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FMTF Freight Committee Meeting Minutes

**Date: Friday, June 8, 2018**

**Time: 10:00 A.M. – 11:00 A.M. EST**

**Where: Web Conference**

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| **Attendee** | **Agency** |
| Terry Corkery | FDOT Central Office |
| Jerry Scott | FDOT Central Office |
| Frank Tabatabaee | FDOT Central Office |
| Min-Tang Li | FDOT District 4 |
| Jeremy Upchurch | FDOT District 4 |
| Carlos Castro | FDOT District 6 |
| Neil Lyn | FDOT District 6 |
| Bob Crawley | Heartland TPO |
| Xia Jin | Florida International University |
| Rodrigo Mesa-Arango | Florida Institute of Technology |
| Naveen Eluru | University of Florida |
| Mike Doherty | AECOM |
| SungRyong Han | BCC Engineering |
| Sheldon Harrison | Cambridge Systematics |
| Heather Lupton | Cambridge Systematics |
| Krishnan Viswanathan | Cambridge Systematics |
| Ying Cao | CTS Engineering |
| Jeanette Berk | Gannett Fleming |
| Li Jin | Kittelson & Associates |
| Jongson Won | PTV Group |
| Zahra Pourabdollahi | RS&H |

## Item 1: Freight Economics Subcommittee Chair Update

## Makarand Gawade and Zahra Pourabdollahi have been working on research focusing on crowdsourcing and crowdshipping companies in Florida.

## Investigating the impact on urban and rural transportation in Florida.

## The subcommittee invites anyone who would like to contribute or participate in this project.

## Item 2: FreightSIM Subcommittee Chair Update

* Working to update FreightSIM from a 2010 base year to a 2015 base year.
  + Using FAF4 data for the FreightSIM update.
* Developed a firm evolution model to study the dynamics of the growth and death of firms over time.
  + Currently updating code to reflect 2015 base year.
* Anticipate the update being done by the end of August 2018.
* Once complete, it will be reviewed by Central Office along with the Passenger Model, then uploaded to FSUTMSOnline as the total Florida Statewide Model package.
  + The 2010 loaded and unloaded versions are already uploaded onto FSUTMSOnline.

## Item 3: Freight Data Subcommittee Chair Update

* Focusing on freight data, how it’s obtained, and how to improve modeling efforts.
* Working on a freight backhaul report.
  + What does the data look like? Would be great if it could be shared.
    - Frank to follow up with Santanu regarding what was completed and how it’s being executed.
  + The report was completed at the beginning of 2018.
* Working on statewide truck and freight parking study.
  + Try to identify parking issues and potential facility improvements.
* In the process of acquiring truck GPS data.
  + Currently in the acquisition phase.
* If there are any other data needs, please contact Neil or Santanu with your requests.

**Action Item:**

* **Frank Tabatabaee to follow up with Santanu Roy to determine what has been completed on the freight empty backhaul report and how it’s being executed.**
* **Contact Neil Lyn (**[**neil.lyn@dot.state.fl.us**](mailto:neil.lyn@dot.state.fl.us)**) and/or Santanu Roy (**[**santanu.roy@hdrinc.com**](mailto:santanu.roy@hdrinc.com)**) with any data needs or requests.**

## Item 4: National and Regional Modeling Subcommittee Chair Update

* No current activities to report at the time, but willing to meet with the other subcommittees.

## Item 5: Update: Transearch/FAF4 Data Fusion & FreightSIM Economic Impact Analysis Tool

* Transearch/FAF4 Data Fusion
  + Dr. Naveen Eluru at the University of Central Florida and Dr. Abdul Pinjari at the University of South Florida completed the project in May 2018.
  + Disaggregating the FAF4 data to our FLSWM TAZs was a major undertaking.
    - The FAF4 for the State of Florida is broken into five regions, needed to disaggregate data to FLSWM TAZ.
  + Fuses 2011 TranSearch, 2012 FAF4 and WIM data to provide commodity flow and empty truck backhaul.
    - Used the ODME process from Cube Analyst to equalize the network load.
  + The Final Report is posted on FSUTMSOnline for downloading and your review.
    - If interested in receiving the data, please email Frank with a brief description of the intended use of the data.
    - Interested in knowing who is doing what in order to share ideas and expertise.
* FreightSIM Economic Impact Analysis Tool
  + Dr. Zhong-Ren Peng at the University of Florida developed the Florida Freight Transportation Economic Impact Kit (FTEIK) tool, which uses FreightSIM VMT and VHT outputs to create an economic impact analysis.
    - These outputs are used as an input into ImPlan software.
    - The final product is a dollar value for any given construction project study area.
    - Used the Jacksonville Port as an example, increasing the capacity by 30% in Freightsim. Implan provided dollar value as in ROI at county and state level.
    - Provides dollar values at the micro, meso, and macro level.
  + Working to develop training material for the FTEIK tool and will be broadcasting via FSUTMSOnline regarding dates, times, and locations of the training.

**Action Item:**

* **If interested in receiving the Freight Data Fusion, contact Frank Tabatabaee (**[**frank.tabatabaee@dot.state.fl.us**](mailto:frank.tabatabaee@dot.state.fl.us)**) with a brief description of the intended use of the data.**

## Item 6: Discussion – Long-term Freight Committee Plan

* Looking for input regarding items for the committee to consider in the future.
  + If you have any ideas, send an email to Neil or Frank with your suggestions.
* The last FHWA Vehicle Inventory Survey was done in 2002.
  + This survey is helpful for converting trucks to tonnage.
  + Is this something for Florida to consider completing?
    - Could be helpful to meet with Joel Worrell ([joel.worrell@dot.state.fl.us](mailto:joel.worrell@dot.state.fl.us)) regarding this topic.
* Would like to have one more Committee meeting before the December Model Task Force.

**Action Item:**

* **If you have any suggestions or ideas for items the Freight Committee should consider in the future, contact Neil Lyn (**[**neil.lyn@dot.state.fl.us**](mailto:neil.lyn@dot.state.fl.us)**) and/or Frank Tabatabaee (**[**frank.tabatabaee@dot.state.fl.us**](mailto:frank.tabatabaee@dot.state.fl.us)**).**