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FMTF Freight Committee Meeting Minutes

**Date: Tuesday, February 14, 2017**

**Time: 9:00 – 10:00 A.M. EST**

**Where: Web Conference**

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| **Attendee** | **Agency** |
| Thomas Hill | FDOT Central Office |
| Jerry Scott | FDOT Central Office |
| Frank Tabatabaee | FDOT Central Office |
| Christopher Simpron | FDOT District 1 |
| Ameera Sayeed | FDOT District 2 |
| Justin Ryan | FDOT District 2 |
| Thomas Knox | FDOT District 2 |
| Shi-Chiang Li | FDOT District 4 |
| Hui Zhao | FDOT District 4 |
| Susan Sadighi | FDOT District 5 |
| Jim Wikstrom | FDOT District 5 |
| Carlos Castro | FDOT District 6 |
| Brian Hunter | FDOT District 7 |
| Rodrigo Mesa-Arango | Florida Institute of Technology |
| Xia Jin | Florida International University |
| Bob Crawley | Heartland TPO |
| Mike Doherty | AECOM |
| Sung-Ryong Han | BCC Engineering |
| Yongqiang Wu | CTS Engineering |
| Dan Beagan | Cambridge Systematics |
| Sheldon Harrison | Cambridge Systematics |
| Heather Lupton | Cambridge Systematics |
| Krishnan Viswanathan | Cambridge Systematics |
| Makarand Gawade | HDR |
| Santanu Roy | HDR |
| Sheri Coven | Marlin Engineering |
| Jongson Won | PTV Group |
| Rob Palmer | RS&H |
| Zahra Pourabdollahi | RS&H |
| Rob Schiffer | Stantec |

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## Item 1: MTF Action Items for Freight Committee

* Last year, developed three subcommittees:
  + Economic – *Zahra Pourabdollahi*
  + Data – *Santanu Roy*
  + FreightSIM – *Krishnan Viswanathan*
  + National and Regional Modeling – *Colin Smith*
* Data feeds each of the subcommittees.
  + Need to ensure that we are acquiring and vetting the appropriate data needs.
  + Data brochure put together by Central Office.
    - Identified data needs that would enhance FreightSIM/modeling as it pertains to freight in the future.
* Training material and training sessions regarding FreightSIM.
* Putting together FAQ’s and updating FSUTMS Online

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## Item 2: Subcommittee Reports and Status

* Economics and Freight
  + How can economic post-processing help with freight modeling?
    - Using FreightSIM framework and outputs to conduct an economic evaluation.
    - Currently have a research project with Dr. Peng at the University of Florida developing a set of reporting variables out of FreightSIM that go beyond what we usually look at for economic analysis in freight modeling.
      * Wanted to focus on the reporting of gross state product, job creation, and downstream land use impacts.
      * Hoping to have it completed by the March 2018.
* Data
  + Focused on four activities:
    - Brochure detailing the various freight data sets in the field.
      * Central Office put together a white paper detailing the differences between FAF and TranSearch data.
        + Located on FSUTMS Online
    - Creating a list of opportunities to enhance the FreightSIM model.
      * Conducted an in-depth analysis of what data sets could be brought to the table to improve FreightSIM.
    - Truck count program
      * Given recent changes in land use, want to determine what else could be done to improve the truck count program.
    - How to more accurately forecast truck traffic
      * Typical truck traffic forecasting assumes truck percentage is constant, but that’s not necessarily the case.
      * What could be done to improve this process?
      * Need to leverage existing processes and sources.
  + Hope to bolster the use of Bluetooth in the freight modeling process.
* FreightSIM
  + Course material for FreightSIM training is being developed for Central Office.
    - Delivery may be sometime before the end of this fiscal year.
  + FreightSIM will be updated to a 2015 base year from the current 2010 base year.
  + Also have a project with the University of Central Florida and University of South Florida attempting to fuse TranSearch and FAF data.
    - Can we use TranSearch to break down FAF zones?
      * Looking to break FAF zones down to the TAZ level.
      * Also have plans to break it down to the regional level.
    - Slated to finish in the middle of 2018.

## Item 3: AV and CV

* Scott Seeburger (chair of the Transit Committee) approached each committee chair inquiring the role of AV/CV in each committee’s emphasis area.
  + Is now the right time for it to fit in?
  + Do we have the data? Lack the data?
  + Can this committee set some short, mid, and long term goals regarding AV/CV?
    - Central Office is working with HNTB under Ed Hutchinson’s AV/CV contract to draft a scope of services to address this issue.
      * How do we incorporate it into our LRTP process?
      * Looking to set parameters for acceptable ranges for AV/CV implementation.
        + Not just looking at capacity improvements, but also behavioral changes that may occur.
      * Will work through the Model Task Force committees, starting with the Advanced Modeling Committee.
      * It will be important to see the effects of AV/CV on freight from both the macroscopic and microscopic levels.

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## Item 4: Next Step

* Will be creating a set of action items for the Freight Committee.
  + Will set up another conference call to vet those items to be presented to the Model Task Force.
* Letting Central Office take the leadership role on AV/CV, with the Model Advancement Committee in the leadership role as well.

## Item 5: Open Discussion

* Innovations of Freight Data Workshop is being held in Irvine, CA on May 17-18, 2017.