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FMTF Data/GIS Committee Meeting Minutes

**Date: Tuesday, January 30, 2018**

**Time: 10:30 A.M. – 11:30 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 |
| Hui Zhao | FDOT District 4 |
| Soliman Salem | City of Jacksonville |
| Bob Crawley | Heartland TPO |
| Richard Ranck | Hillsborough County Public Works |
| Nikhila Rose | MetroPlan Orlando |
| Denise Bunnewith | North Florida TPO |
| Gary Kramer | West Florida RPC |
| Xia Jin | Florida International University |
| Naveen Eluru | University of Florida |
| Bill King | AirSage |
| SungRyong Han | BCC Engineering |
| Danyu Shi | BCC Engineering |
| Sheldon Harrison | Cambridge Systematics |
| Heather Lupton | Cambridge Systematics |
| Patricia Tice | CREWS, LLC |
| Alex Anaya | ESRP |
| Jeanette Berk | Gannett Fleming |
| Hoyt Davis | Gannett Fleming |
| Michael Schmedt | HDR |
| Dan Beaty | HNTB |
| Li Jin | Kittelson & Associates |
| Elaine Martino | Martino Planning |
| Daniel Miller | RK&K |
| Rob Schiffer | Stantec |
| Jeremy Graham | Traf-O-Data |
| Dan Macmurphy | Traf-O-Data |
| Steve Infanti | Tindale Oliver |

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## Meeting was called to order by Gary Kramer at 10:30am.

## Item 1: Transportation Model Platform Update

* Software Procurement
  + Began process in April 2017
  + Invitation to Negotiate
    - Selected: PTV Vissum
    - Selection was challenged
      * Had the option to take the challenge to the Department of Administrative Hearings (DOAH) or reissue an advertisement.
    - Opted to reissue via Request for Proposals (RFP)
  + RFP
    - November 2017
    - PTV Vissum was selected as the potential winner of the RFP.
      * Protest filed against the department.
    - Pending protest through DOAH
      * Will take approximately four to six months to resolve this issue.
        + Around August 2018
  + MPOs can still use the FDOT product.
    - Whatever version of Cube that was downloaded by December 2016 can still be used, without maintenance and support.
    - If you are in an LRTP process, will have to use Cube until protest is resolved.
  + Can Citilabs software be reinstalled given that there is no current license?
    - As of right now, yes given that Cube was reinstalled on FDOT Central Office computers that were recently replaced.

## Item 2: 2015 Employment Data Issues

* When the project started, Central Office was short on funds to purchase InfoGroup, so prior data was interpolated with 2015 employment data.
* This is all that is available for public consumption at the moment.
  + Have documentation of what was released to share with the committee.
  + There are also presentations that can be shared.
* Would like consensus from this group regarding whether or not more recent data is needed for purchase.
  + InfoGroup data continuously updates their data, so it is important to clarify the timeframe captured by the data purchased.
    - The database itself indicates that it is September 2014.
  + Would recommend checking the largest employers in your region to ensure the data is correct regarding their presence in database.
* The 2020 year data purchase is penciled in.

**Action Item:**

* **Contact Frank Tabatabaee (**[**frank.tabatabaee@dot.state.fl.us**](mailto:frank.tabatabaee@dot.state.fl.us)**) if you would like the data and documentation for the 2015 employment data creation effort as well as to participate in a focus group on what to look for in future employment data purchases.**

## Item 3: Metadata Checklist for Posting Transportation Models to FSUTMSonline

* Terry Corkery presented the update for FSUTMSonline at the Model Task Force.
* If you have any recommendations on what the metadata checklist should contain, contact Gary Kramer or Terry Corkery with your responses.

**Action Item:**

* **Contact Gary Kramer (**[**gary.kramer@wfrpc.org**](mailto:gary.kramer@wfrpc.org)**) or Terry Corkery (**[**terrence.corkery@dot.state.fl.us**](mailto:terrence.corkery@dot.state.fl.us)**) if you have any recommendations as to what the metadata checklist should include by February 16, 2018.**

## Item 4: Census Transportation Planning Package (CTPP)

* Thomas Hill sits as a board member to the CTPP.
  + Assists with guidance of CTPP policy and applications.
* Recent direction is to eliminate Traffic Analysis Zone (TAZ) tabulations.
  + Special tabulation through the Census and American Community Survey (ACS).
  + CTPP TAZs have higher resolutions than model TAZs.
    - Aggregations of Census Block Groups
  + Find that it is costly and has limited applications.
  + Does anyone use the CTPP TAZ structure?
    - Census TAZs never match the District 1 model TAZs due to MPO structure.
    - Members stated they use the Census block groups rather than the CTPP TAZs.
* Next tabulation: 2012-2016 based on ACS
  + Expected to release in late 2018.
* Potential to have American Association of State Highway Transportation Officials provide CTPP training.
  + Any interest?
    - May want to ask the full Model Task Force to determine interest in CTPP training, not just the Data Committee.

## Item 5: Data Fusion for Transportation

* Started in January 2016 and funded by the FDOT Research Office.
* The need for data fusion was born out of an inability to purchase Transearch data due to high costs.
* Two tasks for this project:
  + Estimate the empty truck back haul – Dr. Pinjari
    - Finished with this task.
    - The data and documentation are now available.
    - Used Weigh-In Motion (WIM), Freight Analysis Framework (FAF), and Transearch data.
  + Fusing 2011 Transearch data with 2012 FAF data
    - Requires powerful PCs to conduct this research.
    - Ran into difficulties with the size of the data and glitches in the algorithm.
      * Requested a time extension to correct these issues.
    - Aiming for completion by May 2018.
    - If anyone will be using the data, it is important to review the documentation beforehand.
* Economic Impact Analysis with Freight Data
  + Created a tool that uses FreightSIM outputs as inputs to translate any highway or port capacity improvements into dollar values.
  + Would like to generate a training for the tool and will communicate with the Model Task Force regarding the status.

## Item 6: Recap of January 7-11, 2018 Annual Transportation Research Board (TRB) Meeting

* Had two presentations from a modeling perspective
  + Florida Statewide Model Applications
  + Tailoring Highway Traffic Monitoring Data to Serve the Needs of Freight Planning
* Poster
  + Fusing FAF and Transearch datasets.
* May be beneficial to look through this presentation’s slides for more interesting presentations at TRB.

## Item 7: FSUTMSonline Update

* FSUTMSonline website was recently updated to eliminate clutter and make it more user-friendly.
* Looking into getting a contract with the website developer.
* Updates can be made to the webpage as needed.
  + If there is anything you think is feasible and makes sense to have on the website, contact Frank Tabatabaee or Terry Corkery with your feedback.

**Action Item:**

* **Contact Frank Tabatabaee (**[**frank.tabatabaee@dot.state.fl.us**](mailto:frank.tabatabaee@dot.state.fl.us)**) or Terry Corkery (**[**terrence.corkery@dot.state.fl.us**](mailto:terrence.corkery@dot.state.fl.us)**) if you have any comments or feedback regarding the FSUTMSonline update.**

## Item 8: Comments

* Tourist Trips
  + Missing from the Florida Statewide Model version 6.0.
    - The processes were kept within the model, but the data was removed due to a lack of up-to-date tourist data.
    - Currently working to develop a way to update and revise tourist trips within the model.
  + May be beneficial to research how tourist trips are incorporated in other regions and report back.
  + The North Florida TPO conducted a Household Travel Survey.

**Action Item:**

* **Frank Tabatabaee to follow up with Thomas Hill regarding work being done to update/improve the tourist trip data in the Florida Statewide Model.**

Meeting was adjourned by Gary Kramer at 11:30am.