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FMTF GIS Committee Meeting Minutes

**Date: Thursday, July 9, 2015**

**Time: 11:00 – 12:00 P.M. EST**

**Where: Web conference**

**Attendees List:**

**Jason Learned FDOT D5**

**Frank Tabatabaee FDOT Central Office**

**Bill King Airsage**

**Clem Krystal CDM Smith**

**Denise Bunnewith North Florida TPO**

**Jeanette Berk HNTB**

**Sung-Ryong Han BCC Engineering**

**Naveen Eluru UCF**

**Taruna Tayal VHB**

**Collen McGue Sarasota/Manatee MPO**

**Naresh Kotari HW Lochner**

**Richard Pascoe Grimail Crawford, Inc.**

**Vasu Persaud Leftwich Consulting**

**Li Jin Kittelson & Associates**

**Makarand Gawade RS&H**

**Steve Infanti Tindale Oliver**

**Sheldon Harrisson Cambridge Systematics**

**Daniel Miller, RKK**

**John Gilreath DRMP**

**Davis Hoyt Gannett Fleming**

## **Welcome and Introductions**

* Brief introduction by Jason and other members of committee

## **Background and Purpose of Committee**

* Jason briefly discussed the background and purpose of the committee and showed the location of the GIS Committee details on FSUTMS website.

## **Past Action Items**

* NAVTEQ Network

1. DOT Central office is currently working on a project to go from current roadway network to NAVTEQ network. The project results are proposed to be implemented to the FSUTMS statewide model
2. BCC Engineering was involved in developing a network conflation methodology for SERPM model
3. Maryland and North Carolina DOT are trying to switch to NAVTEQ network.
4. Gannett Fleming have worked on using NAVTEQ network for District 7.
5. Some inefficiencies with NAVTEQ have been encountered: Links are very small because of numerous attributes. One of the solutions is to consolidate the links as per the required attributes but have to be cautious while doing so. The other issues are directionality and creating centroid connectors for transit. Multiple links have same A&B nodes in NAVTEQ. BCC Engineering have developed a CUBE application to resolve some of the inefficiencies mentioned above.
6. NAVTEQ has links for trails and not physical roads too. This issue can be resolved using functional classification provided with NAVTEQ link attributes. The final conclusion is that NAVTEQ network needs great deal of post processing.
7. Central Office can update on their projects for NAVTEQ network.

## **Future Action Items Brainstorming**

* MIXS project:

1. This research is available online on FSUTMS website and can be an interesting research to be pursued in future. NAVTEQ network might be a prerequisite for this project.

* GIS data sharing:

1. Sharing GIS data with partner agencies and public users can be a future project. ArcGIS online can be a useful tool for this. FSUTMS website can be utilized to share the links or information for the same.
2. An important aspect for this is maintenance and updating the GIS data

* Integrating data into GIS:

1. ESRI products can be used well for integrating data into GIS files.

* Transit GTFS data conversion to GIS data.

## **Next steps/meeting**

* Three major projects were decided to be pursued between now and the next model task force meeting (December 8-10, 2015) – MIXS project, GTFS data conversion and NAVTEQ network conflation.
* DOT Central office will attempt to put everything on FSUTMS online
* Next meeting will be in September or October.