

Remote Traveler Support Subsystem

*ATCOG TRAX Kiosks *TxDOT Rest Areas/Visitor Centers/Service Plaza Kiosks

Personal Information Access Subsystem

*Private Travelers Personal Computing Devices

Transit Vehicle Subsystem

ATCOG TRAX Vehicles Independent School District Buses

T Line Transit Vehicles

Maintenance and Construction Vehicle

AHTD Maintenance and Construction Vehicles Municipal/County Maintenance and Construction Vehicles

TxDOT Atlanta District Maintenance and Construction Vehicles

Vehicle Subsystem

Private Vehicles

Commercial Vehicle Subsystem

Commercial Vehicles

Vehicles

| Emergency Vehicle Subsystem | |
|---------------------------------------|--|
| AHP/ASP Emergency Vehicles | |
| DPS Emergency Vehicles | |
| Municipal/County Emergency Vehicles | |
| Private Ambulance Vehicles | |
| TXDOT/AHTD Motorist Assistance Patrol | |

Atlanta, TX

Regional ITS Architecture

"Sausage Diagram"

* Elements are planned or future, not existing Last Updated: October 29, 2003

Archived Data Management Subsystem AHTD Planning Division

Arkansas State Police Crash Database Bi-State Justice Center Crash Record Database

Texarkana MPO Archive Data System

*TxDOT Atlanta District Traffic Data Archive TxDOT Public Transportation Division

TxDOT Public Transportation Management System (PTMS)

TxDOT/DPS Crash Record Information System

Information Service Provider Subsystem AHTD Web Site ATCOG TRAX Traveler Information System *Private Sector Traveler Information Services T Line Traveler Information System *TxDOT 511 System TxDOT Atlanta District Web Page TxDOT Highway Condition Reporting System

TxDOT Motor Carrier Routing Information

Remote Travele

Support

Travelers

Traffic Management Subsystem AHTD District Office/TMC *City of Texarkana, AR TMC City of Texarkana, TX TMC *LADOTD Shreveport-Bossier District Office/TMC *Municipal/County TMCs Other Texas Region TMCs

TxDOT Atlanta District TMC/Office TxDOT Atlanta District Web Page TxDOT Fort Worth TMC (TransVision)

Traffic

Management

Commercial Vehicle Administration

Municipal/County Permitting System

Maintenance & Construction Management AHTD Area Maintenance HOs

AHTD District Office/TMC

AHTD Resident Engineers Office

*LADOTD Shreveport-Bossier District Office/TMC Municipal/County Maintenance and Construction Central Systems

Other TxDOT District Maintenance Sections

TxDOT Atlanta District Area Engineers Offices

TxDOT Atlanta District Maintenance Sections

TxDOT Atlanta District TMC/Office TxDOT Atlanta District Web Page

Transit Management Subsystem

*Amtrak Terminal

ATCOG Mt. Pleasant Dispatch Office

ATCOG TRAX Dispatch

Independent School District Dispatch Private Inter-City Bus Carriers

Administration

T Line Transit Dispatch

Emergency

Management

Taxi Dispatch Companies

Fleet and Freight Management Subsystem

Private Commercial Vehicle Fleet Management

Emergency Management Subsystem

Arkansas Highway Police Dispatch

Arkansas State FOC Arkansas State Police Dispatch

*Atlanta Regional Incident and Mutual Aid

Atlanta Regional Medical Centers

County EOC DPS Communications Service

Lifenet Dispatch

Louisiana State Police Dispatch

Municipal/County Public Safety Dispatch Private Ambulance Dispatch

Private Tow/Wrecker Dispatch

Tevas State FOC

Commercial

Vehicle

Administration

TXDOT/AHTD Motorist Assistance Patrol Dispatch

Archived Data User Systems

ConSysTec Corp

Archive Data User Equipment

Asset Management

TXDOT BRINSAF

Care Facility

Atlanta Regional Medical Centers

Equipment Repair Facility

AHTD Equipment Repair Facility

Municipal/County Maintenance and Construction Equipment Repair Facility

TxDOT District Shop

Event Promoters

Municipal or County Permitting System

Intermodal Freight Depots

*Regional Airports

Media

Local Print and Broadcast Media

Multimodal Transportation Service Provider

*Regional Airports

Regional Multimodal Transfer Station

Rail Operations

Rail Operators

Storage Facility

AHTD Storage Facilities

Municipal/County Storage Facilities

TxDOT Atlanta District Storage Facilities

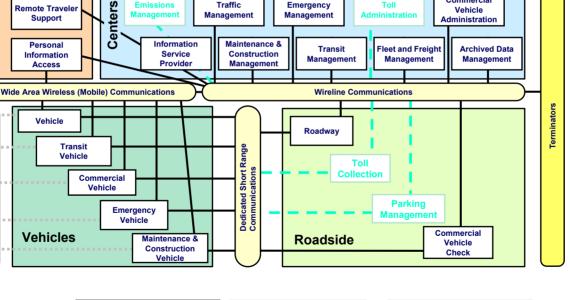
Wayside Equipment

Rail Operators Wayside Equipment

Weather Service

National Weather Service

*Other Agencies Environmental Information Systems



Commercial Vehicle Check

DPS Inspection Stations

Roadway Subsystem

AHTD Field Equipment

City of Texarkana, AR Field Equipment

City of Texarkana, TX Field Equipment

*DPS Weigh-in-Motion Station

Municipal/County Field Equipment

*TxDOT Atlanta District Anti-icing Equipment TxDOT Atlanta District CCTV

*TxDOT Atlanta District CVO Corridor System

TxDOT Atlanta District Traffic Signals *TxDOT Traffic Data Collection Equipment

Roadway Subsystem

*TxDOT Atlanta District DMS

*TxDOT Atlanta District HAR

Equipment

*TxDOT Atlanta District Environmental Sensors

*TxDOT Atlanta District Field Sensors

*TxDOT Atlanta District Portable Field