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
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Justin Adone</td>
<td>NYC Department of Transportation, Highway Repair</td>
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<td>Suhail Albhaiasi</td>
<td>Stantec, Senior Principal Transportation, Regional Leader, Bridges</td>
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<td>Imad L. Al-Qadi</td>
<td>University of Illinois, Urbana-Champaign, Distinguished Professor</td>
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<tr>
<td>Michel Boufadel</td>
<td>New Jersey Institute of Technology, Professor</td>
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<td>Steve Brown</td>
<td>Port Authority of New York &amp; New Jersey, General Manager, Regional Transportation Policy</td>
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<td>Harry Capers, Jr.</td>
<td>ARORA and ASSOCIATES, P.C., Vice President</td>
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<td>Joseph Carbone</td>
<td>NYC Department of Transportation, Director, Citywide Operations, Division of Roadway Repair &amp; Maintenance</td>
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<td>Paul Cardie</td>
<td>Federal Highway Administration, NJ Division, Senior Structural Engineer</td>
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<td>Hannah Cheng</td>
<td>New Jersey Department of Transportation, Bureau of Structural Engineering</td>
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<td>Victor Chung</td>
<td>Port Authority of New York &amp; New Jersey, Tunnels, Bridges &amp; Terminals</td>
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<td>Andrew Clark</td>
<td>New Jersey Department of Transportation, Program Specialist, Bureau of Freight Planning &amp; Services</td>
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<td>Kimbrali Davis</td>
<td>New Jersey Department of Transportation, Manager of Multimodal Services</td>
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<td>Wayne T. Davis</td>
<td>Virginia Department of Motor Vehicles, Deputy Director of Motor Carrier Size &amp; Weight Services</td>
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<td>Christopher Eshleman</td>
<td>Port Authority of New York &amp; New Jersey, Senior Economic Analyst, Department of Planning and Regional Development</td>
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<td>Joseph Ferrara</td>
<td>Ferrara Concrete, Vice President</td>
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<td>Muhammed Hajj</td>
<td>Stevens Institute of Technology, Chair of Civil, Environmental, and Ocean Engineering, Director of the Davidson Laboratory</td>
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<tr>
<td>Kendra Hems</td>
<td>New York Motor Truck Association, President</td>
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<td>Ahmed Ismail</td>
<td>Port Authority of New York &amp; New Jersey, Planning &amp; Regional Development</td>
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<td>Narendra Khambhati</td>
<td>Arora and Associates, PC., Senior Vice President</td>
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<td>Andrew Ludasi</td>
<td>New Jersey Department of Transportation, Director of Multimodal Services</td>
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<tr>
<td>Vince Mantero</td>
<td>Federal Highway Administration, Office of Freight Management &amp; Operations</td>
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<tr>
<td>Chris Maxwell</td>
<td>Rhode Island Trucking Association, President &amp; CEO</td>
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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 (C²SMART)
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

Hani Nassif  Rutgers University, Director, Rutgers Infrastructure Monitoring and Evaluation (RIME); Associate Director, C²SMART
Sami Demirogluk  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