National Perspectives on Freight Data

Data Needs in the Changing World of Logistics and Freight Transportation

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Overview

- The Freight Vision in ISTEA/TEA 21
- Status of Freight Data Today/Challenges
- The “Road” Ahead
Defining the Challenges

- ISTEA Vision: “A Freight System”
  - CFS: Critical Collection Tool
  - CFS: Requires Amplification for the Future

- Importance of Freight Mobility & Data
  - Infrastructure Building
  - Arteries Of a Global Economy
  - Adequate Capacity / People and Goods
Defining the Challenges

Data Gaps:
- International Freight
  - Linking Foreign Cargo to the Domestic System
- Domestic Moves
  - Modal Balance
  - Type/Value/Weight
  - O and D Points
  - System Capacity and Efficiency
Defining the Challenges

Data Gaps:

- Intermodal v. Modal
- Costs
- Public vs. Private Costs
- Public vs Private Benefits
- State and Local Needs
  - CFS granularity not adequate for local planners
Defining the Challenges

The “Road” Ahead:
- Must Consider the “System” Ahead
- FHWA Forecast suggests Doubling of Freight by 2020 = System Challenge
- Capacity Is Constrained Today
- September 11 Compounds Challenge
The “Road” Ahead

- Freight Data Is Critical...
- You Can’t Manage What You Can’t Measure