

Breakout Session 1

Group D

Addressing ITS Data Needs
through the INFOstructure

Who Are the Stakeholders and What are Their Roles?

- What is the proper level of granularity?
- Government:
 - Federal
 - Congressional Staffers
 - State
 - Legislature
 - Local
 - **County**
 - **City**

Who Are the Stakeholders and What are Their Roles?

- Agencies
 - Transportation
 - Traditional DOTs (Rural)
 - Transit
 - Bus
 - Rail
 - Homeland Security
 - Law Enforcement
 - Emergency Medical
 - Fire & Rescue
 - Medical (Hospital)
 - MPOs

Who Are the Stakeholders and What are Their Roles?

- Service Providers
 - Information
 - Telematics
- Research Community
 - Academia
 - Think Tanks
- Military

Who Are the Stakeholders and What are Their Roles?

- Commercial Vehicle Operators
- Shippers
- Manufacturers (Just In Time)

Who Are the Stakeholders and What are Their Roles?

- Event Planners
 - Sports Complexes
 - Amusement Parks
 - Concert Venues
- Traveling Public

Stakeholders / Roles

- Obtain/Provide Funding
- Provide Leadership
- Education
- Innovation
- Marketing “101”
 - Identify Needs
 - Pre-sell Solutions

What BENEFITS would the INFOstructure Bring to the Public?

- Near or Real Time Data
- Predictable travel experience
- Provide Customers with options
- Reliability
- Ability to plan trips on a nationwide basis
 - Personal
 - Business

What BENEFITS would the INFOstructure Bring to the Public?

- Increased Safety
- Improved Environment
- System Optimization
- Increased Capacity
- Economic Competitiveness
- Security

“Improved Quality of Life”

What Information is Needed to Support Transportation Activities

- Congestion
- Work Zones
- Weather
- Incidents
 - Location
 - Duration
 - Hazmat

What Information is Needed to Support Transportation Activities

- Safety
- Critical Infrastructure
- Information on Alternate routes

What Data is Needed to Build this Information?

- Traffic Flow
 - Volume
 - Speed
 - Occupancy
- Road Geometry
- Mode
- Classification
- Crash

What Data is Needed to Build this Information?

- Weather
 - High Water Levels
 - Pavement Temperature
 - Fog Density
 - Snow Cover
 - Ice
- CVO
 - Content of Cargo
- Port of Origin & Destination ...
- Video

How Can the INFOstructure Help Address Homeland Security Issues?

- Large Natural Disasters
- Terrorist Events
- Support of Mobilization

Summary

- What's new about INFOstructure?
 - National vs. Local
 - Inter-regional
 - Inter-modal
 - Functional Integration
 - ATMS
 - ATIS
 - IM
 - CVO
 - Other

Summary

- Define the Needs
- Market, Market, Market