

Second Annual

Truck Size & Weight Stakeholder Forum

***New Policies & Strategies to Minimize the Impact of
Overweight Trucks on Infrastructure***

June 18, 2019
Rutgers University
New Brunswick, NJ

Forum Objective

To convene transportation stakeholders to address the effect of oversize and overweight trucks on the transportation infrastructure including strategies to comply with the MAP-21 Act per the USDOT final report entitled “Comprehensive Truck Size and Weight Limit Study.” The event will focus on the following five categories that were identified by the Transportation Research Board (TRB) committee named the “Truck Size and Weight Limits Research Plan” to support the USDOT MAP-21 Act:

- **Pavement**
- **Bridges**
- **Freight**
- **Safety**
- **Enforcement**



Forum is Hosted By



C²SMART Center is a USDOT Tier 1 University Transportation Center taking on some of today's most pressing urban mobility challenges. Using cities as living laboratories, the center examines transportation problems and field tests novel solutions that draw on recent advances in communication and smart technologies. Our consortium includes New York University, Rutgers University, University of Texas at El Paso, University of Washington, and City College of New York.

Participating Centers



Rutgers Infrastructure Monitoring and Evaluation (RIME) Group is a multi-modal transportation infrastructure research and education partnership focusing on the structural health monitoring, advanced concrete and innovative materials, traffic and transportation analysis, life cycle cost analysis, impact of overweight trucks on infrastructure, reliability-based code calibration, computer-aided modeling and analysis, etc.



New York University's International Center for Enterprise Preparedness (INTERCEP) is the first academic center dedicated to organizational resilience and agility. The center maintains a global outreach with a special focus on multi-party collaboration on shared challenges via business-to-business and public-private partnerships.

Agenda

- 9:00 am** **Welcome & Stakeholder Introductions with Key Objectives**
- **Bill Raisch**, Director, INTERCEP, a C²SMART Participating Center
 - **Round Robin Introduction of Participants**
 - *Name, Title, Organization and Core Reason for Attending (10 minutes)*
- 9:15 am** **Opening Remarks**
- **Kaan Ozbay**, Ph.D., Professor & Director, C²SMART Center, Department of Civil and Urban Engineering & Center for Urban Science & Progress (CUSP), Tandon School of Engineering, New York University
 - **Hani Nassif**, P.E., Ph.D., Professor & Director, Rutgers Infrastructure Monitoring and Evaluation (RIME) Group, Department of Civil & Environmental Engineering, Rutgers University
- 9:25 am** **Keynote: The Current Policy Landscape & Implementation Challenges in the Area of Truck Size & Weight and Impacts to Infrastructure**
- **Vince Mantero**, Federal Highway Administration, US DOT, Office of Freight Management & Operations
 - **Kimbrali Davis**, New Jersey DOT, Manager, Multimodal Services, OS/OW Truck Permitting
- 10:05 am** **Break**
- 10:20 am** **Pavement and Bridges Roundtable**
- Introductory Remarks:*
- **Imad L. Al-Qadi**, PhD, Bliss Professor of Engineering, Dir., Illinois Center for Transportation, Dir., Advanced Transportation Research & Engineering Lab., Dir., Smart Transportation Infrastructure Initiative, Univ. of Ill. at Urbana-Champaign
 - **Hani Nassif**, P.E., Ph.D., Professor & Director, Rutgers Infrastructure Monitoring and Evaluation (RIME) Group, Department of Civil & Environmental Engineering, Rutgers University
- Participant Discussion:*
- **Transportation Agencies / Government Representatives**
 - **Industry Representatives**
 - **Researchers**

11:20 am **Freight Roundtable: *The Movement of Goods & Services and the Need for Heavier Vehicles***

Introductory Remarks:

- **José Holguín-Veras**, Ph.D., William H. Hart Professor & Dir. of Volvo Research & Ed. Foundations Center of Excellence for Sustainable Urban Freight Systems and the Center for Infrastructure, Transportation, and the Environment (CITE), Rensselaer Polytechnic Institute
- **Jeff Wojtowicz**, Senior Research Engineer, the Center for Infrastructure, Transportation, and the Environment (CITE), Rensselaer Polytechnic Institute

Participant Discussion:

- **Transportation Agencies / Government Representatives**
- **Industry Representatives**
- **Researchers**

12:20 pm **Luncheon (provided onsite)**

1:15 pm **Safety Roundtable**

Introductory Remarks:

- **Kaan Ozbay**, Ph.D., Professor & Director, C²SMART Center, Department of Civil and Urban Engineering & Center for Urban Science & Progress (CUSP), Tandon School of Engineering, New York University

Participant Discussion:

- **Transportation Agencies / Government Representatives**
- **Industry Representatives**
- **Researchers**

2:15 pm **Enforcement Roundtable: *Sensors and New Technology Developments***

Facilitated Roundtable Discussion with Remarks by:

- Private Sector Firms: *Tools & Solutions*
- Local Transportation Agencies: *Policies and Enforcement of Overweight/Oversize Regulations*
- Trucking Industry Representatives: *Current Planning & Technologies*
- Local/County Government Representatives

3:15 pm **Break**

3:30 pm Stakeholder Input on Key Factors Informing Future Policies & Implementation

Activities: *A Roundtable Discussion*

- Pavement and Bridges
- Freight
- Safety
- Enforcement
- Transportation Resilience including Extreme Weather / Coastal Threats

4:30 pm Summary & Discussion of Next Steps

- Confirming Stakeholder Perspectives
- Identifying Points of Consensus
- Needs for Further Information / Research
- Opportunities for Collaboration
- Follow-up Events

5:00 pm Closing & Informal Reception

Expected Meeting Attendees

Justin Adone	NYC Department of Transportation, Highway Repair
Suhail Albhaisi	Stantec, Senior Principal Transportation, Regional Leader, Bridges
Imad L. Al-Qadi	University of Illinois, Urbana-Champaign, Distinguished Professor
Michel Boufadel	New Jersey Institute of Technology, Professor
Steve Brown	Port Authority of New York & New Jersey, General Manager, Regional Transportation Policy
Harry Capers, Jr.	ARORA and ASSOCIATES, P.C., Vice President
Joseph Carbone	NYC Department of Transportation, Director, Citywide Operations, Division of Roadway Repair & Maintenance
Paul Cardie	Federal Highway Administration, NJ Division, Senior Structural Engineer
Hannah Cheng	New Jersey Department of Transportation, Bureau of Structural Engineering
Victor Chung	Port Authority of New York & New Jersey, Tunnels, Bridges & Terminals
Andrew Clark	New Jersey Department of Transportation, Program Specialist, Bureau of Freight Planning & Services
Kimbrali Davis	New Jersey Department of Transportation, Manager of Multimodal Services
Wayne T. Davis	Virginia Department of Motor Vehicles, Deputy Director of Motor Carrier Size & Weight Services
Christopher Eshleman	Port Authority of New York & New Jersey, Senior Economic Analyst, Department of Planning and Regional Development
Joseph Ferrara	Ferrara Concrete, Vice President
Muhammed Hajj	Stevens Institute of Technology, Chair of Civil, Environmental, and Ocean Engineering, Director of the Davidson Laboratory
Kendra Hems	New York Motor Truck Association, President
Ahmed Ismail	Port Authority of New York & New Jersey, Planning & Regional Development
Narendra Khambhati	Arora and Associates, PC., Senior Vice President
Andrew Ludasi	New Jersey Department of Transportation, Director of Multimodal Services
Vince Mantero	Federal Highway Administration, Office of Freight Management & Operations
Chris Maxwell	Rhode Island Trucking Association, President & CEO

Irena Nedeljkovic	NYC Department of Transportation , Special Assistant to the Deputy Commissioner, Roadway Repair and Maintenance
Himanshu Patel	New Jersey Department of Transportation , Superload Unit
Ekaraj Phomsavath	Federal Highway Administration, NJ Division , ITS and ROW Specialist
Valeriya Remezova	Federal Highway Administration, NJ Division , Assistant Division Administrator
Yasotha Rishindran	New Jersey Department of Transportation , Structural Evaluation and Bridge Management
Darrin Roth	American Trucking Association , Vice President, Highway Policy
Jakub Rowinski	North Jersey Transportation Planning Authority , Special Projects Manager, Freight Planning
Steve Rush	Carbon Express , President & CEO
Mark Seaman	NYC Department of Transportation , Senior Economist
Brandi Thorpe	Virginia Department of Motor Vehicles , Deputy Director of Motor Carrier Services
Douglas Tintle	New Jersey Department of Transportation , Structural Evaluation and Bridge Management
Steven Todd	Specialized Carriers & Rigging Association , Vice President
Gail Toth	New Jersey Motor Truck Association , Executive Director
Paul Truban	Keller Engineers of New Jersey , Director of Freight & Transportation Planning
Peter J. Vanderzee	LifeSpan Technologies , President & CEO
Cara Wang	Rensselaer Polytechnic Institute (RPI) , Associate Professor, Civil and Environmental Engineering
Jeff Wojtowicz	Rensselaer Polytechnic Institute (RPI) , Senior Research Engineer

Staff

Kaan Ozbay	New York University , Director, Connected Cities with Smart Transportation (C ² SMART)
Jingqin Gao	New York University , PhD Candidate, Research Assistant, Tandon School of Engineering
Onur Kalan	New York University , Research Associate, Civil and Urban Engineering, Tandon School of Engineering
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Sami Demiroglu	Rutgers University , Research Associate, RIME
Graziano Fiorillo	Rutgers University , Post-doctoral Associate, RIME
Peng Lou	Rutgers University , Associate Director of Research – BRP, RIME
Chaekuk Na	Rutgers University , Senior Associate Director, RIME
Adi Abu-Obeida	Rutgers University , Associate Director of Research – OnCall Service, RIME
Bill Raisch	NYU INTERCEP , Executive Director
Carlos Restrepo	NYU INTERCEP , Senior Researcher
Carol Shields	NYU INTERCEP , Program Manager
Amelia Swan	NYU INTERCEP , Project Coordinator