

### LEGEND

**National ITS Architecture Entity**

No Regional Architecture Elements Map To National ITS Architecture

**National ITS Architecture Entity**

Regional Architecture Elements Map To National ITS Architecture

Remote Traveler Support Subsystem
*City of Waco Transit Kiosks
City of Waco Transit Stations
*TxDOT Rest Areas/Visitor Centers/Truck Stops/Service Plaza Kiosks

Personal Information Access Subsystem
*Private Travelers Personal Computing Devices

Vehicle Subsystem
Commercial Vehicles
Private Vehicles

Transit Vehicle Subsystem
City of Waco Transit Vehicles
Hill Country Paratransit Vehicles
Hill Country Rural Transit Vehicles
Hill Country Transit Vehicles
HOTCOG Transit Vehicles
Independent School District Buses

Commercial Vehicle Subsystem
Commercial Vehicles

Emergency Vehicle Subsystem
Bell County Public Safety Vehicles
City of Waco Fire Vehicles
City of Waco Police Vehicles
County Emergency Vehicles
DPS Emergency Vehicles
ETMC EMS Vehicles
Municipal Emergency Vehicles
Private Ambulance Vehicle
Private Tow/Wrecker Vehicles

Maintenance and Const Vehicle Subsystem
City of Killeen PWD Vehicles
City of Temple PWD Vehicles
City of Waco Public Works Vehicles
County Road and Bridge Vehicles
Municipal PWD Vehicles
TxDOT Waco District Maintenance Vehicles

Emergency Management Subsystem
Baylor University Traveler Information Website
City of Waco Website
*Fort Hood Traveler Info Website
Hill Country Transit Website
HOTCOG Website
*K-TUTS Website
*Municipal Traveler Information Websites
*Private Sector Traveler Information Services
Service Agencies
*TxDOT 511 System
TxDOT Motor Carrier Routing Information
TxDOT Waco District Public Information Office
TxDOT Waco District Web Page
Waco MPO Website

Traffic Management Subsystem
*City of Killeen Traffic Operations Center
City of Temple Traffic Operations Center
*City of Waco Red Light Running System
*City of Waco Traffic Operations Center
Fort Hood Traffic Signal System
*Municipal Traffic Operations Center

Emergency Management Subsystem
Bell County Communications Center/EOC
*City of Temple Automated Calling System
City of Waco Fire Dispatch
Correctional Facilities Operations
County EOC
County Public Safety Dispatch
DPS Administration
DPS Communications Service
East Texas Medical Center EMS Dispatch
Fort Hood Operations Center
Municipal Public Safety Dispatch
Private Ambulance Dispatch
Private Tow/Wrecker Dispatch
State EOC
Waco-McLennan County Dispatch
Waco-McLennan County EOC

Traffic Management Subsystem
Other TxDOT District TMCs
TxDOT Fort Worth TMC (TransVision)
TxDOT Transportation Plan. & Program. Div.
TxDOT Waco District Traffic Office

Maintenance & Construction Management
City of Killeen PWD
City of Temple PWD
City of Waco Public Works Divisions
County Road and Bridge
Municipal PWD
Other TxDOT District Maintenance Sections
Private Maintenance Contractor
TxDOT Highway Conditions Reporting System
TxDOT Waco District Area Engineers Office
TxDOT Waco District Maintenance Sections
*Utility Companies
Utility Location Companies

Transit Management Subsystem
City of Waco Transit Operations Center
Hill Country Transit Dispatch
Hill Country Transit Rural Dispatch
HOTCOG Transit Dispatch
Independent School District Dispatch
Other Transit Systems
Private Taxi Provider Dispatch
Private Transit Systems

Archived Data Management Subsystem
City of Waco Crash Database
City of Waco Transit Ridership Database
*Fort Hood Traffic Count Database
Hill Country Transit District Ridership Database
Hill Country Transit Maintenance Database
HOTCOG Transit Ridership database
K-TUTS Traffic Counts Database
Statewide Crash Records Information System
TxDOT Statewide Pavement Mgmt. System
TxDOT Waco District Pavement Mgmt. System
TxDOT Waco District Public Transportation Management System (PTMS)

Commercial Vehicle Administration
*Fort Hood Electronic Clearance Database
Municipal or County Permitting System

Fleet and Freight Management Subsystem
*Private Fleet Management Systems
Rail Operations Centers

Archived Data User Systems
Fort Hood Archived Data Users
K-TUTS Archived Database Users
Rail Operations Centers
Statewide Crash Records Info. System Users
Transit Database Users
TxDOT Public Transportation Division
TxDOT Waco District Pavement Mgmt. System Users
Waco MPO Archived Data Users

Asset Management
TxDOT BRINSAP
TxDOT Waco District Pavement Mgmt System

Care Facility
Regional Medical Center

DMV
Texas DMV

Driver
Driver

Enforcement Agency
County Public Safety Dispatch
Waco-McLennan County Dispatch

Equipment Repair Facility
City of Waco Equipment Repair
County Road and Bridge Equipment Repair
TxDOT Waco District Shop

Event Promoters
City of Waco Event Scheduling

Financial Institution
*Financial Institution

Maintenance & Construction Admin. System
TxDOT Waco District Area Engineers Office

Media
Local Print and Broadcast Media

Multimodal Transportation Service Provider
Regional Airports

Other EM
*Waco Region Incident and Mutual Aid Network

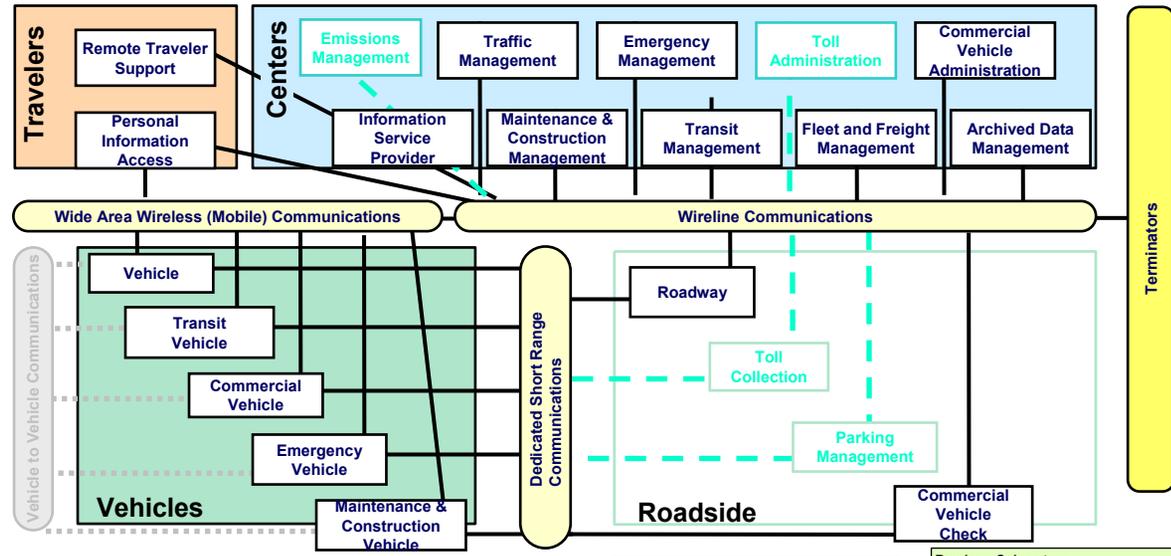
Rail Operations
Rail Operations Centers

Traveler Card
*City of Waco Regional Smart Card
*Regional Transit Card

Wayside Equipment
Rail Operators Wayside Equipment

Weather Service
National Weather Service

Commercial Vehicle Check
*Fort Hood Entrance Vehicle Inspection Station



Roadway Subsystem
City of Killeen ITS Field Equipment
City of Temple ITS Field Equipment
*City of Waco CCTV
*City of Waco DMS
City of Waco Environmental Sensors
*City of Waco Red Light Running Camera
City of Waco School Pager System
City of Waco Traffic Signals
City of Waco Vehicle Detectors
City of Waco Work Zone Equipment
County Road and Bridge Field Equipment

Roadway Subsystem
Fort Hood Field Equipment
*Municipal ITS Field Equipment
*TxDOT Waco District CCTV
TxDOT Waco District DMS
TxDOT Waco District Field Sensors
TxDOT Waco Dist. Frwy Frontage Rd Signals
*TxDOT Waco District Lane Control Signals
*TxDOT Waco District RWIS Sensors
TxDOT Waco District School Pager System
TxDOT Waco District Traffic Signals
TxDOT Waco District Work Zone Equipment
TxDOT Water Level Sensors

Waco, Texas  
Regional ITS Architecture  
"Sausage Diagram"

\* Elements are planned or future, not existing.  
Last update: October 8, 2004