Advancing Freight Fluidity
Performance Measures

December 9-10, 2015

The NAS Building
Washington, D.C.

Organized by
Transportation Research Board

Supported by
Federal Highway Administration Office of
Freight Management and Operations

Planning Committee

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Dear Workshop Participant,

The efficient and reliable movement of freight is essential to the success of our economy and society. Assuring freight performance requires measurement tools, data and analyses, as well as a paradigm that defines freight movements. That paradigm is the supply chain, the end to end flow of components and products that links sources, manufacturing, and customers.

While freight is primarily moved by the private sector, there is a strong public interest because of the use of public infrastructure – highways, waterways, airports – and because of the centrality of freight to our economic security and competitiveness.

The Federal Highway Administration Office of Freight has been developing and working toward deployment of a supply chain performance measurement concept called freight fluidity. At this workshop we will learn of FHWA’s progress and activities in freight fluidity, discuss key implementation issues, learn the views of some primary stakeholders, and contribute our own ideas about how to move forward with pilot tests of freight fluidity.

I look forward to working with you to help define a path for this promising approach to supply chain performance measurement.

— Joseph L. Schofer
Northwestern University
Conference Chair
Wednesday, December 9

1:00 p.m.–1:15 p.m., NAS 120
**Introduction and Workshop Objectives**
Joseph Schofer, Northwestern University, *presiding*

1:15 p.m.–1:30 p.m., NAS 120
**Overview Freight Fluidity Concept**
Nicole Katsikides, Federal Highway Administration, *presiding*

1:30 p.m.–3:00 p.m., NAS 120
Joseph Schofer, Northwestern University, *presiding*

  - **Applicability of Fluidity**
    Alan Pisarski, Alan Pisarski Consulting

  - **Scale and Geography for implementation**
    Bill Eisele, Juan Villa, TTI

  - **Data Options and Analytic Issues**
    Joe Bryan, Parsons Brinckerhoff

  - **Implementation: Where Can We Start?**
    Lance Grenzeback, Cambridge Systematics, Inc.

3:00 p.m–3:30 p.m., Outside NAS 120
**Break**

3:30 p.m.–5:00 p.m., NAS 120
**Stakeholder Views on Measuring Transportation Supply Chain Performance**
Stuart Anderson, Iowa Department of Transportation, *presiding*

  - **Freight Fluidity Performance Measures: ACSCC Engagement**
    David Long, U.S. Department of Commerce International Trade Administration

  - **Third Party Logistics Provider**
    Paul Newbourne, Armada Supply Chain Solutions

  - **Industry Perspective**
    Bruce Carlton, National Industrial Transportation League

  - **I-95 Corridor Coalition Supply Chain Work**
    Marygrace Parker, I-95 Corridor Coalition

5:00 p.m.–5:30 p.m., NAS 120
**What We Learned**
Joseph Schofer, Northwestern University, *presiding*

5:30 p.m.–6:30 p.m., NAS West Court
**Reception**
Thursday, December 10

8:00 a.m.–8:30 a.m., Outside NAS 120
Breakfast

8:30 a.m.–9:30 a.m., NAS 120
Federal Highway Administration Perspective
Caitlin Rayman, Federal Highway Administration, presiding

Supply Chain Performance and Transportation Policy
Debra Miller, Surface Transportation Board, presiding

Addressing the connection between supply chain performance and economic competitiveness in strategic transportation investment decision making.

Laura Mester, Michigan Department of Transportation
Paul Trombino, Iowa Department of Transportation

9:30 a.m.–11:00 a.m., NAS 120
Regional Applications of Freight Fluidity
Scott Drumm, Port of Portland, presiding

Tina Casgar, San Diego Association of Governments
Tom Murtha, Chicago Metropolitan Agency for Planning (CMAP)
Anne Strauss-Wieder, North Jersey Transportation Planning Authority (NJTPA)

11:00 a.m.–11:30 a.m., Outside NAS 120
Break

11:30 a.m.–12:30 p.m., NAS 120
Wrap Up: Moving Forward with a Freight Fluidity Pilot Program
Joseph Schofer, Northwestern University, presiding

12:30 p.m., NAS 120
Adjourn
Save the Date

Transportation Research Board 95th Annual Meeting
January 10–14, 2016
Washington, D.C.