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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