

### 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
*CityLink Transit Kiosks
*CityLink Transit Stations
*TxDOT Rest Areas/Visitor Centers/Service/Truck Stops/Plaza Kiosks

Personal Information Access Subsystem
*Private Travelers Personal Computing Devices

Vehicle Subsystem
Commercial Vehicles

Transit Vehicle Subsystem
CARR - City and Rural Rides Vehicles
CityLink Transit Vehicles
Correctional Facilities Vehicles
Double Mountain Coach Transit Vehicles
Hill Country Rural Transit Vehicles
Independent School District Buses

Commercial Vehicle Subsystem
Commercial Vehicles

Emergency Vehicle Subsystem
City of Abilene Fire Vehicles
City of Abilene Police Vehicles
City of Brownwood Fire Vehicles
City of Brownwood Police Vehicles
County Emergency Vehicles
DPS Emergency Vehicles
Dyess AFB Fire Vehicles
Municipal Emergency Vehicles
Private & County Hospital Ambulance Vehicle
Private Tow/Wrecker Vehicles
Texas Forest Service Vehicles
*Water Dist./River Author. Pub. Safety Vehicles

Maintenance and Const Vehicle Subsystem
City of Abilene Public Works Vehicles
City of Brownwood PWD Vehicles
County Road and Bridge Vehicles
Municipal PWD Vehicles
TxDOT West Central Texas Maint. Vehicles

Archived Data Management Subsystem
Abilene MPO Regional Traffic Count Database
CARR - City and Rural Rides Ridership Archive
City of Abilene Crash Database (PD)
City of Abilene Crash Database (TE)
CityLink Transit Ridership & Maintenance DB
Double Mountain Coach Ridership Database
Hill Country Transit District Ridership Database
Hill Country Transit Maintenance Database
K-TUTS Traffic Counts Database
Statewide Crash Records Information System
TxDOT Public Transportation Division
TxDOT Statewide Pavement Management Sys.

Transit Management Subsystem
CARR - City and Rural Rides Dispatch
CityLink Transit Operations Center
Double Mountain Coach Dispatch
Hill Country Transit Rural Dispatch
Independent School District Dispatch

Commercial Vehicle Administration
Municipal or County Permitting System

Emergency Management Subsystem
City of Abilene EOC
City of Abilene Fire Dispatch
City of Abilene Police Dispatch
City of Brownwood EOC
City of Brownwood Fire Dispatch
City of Brownwood Public Safety Dispatch
County and Municipal EOCs
County Public Safety Dispatch
DPS Administration
DPS Communications Service
Dyess AFB FD Dispatch
Municipal Public Safety Dispatch
Pipeline Group
Private & County Hospital Ambulance Dispatch
Private Tow/Wrecker Dispatch
State EOC
TCEQ Monitor Operations Section
Texas Forest Service Dispatch
Water District/River Auth. Pub. Safety Dispatch

Information Service Provider Subsystem
*Abilene MPO Website
*CARR - City and Rural Rides Web Site
City of Abilene Website
City of Brownwood Website
*Double Mountain Coach Website
Hill Country Transit Website
K-TUTS MPO Website
*Private Sector Traveler Information Services
Regional Airports
Service Agencies
*TxDOT 511 System
TxDOT Abilene District Public Information Office
TxDOT Abilene District Web Page
TxDOT Brownwood District Public Inform. Office
TxDOT Brownwood District Web Page
TxDOT Motor Carrier Routing Information

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

Maintenance & Construction Management
City of Abilene Equipment Management
City of Abilene Street Services
City of Abilene Traffic Engineering
City of Brownwood PWD
County Road and Bridge
Municipal PWD
One Call System
Other TxDOT District Maintenance Sections
Private Maintenance Contractor
TxDOT Highway Conditions Reporting System
TxDOT West Central Texas Area Eng. Offices
TxDOT West Central Texas Maint. Sections

Archived Data User Systems
Abilene MPO Archived Data Users
K-TUTS MPO Archived Database Users
Rail Operations Centers
Statewide Crash Records Info. System Users
Transit Database Users
TxDOT Abilene Dist. Pavement Mgmt Sys Users
*TxDOT Abilene District Traffic Mgmt Center
TxDOT Brownwood Pavement Mgmt Sys Users

Traffic Management Subsystem
*City of Abilene Traffic Operations Center
*City of Brownwood Traffic Operations Center
*Municipal Traffic Operations Center
Other TxDOT District TMCs
TxDOT Abilene District Office
*TxDOT Abilene District Traffic Mgmt Center
TxDOT Brownwood District Office
*TxDOT Brownwood Dist. Traffic Mgmt Center
TxDOT Fort Worth TMC (TransVision)
TxDOT Transport. Planning & Program. Div.

Asset Management
Municipal Pavement Management System
TxDOT Abilene District Pavement Mgmt Sys.
TxDOT BRINSAP
TxDOT Brownwood Dist. Pavement Mgmt Sys.
TxDOT Maintenance & Mgmt. Info. Sys.

Care Facility
Regional Medical Center

Driver
Driver

Equipment Repair Facility
City of Abilene Equipment Repair
County Road and Bridge Equipment Repair
TxDOT West Central District Shop

Event Promoters
City of Abilene Police Dispatch
City of Abilene Traffic Engineering
City of Brownwood City Council
TxDOT Abilene District Office
TxDOT Brownwood District Office
TxDOT West Central Texas Area Eng. Offices

Financial Institution
*Financial Institution

Maintenance & Construction Admin. System
TxDOT West Central Texas Area Eng. Offices

Media
Local Print and Broadcast Media

Multimodal Transportation Service Provider
Amtrak
Regional Airports

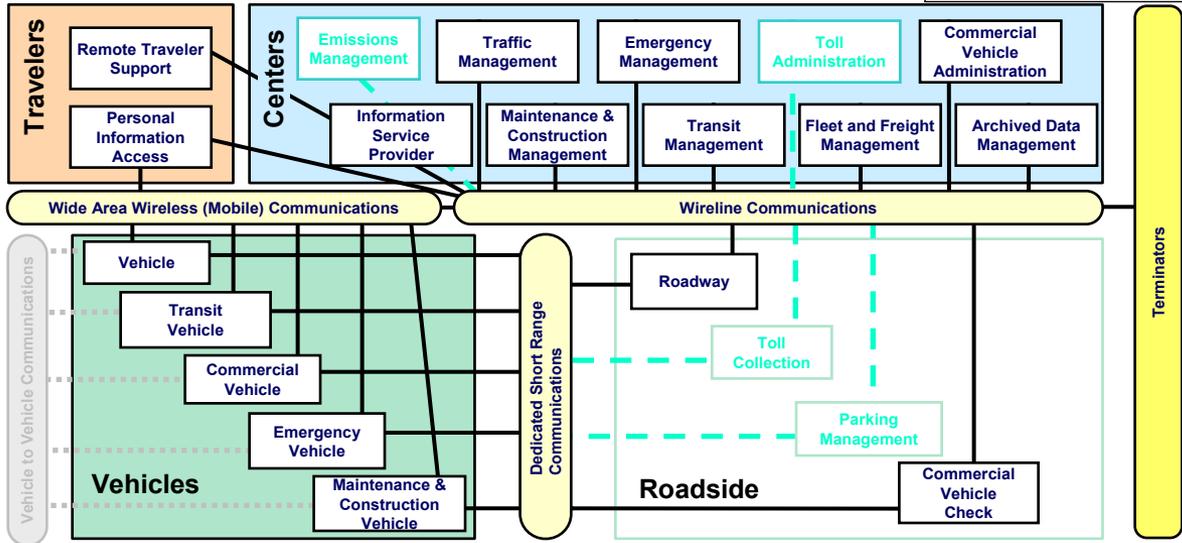
Rail Operations
Rail Operations Centers

Traveler Card
*Regional Transit Card

Wayside Equipment
Rail Operators Wayside Equipment

Weather Service
National Weather Service

Commercial Vehicle Check
*DPS Inspection Stations



*West Central Texas  
Regional ITS Architecture  
"Sausage Diagram"*

\* Elements are *planned or future*, not *existing*.  
Last update: August 20, 2004

Roadway Subsystem
*City of Abilene CCTV
*City of Abilene DMS
City of Abilene Environmental Sensors
*City of Abilene Flood Detection System
*City of Abilene School Pager System
City of Abilene Traffic Signals
City of Abilene Vehicle Detectors
City of Abilene Work Zone Equipment
*City of Brownwood CCTV
*City of Brownwood DMS
*City of Brownwood Flood Detection System
*City of Brownwood School Pager System

Roadway Subsystem
*City of Brownwood Traffic Signals
TxDOT Abilene Vehicle Detectors
City of Brownwood Work Zone Equipment
County Road and Bridge Field Equipment
*Municipal ITS Field Equipment
TxDOT Abilene District CCTV
TxDOT Abilene District DMS
TxDOT Abilene District Field Sensors
*TxDOT Abilene District HAR
*TxDOT Abilene District Lane Control Signals
TxDOT Abilene District School Pager System
TxDOT Abilene District Traffic Signals

Roadway Subsystem
*TxDOT Abilene District Weigh-In-Motion Sta.
TxDOT Abilene District Work Zone Equipment
*TxDOT Brownwood District CCTV
TxDOT Brownwood District DMS
TxDOT Brownwood District Field Sensors
TxDOT Brownwood District School Pager Sys.
TxDOT Brownwood District Traffic Signals
*TxDOT Brownwood District WIM Stations
TxDOT Brownwood District Work Zone Equip.
*TxDOT West Central Environmental Sensors
USGS Water Level Sensors
Water Dist./River Authori. Monitoring Sensors