INTERMODAL FREIGHT AND PASSENGER MOVEMENT COMMITTEE

Co-Chairs: Debbie Bowden, Rick McDonough, and Tom McQueen

Committee Meeting and Webcast
April 21, 2015

www.i95coalition.org
# Today’s Agenda

**10:00 a.m. Welcome & Self-Introductions**  
Debbie Bowden & Rick McDonough  
- Introduction of Incoming Co-Chair – Tom McQueen, Georgia DOT

**10:10 I-95 Coalition Activities Update**  
Coalition Staff - Marygrace Parker  
- Significant Events Conference  
- Executive Board Meeting

**10:20 IFPMC Projects Update**  
Debbie Bowden & Marygrace Parker

**10:45 Spotlight Presentations – Initiatives of Interest**  
- Overview and Update of the Northeast Corridor Project  
  Bill Jorch, MDOT  
- Florida DOT Freight Coordinator Program  
  Rich Biter & Rickey Fitzgerald, FDOT

**11:45 Roundtable Topics**  
Group Discussion  
- 2015 Winter Significant Events and Impacts on Freight/Lessons Learned  
- State Freight Plans Status

**12:15 p.m. Lunch and Networking**

**1:00 Other Freight-Related Initiatives**  
- U.S. Maritime Administration – Strong Ports Initiative  
  Barbara Nelson, MARAD  
- Connected Vehicles and Freight  
  Rick McDonough, NYSDOT

**1:30 2015-2016 Workplan**  
Debbie Bowden, Rick McDonough & Tom McQueen  
- Project Ideas or initiatives

**2:00 Next Steps - Wrap Up**  
Debbie Bowden, Rick McDonough & Tom McQueen

**2:15 Adjourn**
I-95 Corridor Coalition
Activities Update
New Coalition Website Launched!

www.i95coalition.org
2015 Significant Events Conference
May 12 – 13, 2015
Maritime Institute, Lithincum Heights (Baltimore), MD

- Conference Theme:
  “Removing Barriers for Coordination and Opening the Door for Cross-Disciplinary Understanding”
Significant Events Conference

Agenda

Panel Topics and Presentations

- “Significant Events Response – A Roadmap for All Levels and Disciplines”
- “How to Do Business When It’s Not Business as Usual”
- “Event Response – Tools You Can Use at Your Agency”
- Spotlight Presentation: “Protecting ITS Networks”
- “Road Map Implementation – Some Examples of Best Practices”
- “The Future of Response”
  - “The National Conversation on Homeland Security Technology”

- Looking Ahead
I-95 Corridor Coalition
Executive Board Meeting

• Date: May 28, 2015
• Location: Washington Metropolitan Council of Governments, Washington, DC
• Key Agenda items:
  – National Perspective on Transportation
  – I-95 Corridor Coalition Projects Update and Summary of 2014-2015 Accomplishments
  – 2015-2016 Budget and Work Plan
Intermodal Freight and Passenger Movement Committee

PROJECT UPDATES
Freight Data Project

Two Coalition Activities underway:

• Volume, Freight, and Origin/Destination Data (VFOD)
  – Funded under MCOM II program

• I-95 CC Intermodal Committee Freight Data Project
  – Funding allocated under work plan 2014/2015

Potential to leverage/create synergy between projects
Coalition Freight Data Project

- Inventory freight systems and data being utilized by the Coalition Members, including freight data tools in use, work with agencies to assess data needs and gaps for freight data for planning and performance and examine potential for of existing/previous I-95CC tools such as VPP and ICAT to be leveraged for freight planning and performance measure purposes, particularly for “freight corridors”.

www.i95coalition.org
Real Time Volume and Origin Destination Data

• In parallel with the upcoming freight effort, the Coalition/UMD CATT will be looking into the technical feasibility and demand from DOTs/MPOs for real-time volume data and turning movement data products

• Currently creating a cooperative research agreement with jurisdictions and vendors

• Targeted products include:
  – Volume/density provided within data feed
  – Turning movements at major intersections
Coordinated Freight Data Projects

Proposed Work Tasks

• Develop a User Group of leading MPOs and state DOT planning personnel (IMPTC/UMD CATT)

• Survey MPOs and DOT planning departments for the type of freight data needed, what are their current available sources of freight data and what applications are supported or need be (I-95/UMD CATT develop, I-95 Survey)

• Solicit input from FHWA Freight Office for their freight data interests (I-95CC/UMD CATT)
Coordinated Freight Data Projects
Proposed Work Task

- Investigation of NPMRDS data, detailing method to conflate for inclusion in VPP (UMD CATT)
- Solicit and characterize any commercial sources of freight data, both real-time and archive (UMD CATT)
- Survey industry consortia for available sources of freight data to meet needs (UMD CATT/I-95 CC)
Potential Freight Data Project Benefits

• Leverage respective projects’ activities to avoid duplication, optimize benefits
• Standardization of data
• Common tool for agencies to utilize and to share additional tool developments
• Collaboration of freight expertise in the Corridor, and synergism of the above
• Identifying best-of-practice method/procedures for freight performance measures and planning
• Identifying common measures for freight performance
Freight Data Project Next Steps

- Identify User Group Participants
- If you are interested in participating contact Coalition staff:
  - Marygrace Parker at 518-852-4083 or i95mgp@ttlc.net
- Develop Survey, Share with User Group for feedback, launch survey.
2015 Freight Academy “V”
April 26 – May 1, 2015 in New Brunswick, NJ/Rutgers CAIT

- 25 Participants selected
  - All I-95CC Member States which applied are sending at least one person on full I-95CC Scholarship
  - Scholarships also provided by AASHTO and University of Maryland’s National Transportation Center

- More information at: www.freightacademy.org
I-95 Corridor Coalition
Commercial Vehicle Portal

Went live -- ahead of schedule -- in April 2014

www.i95coalition.org
FHWA Multi-State Freight System Performance Measures Project

Objective: Develop better measures of freight performance across multi-state supply chains, by producing:

• Framework for describing and measuring performance
• Data and measurement techniques
• Short-term solutions for defining the most critical trade lanes, industries, and commodity flows
• Longer-term solutions for improved data and multimodal approaches; and inputs for transportation professionals implementing MAP-21.

Compliments FHWA Freight Fluidity Work

• Five representative supply chains measured, final report being developed
  – Results to be presented at 5th International Transportation Systems Performance Measurement and Data for Decisions and Performance Measures. Denver, Colorado, June 2015
I-95 Corridor Coalition
Truck Parking Initiative

Status Update
Truck Parking Project Objectives

● Demonstrate proof-of-concept to show:
  ▪ Technology can accurately identify available parking spaces.
  ▪ Parking information can be communicated to drivers in a timely, useful, and efficient fashion.

● Demonstrate feasibility of the concept in a limited deployment in MD and VA.

● Develop an approach that could be expanded and replicated by states beyond this pilot deployment.
Truck Parking Deployment Status

- System deployed, configured, integrated with host system, and extensively tested at two Tier I locations:
  - I-95 Ladysmith Rest Area, Northbound, Caroline County, VA.
  - I-95 Welcome Center, Northbound, Laurel, MD.

- All system components and communications are fully functional.

- System successfully “acceptance tested” with Coalition, FHWA, and VDOT.

- Coalition system is a true “production-level” system:
  - Includes both front- and back-end components.
  - Designed to support a significant volume of web and telephone traffic simultaneously hitting the system, and is expandable.
  - System is linked to an O&M Center.
Truck Parking Project Next Steps

- Complete Tier I user testing:
  - Recruiting truckers to participate in field test.

- Assess Tier I performance and refine system as needed.

- Expand pilot locations in Tier II, and open system usage to the general public.

- Working with VDOT to integrate system into their ITS/TMC environment to continue operation post Tier 1 testing

- Assess Tier II performance, share results with other states.
Other IFPMC-Related Activities

• Oversize/Overweight ListServ
  – Created for NASTO states as a recommendation from NASTO Hurricane Sandy After Action Review
  – Being actively utilized by DOT Permit staff to exchange information between states
    • Questions on regulations, best practices, issues
Spotlight Presentations – Initiatives of Interest
Overview and Update of the Northeast Corridor Project
Bill Jorch, MDOT
Northeast Corridor (NEC)

Bill Jorch
Multimodal Policy Analyst
Maryland Department of Transportation
Maryland Transit and the NEC
MARC Penn Line – Facts

- 6,096,222 riders in FY 2014
- 24,385 average ridership per day in FY 2014
  - 68% of MARC ridership
- 57 weekday trains
- 18 Saturday trains
- 12 Sunday trains
NEC – Background

- Unique ownership structure
- Owner / operator relationship
- Need for cost allocation among users
Northeast Corridor – Map
Northeast Corridor – Facts

NEC Main Line

Amtrak
8 Commuter Railroads
4 Freight Railroads

750,000
Daily Riders

2,000
Daily Trains
NEC Commission

- Established in Passenger Rail Investment and Improvement Act of 2008 (PRIIA)

- Membership
  - Eight states and DC, Amtrak, USDOT, and non-voting representatives

- Primary deliverables
  - Cost Allocation Policy
  - Reports
Next Steps

- Owner / operator negotiations
- Final Approval of NEC Cost Allocation Policy
Thank You!

› Questions?

› Contact:
  ◦ bjorch@mdot.state.md.us
Florida DOT
Freight Coordinator Program
Rich Biter, FDOT
&
Rickey Fitzgerald, DOT
Evolution of Transportation
# The Evolution of Transportation

<table>
<thead>
<tr>
<th>From...</th>
<th>To...</th>
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<tbody>
<tr>
<td>Moving vehicles</td>
<td>Moving people and freight</td>
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<tr>
<td>Individual modes and facilities</td>
<td>Complete end-to-end trip</td>
</tr>
<tr>
<td>Individual jurisdictions</td>
<td>Economic regions and trade corridors</td>
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<tr>
<td>Physical capacity</td>
<td>Operational performance, flexibility, and reliability</td>
</tr>
<tr>
<td>Travel time and vehicle operating costs</td>
<td>Business logistics and economic competitiveness</td>
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<tr>
<td>Reacting to economic growth and community and environmental impacts</td>
<td>Proactive planning for economic, community and environmental goals</td>
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# Florida Transportation Goals

## How Transportation Supports Florida’s Future

- Economic Competitiveness
- Quality of Life
- Quality Places

## Performance of the Transportation System

- Safety & Security
- Maintenance & Operations
- Mobility & Connectivity
Florida: America’s Gateway to the World
The Perfect Climate for Business

**TOP BUSINESS LOCATION**
- #1 Tax Climate in the Southeast for Business (Tax Foundation)
- #1 State for Innovation (Fast Company)
- #3 in the U.S. for High-Tech Businesses (TechAmerica Cyberstates)
- One of every five U.S. companies that export is located in Florida (U.S. Census Bureau)

**PERSONAL INCOME TAX**
Florida’s zero percent personal income tax makes it easier for you to build the business of your dreams. More money in your pocket means more flexibility to spend on yourself, your family or your business.

**THE 21st LARGEST ECONOMY IN THE WORLD**
With 19+ million residents and 95 million visitors a year, Florida’s GDP ranks 21st among the world’s largest economies. (BEA and IMF)

**GLOBAL HUB FOR EASY TRADE**
- Florida exports over $60 billion in goods made in the state, the 7th highest among all states. (U.S. Census Bureau)
- 2nd largest foreign trade zone network in the nation. (U.S. Department of Commerce)
Planning for Freight Mobility and Trade
Freight Mobility and Trade Plan: 2 Elements

- **Policy Element** (Adopted 6/19/2013):
  - Lays out policy framework,
  - Identifies responsibilities for implementation, and
  - Meets requirements of HB 599.

- **Investment Element** (Adopted 9/18/2014):
  - Identifies freight needs,
  - Identifies criteria for state investment in freight,
  - Prioritizes freight investments across modes, and
  - Meets requirements of MAP-21.
Freight Mobility and Trade Plan Investment Element (2014)

Identified Florida Freight Project Needs by Mode

- **Highway**: $26.3 Billion, 447 Projects
- **Air**: $1.1 Billion, 168 Projects
- **Rail**: $1.4 Billion, 67 Projects
- **Spaceport**: $0.6 Billion, 19 Projects
- **Seaport**: $2.5 Billion, 66 Projects
Freight Stakeholder Outreach

• Regional Listening Sessions,
• 1st and 2nd Florida Freight Leadership Forum, and
• Business Forums.
Tell the Freight Story

- Communicate into simple to understand terms:
  - No mixed signals, and
  - Relates to PhD & GED.

- Paint a picture of Freight:
  - To our daily lives,
  - Economic Development,
  - Jobs & health of our Economy, and
  - A transitioning DOT.
Implementing the Plan
Implementation Actions

- Continue the annual Freight Leadership Forum and other stakeholder dialogues.
- Expanded freight data efforts.
- Dynamic project needs database.
- Review of design standards for accommodating freight.
- New District Freight Coordinator positions.
District Freight Coordinators

- CO/D3/Turnpike Rickey Fitzgerald
- D1 Keith Robbins
- D2 Justin Ryan
- D4 Jeremy Upchurch
- D5 Ryan Marks
- D6 Carlos Castro
- D7 Brian Hunter
Freight Coordinators’ Work Experience

- U.S. Army Logistics Corps Officer.
- U.S. Army Transportation Corps Officer.
- Senior Logistician for a Combat Sustainment Support Battalion.
- Program Manager for Joint Logistics Over the Shore at U.S. Transportation Command.
- Pricing Analyst for a large national trucking and logistics company.
- Marketing Analyst for an established Railroad.
- Outbound Coordinator for a large parcel delivery company.
- Urban and Land Use Planner for local government.
- Transportation Engineer Consultant for private sector and FDOT.
- Transportation Planner Consultant for private sector and FDOT.
Freight Coordinators’ Duty Dimensions

- Outreach
- Legislative
- Training
- Budget & Finance
- Analysis & Data
- Programs & Planning
Vision and Mission

- **Vision**
  Freight Coordinator activities will establish FDOT as a principle freight, trade and logistics partner contributing to the growth of Florida’s economy as a global, export-oriented hub by early 2016.

- **Mission**
  Mission of the Freight Coordinators is to play a key role in advancing the initiatives to transform Florida’s economy into becoming a global hub for trade, logistics and export-oriented manufacturing activities.
Goals

Goal(s)

1. Establish Freight Coordinators as FDOT’s freight, trade and logistics professionals.
2. Integrate freight, trade and logistics practice into FDOT’s day-to-day business process.
3. Identify, prioritize and champion the freight, trade and logistics initiatives in collaboration with stakeholders and partners in the District.

Tell the Freight Story, Develop a Plan, and Sell the Story & Plan
Strategic Plan:

**PHASE I: READINESS DEVELOPMENT** (3 Months)
Create Duty Dimensions; Develop Support Tools; & Execute Training Plans

**PHASE II: SHAPING** (12 Months Concurrently)
Define Vision & Mission & Identify Priorities (Initiatives & Stakeholders)

**PHASE III: OUTREACH** (On-going)
Build Partnerships & Increase Awareness for all Stakeholders

**PHASE IV: MAINTENANCE** (On-going)
Record & Incorporate Best-Practices & Lessons-Learned Into Training
Strategic Plan Phase II

Strategy to shape the framework for Vision achievement:
1. Capitalize on existing foundations:
   a. Freight Mobility and Trade Plan (FMTP), and
   b. Strategic Intermodal System (SIS).
2. Optimize the existing network and processes:
   a. Speak the Stakeholders’ language, and
   b. Fit initiatives around stakeholders’ needs.
3. Develop FMTP Implementation objectives.
Current Priorities and Targets

- Building stakeholder-diverse Freight Advisory Committees in all of Florida regions.
- Spearheading site selection for autonomous vehicle pilots.
- Developing Task Team focus groups to address related industry issues and concerns such truck parking and driver shortage.
- Provide technical advisory including Florida Transportation Plan, Return on Investment Tools and Performance Measures.
- Integrating Rural Agribusiness, Economic Development and Freight Mobility.
- Developing metrics for freight project Investment efforts.
- Implementing freight network optimization methods.
Priorities and Targets Milestones

- Conducted more than 350 outreach engagements with private and public stakeholders.
- Completed first phase of developing metrics for freight project investment efforts.
- Conducted industry engagement for the Southeast FL/Turnpike Truck Parking project.
- Completed Freight Roadway Designs Consideration study.
- Completed first report for Value of Truck Travel-Time Reliability Study.
- Freight Stakeholders Database & Transportation/Logistics Survey (ongoing).
Next Steps
Next Steps: Proactive Approach

Next Steps after District Freight Coordinators first twelve months Strategic Plan implementation:
1. Finalize current priorities and targets.
2. Identify best-practices/lessons-learned gained.
4. Implement refined Strategic Plan.

Source: Michael Porfun, Competitive Advantage
Florida Values Partnership

Our goal is to make Florida the dominant gateway for U.S. trade through our investments in trade and transportation infrastructure.
Roundtable Topics
Group Discussion

2015 Winter Significant Events and Impacts on Freight

State and MPO Freight Plans Status
Roundtable Topic Questions

• Significant Events:
  – Were there any special challenges you faced related to freight movement during significant weather that were:
    • Addressed successfully through an operational or innovative approach you would like to share
    • Would benefit from sharing of best practices/lessons learned and/or some standardization of approach
      – i.e. travel information, implementation of restrictions

• State Freight Plan Status
  – Status of state DOT’s freight plans in corridor
    • Have not begun yet, Underway, Completed?
    • Are Coalition states interested in holding a webinar to discuss/share issues, lessons learned?
U.S. Maritime Administration
Strong Ports Initiative
Barbara Nelson, MARAD
StrongPorts is designed to deliver assistance to all U.S. ports and their communities. The StrongPorts framework provides initiatives and activities aligned with the three phases of project development – Planning and Engagement, Finance and Project Support. Program participation is voluntary.

Planning and Engagement

The Maritime Administration is encouraging ports to develop investment-grade plans detailing the transportation system benefits, economic opportunities and positive environmental impacts of the projects to the ports and their greater communities. StrongPorts Program services to assist in these planning efforts include:

- PortTalk Collaborations
- Port Planning & Investment Toolkit
- Innovative Environmental Solutions
- Delivery of Federal services
- Stakeholder outreach

Finance

Many port modernization projects require multi-source financing that may include port, Federal, State, local and private funding. In addition to overseeing the port-related TIGER Grants, the Maritime Administration can help ports identify funding sources.

Services include:

- Port Infrastructure Fund
- Port Conveyance Program
- Identifying Federal, State and local funding sources

Project Support

Many port modernization projects require the participation of numerous stakeholders from Federal, State and local governments alongside the private sector. Projects often involve activities requiring collaboration among multiple government agencies to address environmental review, risk mitigation and permitting. In some cases, the Maritime Administration can use its unique authority relating to the improvement of port facilities to help resolve, simplify or overcome these complex challenges.
Gateway Director Contact Information

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Update/Perspective on National Connected Vehicle Program Initiatives (including CV/Freight)

Rick McDonough, NYSDOT
Connected Vehicle Update

• NHTSA Rule Making underway for Light Vehicles
• Expect similar announcement for Heavy Vehicles
• USDOT/FHWA Connected Vehicle solicitation pending; responses submitted
• Expect USDOT decision by Sept. 2015
• Few Heavy Vehicle projects to date outside of, I-95 CC CVII Program
• NYSDOT expects to advance some heavy vehicle oriented applications using I-95 CC funds
**Connected Vehicle Update**

- Survey of I-95 Corridor Coalition State DOTs on Connected Vehicle Activities
  - 14 agency respondents
    - 3 have no current plans; 2 are reviewing
    - 8 have plans and/or are investigating opportunities
    - 5 States involved in pilots, plan to continue and/or submit a proposal for the pilot study (NY, NJ, PA, VA, FL)
- VDOT is the lead state for CV Pooled fund study
- NYSDOT CVII work only CV/Freight Related work noted
Connected Vehicle Update

- State/Local agencies need to get involved – interests may not be totally represented to date
- AASHTO CV Deployment Group being created with ITSA and ITE
- One focus of new group, in theory, is to better represent the state and local operating agencies
IFPMC
Group Discussion

Workplan 2015-2016
IFPMC Work Plan Group Discussion:

• Potential work plan project - Truck Parking
  – What current or planned activities are agencies in Corridor undertaking related to truck parking:
    – Truck Parking Studies
    – Real time parking availability systems
    – Capacity expansion projects
  – Are there lessons learned/best practices from I-95 and other FHWA-funded truck parking projects to share with states/MPOs
  – Are there emerging models for truck parking real time information and/or capacity expansion that we might examine
    • i.e. 3rd Party/PPP truck parking systems
      – Are there issues associated with these that having states look at this on a regional/corridor basis might be beneficial and address issues of:
        » Safety/transparency, Data usage/ownership, interoperability of systems, “corridor system procurement”
IFPMC Work Plan Group Discussion

Suggestions for IFPMC work plan?

• Topics for information sharing/exchange, studies/analyses?
• Other issues/project ideas to consider?
IFPMC UPCOMING ACTIVITIES

Overall Committee

Tasks: 2015-2016 Work Plan
- Finalize Work Plan and Submit to Steering Committee and Executive Board – late April/early May, 2015
- For questions contact Marygrace at i95mgp@ttlc.net or 518-852-4083 or one of the co-chairs.

Upcoming Committee Meetings
- Full Committee Meeting/Webinar to convey Executive Board decisions, Project updates – possibly September, 2015
QUESTIONS?
THANK YOU!

IFPMC Co-Chairs
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