## 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 |

**Information Service Provider Subsystem**
- City of Corpus Christi Convention and Visitors Bureau Web Page
- MetroComm Community Alerting Tools
- *Private Sector Traveler Information Services
- TCEQ Air Quality Monitoring Sensor Website
- *TxDOT Corpus Christi District Webpage
- TxDOT Corpus Christi Public Information Office
- TxDOT Highway Condition Reporting System
- TxDOT Motor Carrier Routing Information

**Fleet and Freight Management Subsystem**
- Commercial Vehicle Operations

**Emissions Management**
- TCEQ Air Quality Monitoring Center

**Traffic Management Subsystem**
- Corpus Christi Street Services Traffic Operations Center
- Other TxDOT District TMCs
- TCOON Data Collection Center
- TxDOT Corpus Christi TMC
- TxDOT Ferry System Operations Center

**Maintenance & Construction Management**
- Corpus Christi Street Services Maintenance and Operations
- County Road and Bridge
- Other TxDOT District Maintenance Sections
- TxDOT Corpus Christi Maintenance Section
- TxDOT Rural Maintenance Sections

**Emergency Management Subsystem**
- City/County EOC
- City/County Public Safety Dispatch
- Coast Guard Marine Safety Office
- Coast Guard Operations Center
- Corpus Christi Emergency Operations Center
- Corpus Christi International Airport Public Safety
- Corpus Christi PD MetroComm Dispatch
- DPS Communications Service
- NAS Security Office
- Naval Station Ingleside Operations Center
- POCCA Harbor Masters Office
- Private Ambulance Dispatch Center
- Private Tow/Wrecker Dispatch
- Private Vehicle Emergency Systems
- Refinery Terminal Fire Company
- State EOC
- *TxDOT Corpus Christi Emergency Control Center

**Transit Management Subsystem**
- Independent School District Transit Dispatch
- RTA ADART Server
- RTA Paratransit Operations
- RTA Transit System Dispatch Center
- Rural Transit Districts

**Archived Data Management Subsystem**
- *Joint City/County/RTA Data Warehouse
- TxDOT Crash Record Information System
- TxDOT Planning STARS Systems

**Kimley-Horn and Associates, Inc**

**ConSysTec Corp**

**Remote Traveler Support Subsystem**
- Rest Areas/Visitor Centers/Service Plaza Kiosks
- RTA Kiosks

**Personal Information Access Subsystem**
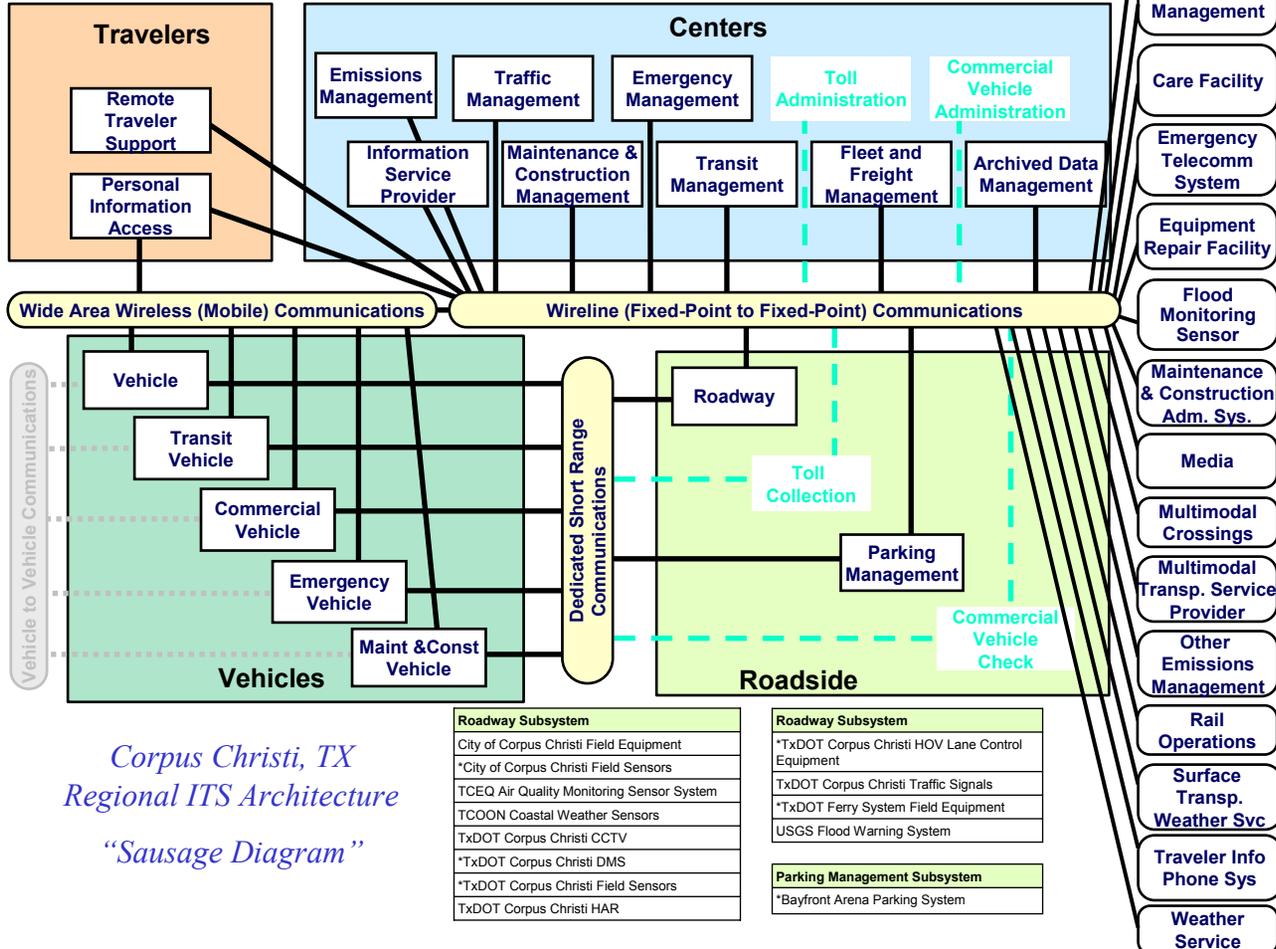- Private Traveler Personal Computing Devices

**Vehicle Subsystem**
- Private Vehicles

**Transit Vehicle Subsystem**
- *RTA ADART Vehicles
- RTA Transit Vehicle
- School District Buses

**Commercial Vehicle Subsystem**
- Commercial Vehicles

**Emergency Vehicle Subsystem**
- City/County Public Safety Vehicles
- Corpus Christi Fire Vehicles
- Corpus Christi Mobile Communications Vehicles
- Corpus Christi Police Vehicles
- Halo Flight Helicopter
- Highway Patrol Vehicles
- Private Ambulances

**Maint & Const Vehicle Subsystem**
- TxDOT Maintenance and Construction Vehicles

### Travelers
- Remote Traveler Support
- Personal Information Access

### Centers
- Emissions Management
- Traffic Management
- Emergency Management
- Toll Administration
- Commercial Vehicle Administration
- Information Service Provider
- Maintenance & Construction Management
- Transit Management
- Fleet and Freight Management
- Archived Data Management

**Wide Area Wireless (Mobile) Communications**

**Wireline (Fixed-Point to Fixed-Point) Communications**

### Vehicles
- Vehicle
- Transit Vehicle
- Commercial Vehicle
- Emergency Vehicle
- Maint &Const Vehicle

**Vehicle to Vehicle Communications**

**Dedicated Short Range Communications**

### Roadside
- Roadway
- Toll Collection
- Parking Management
- Commercial Vehicle Check

**Archived Data User Systems**
- Corpus Christi MPO Office
- Corpus Christi Traffic Engineering

**Asset Management**
- BRINSAP - Bridge Inventory Inspection System

**Care Facility**
- Christus Spohn Memorial Hospital
- Regional Hospitals

**Emergency Telecommunications Systems**
- Telco 911 Call Routing

**Equipment Repair Facility**
- Corpus Christi Fleet Maintenance
- TxDOT District Shop

**Flood Monitoring Sensor**
- *TxDOT Flood Warning Sensors

**Maintenance and Construction Administrative Systems**
- TxDOT Area Engineering

**Media**
- Print and Broadcast Media

**Multimodal Crossings**
- Tule Lake Lift Bridge

**Multimodal Transp. Service Provider**
- Corpus Christi International Airport

**Other Emissions Management**
- Corpus Christi Office of Environmental Programs

**Rail Operations**
- Rail Operations

**Surface Transportation Weather Service**
- *Private Weather Service

**Traveler Info Phone System**
- *511 System

**Weather Service**
- National Weather Service

Column right (circular labels):
- Archived Data User Systems
- Asset Management
- Care Facility
- Emergency Telecomm System
- Equipment Repair Facility
- Flood Monitoring Sensor
- Maintenance & Construction Adm. Sys.
- Media
- Multimodal Crossings
- Multimodal Transp. Service Provider
- Other Emissions Management
- Rail Operations
- Surface Transp. Weather Svc
- Traveler Info Phone Sys
- Weather Service

*Corpus Christi, TX Regional ITS Architecture*

*"Sausage Diagram"*

**Roadway Subsystem**
- City of Corpus Christi Field Equipment
- *City of Corpus Christi Field Sensors
- TCEQ Air Quality Monitoring Sensor System
- TCOON Coastal Weather Sensors
- TxDOT Corpus Christi CCTV
- *TxDOT Corpus Christi DMS
- *TxDOT Corpus Christi Field Sensors
- TxDOT Corpus Christi HAR

**Roadway Subsystem**
- *TxDOT Corpus Christi HOV Lane Control Equipment
- TxDOT Corpus Christi Traffic Signals
- *TxDOT Ferry System Field Equipment
- USGS Flood Warning System

**Parking Management Subsystem**
- *Bayfront Arena Parking System

•Elements are *planned or future*, not *existing*.
•Last Updated:  Feb 10, 2003