



U.S. Department of Transportation
Federal Highway Administration

**Office of Freight Management
and Operations**

1200 New Jersey Avenue SE
Washington, D.C. 20590
www.ops.fhwa.dot.gov/freight

SHRP2 C20

Freight Demand Modeling & Data Improvement

Office of Freight Management and Operations
Federal Highway Administration



SHRP2 C20 - Freight Demand Modeling & Data Improvement - Priority Initiatives

- Develop range of freight forecasting methods/tools that can be applied at all levels.
- Develop freight data resources for application at sub-regional levels.
- Establish behavior-based modeling approaches for freight movement.
- Establish a standardized portfolio of core freight data sources/data sets.
- Establish techniques/standard practices to review & evaluate freight forecasts.
- Determine how economic, demographic, land use, & other factors drive freight patterns & document economic & demographic changes related to freight choices.



SHRP2 C20 - National Initiatives

- Freight Modeling & Data Expert Task Group.
- Implementation Assistance Program pilot projects in 11 states
 - Innovations in Local Freight Data
 - Behavior-Based Freight Modeling
- Regional Freight data workshops.
- Promote advanced research activities:
 - Behavioral/Agent-Based Supply Chain Modeling Research.
 - Incorporating Land Use & Demographic Trends into Freight Trip Demand Analysis.
- Quick Response Freight Manual (QRFM) Update.
- Freight Model Improvement Portal (FMIP) – Community of Practice.
- <https://www.fhwa.dot.gov/goshrp2/>

