LEGEND

National ITS Architecture Entity	No Statewide Architecture Elements Map To National ITS Architecture
National ITS Architecture Entity	Statewide Architecture Elements Map To National ITS Architecture

ConSysTec Corp
Iteris and Associates
Meridian
Meyer, Mohaddes Associates, Inc.
An Iteris Company

Information Service Provider Subsystem
- *Other Road and Weather Information Systems
- *Private Sector Service Provider Information Operations Center
- *SD Dept of GFP and National Parks Web Site
- SD State Web Site
- SDDOT 511 Traveler Information System
- SDDOT Integrated Traveler Information Webpage
- *SDDOT Road and Weather Information System

Traffic Management Subsystem
- County, Municipal and Tribal Traffic Operations and Communications Center
- *SDDOT Mobile Traffic Management Center
- *SDDOT Office of Operations
- *SDDOT Region and Area Construction and Maintenance Office
- SDDOT Roadway Design Office

Commercial Vehicle Administration
- CAPRI
- CDL/DL
- COVERS
- COVERS ft
- *COVERSnet
- IFTA Clearinghouse
- IRP Clearinghouse
- Motor Carrier Management Information System
- SAFER
- SAFETYNET 2000
- *SD Automated Permitting System Client
- SD Automated Permitting System Server
- SD State Treasury
- SSRS, Interstate Exempt Reg.
- Title/Registration
- *Unified Judicial System
- *xCVIEW

Emergency Management Subsystem
- County Civil Defense or EOC
- County, Municipal and Tribal Public Safety Dispatch
- *HazMat
- Local and Municipal EOC
- *Private Sector Service Provider EOC
- SD Dept of GFP and National Parks Operations Centers
- SD Governors Office of Homeland Security
- SD LETS Teletype
- SD Office of Emergency Management EOC
- SDHP District Offices
- State Radio Query Application

Transit Management Subsystem
- *Local Taxi Operator Scheduling System
- *Local Van Pool Operator Scheduling System
- *Transit Operator Transit Management Systems

Archived Data Management Subsystem
- *Accident Reporting System Server
- *County, Municipal and Tribal Infrastructure Inventory System
- MPO Operational Database
- SDDOT Infrastructure Inventory System
- SDDOT Office of Data Inventory
- *SDDOT Statewide Signal Maintenance Archive

Maintenance & Construction Management
- County, Municipal and Tribal Roadway Maintenance Dispatch
- County, Municipal and Tribal Traffic Operations and Communications Center
- *SDDOT Region and Area Construction and Maintenance Office

Fleet and Freight Management
- Motor Carrier System

Archived Data User Systems
- *Accident Reporting System Client
- *MPO Operational Database Users
- *SDDOT Office of Data Inventory Users
- *SDDOT Statewide Signal Maintenance Archive Users
- *State, County, Municipal and Tribal Infrastructure Inventory System Users

CVO Inspector
- CVO Inspector

Emergency Telecommunications System
- Emergency Telecommunications System

Enforcement Agency
- *Unified Justice system

Equipment Repair Facility
- County, Municipal and Tribal Equipment Repair Facility
- SDDOT Equipment Repair Facility

Event Promoters
- SD Department of Tourism Public Information Office

Financial Institutions
- Carrier Banks
- South Dakota State Treasury

Media
- Cable Public Access Channels

Mutimodal Transportation Service Provider
- SD Regional Airports

Other Emergency Management
- *BIT Public Safety Incident and Mutual Aid Network

Rail Operations
- Rail Operators

Surface Transportation Weather Service
- Meridian Maintenance Weather Forecast System

Wayside Equipment
- Rail Operators Wayside Equipment

Weather Service
- National Weather Service

Remote Traveler Support Subsystem
- *SD Dept of GFP and National Parks Kiosks
- SDDOT Kiosks
- *Transit Kiosks

Personal Information Access Subsystem
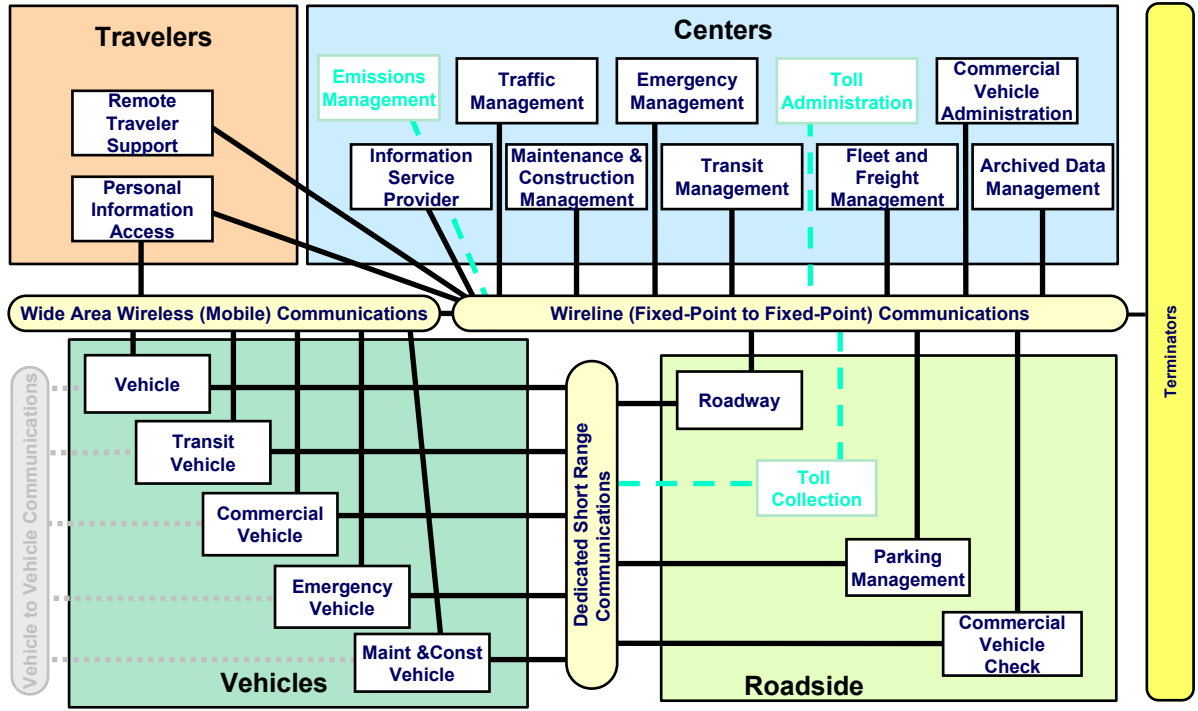- Private Travelers Personal Access Equipment

Vehicle Subsystem
- Private Travelers Vehicles

Transit Vehicle Subsystem
- *Transit Vehicles

Emergency Vehicle Subsystem
- *County Sheriff and Municipal Police Vehicles
- *County, Municipal and Tribal Fire Rescue Vehicles
- *Emergency Services Hand Held Reporting Devices
- *SD Dept of GFP and National Parks Emergency Vehicles
- *SDHP Vehicles

Maint & Const Vehicle Subsystem
- *County, Municipal and Tribal Roadway Maintenance Vehicles
- *SDDOT Maintenance Vehicles

Commercial Vehicle Subsystem
- Automated Vehicle Identification

South Dakota Statewide and CVISN ITS Architecture "Sausage Diagram"

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

Terminators

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

Roadway Subsystem
- *County, Municipal and Traffic Data Collection System
- *Rest Area Operators CCTV
- *SDDOT CCTV
- SDDOT DMS
- *SDDOT Fixed Anti-Icing Systems
- *SDDOT HAR
- *SDDOT Mobile Field Equipment

Roadway Subsystem
- *SDDOT Remote Controlled Snow Gates
- SDDOT RWIS Stations
- SDDOT Traffic Data Collection System
- *SDDOT Work Zone Field Sensors
- State, County and Municipal Traffic Operations Field Equipment

Parking Management Subsystem
- *SD Dept of GFP and National Parks Parking Management Systems

Commercial Vehicle Check
- ASPEN
- *Electronic Screening
- *Roadside System Server

* Indicates elements (or ITS aspect of elements) are *planned*, not *existing*.

Last Updated: February 26, 2003