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FMTF Data/GIS Committee Meeting Minutes

**Date: Tuesday, September 1, 2020**

**Time: 2:00 P.M. – 3:00 P.M. EST**

**Where: Web Conference**

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| **Attendee** | **Agency** |
| Alvimarie Corales | Sarasota/Manatee MPO |
| Chris Wiglesworth | FDOT Central Office |
| Christopher Simpron | FDOT District 1 |
| Dan Beaty | HNTB |
| Dan Macmurphy | Traf-O-Data |
| Daniel Miller | RK&K |
| Danyu Shi | BCC Engineering |
| David Farmer | Metro Forecasting Models |
| Donnie Arbeau | Central Florida RPC |
| Elaine Martino | Martino Planning |
| Frank Tabatabaee | FDOT Central Office |
| Gary Kramer | Emerald Coast Regional Council |
| Granger Huntress | Dun & Bradstreet |
| Heather Lupton | Cambridge Systematics |
| Jasmine Blais | MetroPlan Orlando |
| Jeanette Berk | Gannett Fleming |
| Jerry Graham | Traf-O-Data |
| Jongson Won | PTV Group |
| Justin Woodard | Dun & Bradstreet |
| Krishnan Viswanathan | Cambridge Systematics |
| Makarand Gawade | HDR |
| Nancy Simpson | Sarasota/Manatee MPO |
| Paul Flavien | Broward MPO |
| Richard Pascoe | Stantec |
| Richard Ranck | Hillsborough County |
| Rob Schiffer | FuturePlan |
| Roberto Miquel | WRA |
| Sheldon Harrison | Cambridge Systematics |
| Soliman Salem | City of Jacksonville |
| Srin Varanasi | Corradino Group |
| Steve Infanti | Tindale Oliver |
| SungRyong Han | BCC Engineering |
| Tanner Martin | HDR |
| Terry Corkery | FDOT Central Office |
| Thomas Hill | FDOT Central Office |
| Zhong-Ren Peng | University of Florida |

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**Meeting started - 2:00pm**

## 2020 Employment data method and licensing – Dun & Bradstreet

* Data Cloud
	+ Consistently ensure access to customers through trade partnerships.
	+ Updated over five million times a day, providing real-time business data.
* D-U-N-S Number
	+ Unique identification number for business identification at the site level.
		- Employment.
		- Revenue.
		- Industry classification.
* Provided a snapshot of 1.5 million records for the State of Florida for January, June, and preparing to provide a snapshot for September for analysis of impacts from the COVID-19 pandemic.
	+ EconoVue software service merges data visualization, interactive mapping, extensive filtering, and location-based management tools to review the 2020 Dun & Bradstreet datasets.
* Questions
	+ How is the data adjusted for self-employment?
		- Depends on whether they have activity from that business.
		- A lot of actual data and model data that is based on each industry.
	+ Granger Huntress to pass information along to Frank to disperse to the Committee.

**Action Item**:

* **Granger Huntress to provide information along to Frank Tabatabaee to be dispersed to the Committee.**

## Origin-Destination Study – Daniel Miller, RK&K

* Subcommittee developed to determine potential O-D data sources, how they are collected, and what services they provide.
* For more detailed information, refer to the presentation.
* Commercial:
	+ StreetLight;
	+ AirSage;
	+ License plate surveys;
	+ Helicopter/Drone (SkyComp);
	+ American Transportation Research Institute (ATRI);
	+ IHS Tourism Data;
	+ Uber Movement;
	+ Moonshadow/WeJo;
	+ Bluetooth;
	+ Strava;
	+ InfoGroup; and
	+ Credit Card Data.
* Government:
	+ Travel diary;
	+ National Household Travel Survey (NHTS);
	+ Longitudinal Employer-Household Dynamics (LEHD);
	+ Freight Analysis Framework (FAF);
	+ Department of Motor Vehicles (DMV);
	+ Weigh in Motion (WIM);
	+ Video Cameras; and
	+ Sunpass/E-Pass.
* Social Media:
	+ Four Square;
	+ Twitter;
	+ Instagram/Facebook; and
	+ LinkedIn.
* Questions/Comments
	+ LOCUS data product available from Cambridge Systematics.
		- Origin-destination flow data from app data.
		- Location-based app data aggregated by a third party.
	+ Florida Department of Transportation (FDOT) recently purchased HERE data for bicycle-pedestrian movement.

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## Census Timeline – Krishnan Viswanathan, Cambridge Systematics

* For more detailed information, refer to the presentation.
* Changes between 2010 and 2020 Census
	+ Use of the internet as a tool for data collection.
	+ Aerial imagery to confirm address reduces the number of field workers verifying addresses.
	+ Fewer Census takers.
* Census Timeline:



* Given that end of counts has been moved up by one month, from October to September, lawsuits have been filed protesting the change, arguing that this will seriously impact counts.
	+ Serious concerns regarding the quality of the 2020 data due to the Census Bureau cutting corners in quality checks.
* Northwest Florida is currently the furthest behind target for Census responses in Florida.

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## Transportation Model Platform Update – Thomas Hill, FDOT

* Microsimulation: VISSIM
	+ Annual Statewide VISSIM subscription.
	+ 200 licenses available for FDOT, the Turnpike, and MPOs.
	+ Current licenses.
		- Existing licenses will become inactive.
		- All licenses governed under this agreement.
	+ Use of other microsimulation software packages.
		- Does not preclude the use of other packages.
	+ Benefits.
		- Central Office training and support focus on VISSIM.
		- Cost savings.
	+ Support from.
		- Executive team.
		- District Secretaries.
	+ The following package was purchased.



* Plan Forward.
	+ VISSIM will be marketed and messaged to other offices/departments, serving to bridge the gap between modeling and other entities, such as PD&E, traffic operations, etc.
* Macrosimulation:
	+ VISUM,
		- Had encumbered money for both VISUM and VISSIM, but things were complicated by the COVID-19 pandemic.
			* Currently working through Central Office and the Federal Highway ..Administration (FHWA) to acquire the funds and software.
	+ TransCAD.
		- Plan to offer this software as a flexible alternative to the PTV primary.
		- Will also include Transmodeler SE.
	+ Administrative services.
		- District-level/MPO-level interviews.
			* What do they want or prefer during this process?
		- Conversion schedule review
			* Sequence, priority, timeline, duration, delivery date, coordination, buffer time.
		- Website/user forum for idea exchanged to be hosted by the Model Task Force (MTF).
		- Standardized procedures for all Districts to approve and release the converted model
		- Training to be offered.
		- Will be holding Cube as a buffer for the next two years.

## Comments – Members

* How is the rollout for VISSIM/VISUM going to be done across the state?
	+ Currently developing a rollout plan with a subcommittee of the Model Advancement Committee.
		- Looking at a two-year window for the conversion and rollout process.
		- Will take at least a year to get all models converted and validated.

**Meeting adjourned - 3:06pm**