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FMTF Freight Committee Meeting Minutes

**Date: Monday, May 16, 2016**

**Time: 3:00 – 4:00 P.M. EST**

**Where: Web conference**

**Attendees List:**

**Frank Tabatabaee FDOT Central Office**

**Thomas Hill FDOT Central Office**

**Joel Worrell FDOT Central Office**

**Lawrence Massey FDOT District 1**

**Ameera Sayeed FDOT District 2**

**Shi-Chiang Li FDOT District 4**

**Ryan Marks FDOT District 5**

**Carlos Castro FDOT District 6**

**Brian Hunter FDOT District 7**

**Bob Crawley Heartland TPO**

**Miguel Lugo**

**Levi Stewart**

**Robert Piatkowski**

**Krishnan Viswanathan Cambridge Systematics**

**Sheldon Harrison Cambridge Systematics**

**Daniel Beagan Cambridge Systematics**

**Li Jin Kittelson & Associates**

**Santanu Roy HDR**

**Lauren Rushing HDR**

**Steven Lawe RSG**

**Colin Smith RSG**

**Rodrigo Mesa-Arango FIT**

**Makarand Gawade RS&H**

**Zahra Pourabdollahi RS&H**

**Het Patel RS&H**

**Rob Schiffer Stantec**

**Mike Doherty AECOM**

**Heather Lupton AECOM**

Ameera Sayeed began the meeting. – 3:00pm

**Item 1: Introductions & Summary from previous calls**

* We decided to have designated champions who volunteered for each of our subcommittees.
  + The subcommittees have put together teams and presentations containing their mission statement and a set of goals/objectives.

**Item 2: Presentations – Freight Subcommittee Champions**

* FreightSIM – Krishnan Viswanathan
  + The state has developed FreightSIM to understand freight movements in the state and one of the ways to enhance the tool would be to make it a more integral part of the planning process.
  + Goals of the Subcommittee
    - Spread knowledge about FreightSIM
      * Develop a training program
      * Determine model changes
      * Determine data requirements and structure for short-haul movements
    - Enhance FreightSIM for different users
      * Different geographic scales
      * Different stakeholders
    - Develop a process whitepaper for the next Model Task Force meeting
* Economic – Zahra Pourabdollahi
  + The importance of freight transportation on economic growth is the key motivation for this subcommittee.
  + Goals of the Subcommittee
    - Develop economic analyses using FreightSIM outputs
    - Quantify economic impacts of freight transportation in Florida
    - Evaluate and employ available tools
    - Highlight additional data and model requirements
  + Goal for the next Model Task Force meeting
    - Evaluate feasibility of post-processing and economic analysis to measure economic impacts of freight movements using FreightSIM outputs.
* Data – Santanu Roy
  + Freight transportation is vital to mobility of goods and economic development and the data is essential in understanding these trends.
  + Subcommittee Vision
    - Understand the data needs of the Florida freight community
    - Make data more accessible
    - Enhance FreightSIM
    - Convert data into meaningful information for multimodal planning and decision-making
  + Goals for the next Model Task Force meeting
    - Review results of the available surveys
    - Determine if an additional survey is needed
    - Report on data
* National and State Freight – Colin Smith
  + Goals of the Subcommittee
    - Conduct a scan of the state of the practice regarding national, statewide, and regional freight modeling in North America
    - Have particular regard to innovative projects, such as those funded by the SHRP2 C20 program
    - To identify which new models, data collection programs, and other enhancements are proving to be successful from which Florida might learn and transfer knowledge
  + Regional Models
    - Phoenix/Tuscon (MAG/PAG)
      * Firm synthesis model with firm evolution, agent-based supplier selection mode, integrating with a regional truck touring model
    - Baltimore (BMC)
      * Regional freight truck touring model and commercial vehicle touring model.
      * Connected to Maryland statewide model.
    - Portland (Metro)
      * Similar to Baltimore model.
      * Collecting establishment and truck touring data to re-estimate, then calibrate and validate models.
    - Piedmont Triad, North Carolina (PART)
      * Transfer of Baltimore model, building on local data products such as intermodal and distribution center survey data collected as part of a SHRP2 C20 data project.
    - Chicago (CMAP)
      * Agent-based supply chain model connected to a truck touring model.
    - Los Angeles (SCAG)
      * Focused on regular updates to trip-based heavy truck model using extensive validation data collection.
    - San Diego (SANDAG)
      * Implemented a commercial vehicle model using a similar truck touring model framework to Calgary and is currently calibrating and validating it.
      * Heavy truck model is similar to SCAG’s model.
  + Other Models and Data
    - Statewide Strategic Models
      * FHWA maintains the Energy and Emissions Reduction Policy Analysis Tool (EERPAT) – adding a statewide freight simulation model.
    - National Models
      * FHWA Exploratory Advanced Research Program
        + Behavioral-based national freight demand modeling
    - Freight data for use in freight models
      * SHRP2 C20 Data Grants
        + Series of grants around the country to improve freight data collection, including freight node data, truck GPS data, etc.

**Item 3: Comments & Questions**

* Currently looking at early November to hold the next Model Task Force meeting.
  + Don’t want to conflict with the Florida AV Summit.

**Item 4: Next Steps**

* Periodically, will be meeting with the Subcommittee members.
* Would like to schedule one more Freight Committee meeting sometime in August or September to give Subcommittee members ample time to work toward their goals.

Meeting adjourned – 3:56pm