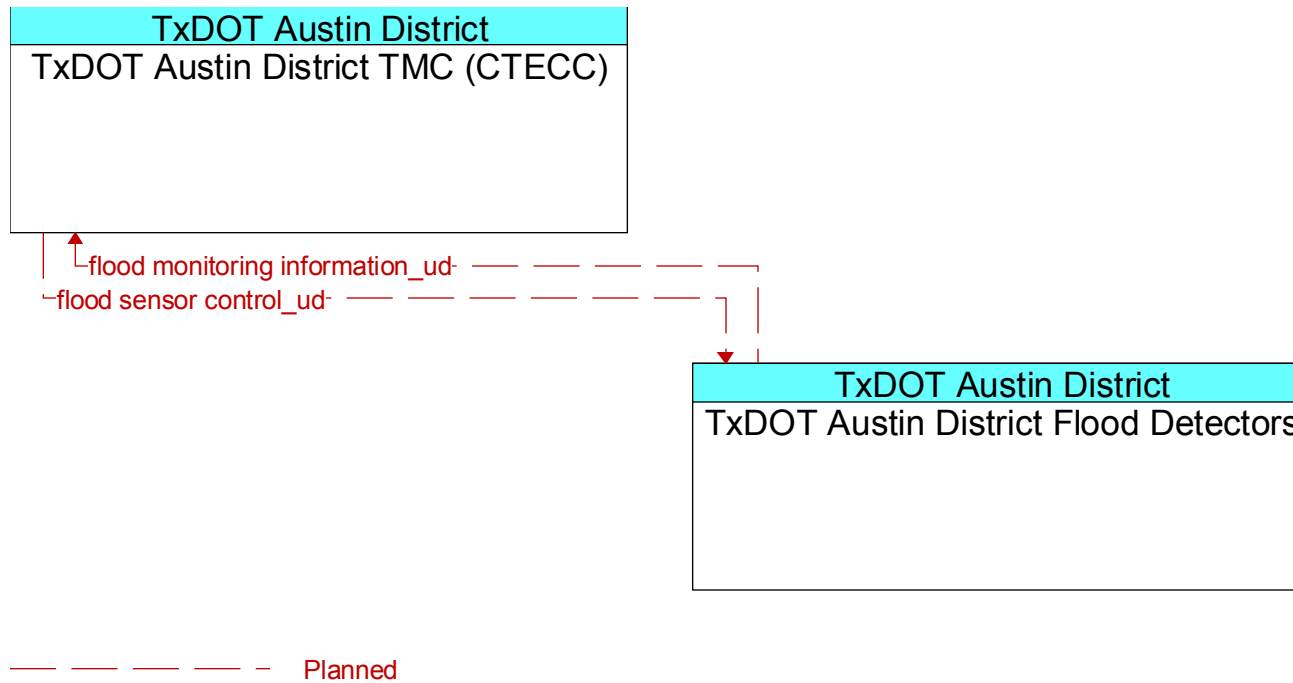


Figure D209 – TxDOT Austin District HAR Interfaces

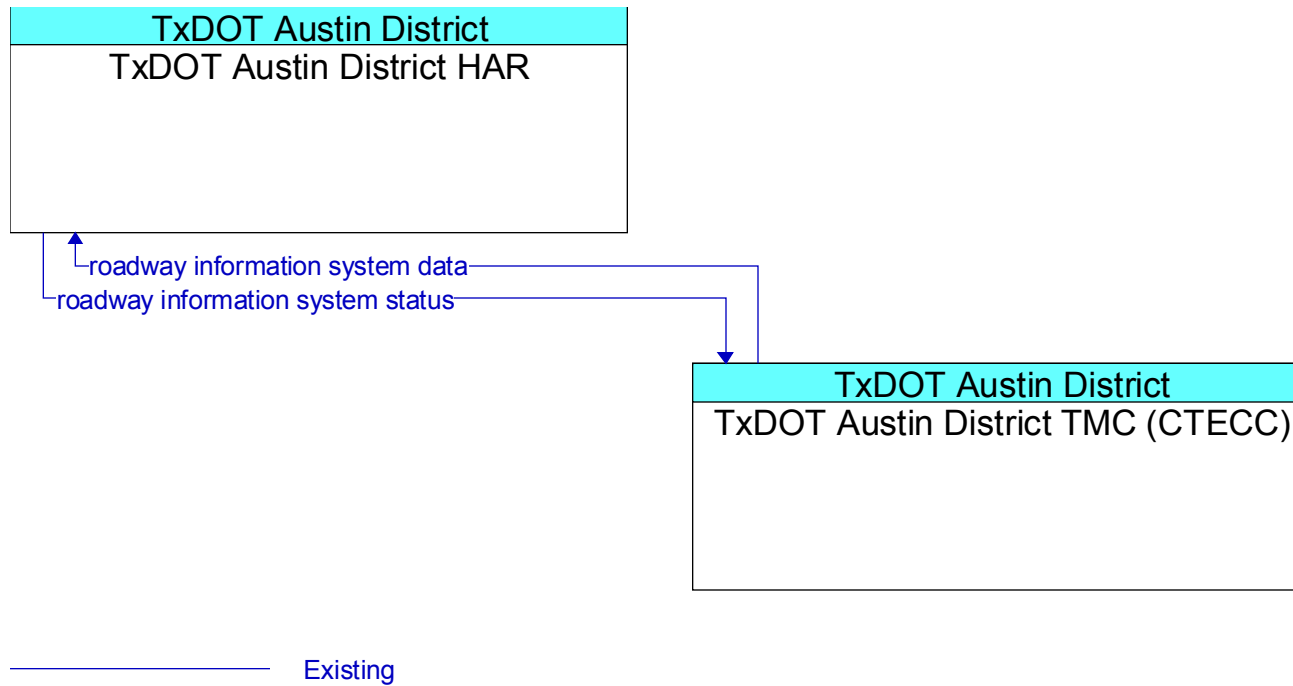
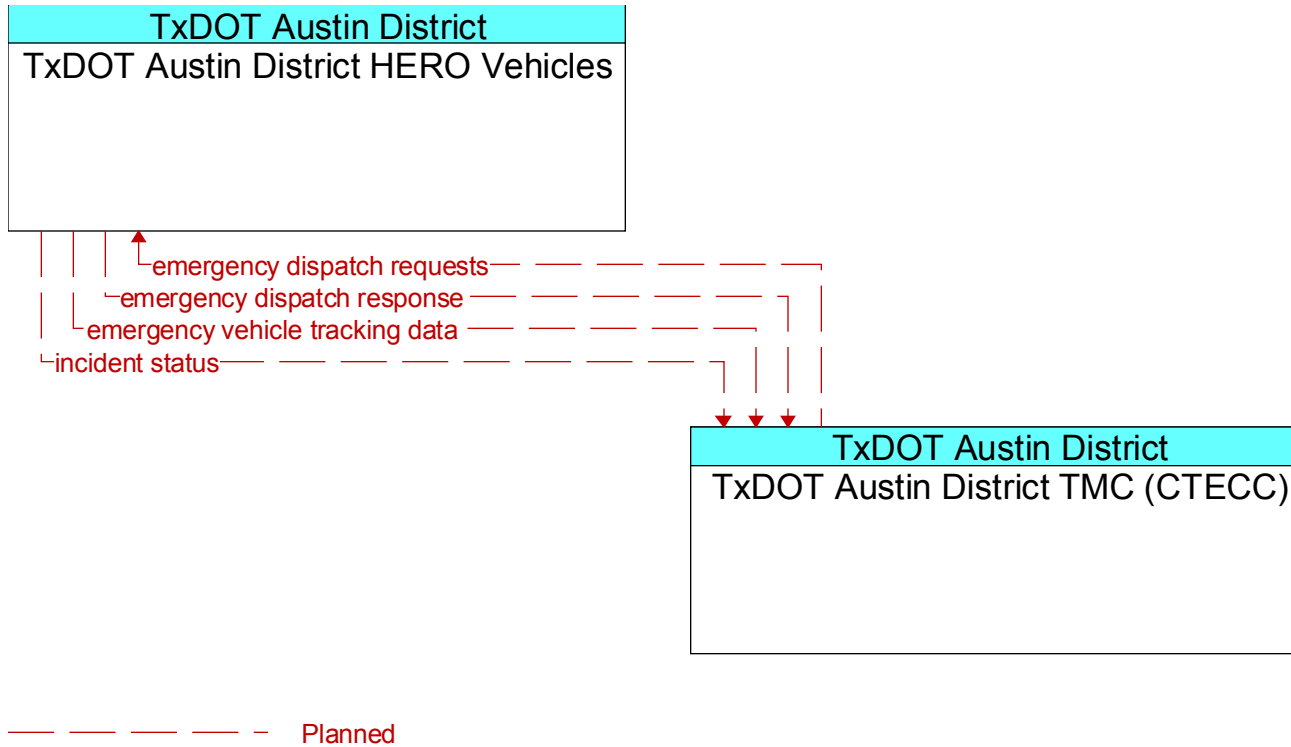


Figure D210 – TxDOT Austin District HERO Vehicles Interfaces



**Figure D211 – TxDOT Austin District Historical Traffic Database Interfaces**

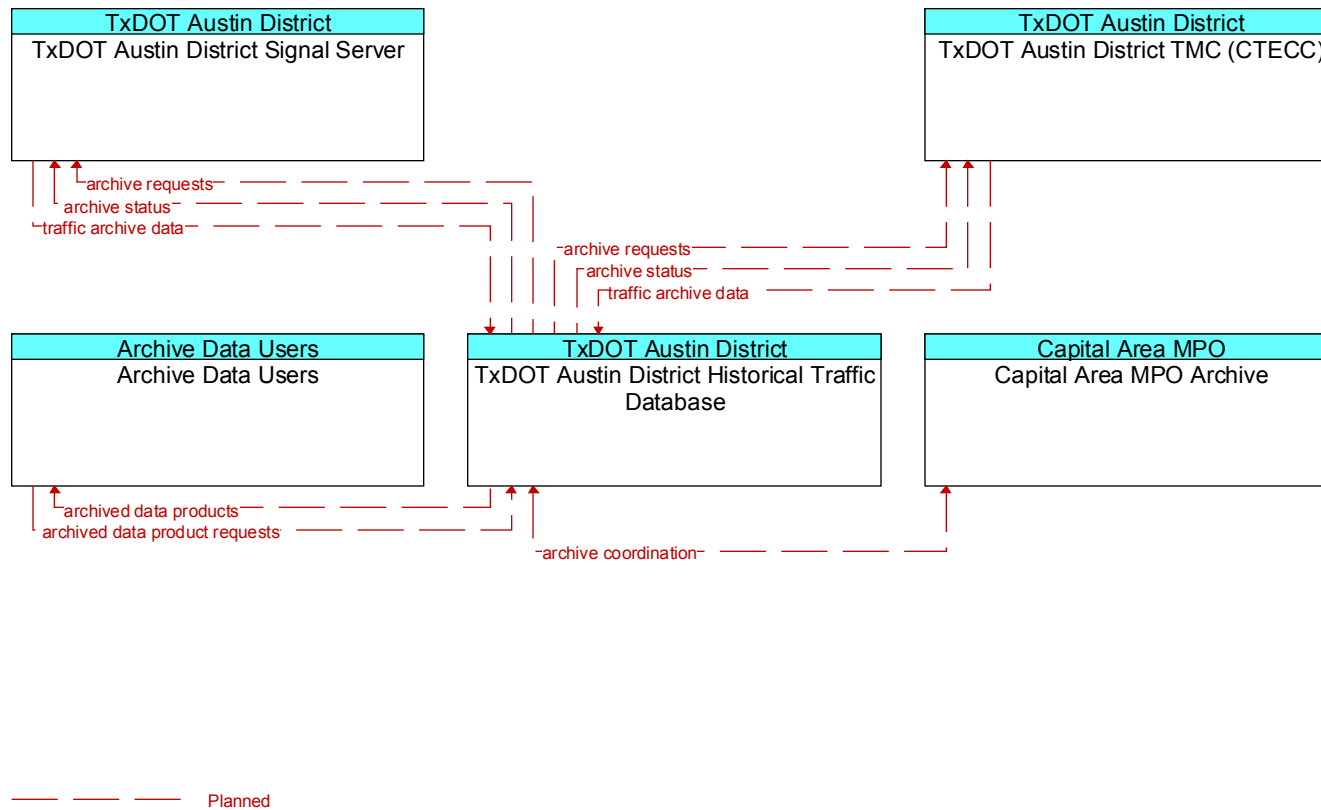


Figure D212 – TxDOT Austin District ITS Field Equipment Interfaces

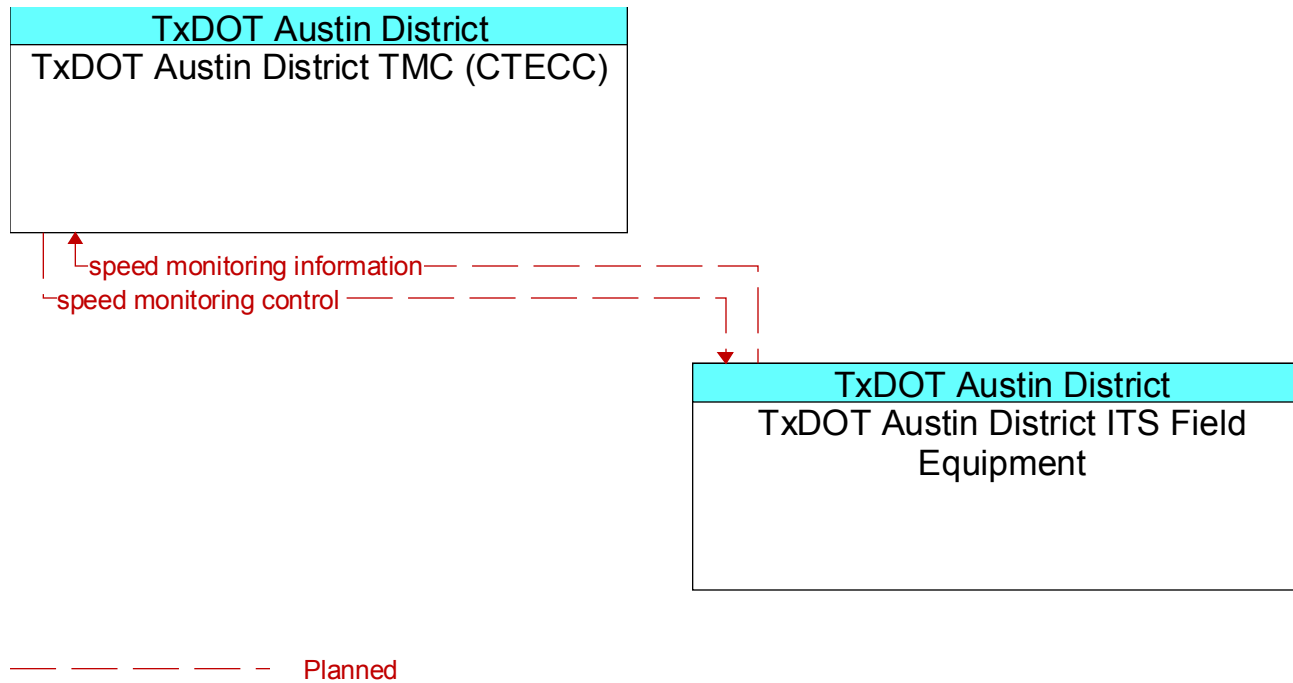


Figure D213 – TxDOT Austin District Lane Control Signals Interfaces

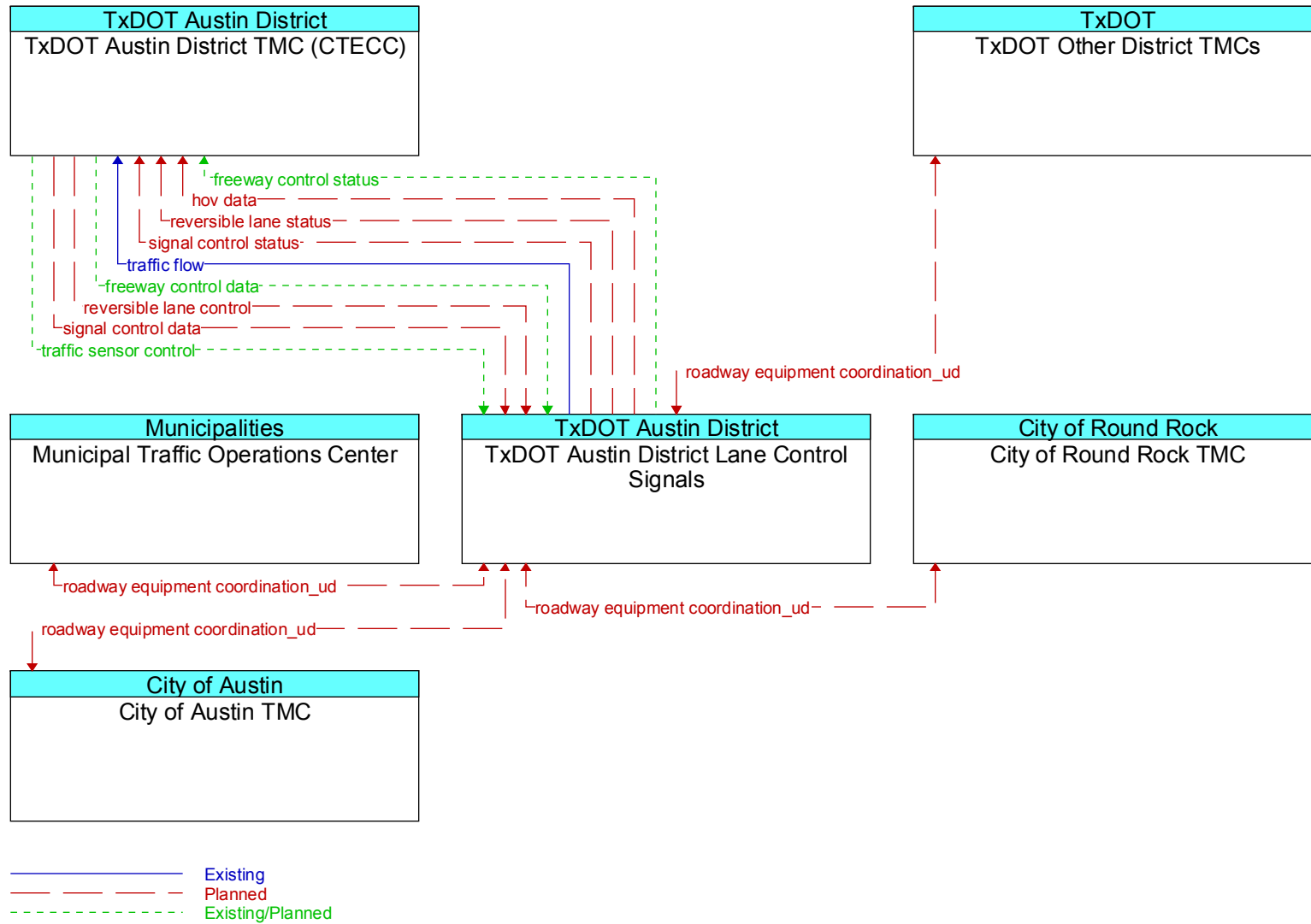


Figure D214 – TxDOT Austin District Maintenance and Construction Vehicles Interfaces

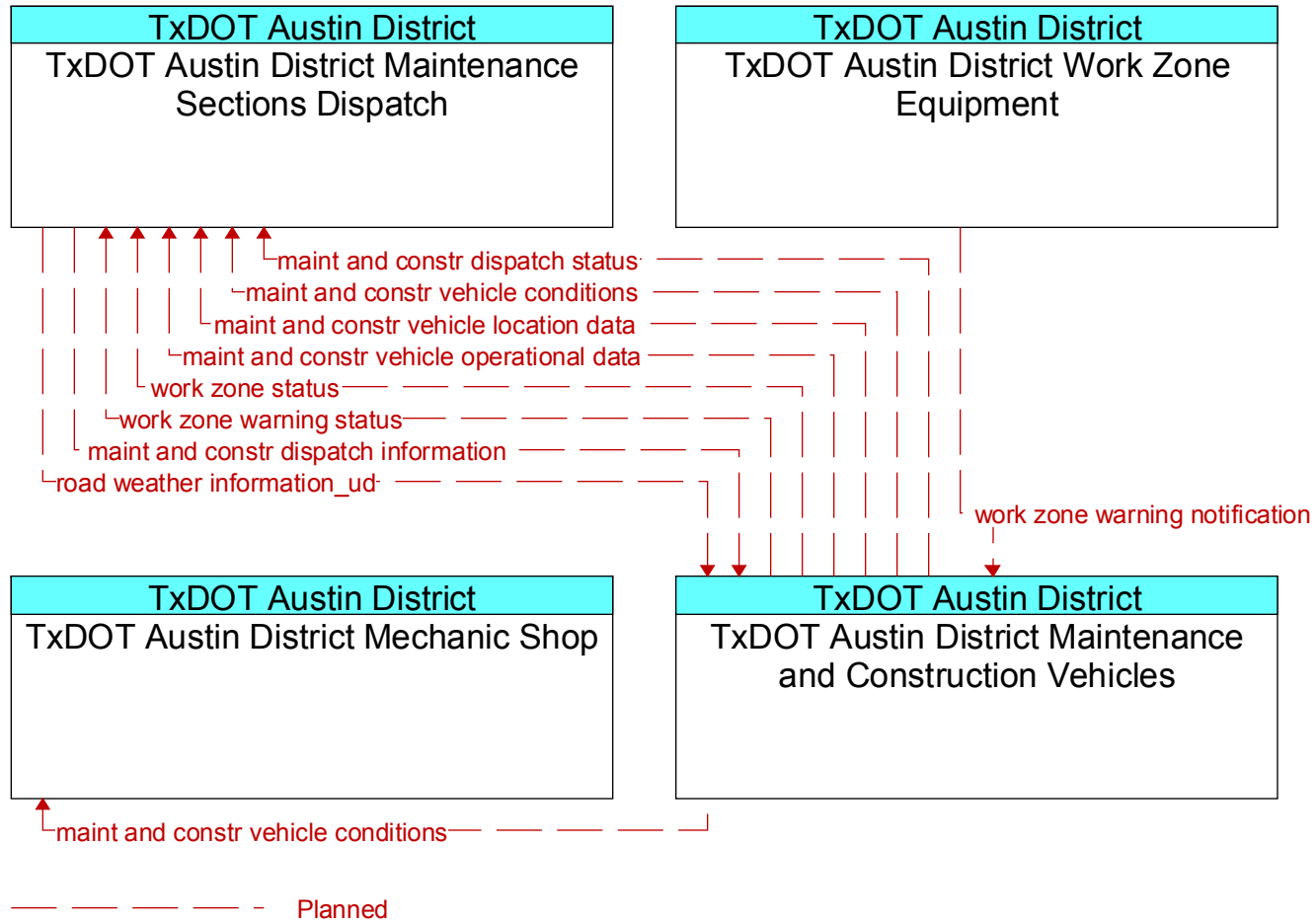


Figure D215 – TxDOT Austin District Maintenance Office Interfaces

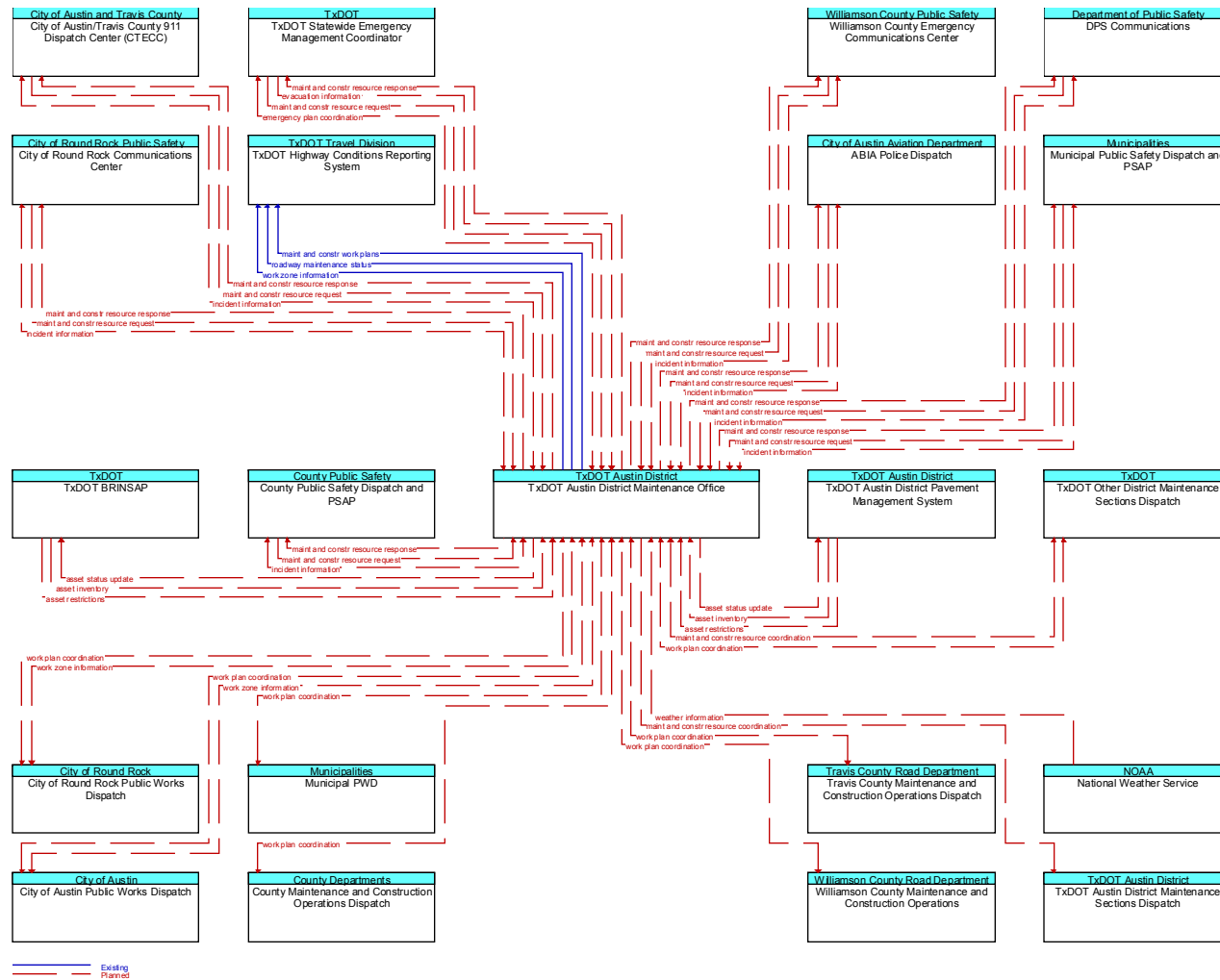
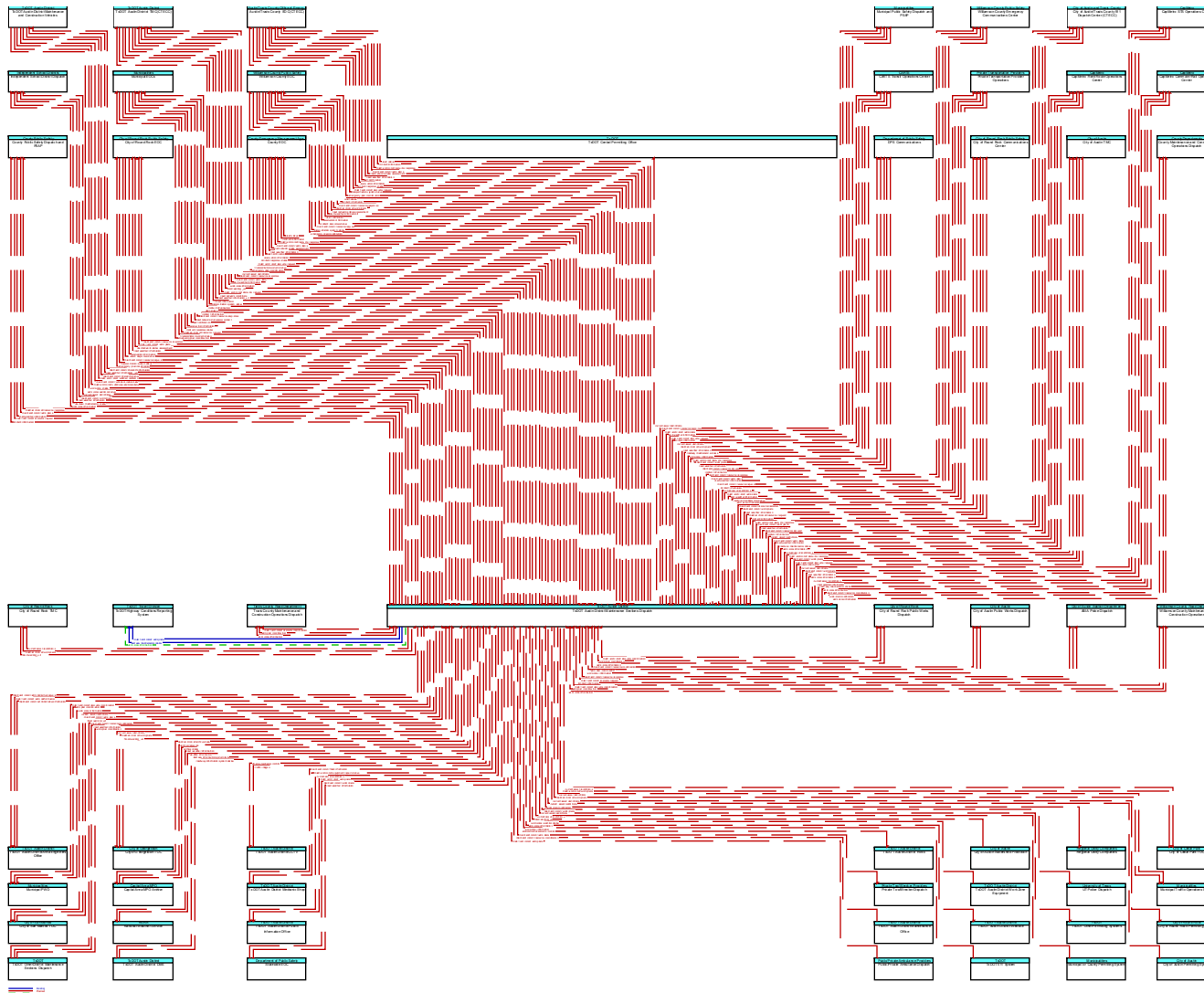




Figure D216 – TxDOT Austin District Maintenance Sections Dispatch Interfaces



Source Element	Destination Element	Flow	Status
TxDOT Austin District Maintenance Sections Dispatch (continued)	ABIA Police Dispatch	incident information	Planned
		maint and constr resource response	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
		road weather information	Planned
	Capital Area MPO Archive	maint and constr archive data	Planned
	CapMetro Commuter Rail Operations Center	current asset restrictions	Planned
		road weather information	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		road weather information	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		road weather information	Planned
		work zone information	Planned
CARTS Transit Operations Center	current asset restrictions	Planned	
	maint and constr work plans	Planned	
	road weather information	Planned	
	roadway maintenance status	Planned	

Source Element	Destination Element	Flow	Status	
TxDOT Austin District Maintenance Sections Dispatch (continued)	CARTS Transit Operations Center (continued)	work zone information	Planned	
	City of Austin Permitting System	current asset restrictions	Planned	
	City of Austin Public Works Dispatch		maint and constr resource coordination	Planned
			work plan coordination	Planned
			work zone information	Planned
	City of Austin TMC		current asset restrictions	Planned
			incident information	Planned
			maint and constr resource response	Planned
			maint and constr work plans	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)		incident information	Planned
			maint and constr resource response	Planned
			maint and constr work plans	Planned
			road weather information	Planned
	City of Cedar Park TOC		current asset restrictions	Planned
			maint and constr work plans	Planned
	City of Georgetown TOC		current asset restrictions	Planned
			maint and constr work plans	Planned
	City of Round Rock Communications Center		incident information	Planned
			maint and constr resource response	Planned
			maint and constr work plans	Planned
			road weather information	Planned
	City of Round Rock EOC		emergency plan coordination	Planned
			maint and constr resource response	Planned
maint and constr work plans			Planned	
road network status assessment			Planned	
road weather information			Planned	
City of Round Rock Permitting System		current asset restrictions	Planned	

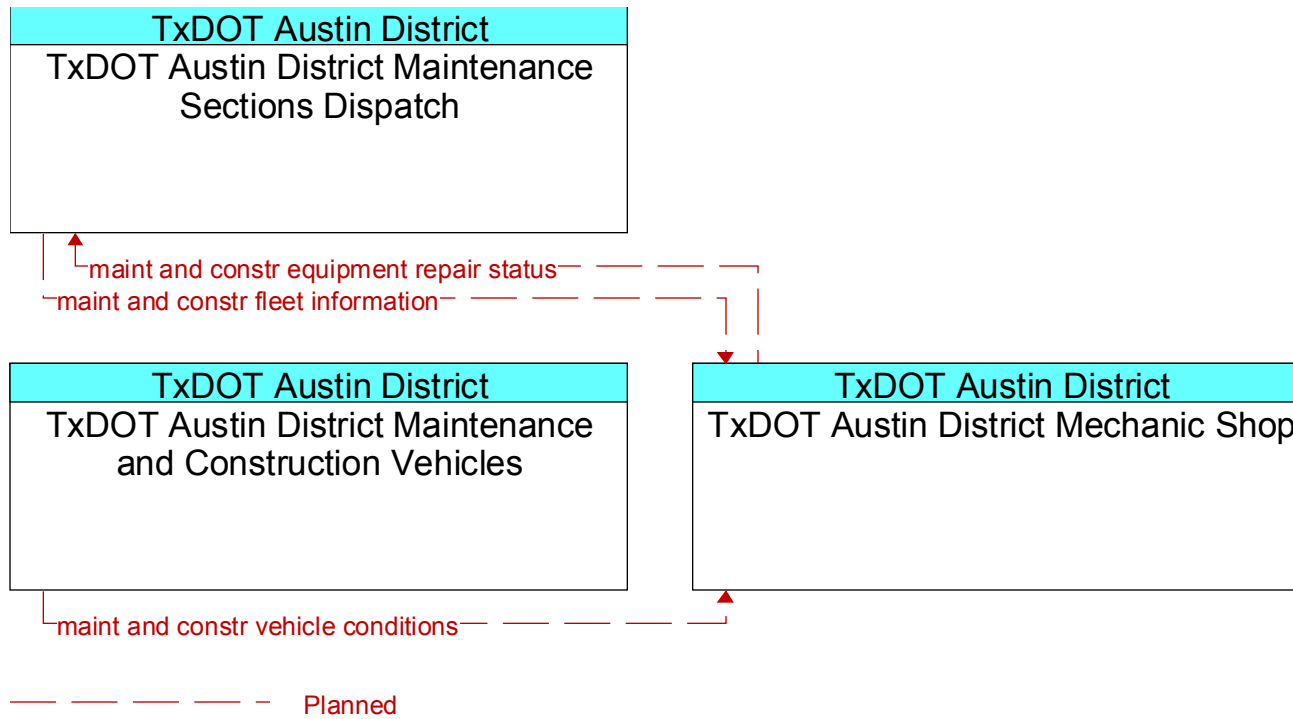
Source Element	Destination Element	Flow	Status
TxDOT Austin District Maintenance Sections Dispatch (continued)	City of Round Rock Public Works Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	City of Round Rock TMC	current asset restrictions	Planned
		maint and constr work plans	Planned
	City of San Marcos TOC	current asset restrictions	Planned
		maint and constr work plans	Planned
	County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
	County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	County Public Safety Dispatch and PSAP	incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road weather information	Planned
	DPS Communications	incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road weather information	Planned
Independent School District Dispatch	current asset restrictions	Planned	
	maint and constr work plans	Planned	
	road weather information	Planned	

Source Element	Destination Element	Flow	Status
TxDOT Austin District Maintenance Sections Dispatch (continued)	Independent School District Dispatch (continued)	roadway maintenance status	Planned
		work zone information	Planned
	Municipal EOCs	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		road network status assessment	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
	Municipal Public Safety Dispatch and PSAP	incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road weather information	Planned
	Municipal PWD	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	Municipal Traffic Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
	National Weather Service	road weather information	Planned
	Private Tow/Wrecker Dispatch	maint and constr work plans	Planned
	Private Transportation Provider Operations	current asset restrictions	Planned
		maint and constr work plans	Planned
		road weather information	Planned
		roadway maintenance status	Planned
work zone information		Planned	
Public/Private Ambulance Dispatch	maint and constr work plans	Planned	
Regional Utility Companies	work plan coordination	Planned	
Statewide EOC	maint and constr work plans	Planned	
	road weather information	Planned	

Source Element	Destination Element	Flow	Status
TxDOT Austin District Maintenance Sections Dispatch (continued)	Travis County Maintenance and Construction Operations Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT 511 System	work zone information	Planned
	TxDOT Austin District Area Engineers Office	maint and constr administrative request	Planned
		maint and constr work performance	Planned
	TxDOT Austin District CCTV	video surveillance control	Planned
	TxDOT Austin District DMS	roadway information system data	Planned
	TxDOT Austin District Maintenance and Construction Vehicles	maint and constr dispatch information	Planned
		road weather information_ud	Planned
	TxDOT Austin District Mechanic Shop	maint and constr fleet information	Planned
	TxDOT Austin District Public Information Office	current asset restrictions	Planned
		maint and constr work plans	Planned
	TxDOT Austin District RWIS	environmental sensors control	Planned
	TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road weather information	Planned
		work zone information	Planned
	TxDOT Austin District Website	work zone information	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Highway Conditions Reporting System	maint and constr work plans	Existing
		roadway maintenance status	Existing
		work zone information	Existing/ Planned

Source Element	Destination Element	Flow	Status
TxDOT Austin District Maintenance Sections Dispatch (continued)	TxDOT Other District Maintenance Sections Dispatch	maint and constr resource coordination	Planned
		road weather information	Planned
		work plan coordination	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned
	UT Police Dispatch	maint and constr work plans	Planned
	Williamson County Emergency Communications Center	incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road weather information	Planned
	Williamson County EOC	alert status	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
		road weather information	Planned
	Williamson County Maintenance and Construction Operations	maint and constr resource coordination	Planned
		work plan coordination	Planned
work zone information		Planned	

Figure D217 – TxDOT Austin District Mechanic Shop Interfaces





**Figure D218 – TxDOT Austin District Pavement Management System Interfaces**

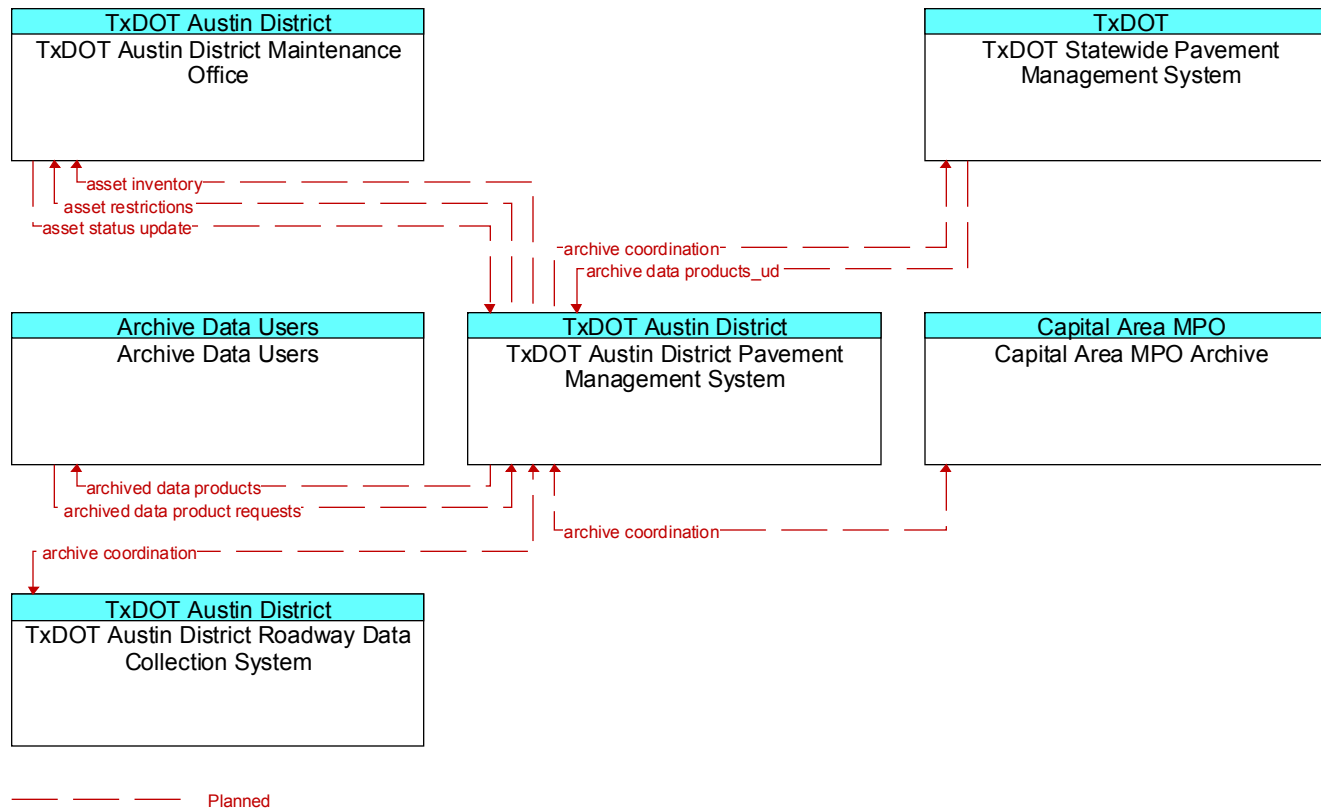


Figure D219 – TxDOT Austin District Public Information Office Interfaces

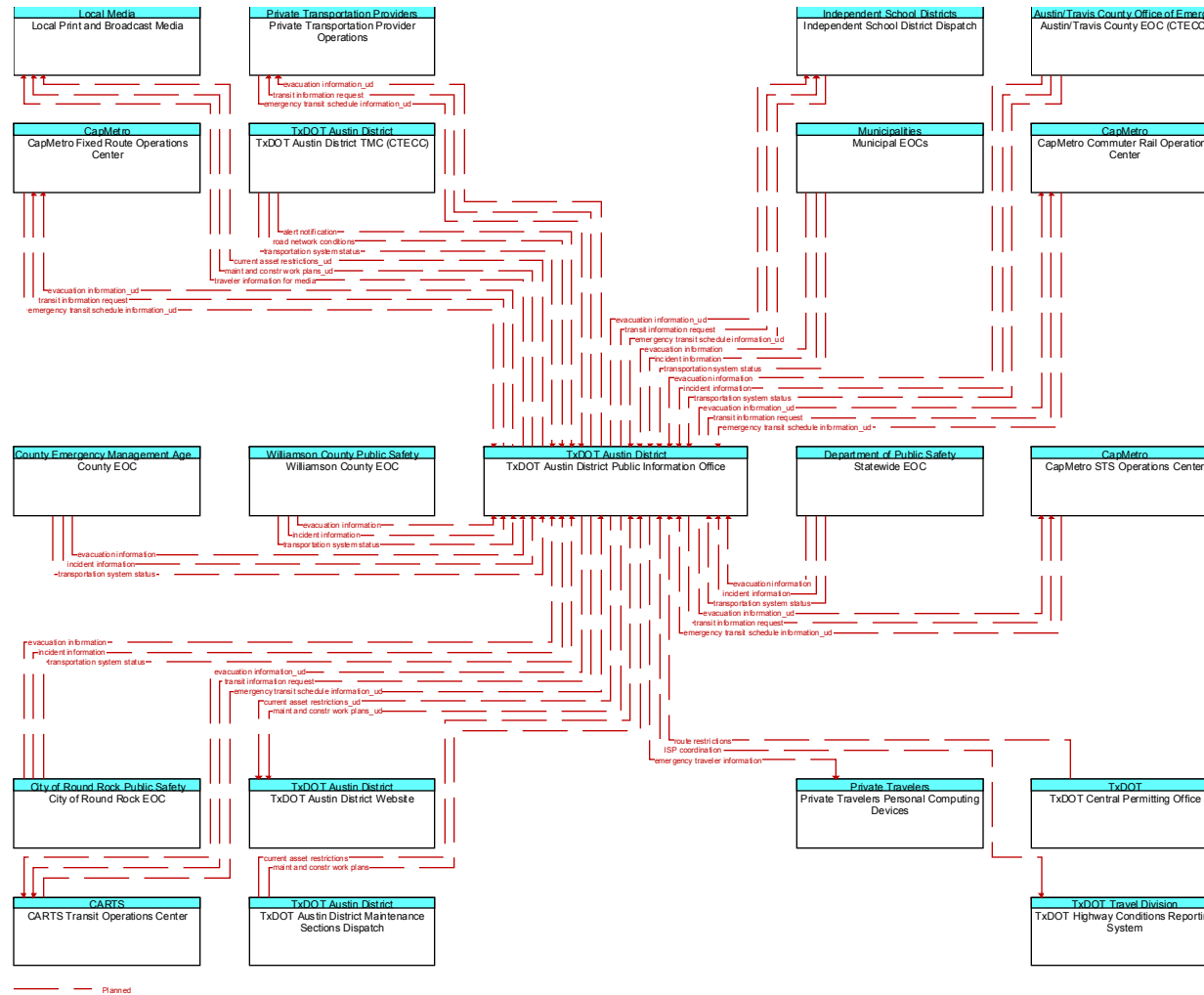
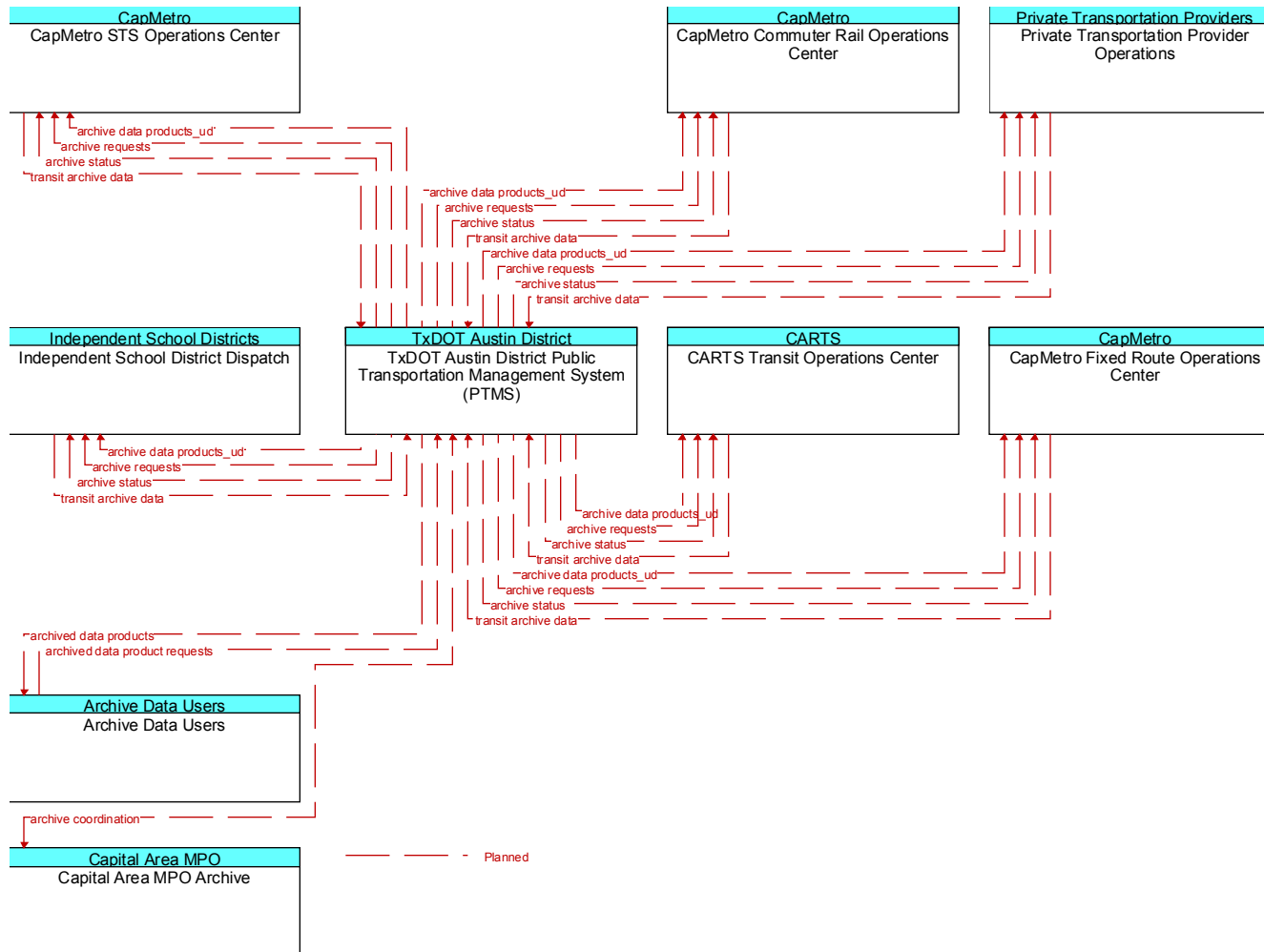


Figure D220 – TxDOT Austin District Public Transportation Management System (PTMS) Interfaces



**Figure D221 – TxDOT Austin District Roadway Data Collection System Interfaces**

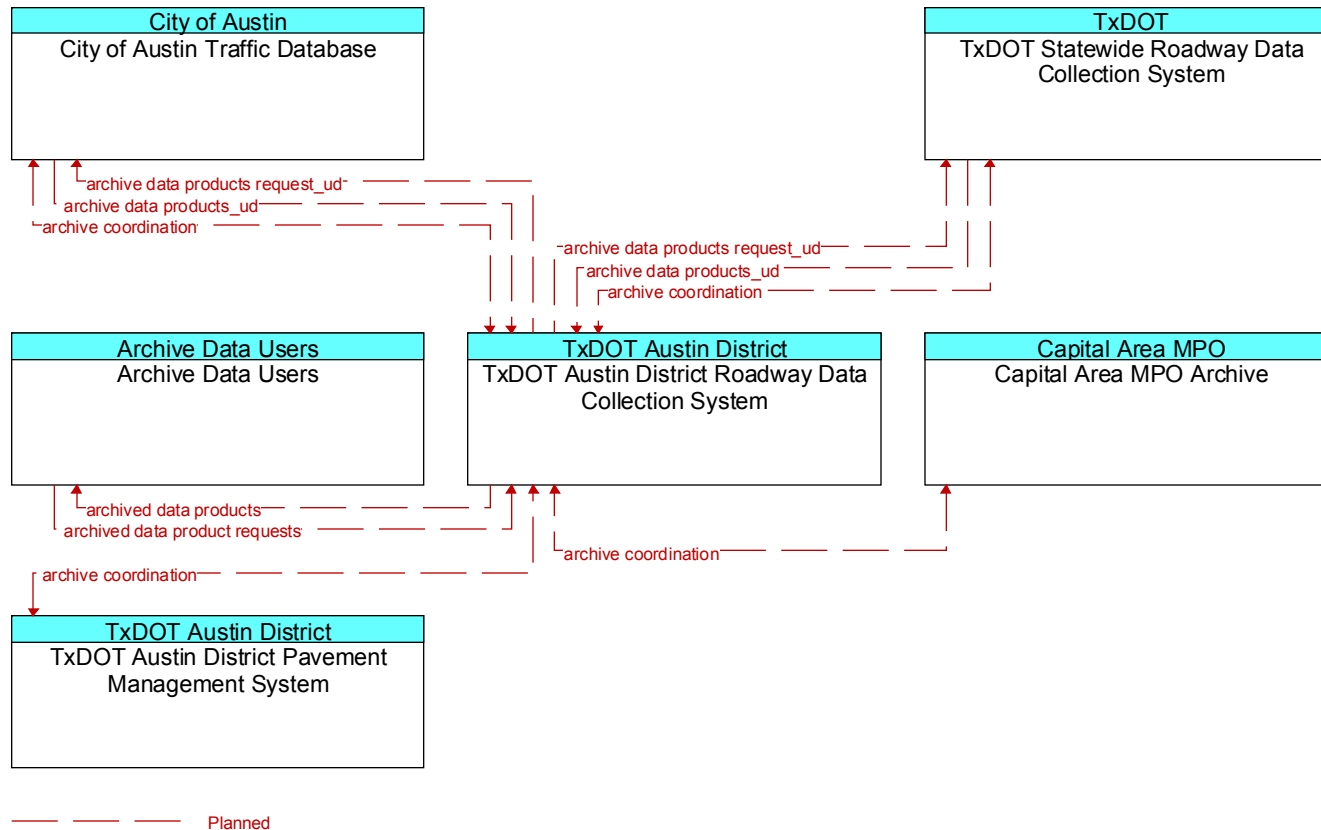


Figure D222 – TxDOT Austin District RWIS Interfaces

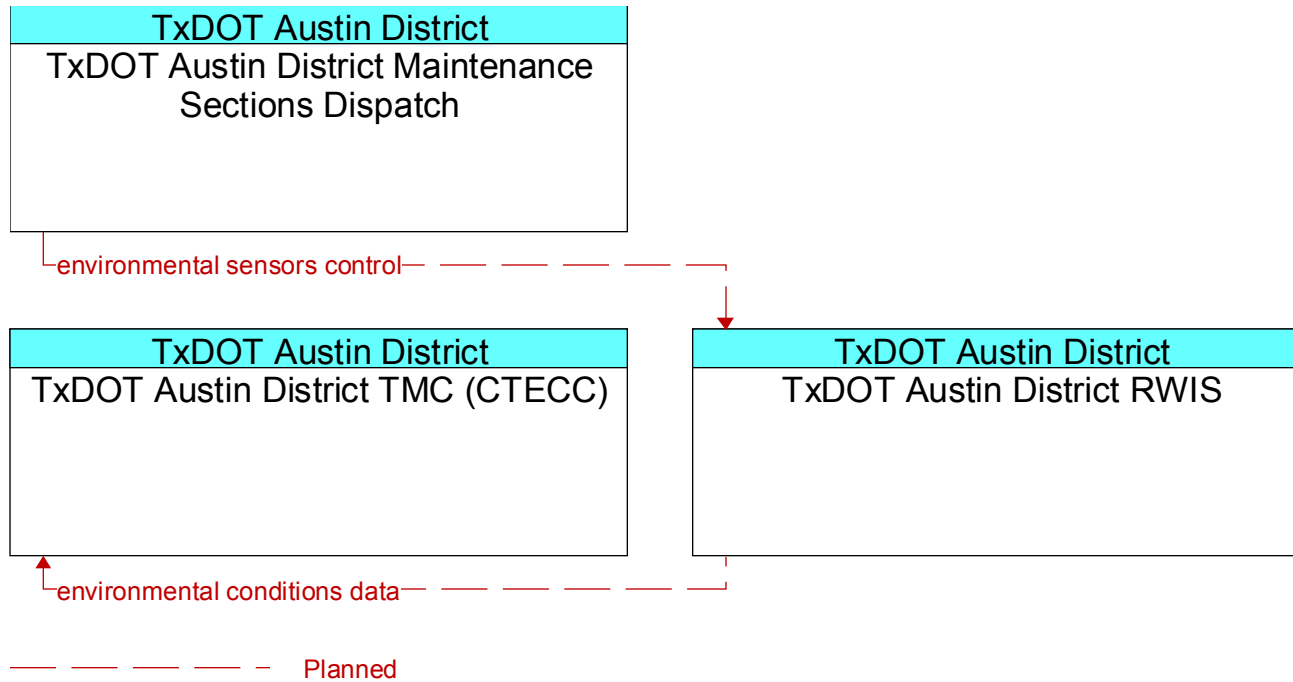


Figure D223 – TxDOT Austin District Security Monitoring Field Equipment Interfaces

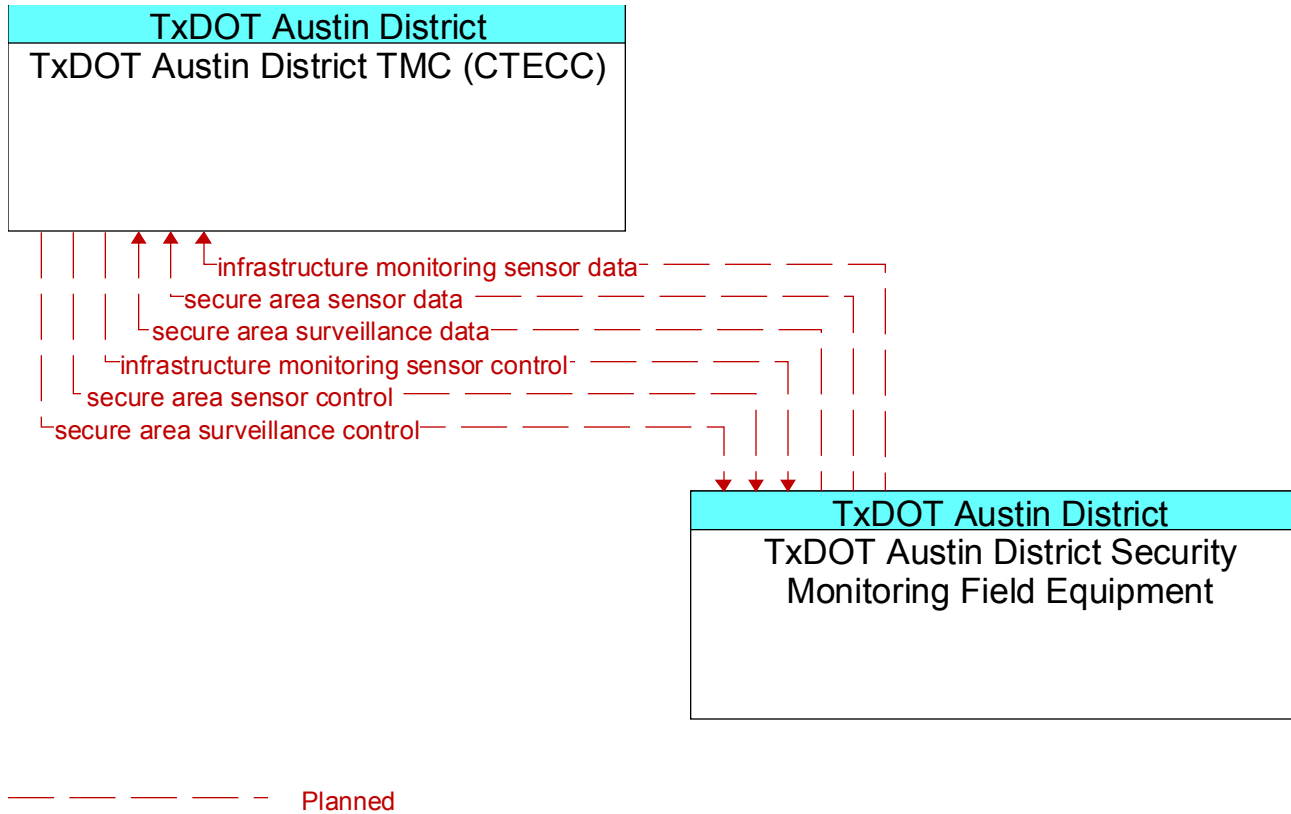


Figure D224 – TxDOT Austin District Signal Server Interfaces

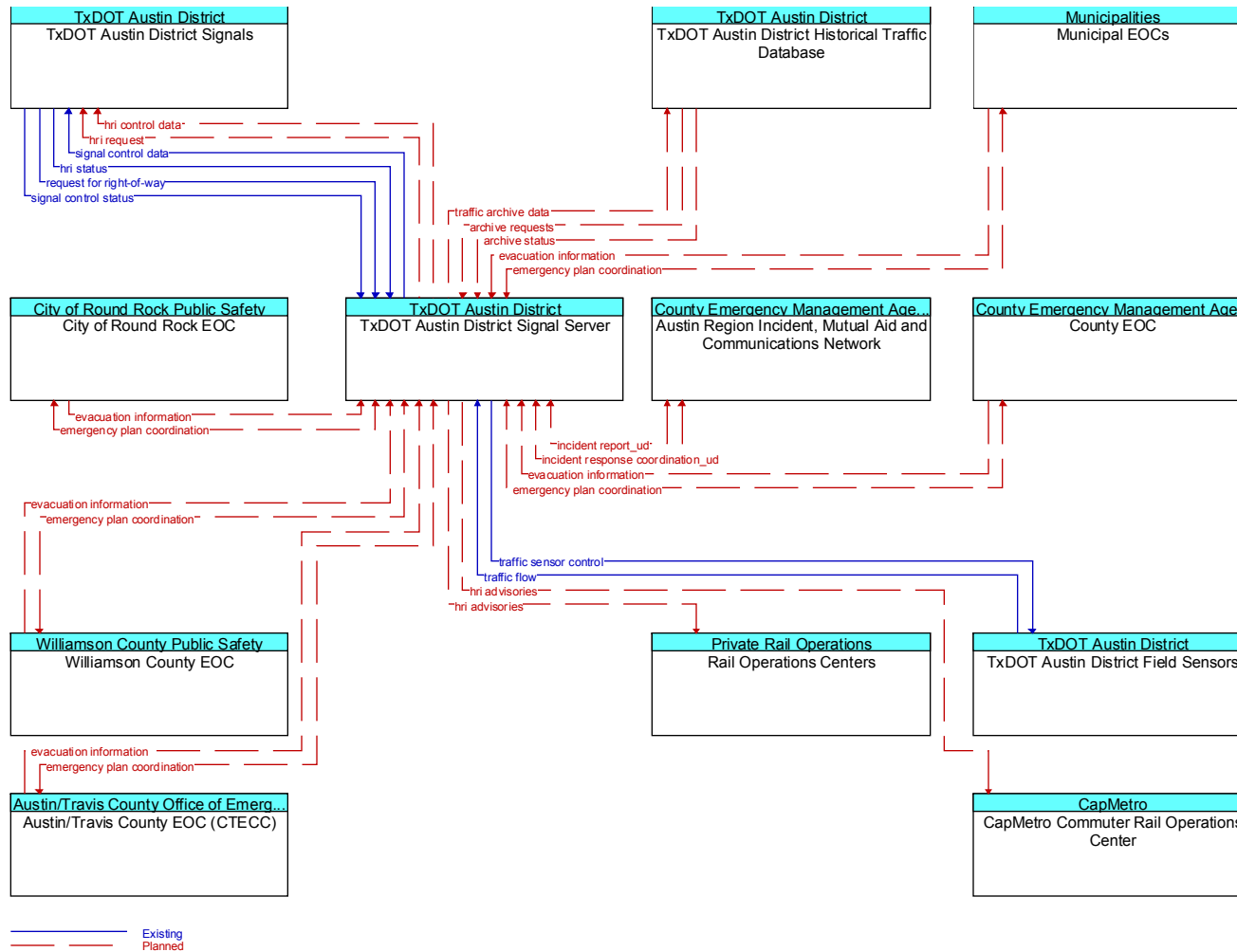


Figure D225 – TxDOT Austin District Signals Interfaces

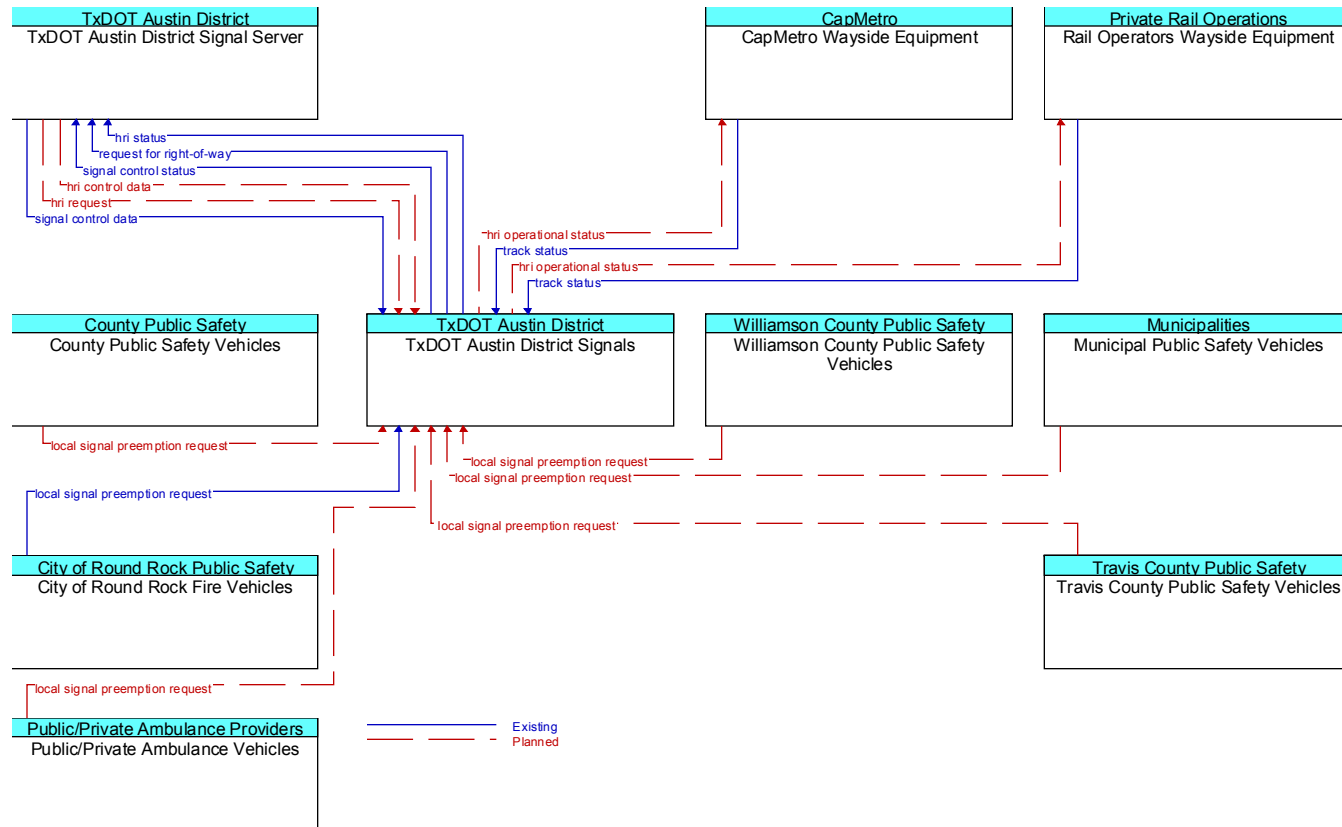
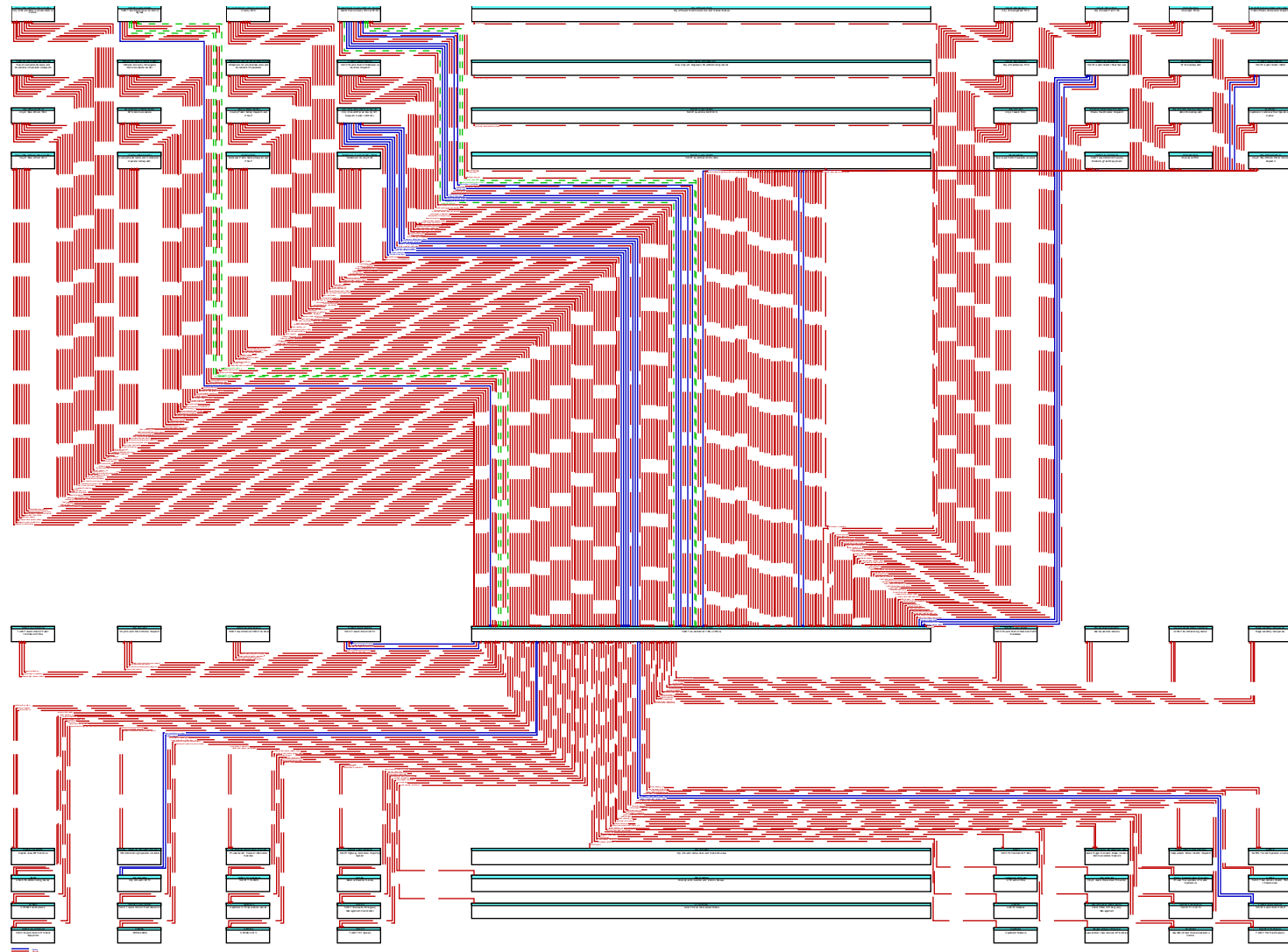




Figure D226 – TxDOT Austin District TMC (CTECC) Interfaces



Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC)	ABIA Police Dispatch	incident information	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report_ud	Planned
		incident response coordination_ud	Planned
	Austin/Travis County EOC (CTECC)	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Existing/ Planned
		resource deployment status	Existing/ Planned
		road network conditions	Existing
		road network status assessment	Planned
		traffic images	Existing
	Capital Area MPO Archive	traffic archive data	Planned
	CapMetro Commuter Rail Operations Center	hri advisories	Planned
		road network conditions	Planned
	CapMetro Fixed Route Operations Center	flood warning_ud	Planned
		road network conditions	Planned
	CapMetro STS Operations Center	flood warning_ud	Planned
		road network conditions	Planned
CapMetro Website	road network conditions	Planned	
CARTS Transit Operations Center	flood warning_ud	Planned	
	road network conditions	Planned	
CARTS Website	road network conditions	Planned	
City of Austin CCTV	video surveillance control	Existing	

Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	City of Austin Public Works Dispatch	incident information	Planned
		maint and constr resource request	Planned
	City of Austin TMC	amber alert_ud	Planned
		flood warning_ud	Planned
		incident information	Planned
		threat information	Planned
		traffic information coordination	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	flood warning_ud	Planned
		incident information	Existing
		incident report	Planned
		resource deployment status	Existing
		road network conditions	Existing
		threat information coordination	Planned
		traffic images	Existing
		traffic violation notification	Planned
	City of Cedar Park TOC	amber alert_ud	Planned
		incident information	Planned
		threat information	Planned
		traffic information coordination	Planned
		transportation system status	Planned
	City of Georgetown TOC	amber alert_ud	Planned
		incident information	Planned
threat information		Planned	
traffic information coordination		Planned	
transportation system status		Planned	

Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	City of Round Rock Communications Center	flood warning_ud	Planned
		incident information	Planned
		incident report	Planned
		resource deployment status	Planned
		road network conditions	Planned
		threat information coordination	Planned
		traffic images	Planned
	City of Round Rock EOC	emergency plan coordination	Planned
		evacuation coordination	Planned
		flood warning_ud	Planned
		resource deployment status	Planned
		road network status assessment	Planned
	City of Round Rock Public Works Dispatch	incident information	Planned
		maint and constr resource request	Planned
	City of Round Rock TMC	amber alert_ud	Planned
		incident information	Planned
		threat information	Planned
		traffic information coordination	Planned
		transportation system status	Planned
	City of San Marcos TOC	amber alert_ud	Planned
		incident information	Planned
		threat information	Planned
		traffic information coordination	Planned
		transportation system status	Planned
	County EOC	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned

Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	County EOC (continued)	resource deployment status	Planned
		road network status assessment	Planned
	County Maintenance and Construction Operations Dispatch	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		work plan feedback	Planned
	County Public Safety Dispatch and PSAP	flood warning_ud	Planned
		incident information	Planned
		incident report	Planned
		resource deployment status	Planned
		road network conditions	Planned
		threat information coordination	Planned
		traffic images	Planned
	CTRMA CCTV	video surveillance control	Planned
	CTRMA DMS	roadway information system data	Planned
	CTRMA Field Sensors	traffic sensor control	Planned
	DPS Communications	flood warning_ud	Planned
		incident information	Planned
		incident report	Planned
		resource deployment status	Planned
		road network conditions	Planned
		threat information coordination	Planned
	Independent School District Dispatch	flood warning_ud	Planned
		road network conditions	Planned
	LCRA Flood Monitoring Center	incident information	Planned
	Local Print and Broadcast Media	road network conditions	Planned

Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	Municipal EOCs	alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned
	Municipal Public Safety Dispatch and PSAP	flood warning_ud	Planned
		incident information	Planned
		incident report	Planned
		resource deployment status	Planned
		road network conditions	Planned
		threat information coordination	Planned
		traffic images	Planned
	Municipal PWD	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
	Municipal Traffic Operations Center	amber alert_ud	Planned
		incident information	Planned
		threat information	Planned
		traffic information coordination	Planned
		transportation system status	Planned
	National Weather Service	environmental conditions data	Planned
	Private Sector Traveler Information Services	road network conditions	Planned
		traffic information coordination	Planned
	Private Tow/Wrecker Dispatch	incident information	Planned
resource deployment status		Planned	
road network conditions		Planned	
traffic images		Planned	
Private Transportation Provider Operations	flood warning_ud	Planned	
	road network conditions	Planned	

Source Element	Destination Element	Flow	Status	
TxDOT Austin District TMC (CTECC) (continued)	Public/Private Ambulance Dispatch	incident information	Planned	
		resource deployment status	Planned	
		road network conditions	Planned	
	Rail Operations Centers	hri advisories	Planned	
	Regional Utility Companies	work plan feedback	Planned	
	State Office of Emergency Management	threat information coordination	Planned	
	TCEQ Monitoring Operations Section	pollution state data request	Planned	
	Travis County Maintenance and Construction Operations Dispatch		flood warning_ud	Planned
			incident information	Planned
			maint and constr resource request	Planned
			road network conditions	Planned
			work plan feedback	Planned
	TxDOT 511 System		incident information	Planned
			road network conditions	Planned
	TxDOT Austin District CCTV		video surveillance control	Existing
			video surveillance control_ud	Planned
	TxDOT Austin District DMS		HOV price information_ud	Planned
			roadway information data for emergencies_ud	Planned
			roadway information system data	Existing
			speed information_ud	Planned
	TxDOT Austin District Field Sensors		freeway control data	Existing
			traffic sensor control	Existing
	TxDOT Austin District Flood Detectors		flood sensor control_ud	Planned
	TxDOT Austin District HAR		roadway information system data	Existing
	TxDOT Austin District HERO Vehicles		emergency dispatch requests	Planned
	TxDOT Austin District Historical Traffic Database		traffic archive data	Planned
	TxDOT Austin District ITS Field Equipment		speed monitoring control	Planned

Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	TxDOT Austin District Lane Control Signals	freeway control data	Existing/ Planned
		reversible lane control	Planned
		signal control data	Planned
		traffic sensor control	Existing/ Planned
	TxDOT Austin District Maintenance Sections Dispatch	flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
		road network conditions	Planned
		road weather information_ud	Planned
		threat information	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	alert notification	Planned
		road network conditions	Planned
		transportation system status	Planned
	TxDOT Austin District Security Monitoring Field Equipment	infrastructure monitoring sensor control	Planned
		secure area sensor control	Planned
		secure area surveillance control	Planned
	TxDOT Austin District Website	road network conditions	Planned
	TxDOT Highway Conditions Reporting System	incident information	Planned
		road network conditions	Planned
TxDOT Other District TMCs	traffic information coordination	Planned	
TxDOT San Antonio District TMC (TransGuide)	amber alert confirmation_ud	Planned	
TxDOT Statewide Emergency Management Coordinator	emergency plan coordination	Planned	
TxDOT TTA CCTV	video surveillance control	Planned	
TxDOT TTA DMS	roadway information system data	Planned	
TxDOT TTA Field Sensors	traffic sensor control	Planned	



Source Element	Destination Element	Flow	Status
TxDOT Austin District TMC (CTECC) (continued)	USGS Flood Monitoring Center	incident information	Planned
		UT Police Dispatch	Planned
	Williamson County Emergency Communications Center	resource deployment status	Planned
		road network conditions	Planned
		flood warning_ud	Planned
		incident information	Planned
		incident report	Planned
		resource deployment status	Planned
		road network conditions	Planned
	Williamson County EOC	threat information coordination	Planned
		traffic images	Planned
		alert status	Planned
		emergency plan coordination	Planned
		flood warning_ud	Planned
		incident information	Planned
	Williamson County Maintenance and Construction Operations	resource deployment status	Planned
		road network status assessment	Planned
		flood warning_ud	Planned
		incident information	Planned
		maint and constr resource request	Planned
Williamson County Maintenance and Construction Operations	road network conditions	Planned	
	work plan feedback	Planned	

Figure D227 – TxDOT Austin District Website Interfaces

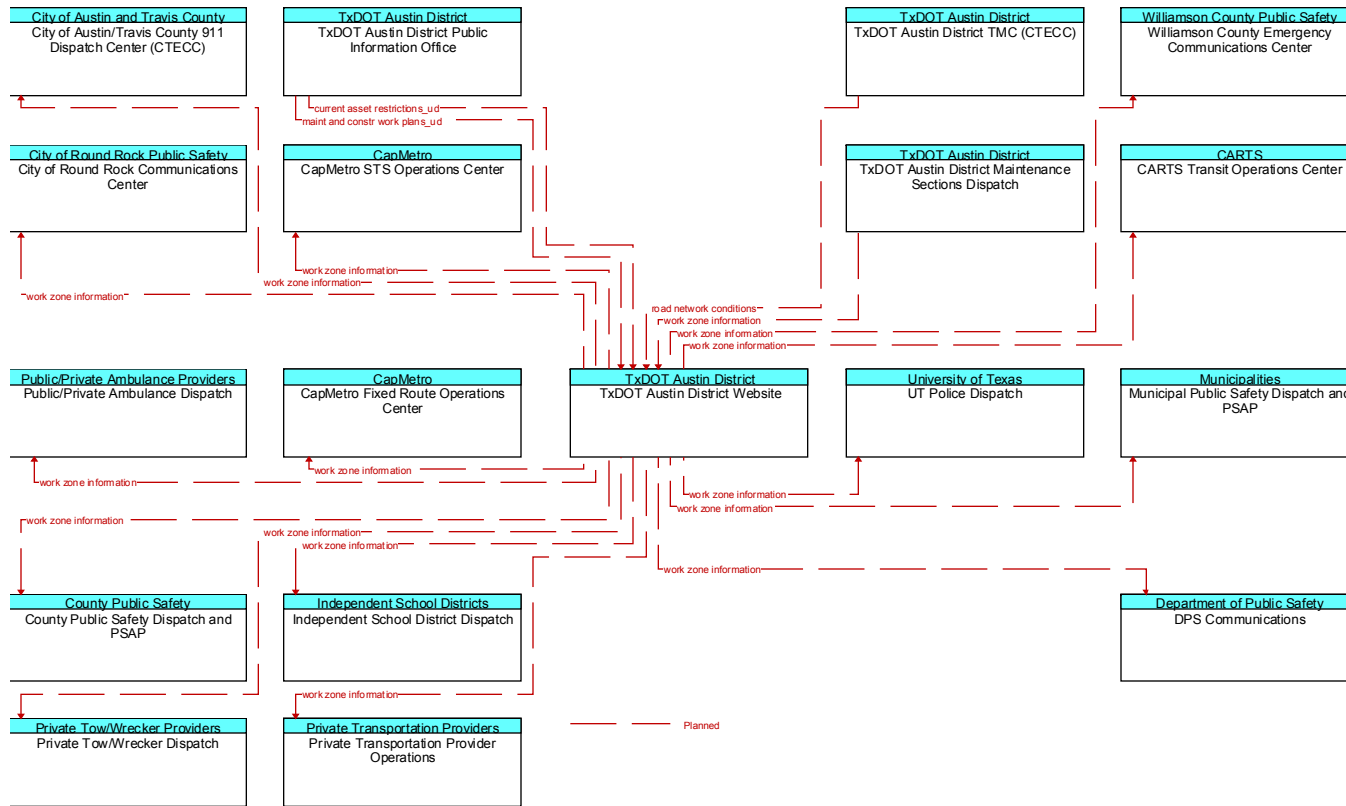


Figure D228 – TxDOT Austin District Work Zone Equipment Interfaces

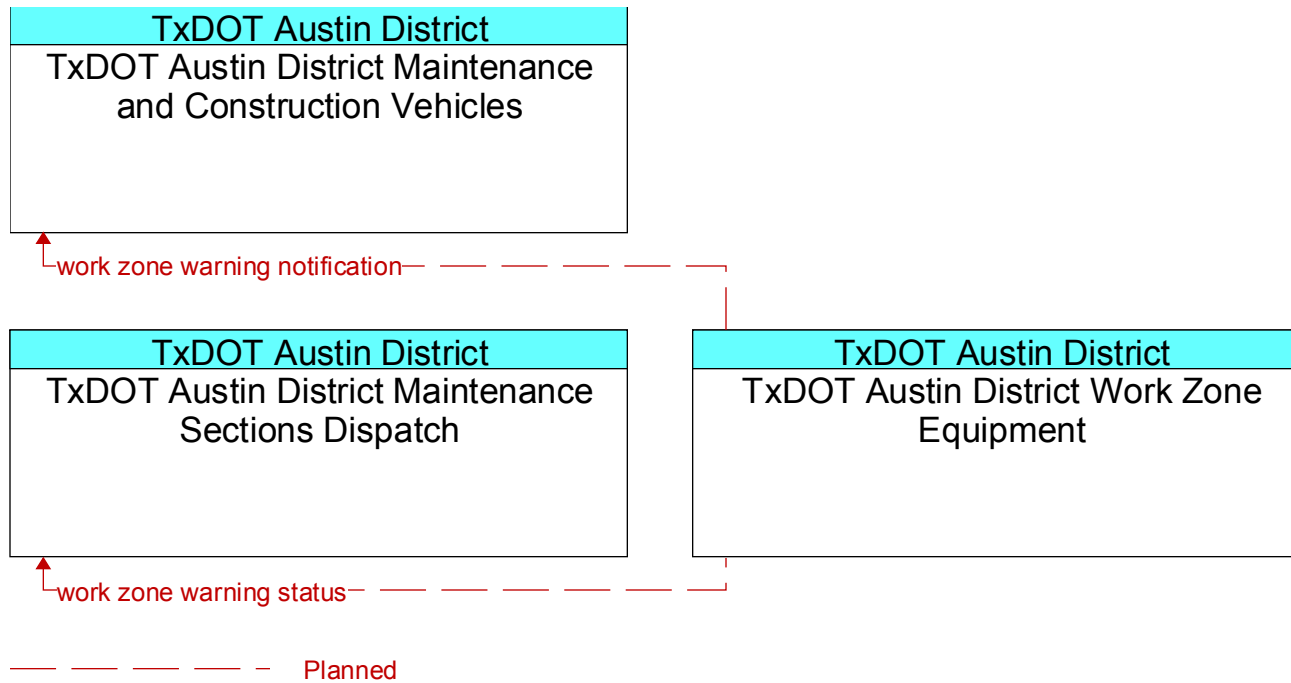


Figure D229 – TxDOT BRINSAP Interfaces

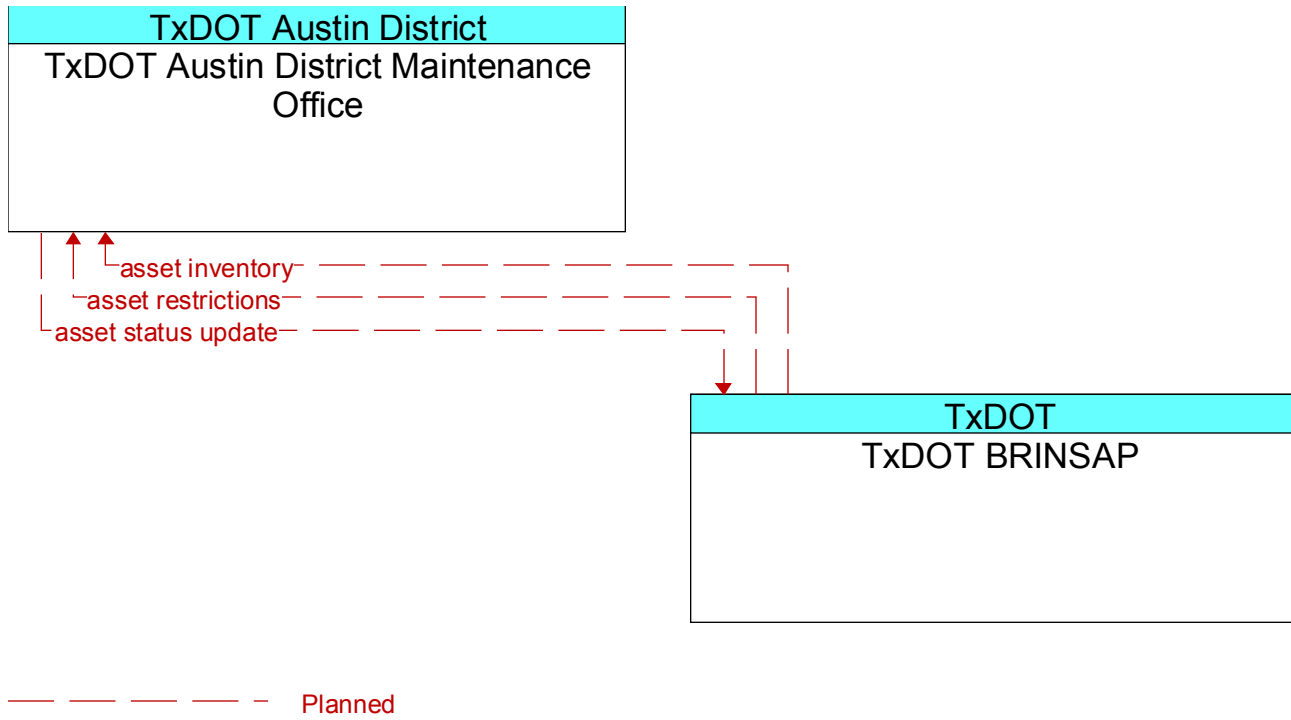


Figure D230 – TxDOT Central Permitting Office Interfaces

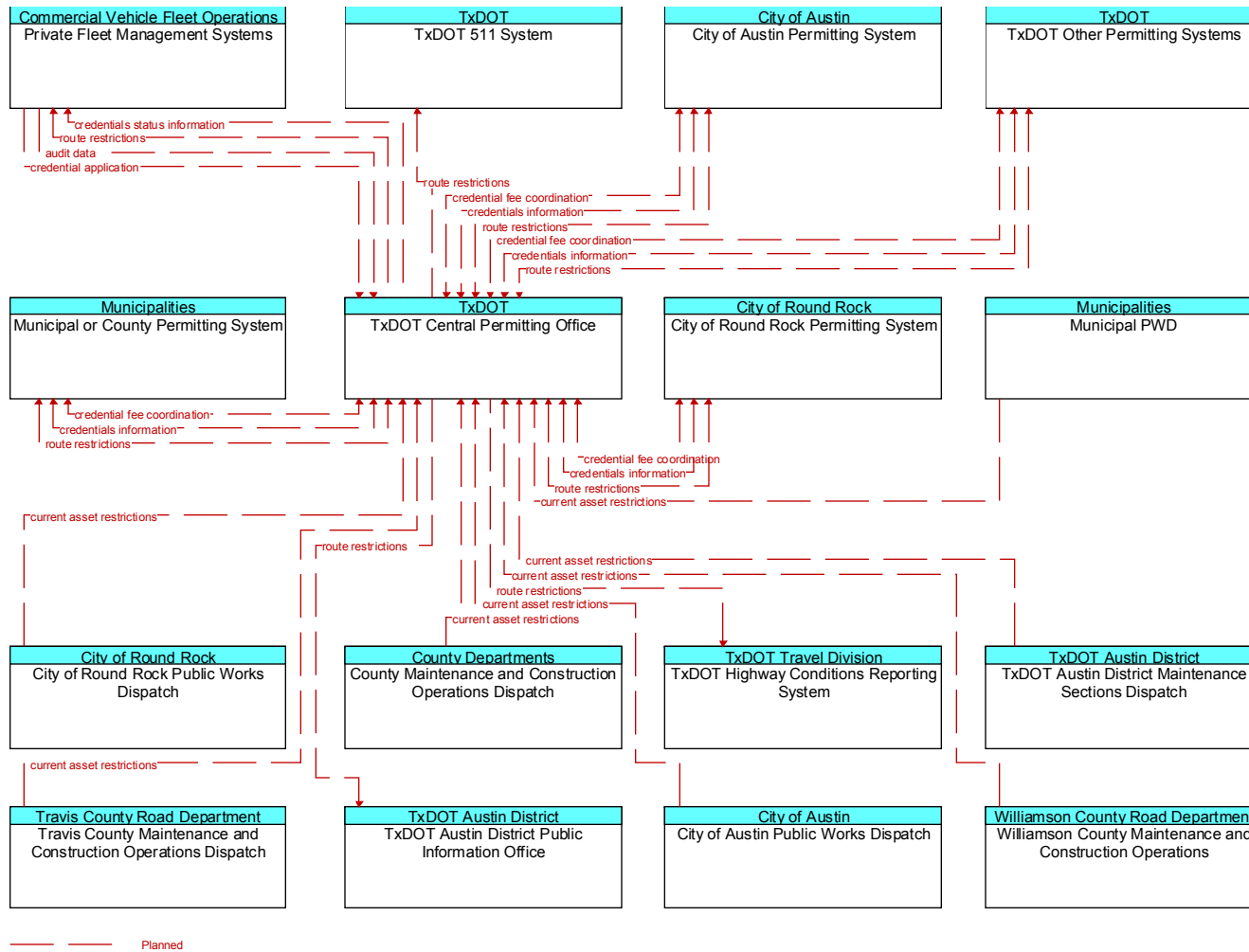


Figure D231 – TxDOT Demand Response Transit Intake Center Interfaces

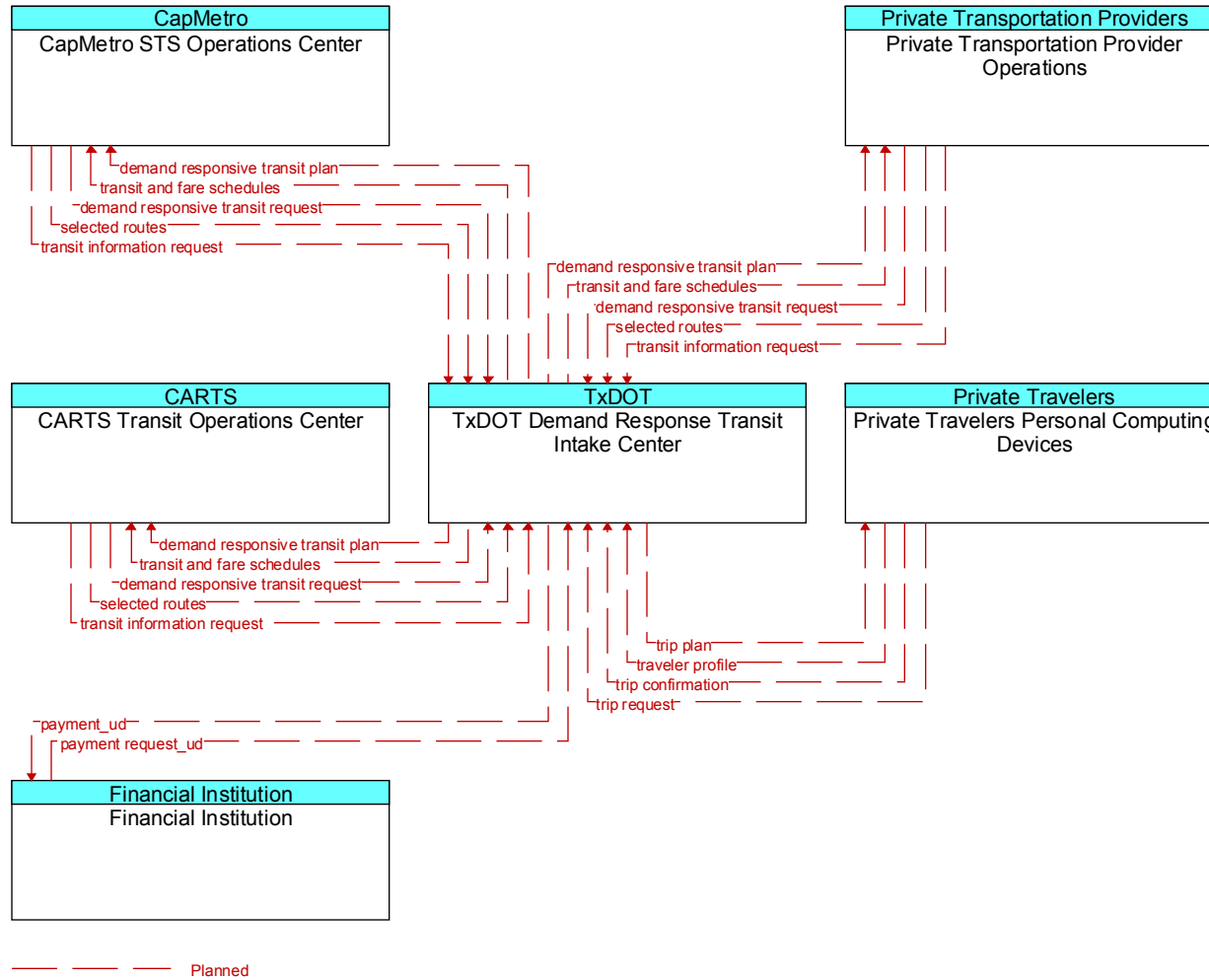


Figure D232 – TxDOT Highway Conditions Reporting System Interfaces

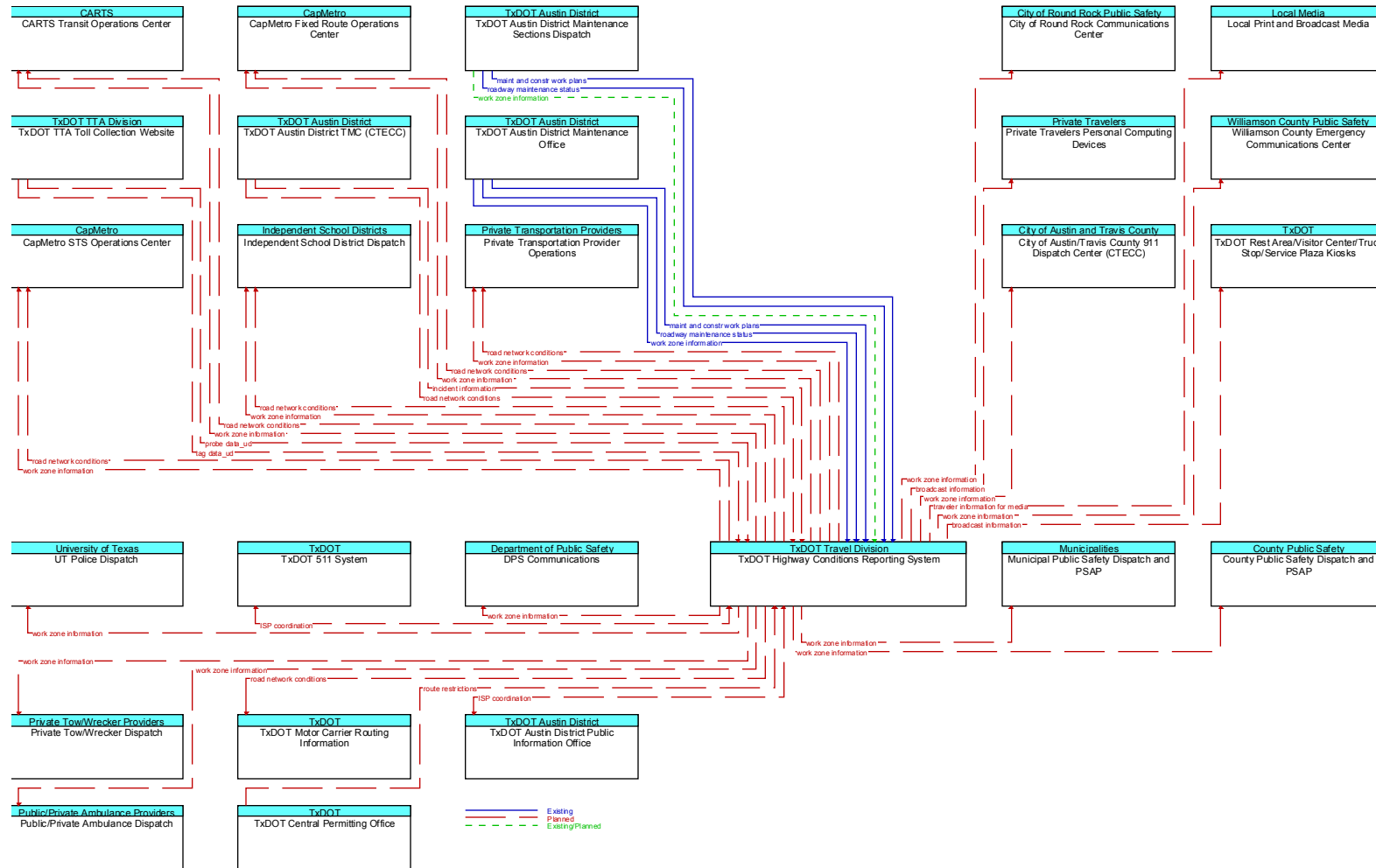


Figure D233 – TxDOT Motor Carrier Routing Information Interfaces

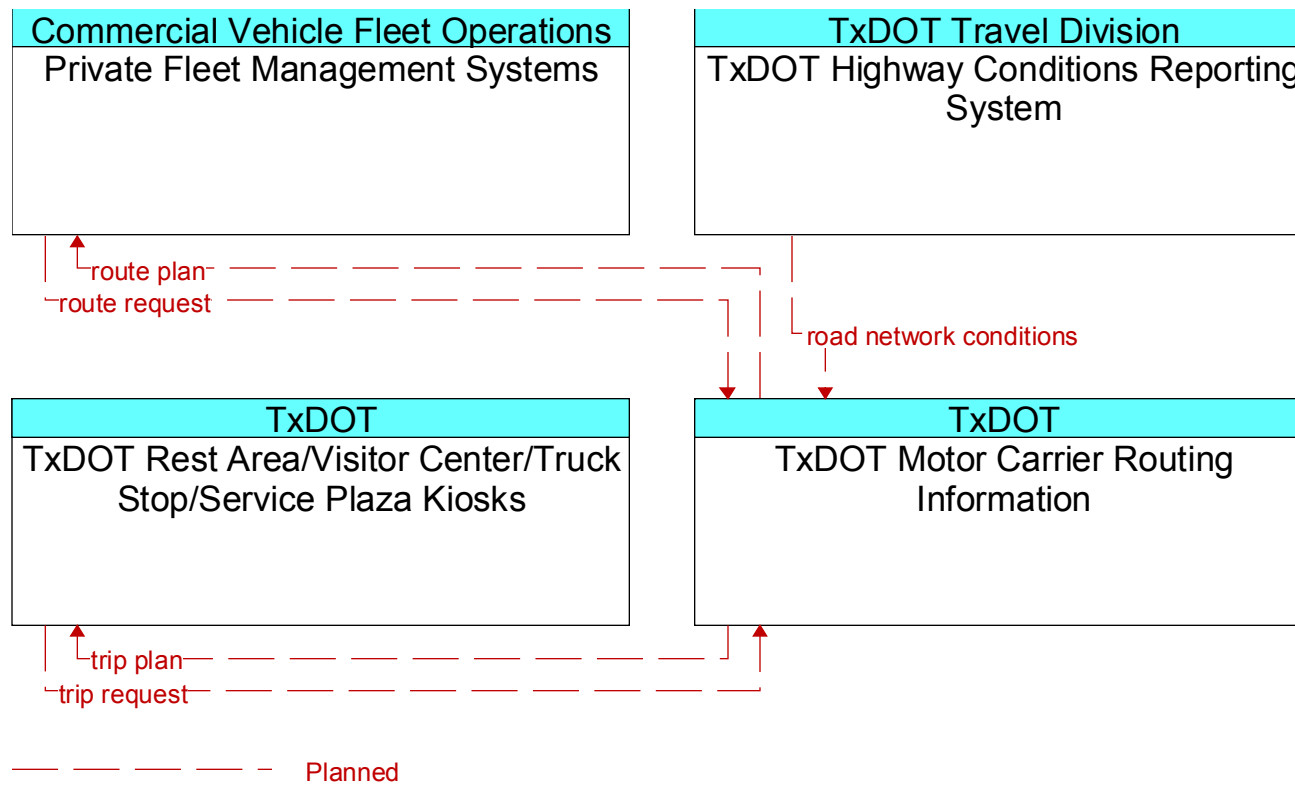




Figure D234 – TxDOT Other District Maintenance Sections Dispatch Interfaces

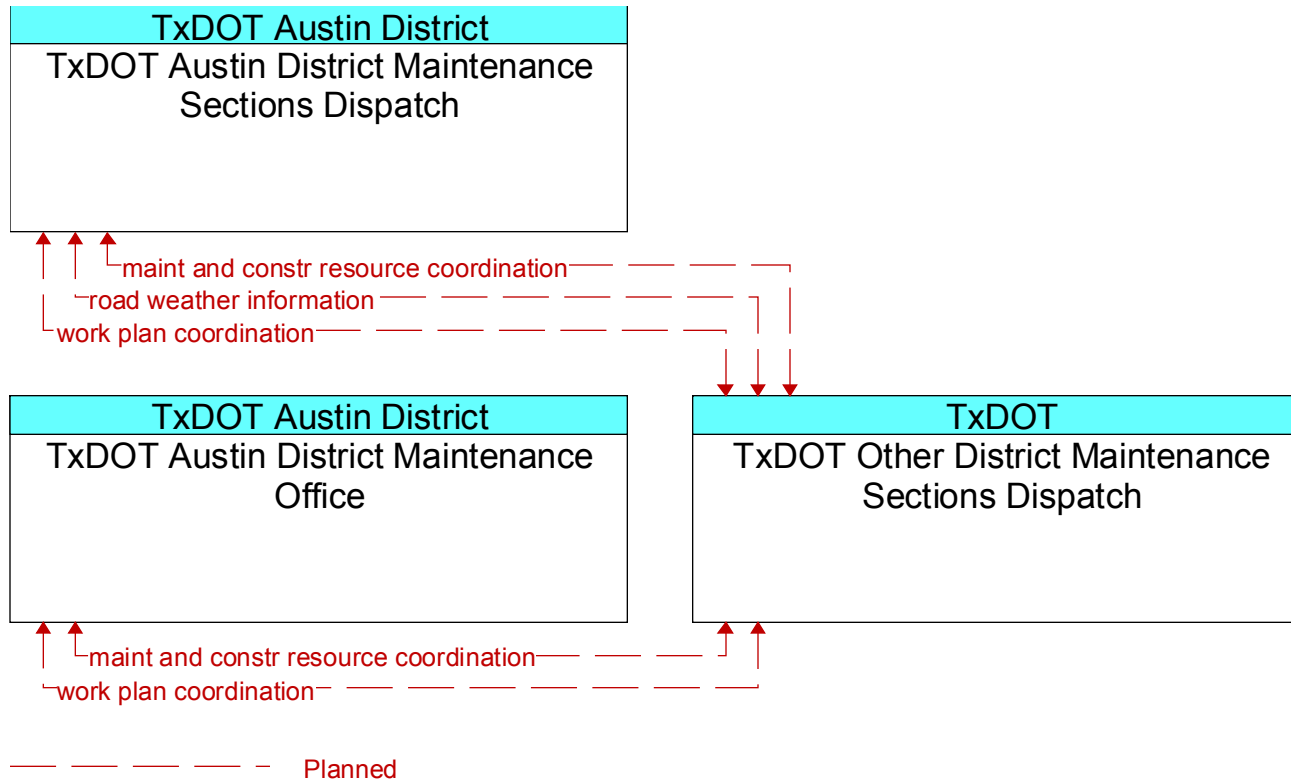


Figure D235 – TxDOT Other District TMCs Interfaces

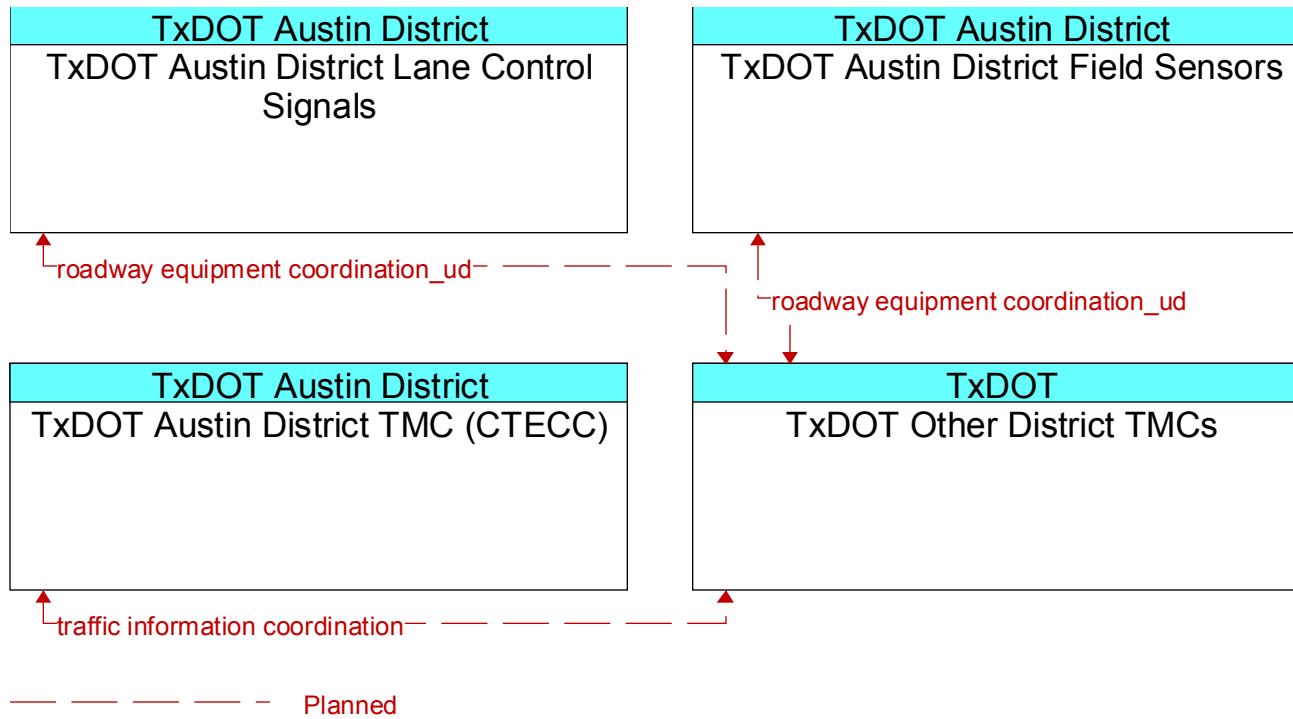


Figure D236 – TxDOT Other Permitting Systems Interfaces

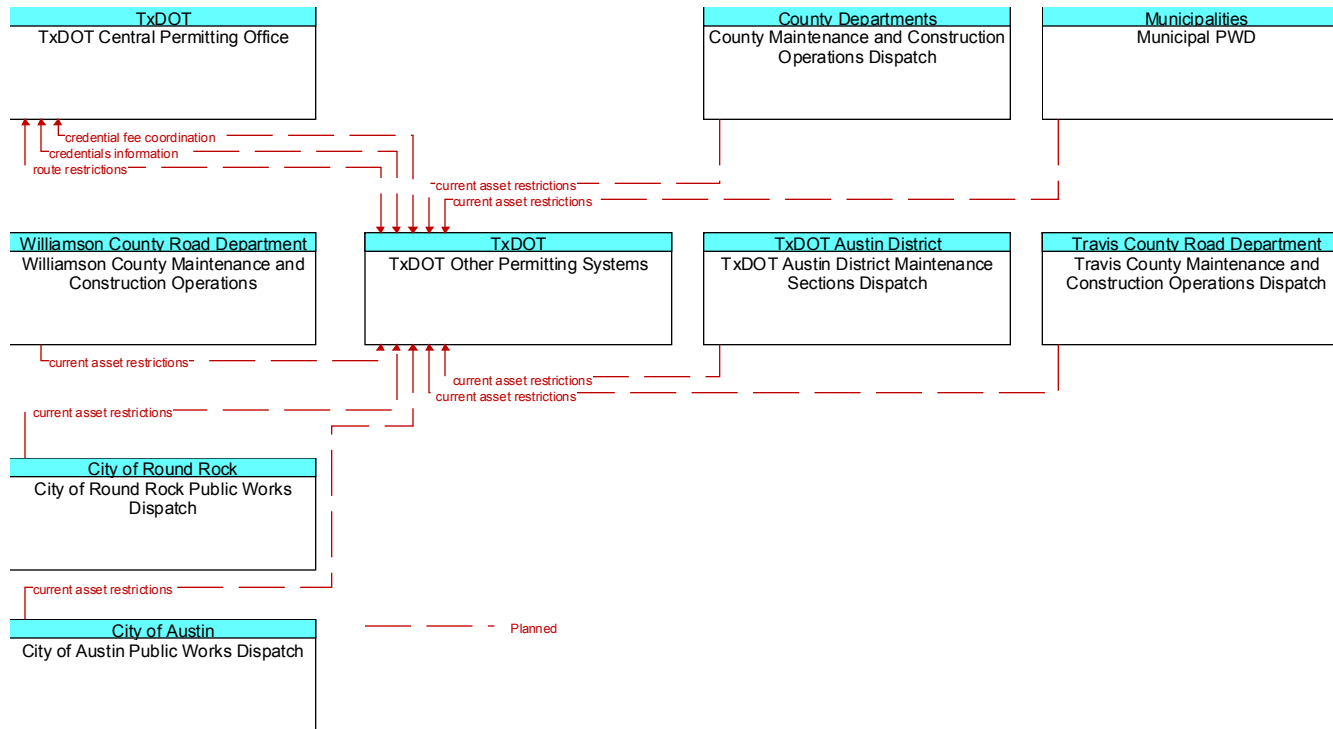


Figure D237 – TxDOT Rest Area/Visitor Center/Truck Stop/Service Plaza Kiosks Interfaces

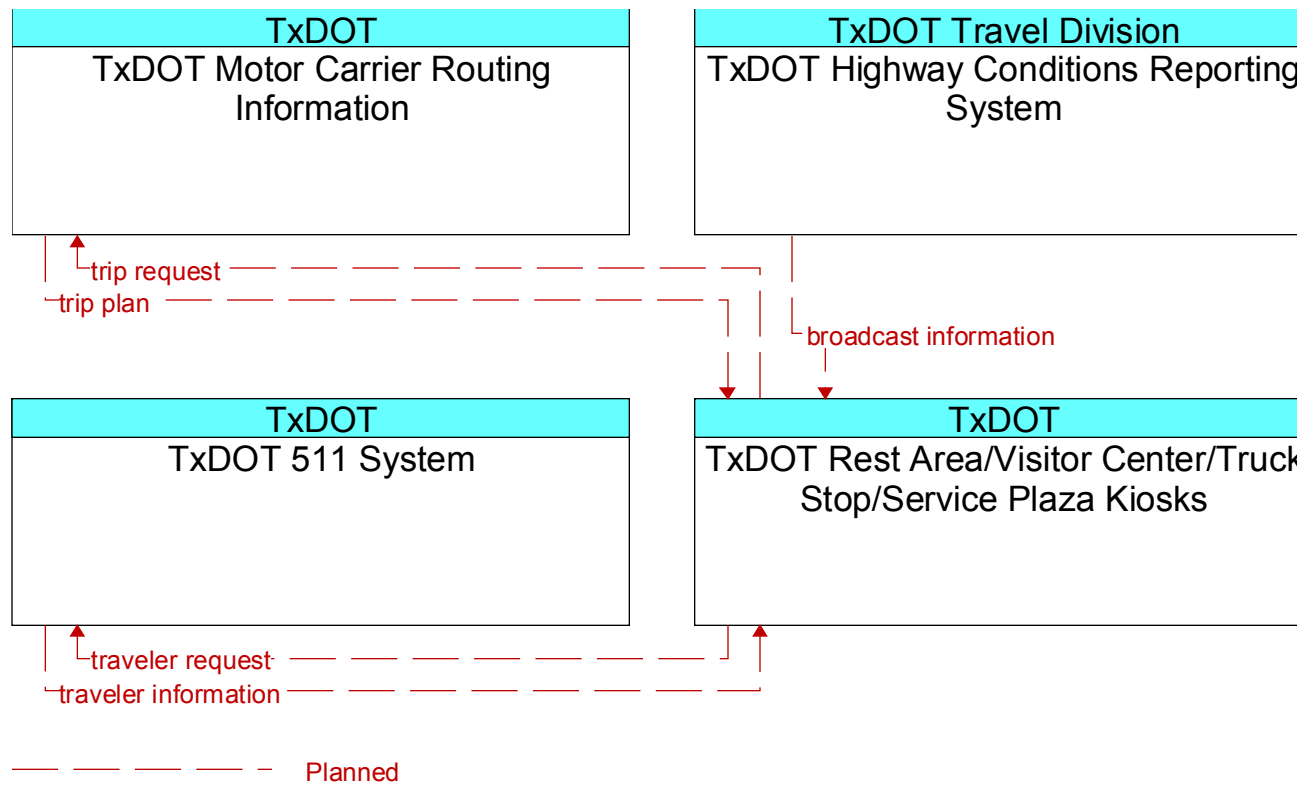
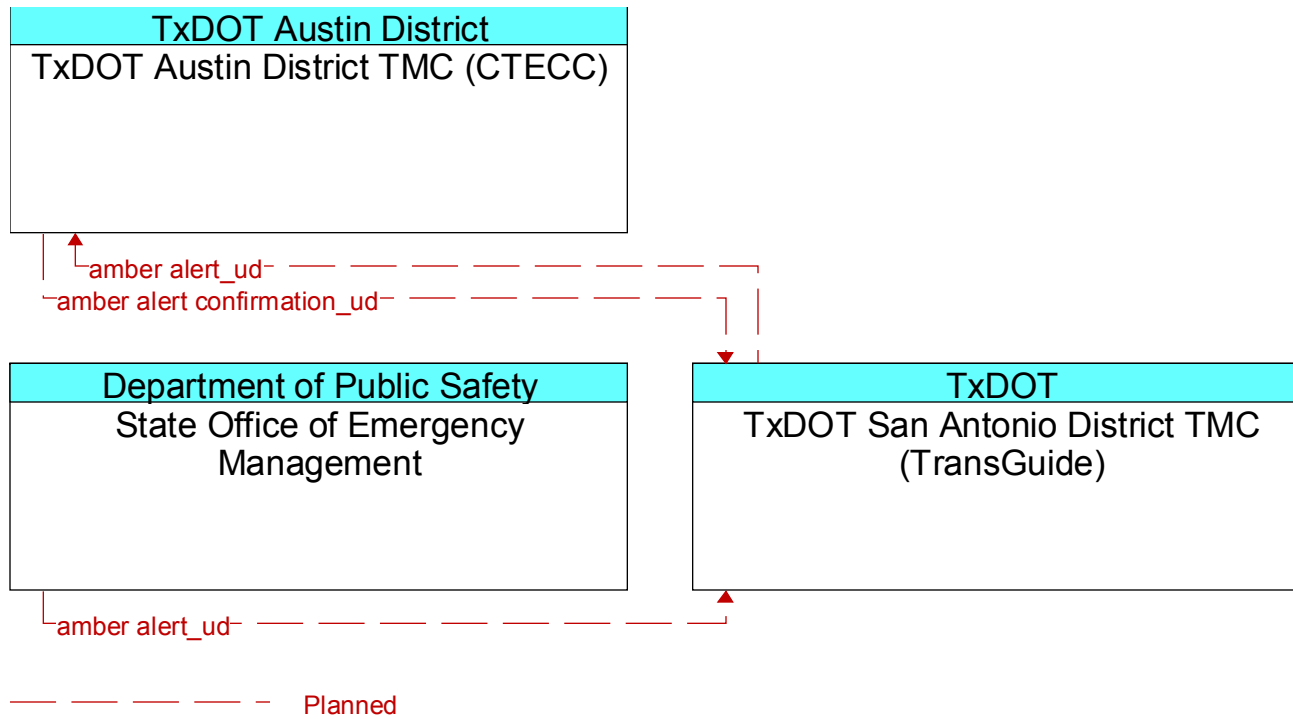
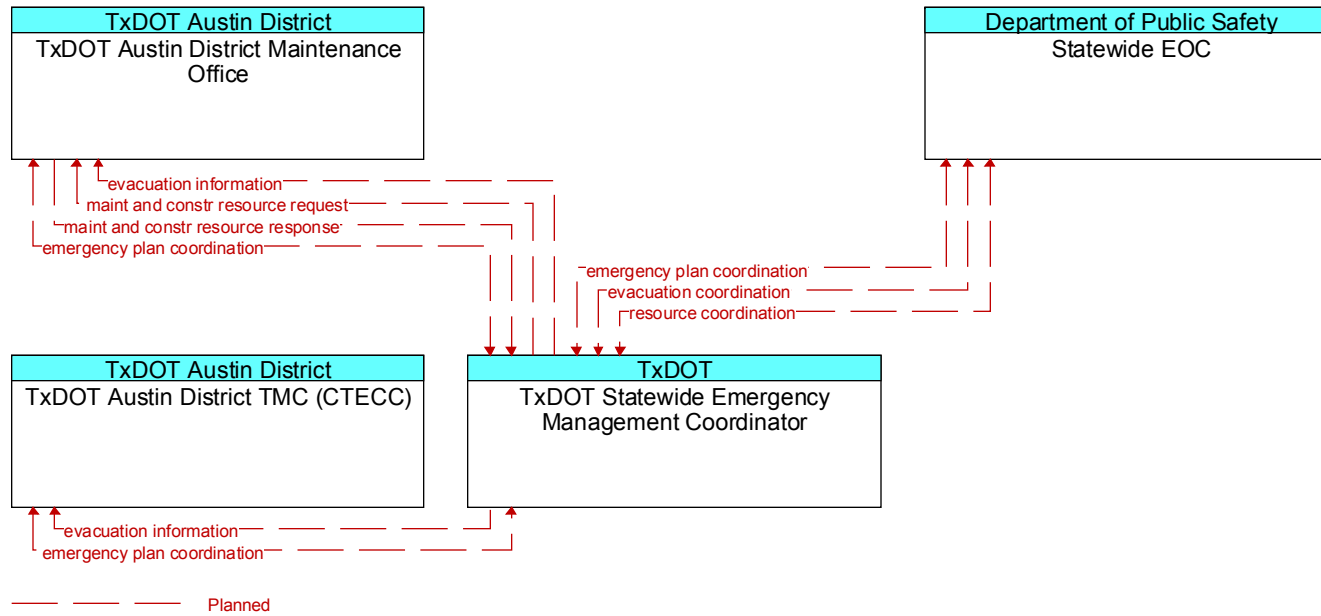


Figure D238 – TxDOT San Antonio District TMC (TransGuide) Interfaces



**Figure D239 – TxDOT Statewide Emergency Management Coordinator Interfaces**



**Figure D240 – TxDOT Statewide Pavement Management System Interfaces**

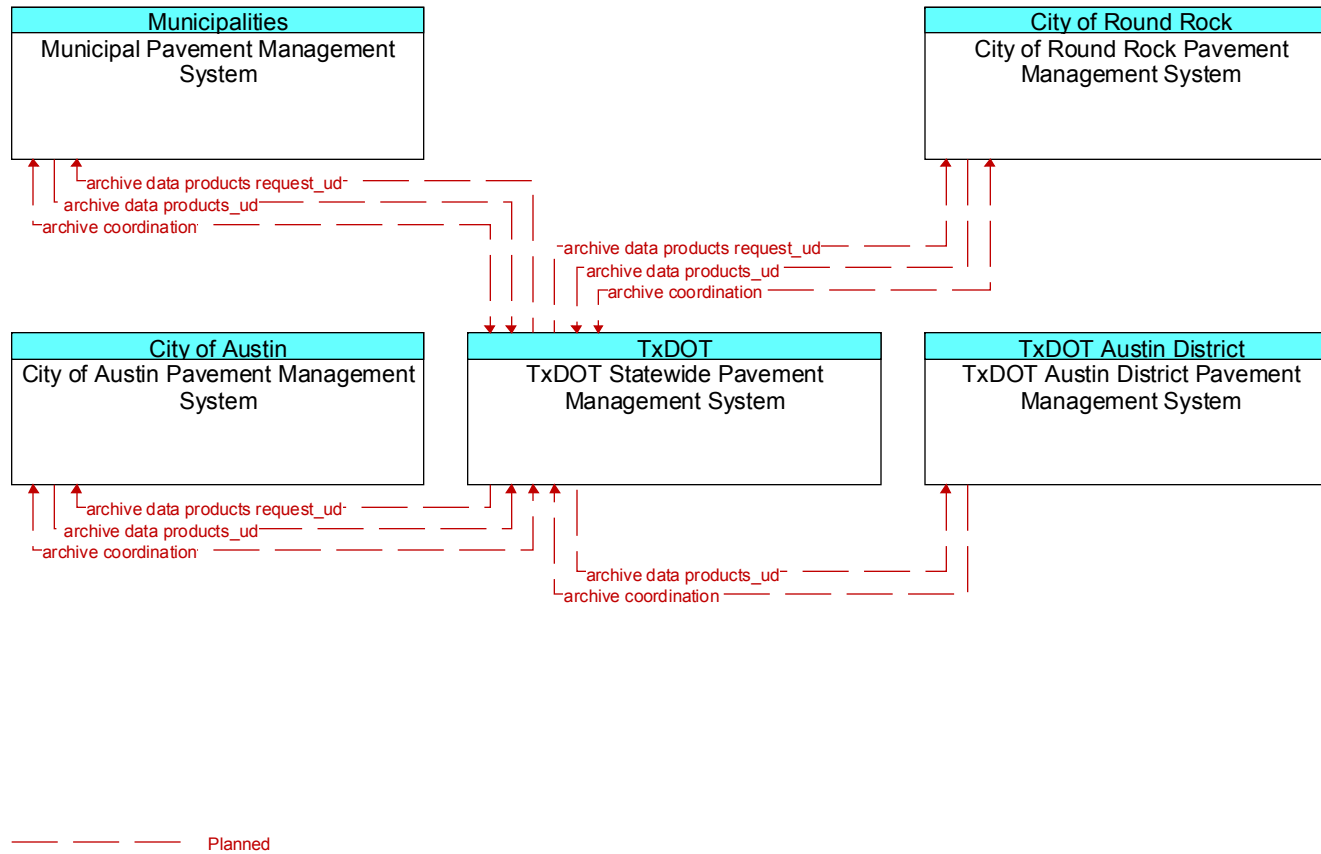


Figure D241 – TxDOT Statewide Roadway Data Collection System Interfaces

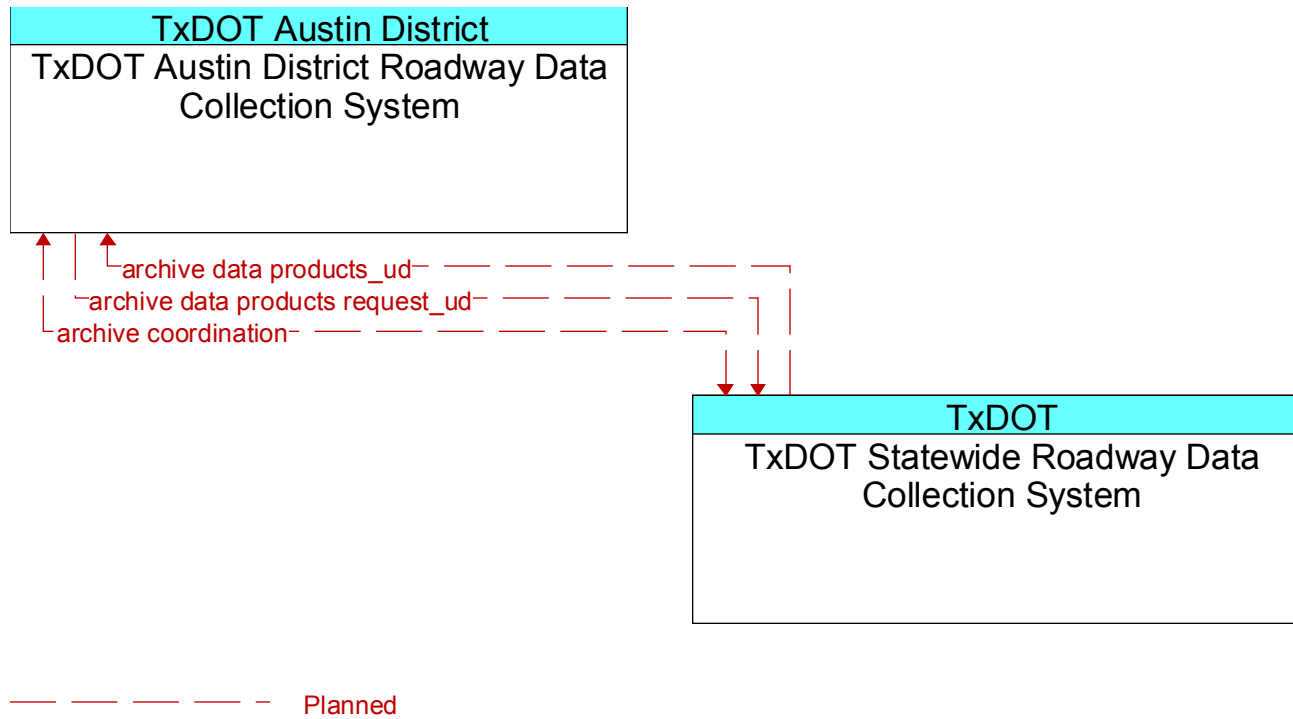
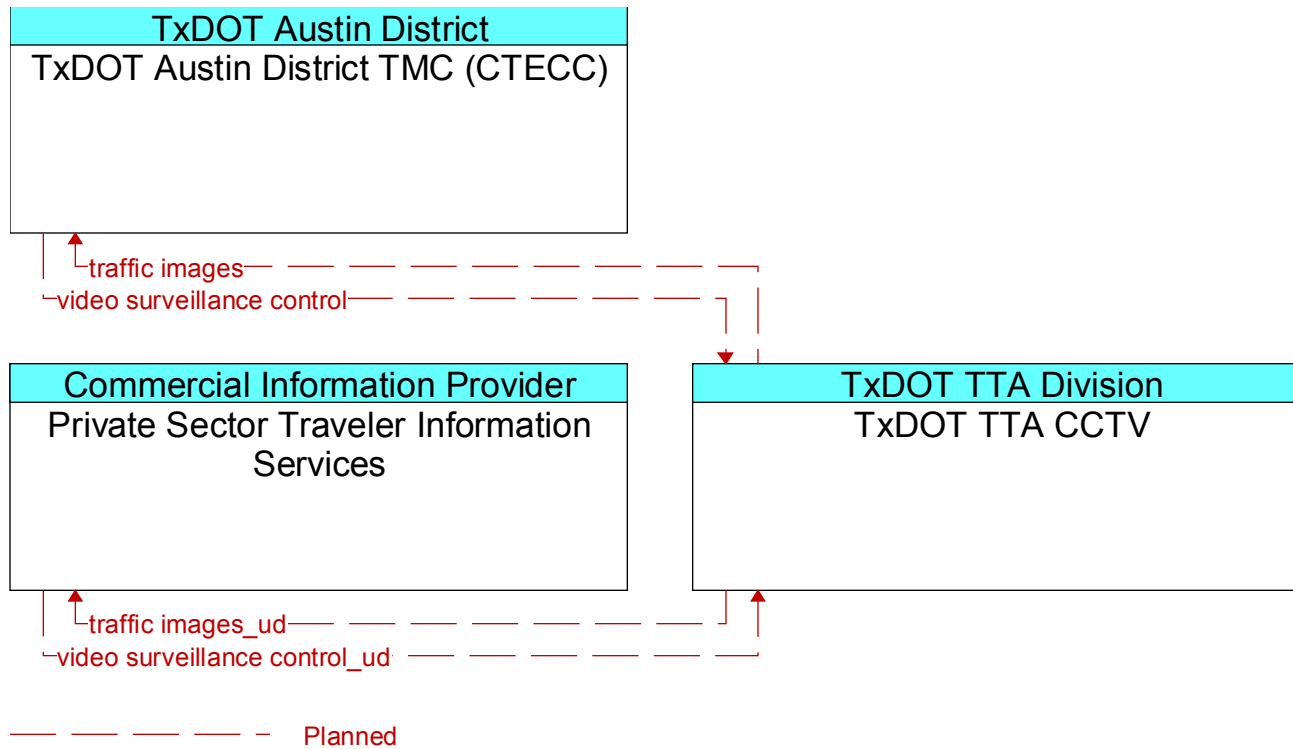




Figure D242 – TxDOT TTA CCTV Interfaces



**Figure D243 – TxDOT TTA Customer Service Center Interfaces**

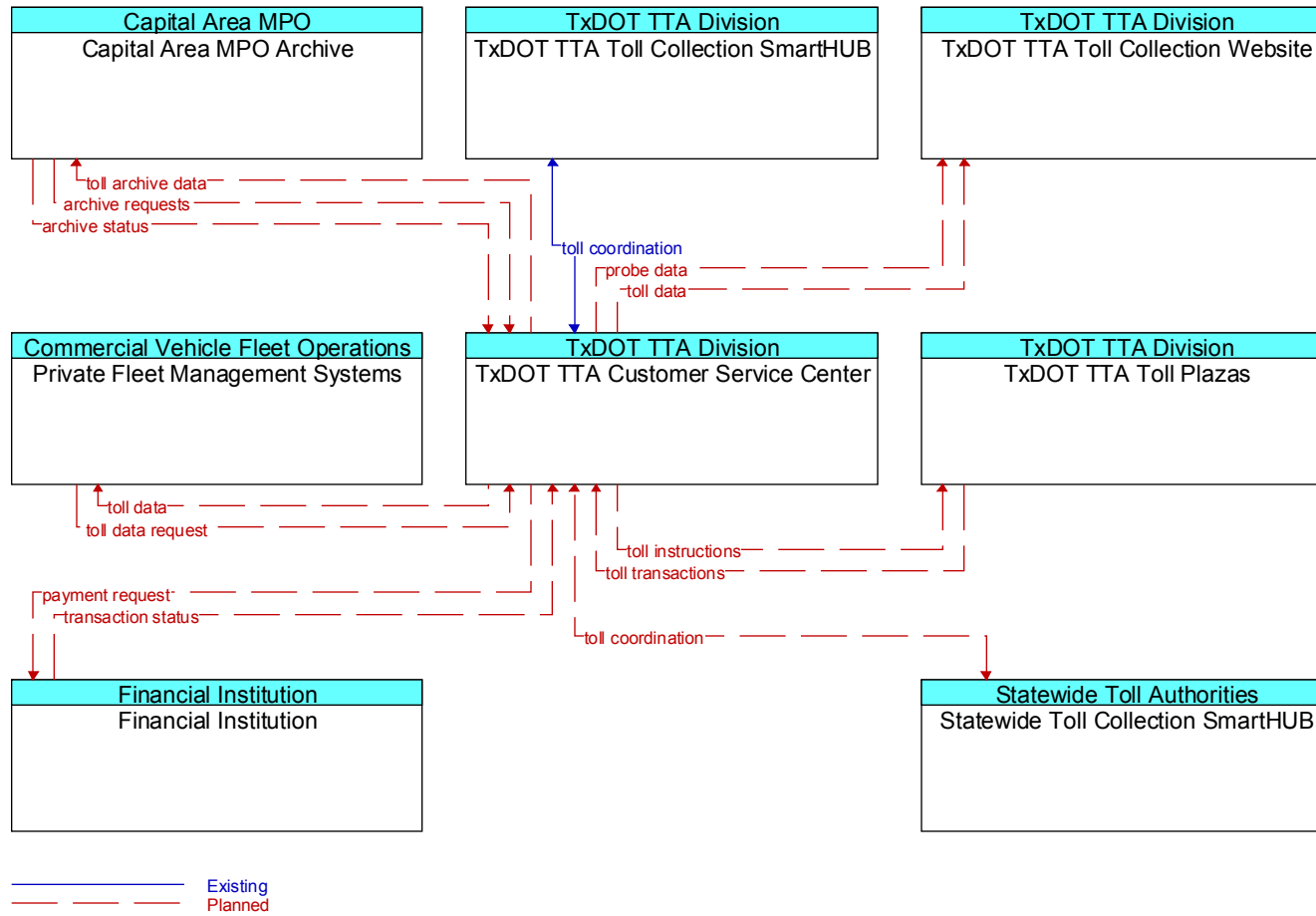


Figure D244 – TxDOT TTA DMS Interfaces

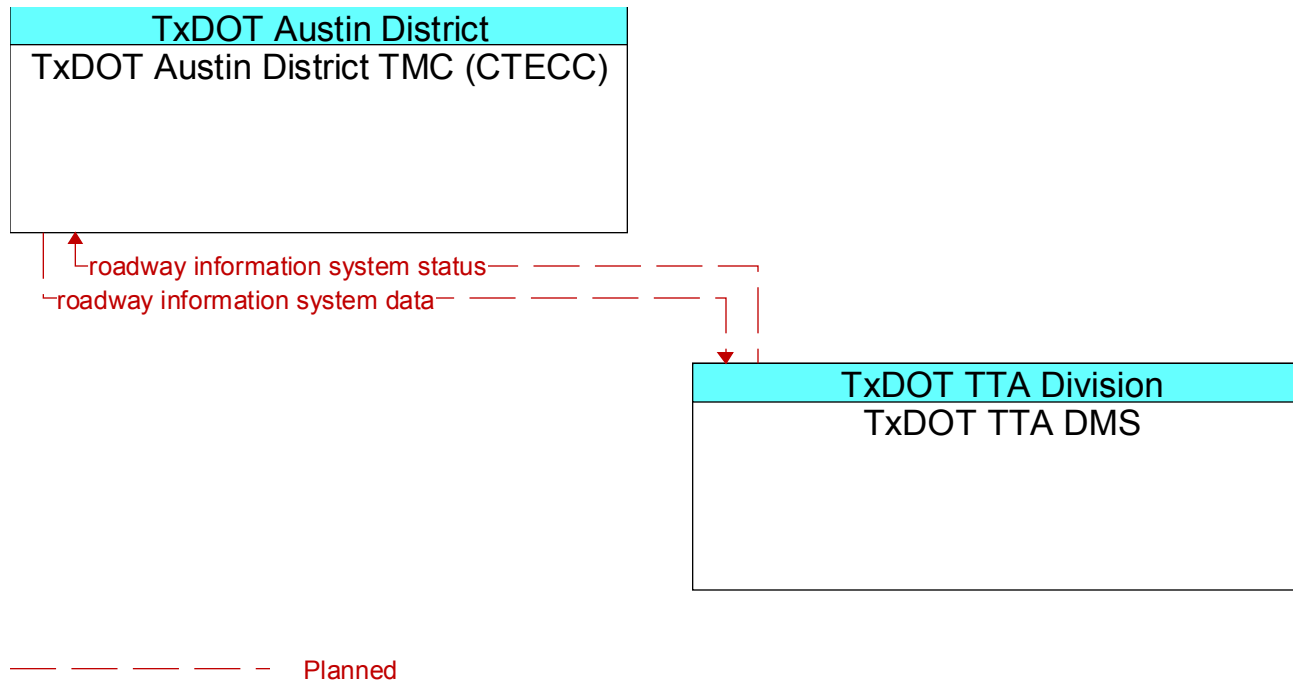


Figure D245 – TxDOT TTA Field Sensors Interfaces

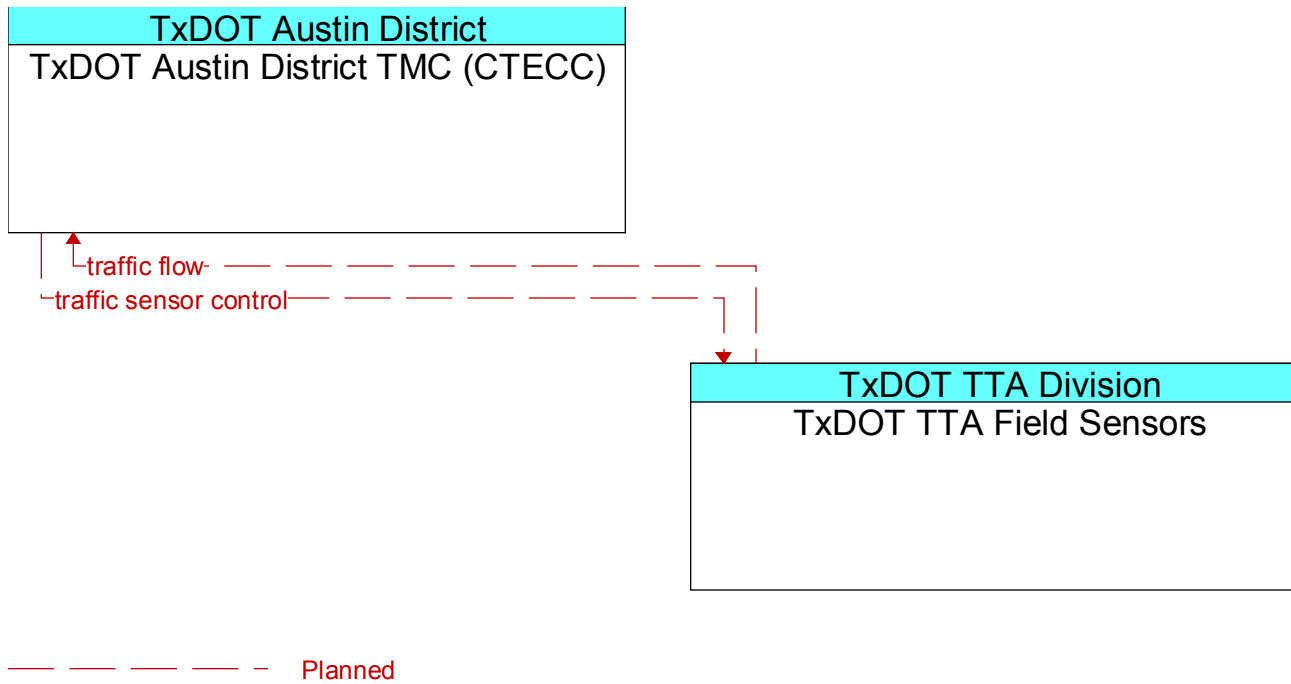
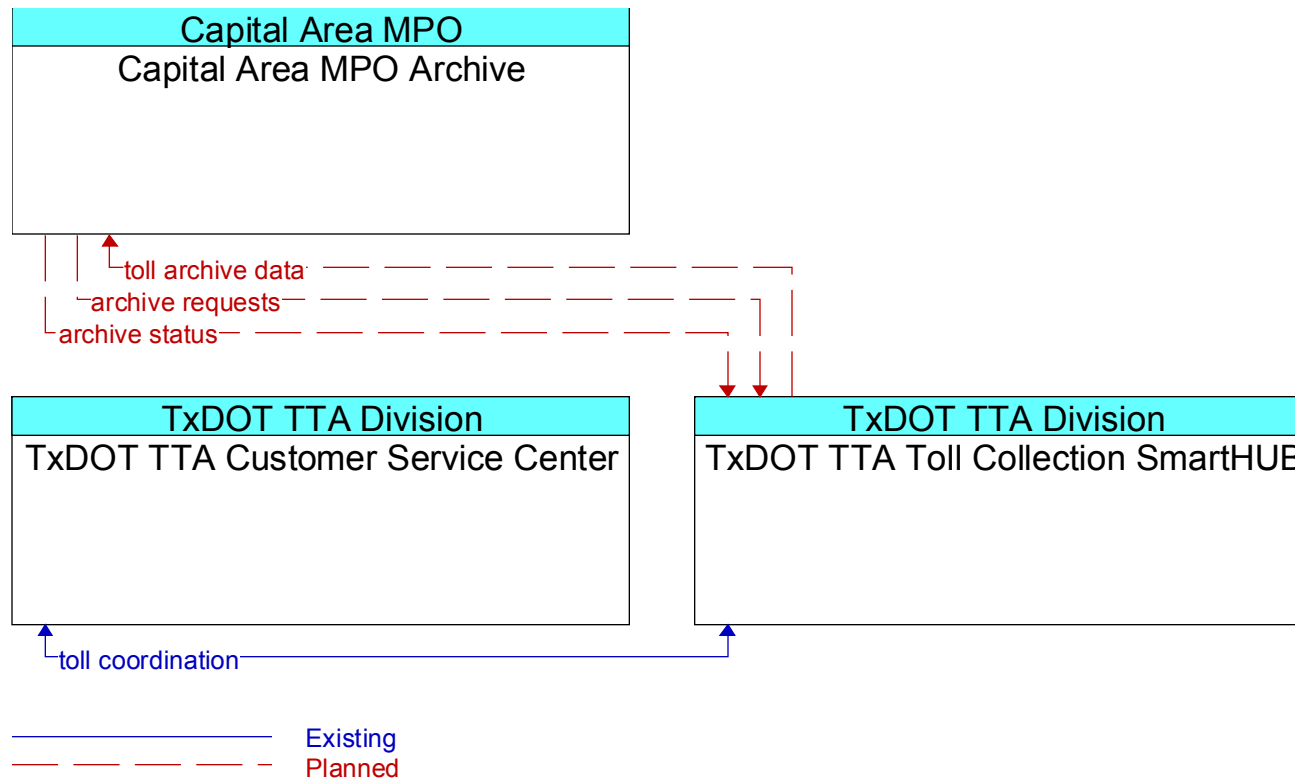


Figure D246 – TxDOT TTA Toll Collection SmarHUB Interfaces



**Figure D247 – TxDOT TTA Toll Collection Website Interfaces**

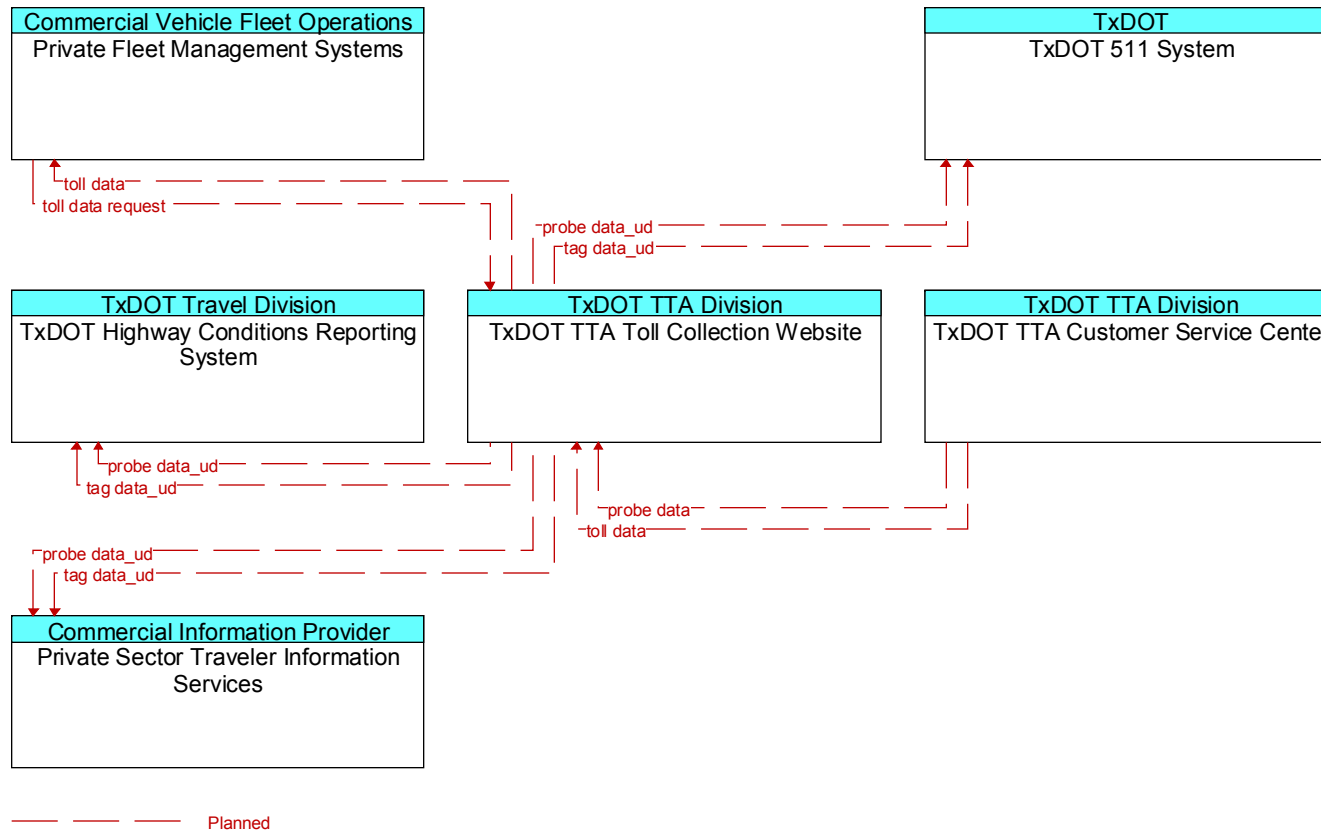


Figure D248 – TxDOT TTA Toll Plazas Interfaces

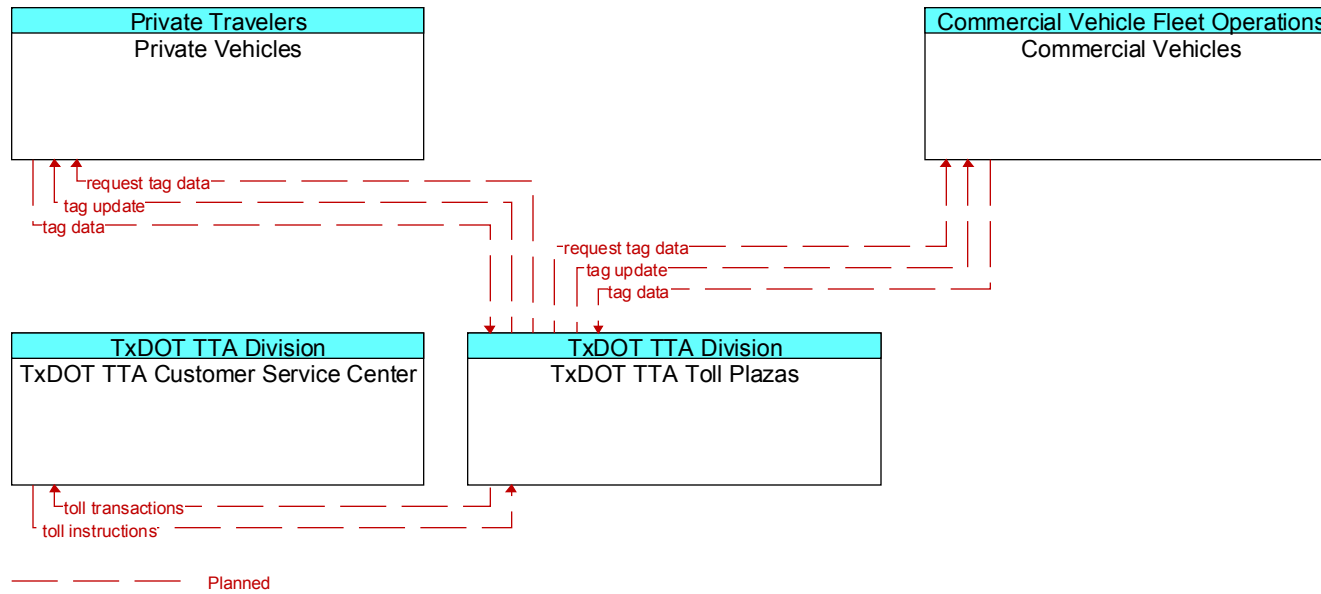


Figure D249 – USGS Flood Monitoring Center Interfaces

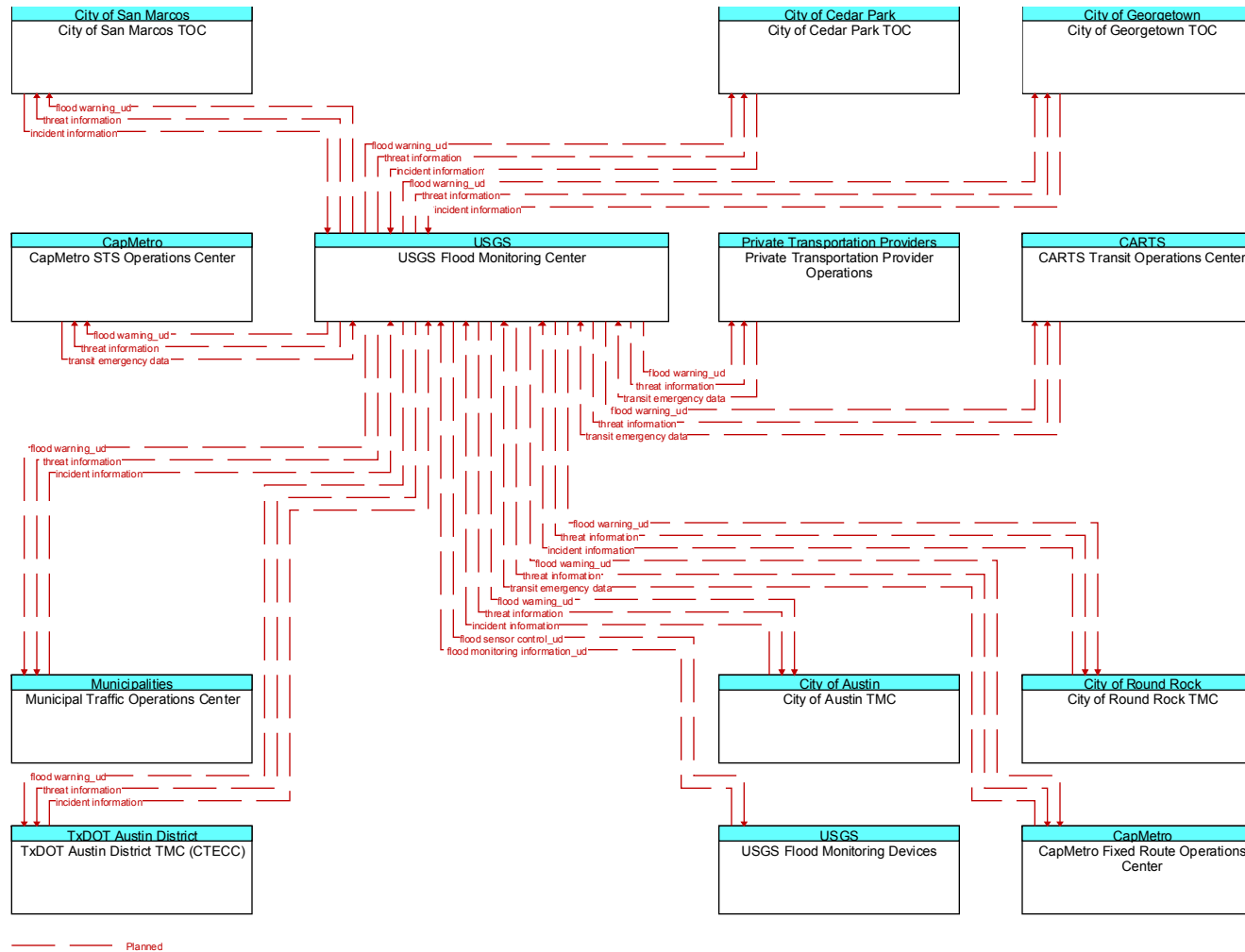




Figure D250 – USGS Flood Monitoring Devices Interfaces

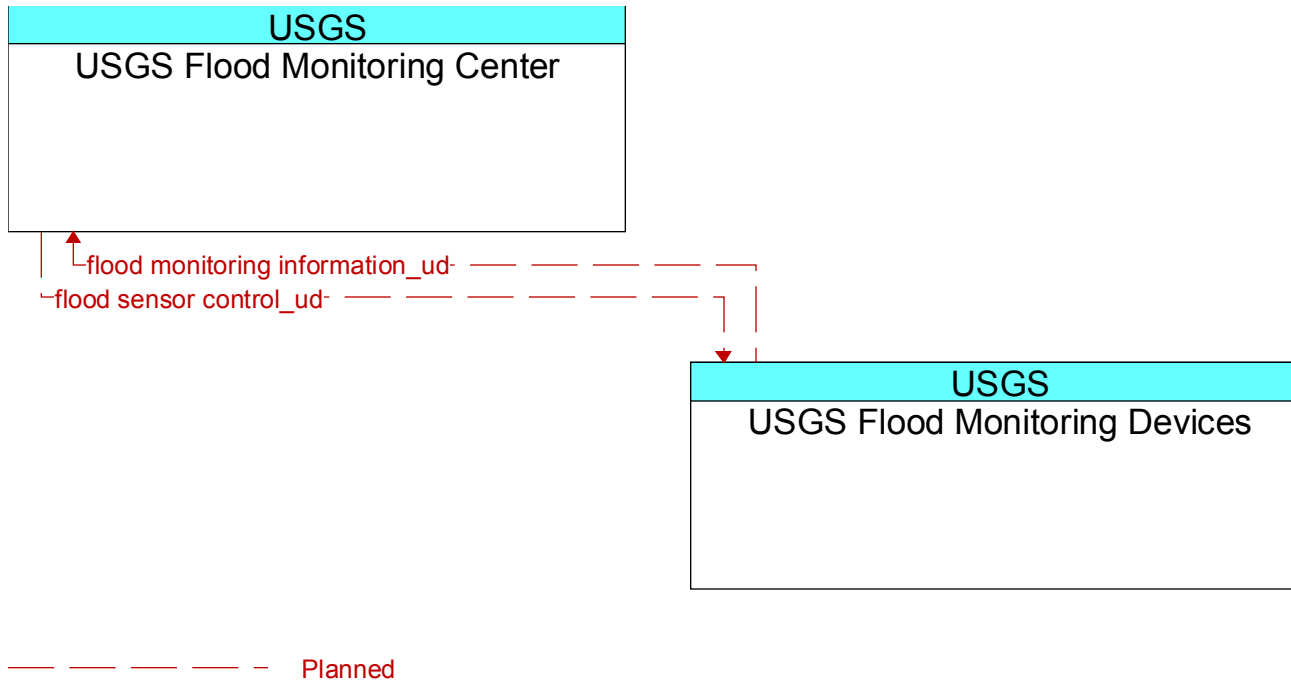


Figure D251 – UT Events Office Interfaces

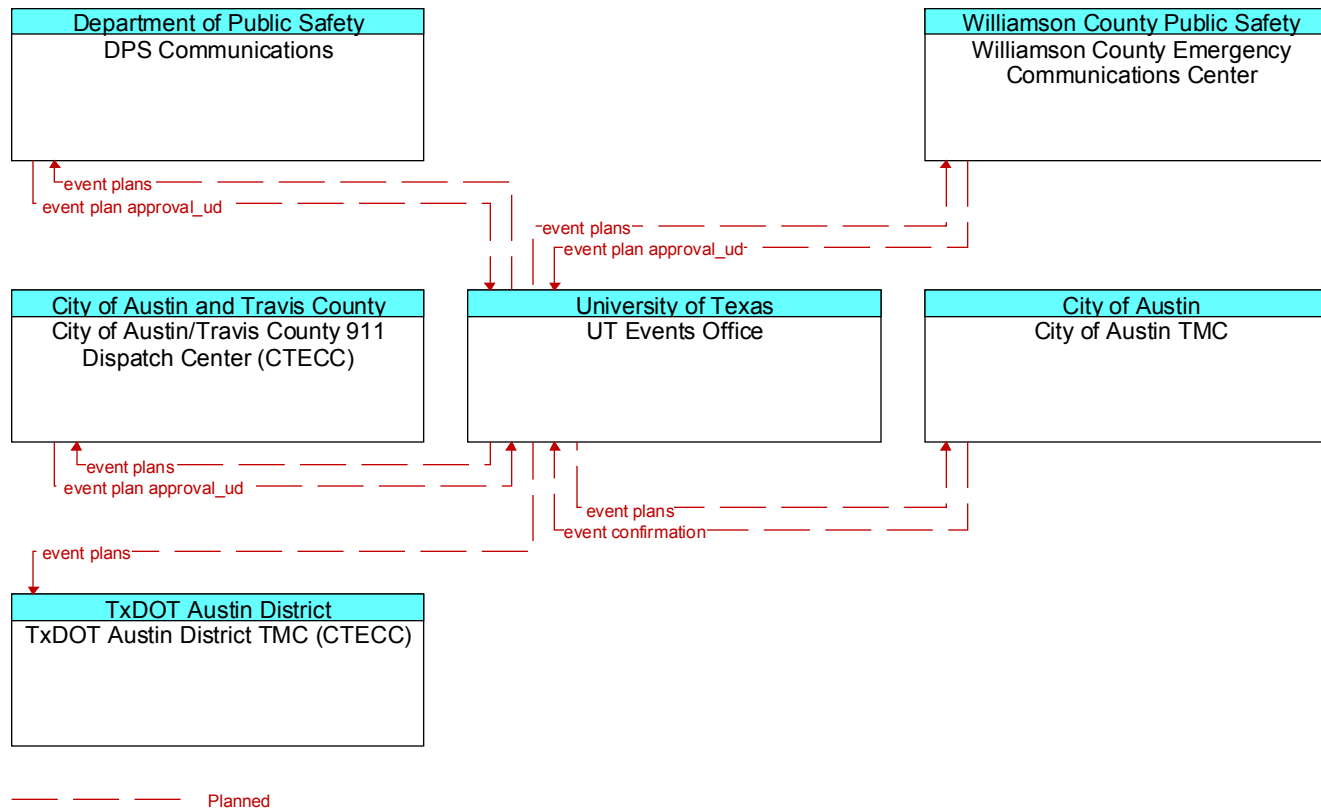


Figure D252 – UT Police Dispatch Interfaces

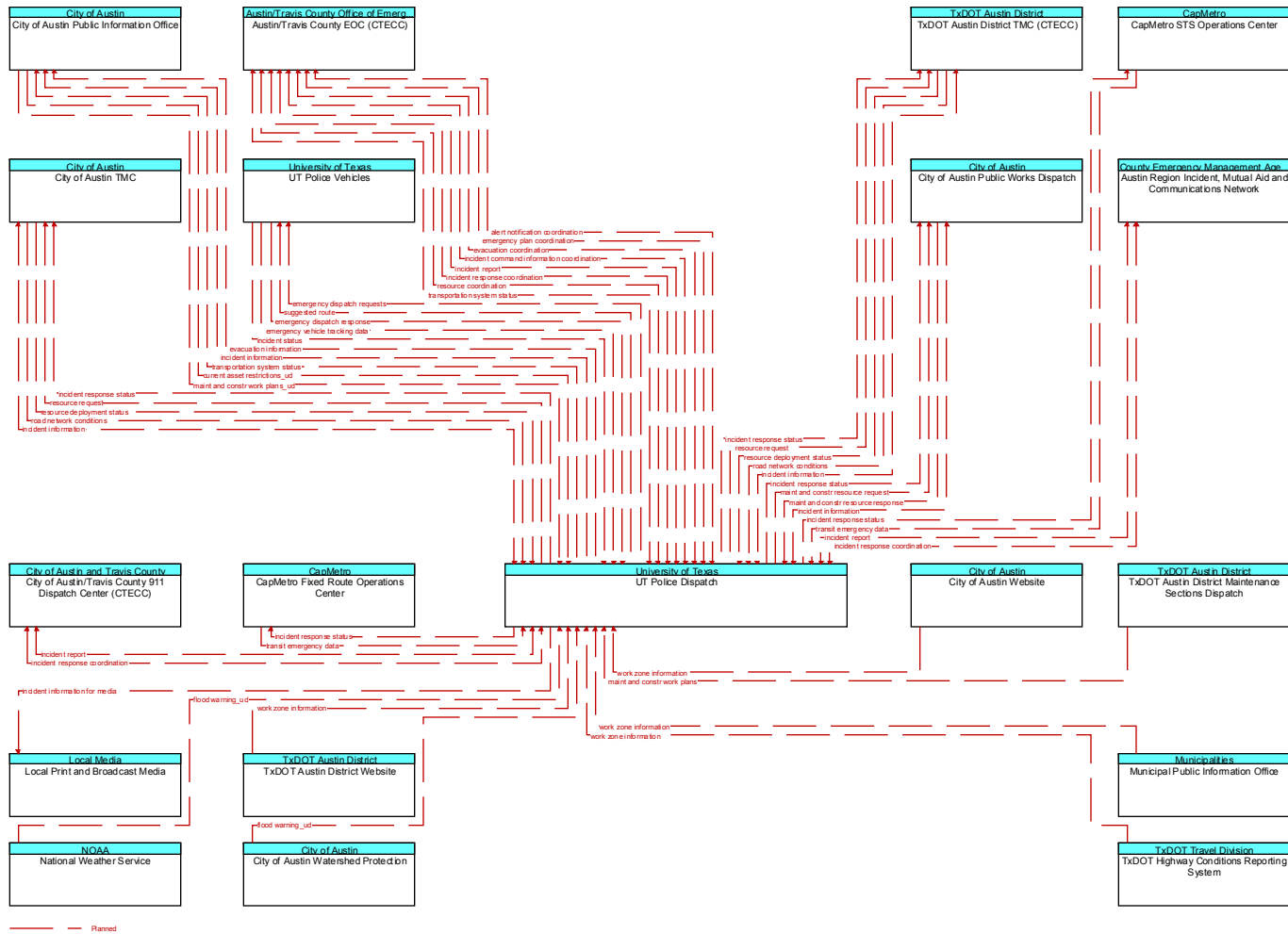
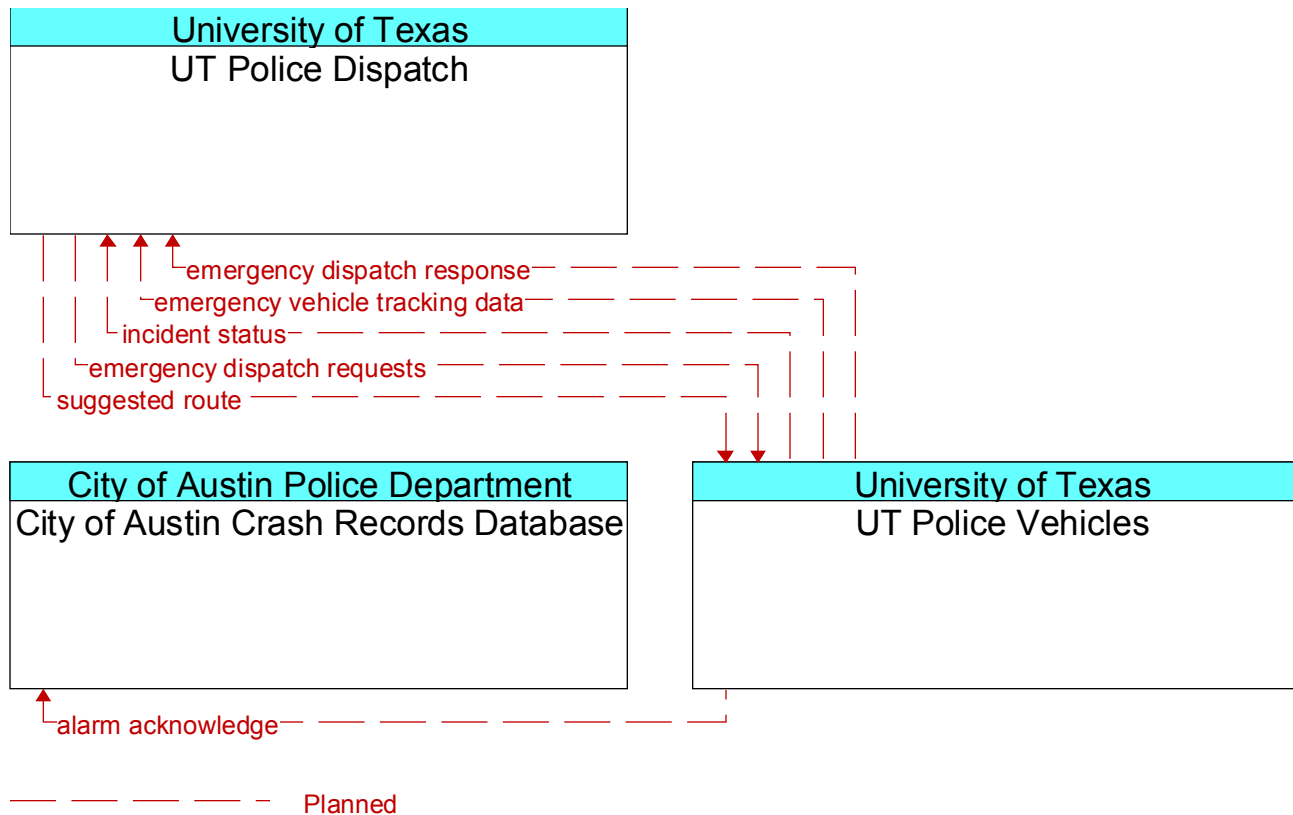
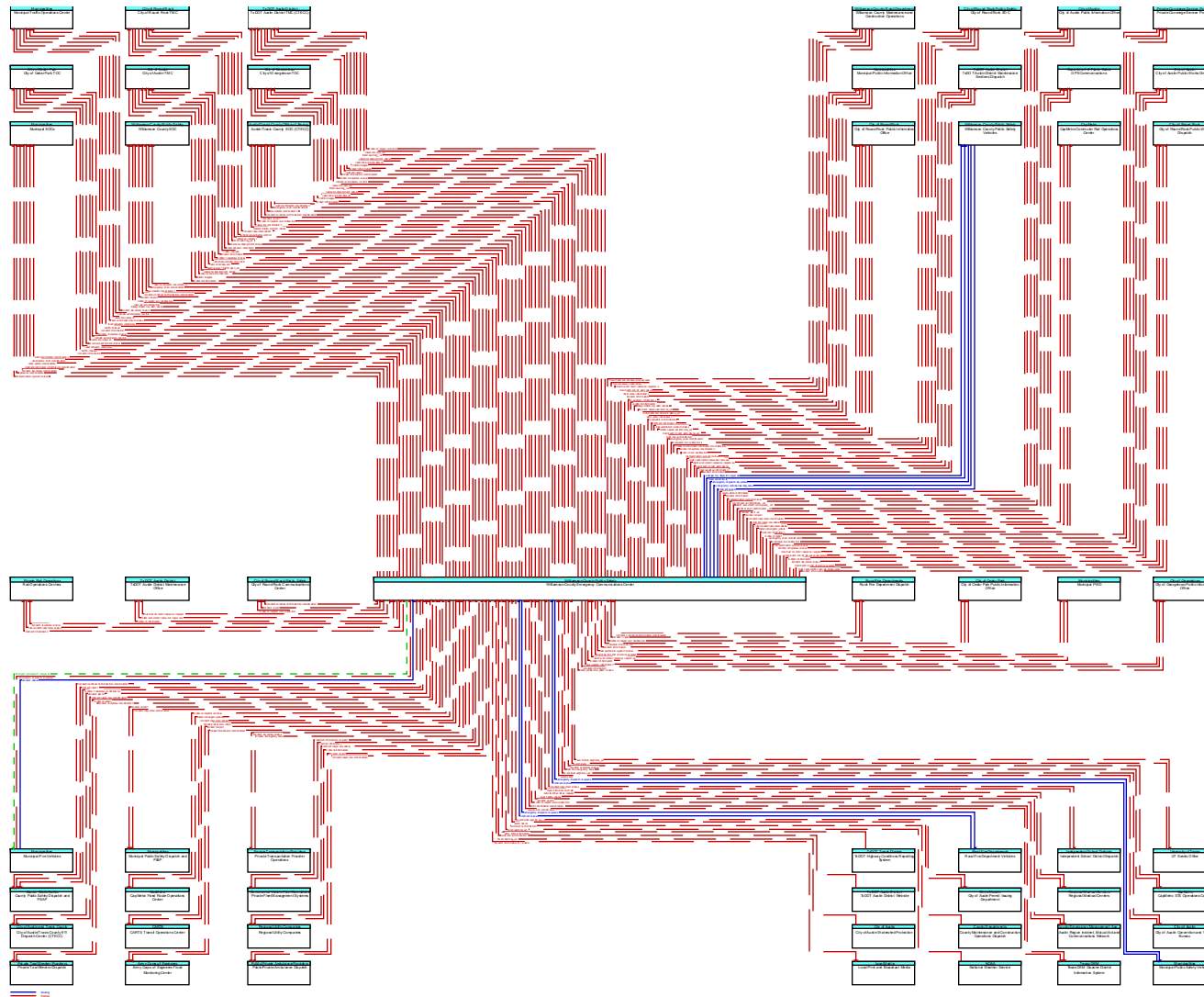


Figure D253 – UT Police Vehicles Interfaces



**Figure D254 – Williamson County Emergency Communications Center Interfaces**



Source Element	Destination Element	Flow	Status
Williamson County Emergency Communications Center	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	incident information	Planned
		incident response status	Planned
	CapMetro Fixed Route Operations Center	incident response status	Planned
	CapMetro STS Operations Center	incident response status	Planned
	CARTS Transit Operations Center	incident response status	Planned
	City of Austin Convention and Visitors Bureau	event plan approval_ud	Planned
	City of Austin Permit Issuing Department	event plan approval_ud	Planned
	City of Austin Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Austin Public Works Dispatch	incident information	Planned
incident response status		Planned	
maint and constr resource request		Planned	

Source Element	Destination Element	Flow	Status
Williamson County Emergency Communications Center (continued)	City of Austin TMC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
		special event traffic plan_ud	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	incident report	Planned
		incident response coordination	Planned
	City of Cedar Park Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Cedar Park TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	City of Georgetown Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Georgetown TOC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
resource request		Planned	
City of Round Rock Communications Center	incident command information coordination	Planned	
	incident report	Planned	
	incident response coordination	Planned	
City of Round Rock EOC	emergency plan coordination	Planned	
	evacuation coordination	Planned	
	incident command information coordination	Planned	
	incident response coordination	Planned	

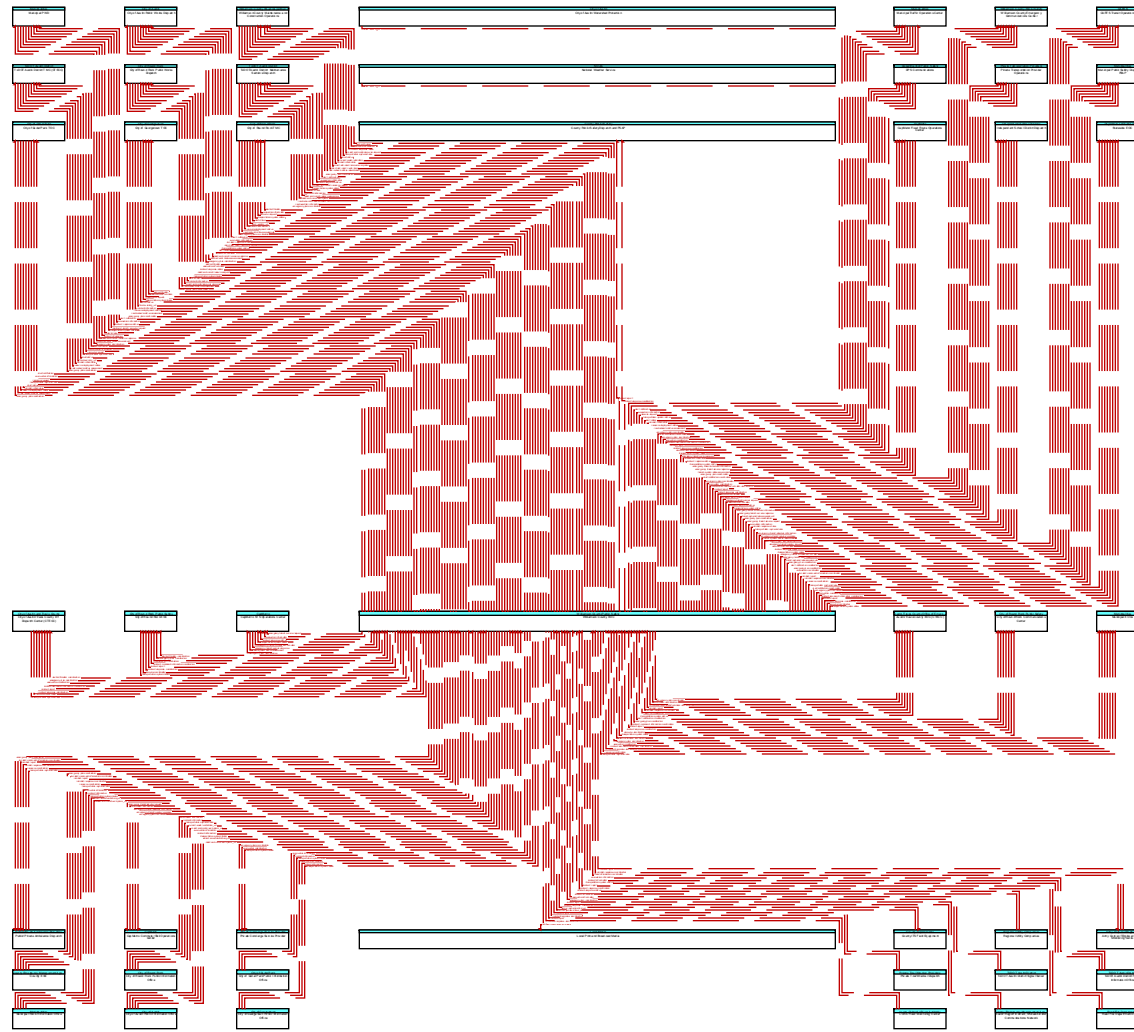
Source Element	Destination Element	Flow	Status
Williamson County Emergency Communications Center (continued)	City of Round Rock EOC (continued)	resource coordination	Planned
		transportation system status	Planned
	City of Round Rock Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Round Rock Public Works Dispatch	incident information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
	City of Round Rock TMC	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	County Public Safety Dispatch and PSAP	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	DPS Communications	amber alert confirmation_ud	Planned
		amber alert_ud	Planned
		incident report	Planned
		incident response coordination	Planned
	Independent School District Dispatch	incident response status	Planned
	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned



Source Element	Destination Element	Flow	Status
Williamson County Emergency Communications Center (continued)	Municipal Fire Vehicles	emergency dispatch requests	Existing/ Planned
	Municipal Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	Municipal Public Safety Dispatch and PSAP	incident report	Planned
		incident response coordination	Planned
	Municipal Public Safety Vehicles	emergency dispatch requests	Existing
	Municipal PWD	incident information	Planned
		maint and constr resource request	Planned
	Municipal Traffic Operations Center	incident information	Planned
		incident response status	Planned
		remote surveillance control	Planned
		resource request	Planned
	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Fleet Management Systems	hazmat information request	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	incident response status	Planned
	Public/Private Ambulance Dispatch	incident report	Planned
		incident response coordination	Planned
	Rail Operations Centers	incident information	Planned
incident response status		Planned	
Regional Medical Centers	care facility status request	Planned	
Regional Utility Companies	incident information	Planned	
	incident response status	Planned	

Source Element	Destination Element	Flow	Status
Williamson County Emergency Communications Center (continued)	Rural Fire Department Dispatch	incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
	Rural Fire Department Vehicles	emergency dispatch requests	Existing
	Texas DEM Disaster District Information System	alert notification coordination	Planned
		evacuation coordination	Planned
	TxDOT Austin District Maintenance Office	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District Maintenance Sections Dispatch	incident information	Planned
		maint and constr resource request	Planned
	TxDOT Austin District TMC (CTECC)	incident information	Planned
		incident report	Planned
		incident response status	Planned
		resource request	Planned
		threat information coordination	Planned
	UT Events Office	event plan approval_ud	Planned
	Williamson County EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
transportation system status		Planned	
Williamson County Maintenance and Construction Operations	incident information	Planned	
	maint and constr resource request	Planned	
Williamson County Public Safety Vehicles	emergency dispatch requests	Existing	
	suggested route	Existing	

Figure D255 – Williamson County EOC Interfaces



Source Element	Destination Element	Flow	Status
Williamson County EOC	Army Corps of Engineers Flood Monitoring Center	incident report	Planned
		incident response coordination	Planned
		threat information coordination	Planned
	Austin Region Incident, Mutual Aid and Communications Network	incident report	Planned
		incident response coordination	Planned
	Austin/Travis County EOC (CTECC)	emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	CapMetro Commuter Rail Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
	CapMetro Fixed Route Operations Center	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	CapMetro STS Operations Center	emergency plan coordination	Planned
emergency transit service request		Planned	
evacuation information		Planned	
incident response status		Planned	
transportation system status		Planned	
CARTS Transit Operations Center	emergency plan coordination	Planned	
	emergency transit service request	Planned	

Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	CARTS Transit Operations Center (continued)	evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	City of Austin Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Austin Public Works Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	City of Cedar Park Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
City of Cedar Park TOC	alert notification	Planned	
	emergency plan coordination	Planned	
	evacuation information	Planned	
	resource request	Planned	
	transportation system status	Planned	

Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	City of Georgetown Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	City of Georgetown TOC	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	City of Round Rock Communications Center	alert notification coordination	Planned
		emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	City of Round Rock EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	City of Round Rock Public Information Office	evacuation information	Planned
incident information		Planned	
transportation system status		Planned	
City of Round Rock Public Works Dispatch	alert notification	Planned	
	emergency plan coordination	Planned	

Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	City of Round Rock Public Works Dispatch (continued)	evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	City of Round Rock TMC	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	County EOC	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	County ITS Field Equipment	barrier system control_ud	Planned
	County Public Safety Dispatch and PSAP	incident report	Planned
		incident response coordination	Planned
	DPS Communications	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
incident response coordination		Planned	
resource coordination		Planned	
Independent School District Dispatch	transportation system status	Planned	
	emergency plan coordination	Planned	
	emergency transit service request	Planned	

Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	Independent School District Dispatch (continued)	evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	LCRA Flood Monitoring Center	incident report	Planned
		incident response coordination	Planned
	Local Print and Broadcast Media	incident information for media	Planned
	Municipal EOCs	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Municipal Public Information Office	transportation system status	Planned
		evacuation information	Planned
		incident information	Planned
	Municipal Public Safety Dispatch and PSAP	transportation system status	Planned
		alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Municipal PWD	transportation system status	Planned
		alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned

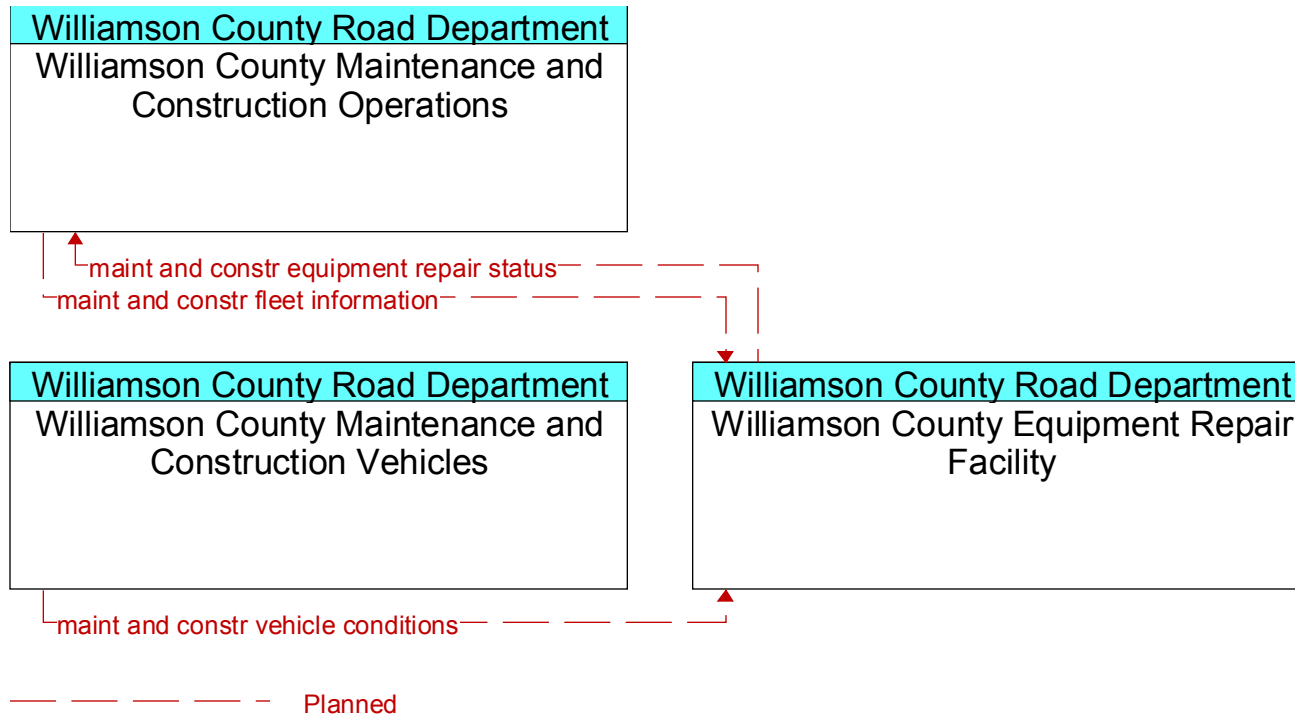


Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	Municipal PWD (continued)	maint and constr resource request	Planned
		transportation system status	Planned
	Municipal Traffic Operations Center	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	Private Concierge Service Provider	emergency plan coordination	Planned
		evacuation coordination	Planned
		transportation system status	Planned
	Private Tow/Wrecker Dispatch	incident report	Planned
		incident response coordination	Planned
	Private Transportation Provider Operations	emergency plan coordination	Planned
		emergency transit service request	Planned
		evacuation information	Planned
		incident response status	Planned
		transportation system status	Planned
	Public/Private Ambulance Dispatch	emergency plan coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
	Regional Utility Companies	transportation system status	Planned
		incident information	Planned
	Rural Fire Department Dispatch	incident response status	Planned
		incident report	Planned
			incident response coordination

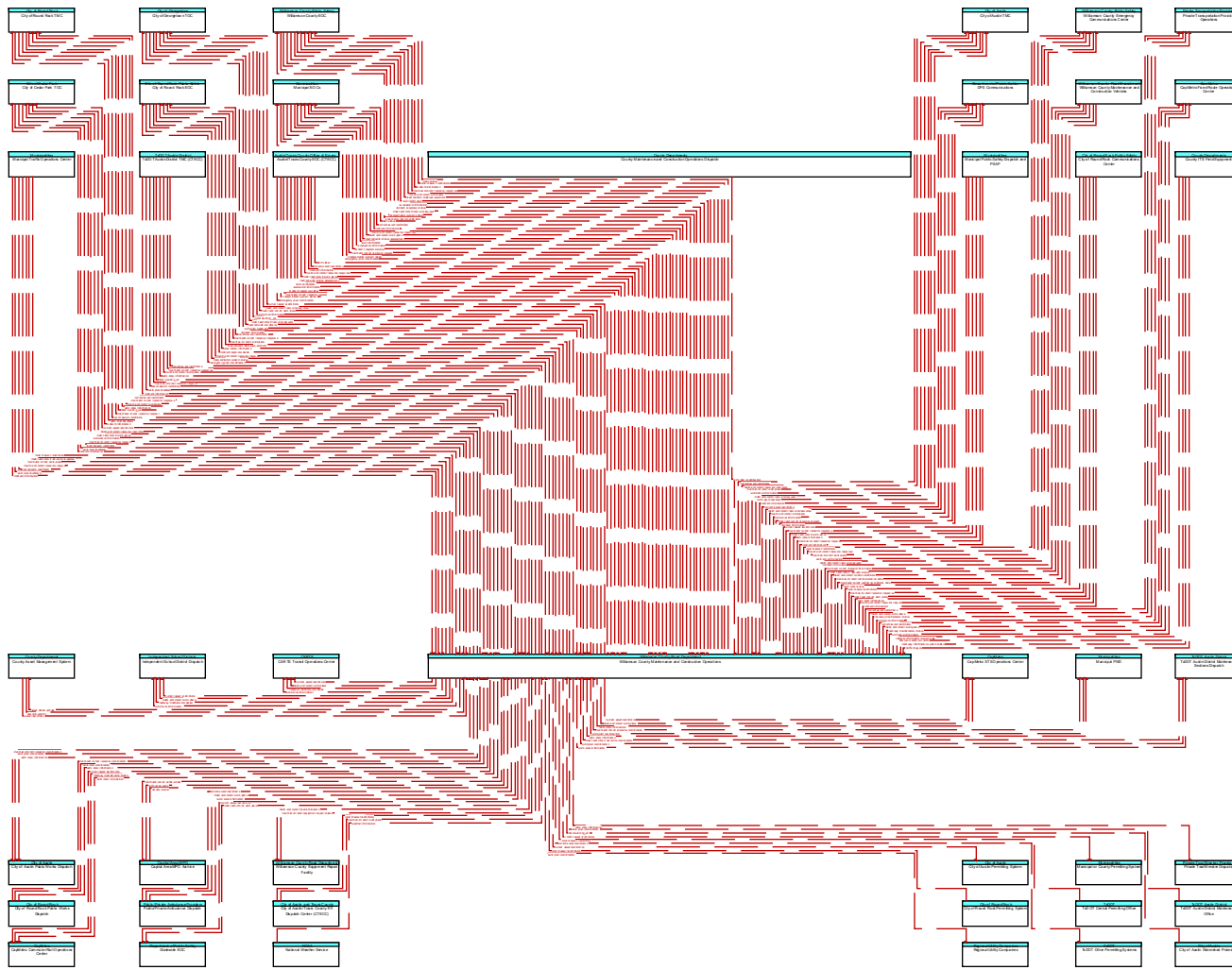
Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	Statewide EOC	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned
		incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	TxDOT Austin District Maintenance Sections Dispatch	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned
	TxDOT Austin District Public Information Office	evacuation information	Planned
		incident information	Planned
		transportation system status	Planned
	TxDOT Austin District Signal Server	emergency plan coordination	Planned
		evacuation information	Planned
	TxDOT Austin District TMC (CTECC)	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		resource request	Planned
		transportation system status	Planned
	Williamson County Emergency Communications Center	alert notification coordination	Planned
		emergency plan coordination	Planned
		evacuation coordination	Planned
		incident command information coordination	Planned

Source Element	Destination Element	Flow	Status
Williamson County EOC (continued)	Williamson County Emergency Communications Center (continued)	incident report	Planned
		incident response coordination	Planned
		resource coordination	Planned
		transportation system status	Planned
	Williamson County Maintenance and Construction Operations	alert notification	Planned
		emergency plan coordination	Planned
		evacuation information	Planned
		incident response status	Planned
		maint and constr resource request	Planned
		transportation system status	Planned

Figure D256 – Williamson County Equipment Repair Facility Interfaces



**Figure D257 – Williamson County Maintenance and Construction Operations Interfaces**



Source Element	Destination Element	Flow	Status
Williamson County Maintenance and Construction Operations	Austin/Travis County EOC (CTECC)	alert status	Planned
		current asset restrictions	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		road network status assessment	Planned
	Capital Area MPO Archive	maint and constr archive data	Planned
	CapMetro Commuter Rail Operations Center	current asset restrictions	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro Fixed Route Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	CapMetro STS Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	CARTS Transit Operations Center	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	City of Austin Permitting System	current asset restrictions	Planned
	City of Austin Public Works Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned

Source Element	Destination Element	Flow	Status
Williamson County Maintenance and Construction Operations (continued)	City of Austin TMC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Austin/Travis County 911 Dispatch Center (CTECC)	current asset restrictions	Planned
		maint and constr work plans	Planned
	City of Cedar Park TOC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Georgetown TOC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	City of Round Rock Communications Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
maint and constr work plans		Planned	
work zone information		Planned	
City of Round Rock EOC	current asset restrictions	Planned	
	emergency plan coordination	Planned	
	maint and constr resource response	Planned	
	maint and constr work plans	Planned	
	road network status assessment	Planned	
City of Round Rock Permitting System	current asset restrictions	Planned	

Source Element	Destination Element	Flow	Status
Williamson County Maintenance and Construction Operations (continued)	City of Round Rock Public Works Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	City of Round Rock TMC	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	County Asset Management System	asset status update	Planned
	County ITS Field Equipment	roadway information system data	Planned
		video surveillance control	Planned
	County Maintenance and Construction Operations Dispatch	work plan coordination	Planned
	DPS Communications	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Independent School District Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Municipal EOCs	alert status	Planned
		current asset restrictions	Planned
emergency plan coordination		Planned	
incident information		Planned	
maint and constr resource response		Planned	
maint and constr work plans		Planned	



Source Element	Destination Element	Flow	Status
Williamson County Maintenance and Construction Operations (continued)	Municipal EOCs (continued)	road network status assessment	Planned
	Municipal or County Permitting System	current asset restrictions	Planned
	Municipal Public Safety Dispatch and PSAP	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
	Municipal PWD	work zone information	Planned
		maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	Municipal Traffic Operations Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
	Private Tow/Wrecker Dispatch	work zone information	Planned
	Private Transportation Provider Operations	current asset restrictions	Planned
		maint and constr work plans	Planned
		roadway maintenance status	Planned
		work zone information	Planned
	Public/Private Ambulance Dispatch	current asset restrictions	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Regional Utility Companies	work plan coordination	Planned
Statewide EOC	current asset restrictions	Planned	
	maint and constr work plans	Planned	
TxDOT Austin District Maintenance Office	work plan coordination	Planned	

Source Element	Destination Element	Flow	Status
Williamson County Maintenance and Construction Operations (continued)	TxDOT Austin District Maintenance Sections Dispatch	maint and constr resource coordination	Planned
		work plan coordination	Planned
		work zone information	Planned
	TxDOT Austin District TMC (CTECC)	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	TxDOT Central Permitting Office	current asset restrictions	Planned
	TxDOT Other Permitting Systems	current asset restrictions	Planned
	Williamson County Emergency Communications Center	current asset restrictions	Planned
		incident information	Planned
		maint and constr resource response	Planned
		maint and constr work plans	Planned
		work zone information	Planned
	Williamson County EOC	alert status	Planned
		current asset restrictions	Planned
		emergency plan coordination	Planned
		incident information	Planned
		maint and constr resource response	Planned
maint and constr work plans		Planned	
Williamson County Equipment Repair Facility	road network status assessment	Planned	
	maint and constr fleet information	Planned	
Williamson County Maintenance and Construction Vehicles	maint and constr dispatch information	Planned	

Figure D258 – Williamson County Maintenance and Construction Vehicles Interfaces

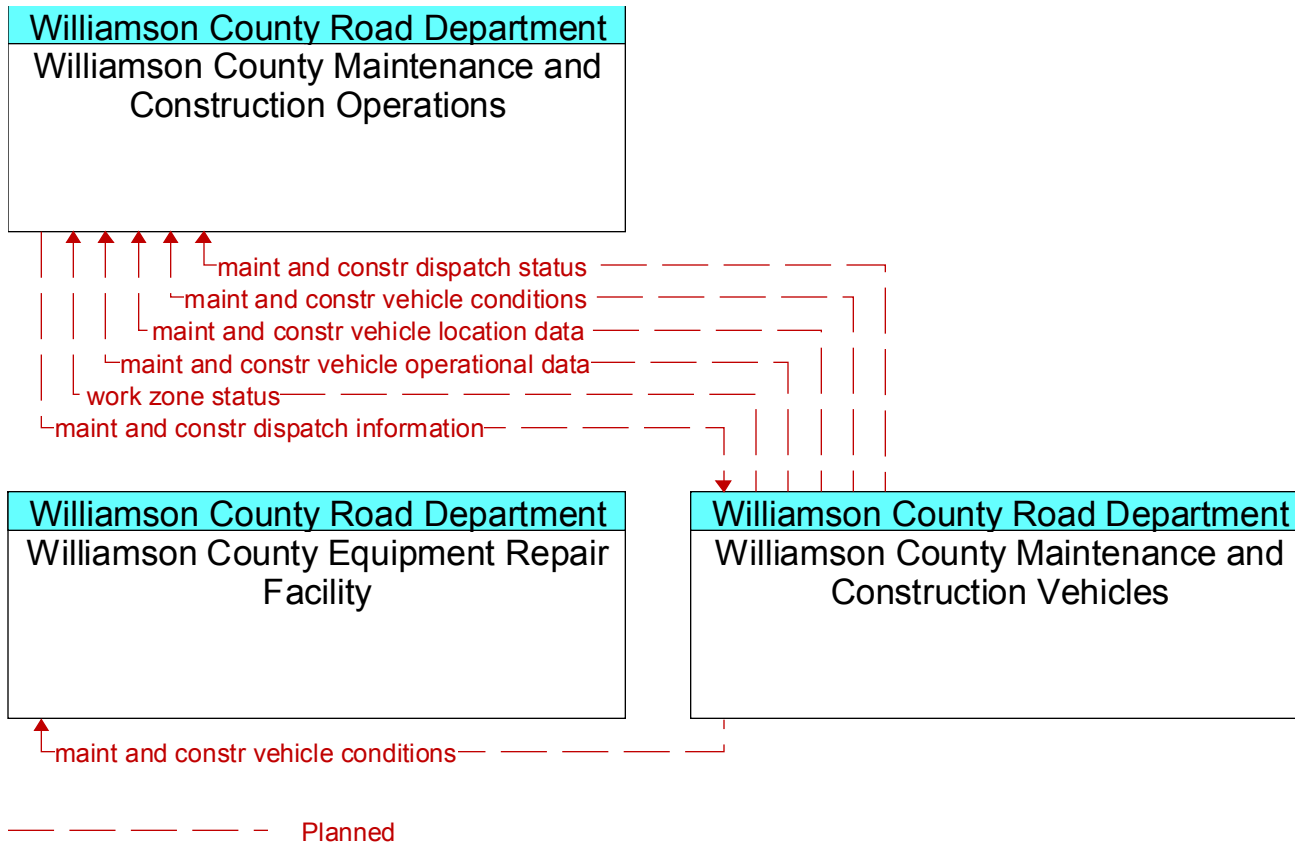


Figure D259 – Williamson County Public Safety Vehicles Interfaces

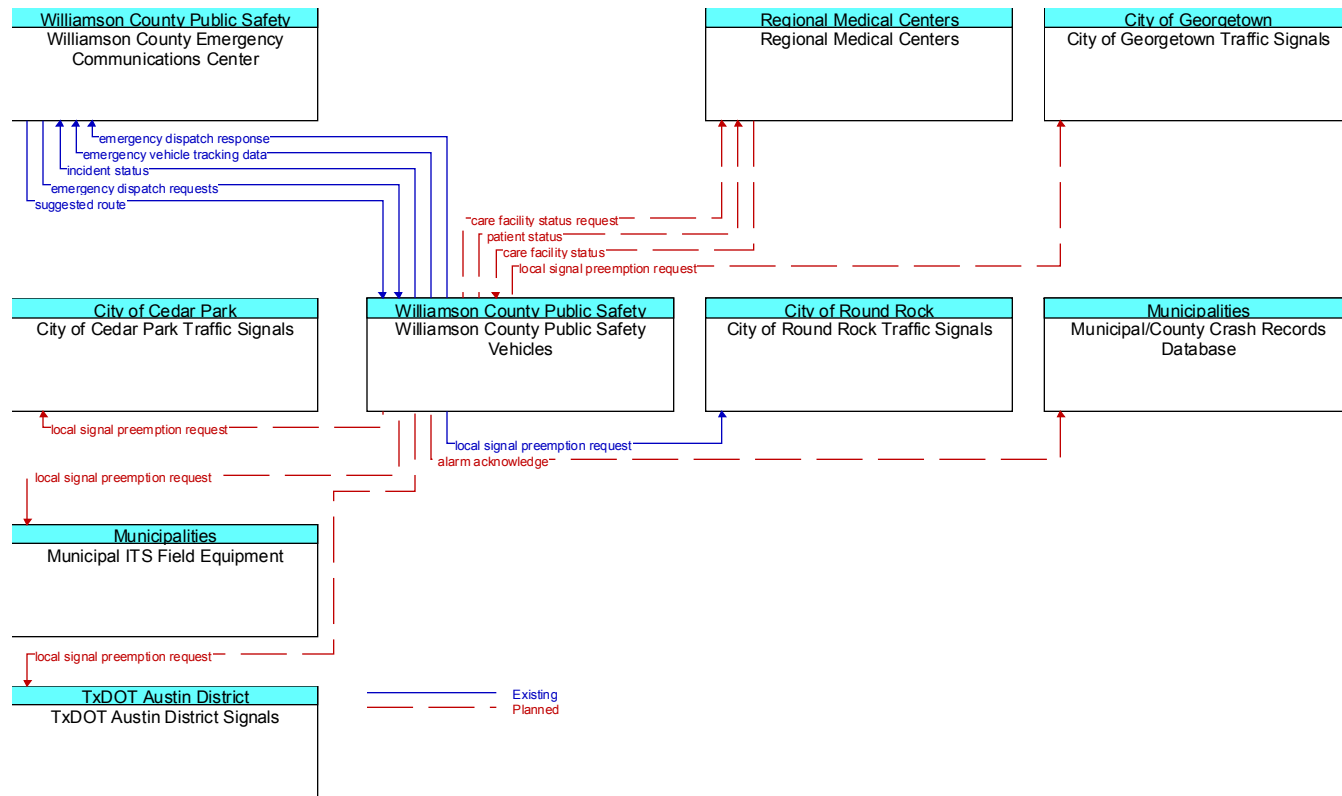
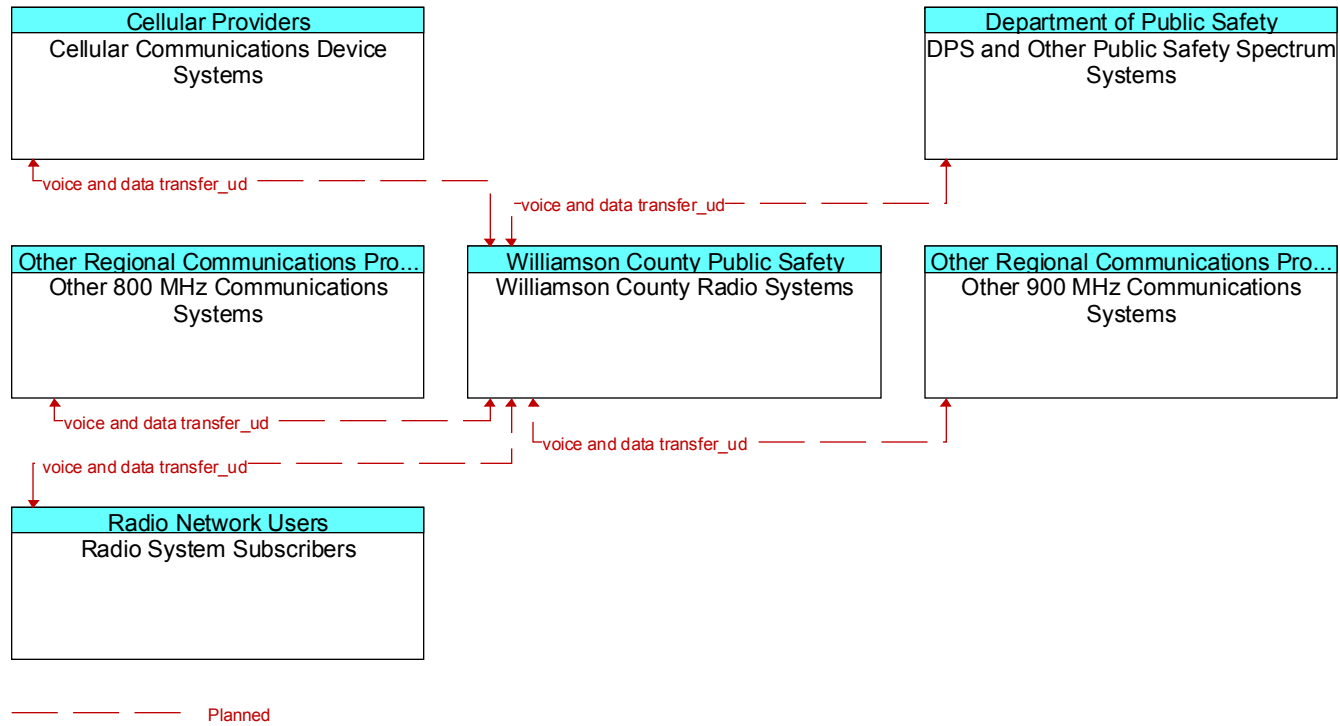


Figure D260 – Williamson County Radio Systems Interfaces



## **APPENDIX E – ELEMENT FUNCTIONS**

Element Name	Equipment Package Name
ABIA (Airport) Police Dispatch	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Response Management
ABIA (Airport) Police Vehicle	On-board EV Incident Management Communication
Army Corps of Engineers Flood Monitoring Center	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Secure Area Surveillance
Austin/Travis County EOC (CTECC)	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
Capital Area MPO Archive	Government Reporting Systems Support
	ITS Data Repository
	On-Line Analysis and Mining
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
CapMetro BRT Vehicles	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Signal Priority
	On-board Transit Trip Monitoring
CapMetro Commuter Rail	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
CapMetro Commuter Rail Operations Center	Transit Center Fare and Load Management
	Transit Center Fixed-Route Operations
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Security
	Transit Center Tracking and Dispatch
	Transit Data Collection
	Transit Environmental Monitoring

<b>Element Name</b>	<b>Equipment Package Name</b>
CapMetro Commuter Rail Operations Center (continued)	Transit Garage Maintenance
	Transit Garage Operations
CapMetro Fixed Route Operations Center	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Transit Center Fare and Load Management
	Transit Center Fixed-Route Operations
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Security
	Transit Center Tracking and Dispatch
	Transit Data Collection
	Transit Environmental Monitoring
	Transit Garage Maintenance
Transit Garage Operations	
CapMetro Fixed Route Vehicles	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
CapMetro Lessee Freight Cars	On-board Cargo Monitoring
	Vehicle Location Determination
	Vehicle Mayday I/F
CapMetro Parking Facility Equipment	Parking Data Collection
	Parking Electronic Payment
	Parking Management
CapMetro STS Operations Center	Transit Center Fare and Load Management
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Paratransit Operations
	Transit Center Security
	Transit Center Tracking and Dispatch
	Transit Data Collection
	Transit Environmental Monitoring
	Transit Garage Maintenance
	Transit Garage Operations



Element Name	Equipment Package Name
CapMetro STS Vehicles	On-board Maintenance
	On-board Paratransit Operations
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
CapMetro Transit Kiosks	Remote Transit Fare Management
	Remote Transit Information Services
CapMetro Transit Police	Emergency Response Management
	Emergency Secure Area Surveillance
CapMetro Wayside Equipment	Standard Rail Crossing
CapMetro Website	Infrastructure Provided Route Selection
CARTS Demand Response Vehicles	On-board Maintenance
	On-board Paratransit Operations
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
CARTS Fixed Route Vehicles	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
CARTS Parking Facility Equipment	Parking Data Collection
	Parking Electronic Payment
	Parking Management
CARTS Transit Kiosks	Remote Transit Fare Management
	Remote Transit Information Services
CARTS Transit Operations Center	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Transit Center Fare and Load Management
	Transit Center Fixed-Route Operations
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Paratransit Operations
	Transit Center Security
Transit Center Tracking and Dispatch	

Element Name	Equipment Package Name
CARTS Transit Operations Center (continued)	Transit Data Collection
	Transit Environmental Monitoring
	Transit Garage Maintenance
	Transit Garage Operations
CARTS Transit Police	Emergency Response Management
	Emergency Secure Area Surveillance
CARTS Website	Infrastructure Provided Route Selection
City of Austin Air Quality Division	Emissions Data Management
City of Austin CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
City of Austin Construction and Maintenance Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle Safety Monitoring
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
City of Austin Crash Records Database	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
City of Austin DMS	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
City of Austin Emissions Monitoring Field Equipment	Roadway Emissions Monitoring
	Roadway Equipment Coordination
City of Austin EMS Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
City of Austin Fire Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
City of Austin Flood Closure Gates	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
City of Austin ITS Field Equipment	Roadside Data Collection
	Roadway Basic Surveillance
	Roadway Equipment Coordination

<b>Element Name</b>	<b>Equipment Package Name</b>
City of Austin ITS Field Equipment (continued)	Roadway Reversible Lanes
	Roadway Signal Controls
	Roadway Speed Monitoring
	Roadway Work Zone Safety
City of Austin Pavement Management System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
City of Austin Permitting System	Credentials and Taxes Administration
	CV Information Exchange
City of Austin Police Vehicles	On-board EV Incident Management Communication
City of Austin Public Works Dispatch	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
MCM Work Zone Safety Management	
City of Austin School Programmable Flasher System	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Austin TMC	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC HOV Lane Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
TMC Multimodal Coordination	

Element Name	Equipment Package Name
City of Austin TMC (continued)	TMC Regional Traffic Control
	TMC Reversible Lane Management
	TMC Signal Control
	TMC Speed Monitoring
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
City of Austin Traffic Database	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
City of Austin Traffic Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
City of Austin/Travis County 911 Dispatch Center (CTECC)	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
City of Cedar Park CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Cedar Park DMS	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
City of Cedar Park ITS Field Equipment	Roadway Basic Surveillance
	Roadway Equipment Coordination
City of Cedar Park School Programmable Flasher Systems	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Cedar Park TOC	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management

<b>Element Name</b>	<b>Equipment Package Name</b>
City of Cedar Park TOC (continued)	Emergency Secure Area Surveillance
	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Regional Traffic Control
	TMC Signal Control
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
City of Cedar Park Traffic Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
City of Georgetown CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Georgetown DMS	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
City of Georgetown Flood Closure Gates	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
City of Georgetown ITS Field Equipment	Roadway Basic Surveillance
	Roadway Equipment Coordination
City of Georgetown School Programmable Flasher Systems	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Georgetown TOC	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance

<b>Element Name</b>	<b>Equipment Package Name</b>
City of Georgetown TOC (continued)	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Regional Traffic Control
	TMC Signal Control
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
City of Georgetown Traffic Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
City of Round Rock CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
City of Round Rock Communications Center	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
City of Round Rock Crash Records Database	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
City of Round Rock DMS	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
City of Round Rock EOC	Emergency Response Management
	Mayday Support
City of Round Rock Fire Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication

Element Name	Equipment Package Name
City of Round Rock ITS Field Equipment	Roadside Data Collection
	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Work Zone Safety
	Roadway Work Zone Traffic Control
City of Round Rock Pavement Management System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
City of Round Rock Permitting System	Credentials and Taxes Administration
	CV Information Exchange
City of Round Rock Police Vehicles	On-board EV Incident Management Communication
City of Round Rock Public Works Dispatch	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
	MCM Work Zone Safety Management
City of Round Rock Public Works Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle Safety Monitoring
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
City of Round Rock School Programmable Flasher Systems	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of Round Rock TMC	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance

Element Name	Equipment Package Name
City of Round Rock TMC (continued)	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC HOV Lane Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Regional Traffic Control
	TMC Signal Control
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
City of Round Rock Traffic Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
City of San Marcos CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of San Marcos DMS	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
City of San Marcos School Programmable Flasher Systems	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
City of San Marcos TOC	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication



<b>Element Name</b>	<b>Equipment Package Name</b>
City of San Marcos TOC (continued)	TMC Regional Traffic Control
	TMC Signal Control
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
City of San Marcos Traffic Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
Commercial Vehicles	On-board Cargo Monitoring
	Vehicle Location Determination
	Vehicle Mayday I/F
	Vehicle Probe Support
	Vehicle Toll/Parking Interface
County Construction and Maintenance Operations Dispatch	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
County Construction and Maintenance Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
County EOC	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
County ITS Field Equipment	Roadway Work Zone Traffic Control
County Public Safety Dispatch and PSAP	Emergency Call-Taking
	Emergency Dispatch

Element Name	Equipment Package Name
County Public Safety Dispatch and PSAP (continued)	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
County Public Safety Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
County Sheriff Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
CTRMA DMS	Roadway Equipment Coordination
	Roadway Probe Beacons
	Roadway Traffic Information Dissemination
CTRMA Operations Center	TMC Freeway Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Probe Information Collection
	TMC Regional Traffic Control
	TMC Signal Control
	TMC Speed Monitoring
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Toll Administration
	Toll Data Collection
	Traffic Data Collection
CTRMA Toll Collection SmarHUB	Toll Administration
CTRMA Toll Collection Website	ISP Probe Information Collection
CTRMA Toll Plazas	Roadway Equipment Coordination
	Roadway Probe Beacons
	Roadway Speed Monitoring
	Toll Plaza Toll Collection
CTRMA Toll Reconciliation Office	Toll Administration
DPS Communications	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
DPS Emergency Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication

<b>Element Name</b>	<b>Equipment Package Name</b>
Independent School District Buses	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Security
	On-board Transit Trip Monitoring
Independent School District Dispatch	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Transit Center Fixed-Route Operations
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Security
	Transit Center Tracking and Dispatch
	Transit Data Collection
	Transit Environmental Monitoring
	Transit Garage Maintenance
Transit Garage Operations	
Independent School District Police	Emergency Response Management
	Emergency Secure Area Surveillance
Intercity Buses	On-board Transit Trip Monitoring
LCRA Flood Monitoring Center	Emergency Environmental Monitoring
	Emergency Secure Area Surveillance
LCRA Flood Monitoring Field Equipment	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Secure Area Surveillance
Local Transit Demand Response Vehicles	On-board Maintenance
	On-board Paratransit Operations
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring
Local Transit Fixed Route Vehicles	On-board Fixed Route Schedule Management
	On-board Maintenance
	On-board Transit Fare and Load Management
	On-board Transit Security
	On-board Transit Trip Monitoring

<b>Element Name</b>	<b>Equipment Package Name</b>
Local Transit Operations	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Transit Center Fare and Load Management
	Transit Center Fixed-Route Operations
	Transit Center Information Services
	Transit Center Multi-Modal Coordination
	Transit Center Paratransit Operations
	Transit Center Security
	Transit Center Tracking and Dispatch
	Transit Data Collection
	Transit Environmental Monitoring
Transit Garage Maintenance	
Transit Garage Operations	
Local Transit Operations Website	Infrastructure Provided Route Selection
Local Transit Provider Kiosks	Remote Interactive Information Reception
	Remote Transit Fare Management
	Remote Transit Information Services
Municipal EOCs	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
Municipal ITS Field Equipment	Roadside Data Collection
	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
	Standard Rail Crossing
Municipal or County Permitting System	Credentials and Taxes Administration
	CV Information Exchange
Municipal Pavement Management System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival

Element Name	Equipment Package Name
Municipal Public Safety Dispatch and PSAP	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Mayday Support
Municipal Public Safety Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
Municipal PWD	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
Municipal PWD Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
Municipal School Pager System	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
Municipal Traffic Database	ITS Data Repository
	Virtual Data Warehouse Services
Municipal Traffic Operations Center	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	HRI Traffic Management
	Rail Operations Coordination
	Service Patrol Management
	TMC Freeway Management
	TMC HOV Lane Management

<b>Element Name</b>	<b>Equipment Package Name</b>
Municipal Traffic Operations Center (continued)	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Regional Traffic Control
	TMC Signal Control
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
Municipal/County Crash Records Database	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
Other TxDOT Permitting Systems	Credentials and Taxes Administration
	CV Information Exchange
Private Concierge Service Provider	Emergency Secure Area Surveillance
	Mayday Support
Private Fleet Management Systems	Fleet Administration
	Fleet Credentials and Taxes Management and Reporting
	Fleet HAZMAT Management
Private Sector Traveler Information Services	Infrastructure Provided Route Selection
Private Tow/Wrecker Dispatch	Emergency Call-Taking
	Emergency Dispatch
	Emergency Response Management
Private Tow/Wrecker Vehicles	On-board EV Incident Management Communication
Private Transportation Providers Dispatch	Transit Center Security
	Transit Data Collection
Private Travelers Personal Computing Devices	Personal Basic Information Reception
	Personal Interactive Information Reception
	Personal Location Determination
	Personal Mayday I/F
Private Vehicles	Vehicle Location Determination
	Vehicle Mayday I/F
	Vehicle Probe Support
	Vehicle Toll/Parking Interface
Public/Private Ambulance Dispatch	Emergency Call-Taking
	Emergency Dispatch
	Emergency Response Management
Public/Private Ambulance Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication

Element Name	Equipment Package Name
Rail Operators Rail Cars	On-board Cargo Monitoring
Regional Utility Companies	MCM Incident Management
	MCM Work Activity Coordination
State Office of Emergency Management	Emergency Secure Area Surveillance
	Mayday Support
Statewide Crash Records Information System	Government Reporting Systems Support
Statewide Crash Records Information System (continued)	ITS Data Repository
	Traffic and Roadside Data Archival
Statewide EOC	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
Statewide Toll Collection SmarHUB	Toll Administration
TCEQ Field Emissions Monitors	Roadway Emissions Monitoring
	Roadway Equipment Coordination
TCEQ Monitoring Operations Section	Emissions Data Management
TCEQ State Headquarters	Emissions Data Management
Texas DEM Disaster District Information System	Mayday Support
Travis County Construction and Maintenance Operations Dispatch	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
Travis County Construction and Maintenance Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
Travis County Public Safety Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
TTA Toll Collection SmarHUB	Toll Administration
	Toll Data Collection
TxDOT – TTA Customer Service Center	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Probe Information Collection
	Toll Administration

<b>Element Name</b>	<b>Equipment Package Name</b>
TxDOT – TTA Customer Service Center (continued)	Toll Data Collection
	Traffic Data Collection
TxDOT – TTA Toll Collection Website	Infrastructure Provided Route Selection
	ISP Probe Information Collection
TxDOT – TTA Toll Plazas	Toll Plaza Toll Collection
TxDOT 511 System	Basic Information Broadcast
	Infrastructure Provided Route Selection
	Interactive Infrastructure Information
TxDOT Austin District Area Engineers Office	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Work Zone Management
TxDOT Austin District CCTV	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Freeway Control
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
TxDOT Austin District Construction and Maintenance Vehicles	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle Safety Monitoring
	MCV Vehicle System Monitoring and Diagnostics
	MCV Work Zone Support
TxDOT Austin District DMS	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Freeway Control
	Roadway HOV Control
	Roadway Probe Beacons
	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
TxDOT Austin District Field Sensors	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Freeway Control
	Roadway HOV Control
	Roadway Probe Beacons
	Roadway Signal Controls
	Roadway Traffic Information Dissemination
TxDOT Austin District Flood Detectors	Roadway Basic Surveillance
	Roadway Equipment Coordination



<b>Element Name</b>	<b>Equipment Package Name</b>
TxDOT Austin District Flood Detectors (continued)	Roadway Traffic Information Dissemination
	Roadway Work Zone Traffic Control
TxDOT Austin District HAR	Roadway Equipment Coordination
	Roadway Traffic Information Dissemination
TxDOT Austin District HERO Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
TxDOT Austin District Historical Traffic Database	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
TxDOT Austin District ITS Field Equipment	Roadway Equipment Coordination
	Roadway Speed Monitoring
TxDOT Austin District Lane Control Signals	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Freeway Control
	Roadway HOV Control
	Roadway Reversible Lanes
	Roadway Traffic Information Dissemination
TxDOT Austin District Maintenance Sections Dispatch	MCM Data Collection
	MCM Environmental Information Collection
	MCM Environmental Information Processing
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
	MCM Work Zone Management
	MCM Work Zone Safety Management
TxDOT Austin District Office – Maintenance	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Work Activity Coordination
	MCM Work Zone Management
TxDOT Austin District Pavement Management System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
TxDOT Austin District Public Information Office	Basic Information Broadcast

<b>Element Name</b>	<b>Equipment Package Name</b>
TxDOT Austin District Public Transportation Management System (PTMS)	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
TxDOT Austin District Roadway Data Collection System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
	Virtual Data Warehouse Services
TxDOT Austin District RWIS	Roadway Environmental Monitoring
	Roadway Probe Beacons
TxDOT Austin District Signal Server	Collect Traffic Surveillance
	HRI Traffic Management
	TMC Incident Dispatch Coordination/Communication
	TMC Signal Control
	Traffic Data Collection
	Traffic Maintenance
TxDOT Austin District Signals	Roadside Signal Priority
	Roadway Basic Surveillance
	Roadway Equipment Coordination
	Roadway Signal Controls
	Standard Rail Crossing
TxDOT Austin District TMC (CTECC)	Collect Traffic Surveillance
	Emergency Call-Taking
	Emergency Data Collection
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
	Rail Operations Coordination
	Service Patrol Management
	TMC Environmental Monitoring
	TMC Freeway Management
	TMC HOV Lane Management
	TMC Incident Detection
	TMC Incident Dispatch Coordination/Communication
	TMC Probe Information Collection
	TMC Regional Traffic Control
TMC Reversible Lane Management	
TMC Signal Control	

Element Name	Equipment Package Name
TxDOT Austin District TMC (CTECC) (continued)	TMC Speed Monitoring
	TMC Traffic Information Dissemination
	TMC Work Zone Traffic Management
	Traffic Data Collection
	Traffic Maintenance
TxDOT Austin District Website	ISP Probe Information Collection
TxDOT Austin District Work Zone Equipment	Roadway Equipment Coordination
	Roadway Work Zone Safety
TxDOT Central Permitting Office	Credentials and Taxes Administration
	CV Information Exchange
TxDOT Crash Records Database	ITS Data Repository
	Virtual Data Warehouse Services
TxDOT Highway Conditions Reporting System	Basic Information Broadcast
	Infrastructure Provided Route Selection
	Interactive Infrastructure Information
TxDOT Motor Carrier Routing Information	Infrastructure Provided Route Selection
TxDOT Rest Areas/Visitor Centers/Truck Stops/Service Plaza Kiosks	Remote Basic Information Reception
	Remote Interactive Information Reception
	Remote Transit Information Services
TxDOT Statewide Pavement Management System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
TxDOT Statewide Roadway Data Collection System	Government Reporting Systems Support
	ITS Data Repository
	Traffic and Roadside Data Archival
USGS Flood Monitoring Center	Emergency Environmental Monitoring
	Emergency Secure Area Surveillance
UT Police Dispatch	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
UT Police Vehicles	On-board EV En Route Support
	On-board EV Incident Management Communication
Volunteer Fire Department Vehicles	On-board EV Incident Management Communication
Volunteer Fire Departments Dispatch	Emergency Call-Taking
	Emergency Dispatch
	Emergency Response Management

<b>Element Name</b>	<b>Equipment Package Name</b>
Williamson County Construction and Maintenance Operations	MCM Data Collection
	MCM Incident Management
	MCM Maintenance Decision Support
	MCM Roadway Maintenance and Construction
	MCM Vehicle and Equipment Maintenance Management
	MCM Vehicle Tracking
	MCM Work Activity Coordination
Williamson County Construction and Maintenance Vehicles	MCM Work Zone Management
	MCV Infrastructure Monitoring
	MCV Roadway Maintenance and Construction
	MCV Vehicle Location Tracking
	MCV Vehicle System Monitoring and Diagnostics
Williamson County EOC	MCV Work Zone Support
	Emergency Call-Taking
	Emergency Dispatch
	Emergency Environmental Monitoring
	Emergency Response Management
	Emergency Secure Area Surveillance
Williamson County Public Safety Vehicles	Mayday Support
	On-board EV En Route Support
	On-board EV Incident Management Communication

## **APPENDIX F – ARCHITECTURE MAINTENANCE DOCUMENTATION FORM**

## Austin Regional ITS Architecture Architecture Maintenance Documentation Form

**Please complete the following questionnaire to document changes for the Austin Regional ITS Architecture. Modifications will be made during the next architecture update.**

Agency	
Agency Contact Person	
Street Address	
City	
State, Zip Code	
Telephone	
Fax	
E-Mail	

### Change Information

Please indicate the type of change:

- Level 1: Basic changes that do not affect the structure of the architecture  
Examples include: Changes to stakeholder or element name, element status, or data flow status
- Level 2: Structural changes that impact only one agency  
Examples include: Addition of a new market package or modifications to an existing market package that affects only your agency
- Level 3: Structural changes that have the potential to impact multiple agencies  
Examples include: Addition of a new market package or modifications to an existing market package that involves multiple agencies, incorporation of a new stakeholder into the architecture

Describe requested change	
<p>What, if any, market packages are impacted by the proposed change?</p> <p>Note: If the proposed change involves creating or modifying a market package please attach a sketch of the new or modified market package.</p>	

<p>Does the proposed change affect any additional stakeholders?</p>	
<p>Has coordination occurred with any impacted stakeholders? Please describe the results.</p>	

Please submit change forms to:

Michelle Meaux  
Capital Area Metropolitan Planning Organization  
505 Barton Springs Road, Suite 700  
P.O. Box 1088  
Austin, Texas 78767-1088

Date Request Filed: \_\_\_\_\_