Eagle Pass Regional ITS Architecture
Architecture Schematic Diagram

Information Service Provider
City of Eagle Pass Public Access
City of Eagle Pass Public Information Office
City of Eagle Pass Web Site
Early Warning Broadcast System
Private Transit Provider Website
Statewide Crash Records Information System
SWART IVR System
SWART Website
TxDMV Motor Carrier Routing Information
TxDOT DriveTexas
TxDOT Laredo District Public Information Office
TxDOT Statewide ITS Website
TxDOT Traveler Information System

Traffic Management Subsystem
City of Eagle Pass Traffic Operations Center
Eagle Pass International Bridge System
Other TxDOT District TMCs
TxDOT Eagle Pass Traffic Operations Center
TxDOT Laredo TMC – STRATIS
TxDOT San Antonio TMC (TransGuide)

Transit Management Subsystem
Independent School District Dispatch
Private Sector Transit System Dispatch
Private Taxi Provider Dispatch
SWART Fleet Manager
SWART Flex Route Dispatch
SWART Subcontractor Dispatch

Personal Information Access
Private Travelers Personal Computing Devices

Fleet and Freight Management
Commercial Vehicle Operator Systems
SWART Flex Route Dispatch

Payment Administration
City of Eagle Pass International Bridge Toll Plaza Office

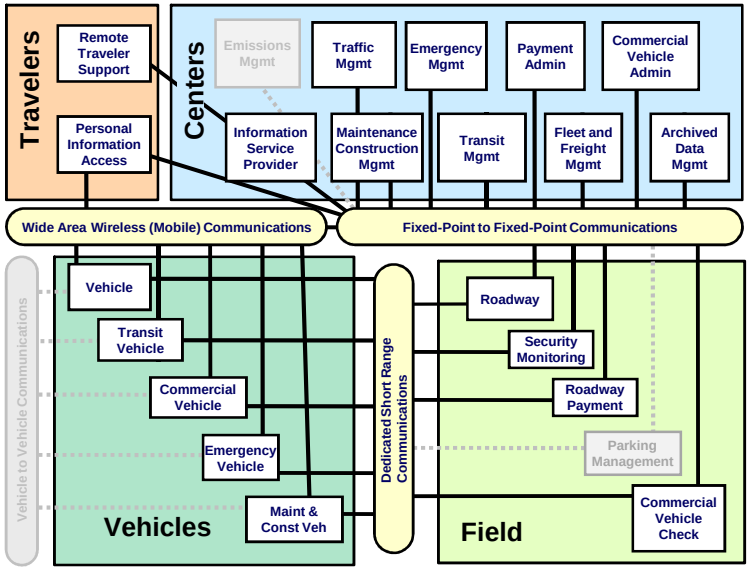
Remote Traveler Support
SWART Kiosk
SWART POS Terminal

Maintenance & Construction Management
City of Eagle Pass Public Works Dispatch
County Road and Bridge Precincts
Municipal Maintenance Dispatch
Other TxDOT District Maintenance Sections
TxDOT DriveTexas
TxDOT Maintenance Sections

Commercial Vehicle Admin
TxDMV Credentials Administration and Safety Information Exchange
US CBP Customs Product Manifest System

Archived Data Management
City of Eagle Pass Asset Inventory
MRGDC Data Archive
Statewide Crash Records Information System
TxDOT Laredo Archived Data Management System

Emergency Management
City of Eagle Pass EOC
City of Eagle Pass Fire Dispatch
City of Eagle Pass Police Dispatch
County EOC
County Sheriff Communications Center
DPS Communications Service
Eagle Pass International Bridge System
Independent School District Police Dispatch
Mexican Public Safety
Municipal Public Safety Dispatch
TDEM District Coordinator- Del Rio
TDEM State Operations Center (SOC)
TxDOT Statewide Emergency Management Coordinator
TxDOT Traffic Operations Division Crash Data and Analysis
US CBP Communications Center
US CBP Port of Entry



Vehicle
City of Eagle Pass Toll Cards
Commercial Vehicles
Private Vehicles

Transit Vehicle
Independent School District Buses
SWART Flex Route Vehicles

Commercial Vehicle
Commercial Vehicles
SWART Flex Route Vehicles

Emergency Vehicles
City of Eagle Pass EMS Vehicles
City of Eagle Pass Fire Vehicles
City of Eagle Pass Police Vehicles
County Sheriff Vehicles
DPS Vehicles
Independent School District Police Vehicles

Maintenance & Const Vehicle
City of Eagle Pass PWD Vehicles
County Road and Bridge Vehicles
TxDOT Maintenance Vehicles

Roadway
City of Eagle Pass Field Equipment
City of Eagle Pass International Bridge Field Equipment
City of Eagle Pass Water Level Sensors and Signs
TxDOT Eagle Pass Field Equipment
TxDOT Water Level Sensors and Signs

Security Monitoring
IBS Security Monitoring

Roadway Payment
City of Eagle Pass International Bridge Toll Plaza

Commercial Vehicle Check
DPS Electronic Screening Stations
US CBP Electronic Clearance System

October 15, 2013.