MEETING NOTES

Attendees List:

Name	Agency/Firm
Lina Kulikowski	*Broward MPO*
Vidya Mysore	*FDOT Central Office*
Mary Stallings	Grimail Crawford
Mohammed Hadi	Florida International University
Robert Graham	Traf-O-Data
Jon Weiss	FDOT District 5

Name	Agency/Firm
Nellie Fernandez	Palm Beach MPO
Derek Miura	FDOT District 4
Daniel Miller	BCC Engineering Inc.
Colby Brown	Citilabs
Sharon Lewis	Lake County

GIS Committee

Introduction
Lina Kulikowski, Broward MPO
- All PowerPoint presentations are now available online at www.fsutmsonline.net
- Lina started the meeting and made introductory remarks.
- This was followed by personal introductions by each member in the GIS committee.
- Lina made a brief presentation on the GIS committee's priorities. She pointed out MTF top seven priorities, which included the GIS committee's network Standards and discussed how the GIS committee is committed in achieving that goal.
- Lina pointed out GIS committee's efforts to improve the use of GIS in modeling practice.
- Colby Brown pointed out that there are a lot of materials available on Citilabs' website.
- Lina encouraged the members to attend the Cube GIS workshop.

FSUTMS Data Framework
Dr. Albert Gan, FIU
- All PowerPoint presentations are now available online at www.fsutmsonline.net
- A member of the audience asked if the FSUTMS Data Framework was capable of Transit Network editing. Dr. Gan answered that it supports Transit Network editing. He also pointed out that the extracted Scenario Networks are Cube compatible.
- Lina wanted to draw the attention of the GIS committee members to the Network Field naming conventions. She pointed out that the GIS committee should take time to review the Field naming convention recommendations since, once adopted, these names cannot be changed easily.
- Wade White asked if the FSUTMS Data Framework application allowed for alternative scenario evaluation by allowing alternative scenarios to be mixed from different Networks. Dr. Gan replied that the project did not consider such usage of the tool.
- On the issue of Field Naming conventions, Colby mentioned that as we move towards a more relational database based enterprise GIS model we should be cognizant of the use of SQL reserved

keywords. Vidya Mysore (FDOT CO) assured the committee that the team would work closely with Citilabs to evaluate the process and make sure the naming conventions are compatible.

- Shi-Chiang Li (FDOT D4) wanted to know more details about the file structure simplification and Dr. Gan explained the ideas behind the new data structure within the FSUTMS Data Framework database and how it relates to the old file structure in FSUTMS.
- Colby pointed out that he thinks this project is a very good way to get started moving towards the enterprise platform. He added that from Cube 5.1 release there will be support for File based GeoDatabase. He added that Citilabs is working on a similar version of a master scenario database system and this project is a good way to the concept. Dr. Gan responded that the two parts of the projects namely FSUTMS Data Framework and the Master Network Database are independent from each other and can be used separately. Even if the Citilabs' work on scenario manager supersedes the FSUTMS Master Network Database, the FSUTMS Data Framework standards and the naming conventions can be adopted.
- Vidya Mysore (FDOT CO) requested all model managers to evaluate the FSUTMS Data Framework Tool and provide feedback to the GIS Committee by the following week.
- Lina made remarks about the importance of metadata and pointed out how this project tries to incorporate the metadata requirements as part of the model network database.
- Mary Stallings said that this is a great tool to demonstrate mega regions.

Mode Information Exchange System [MIXS]
Vidya Mysore, FDOT Central Office.
- All PowerPoint presentations are now available online at www.fsutmsonline.net
- He emphasized the need for a coherent view of modeling related databases and seamless access to this integrated data by model practitioners. At the end of the presentation these was a Q&A session.
- Frank Tabatabaee (FDOT CO) asked how the MIXS system plans to keep track of the dynamic changes in data. Capton Siluvairajan answered that the MIXS uses a Linear Referencing System [LRS] base map based on commercially available Roadway Networks such as Navteq database to map different datasets and this common base would serve as a stable point of reference to address dynamic changes in data.
- Jim Fennessy (Jim Fennessy Associates) pointed out that the data flow shown in the diagram seems to suggest that the data goes in one direction from various data sources into the model but in reality, the data flow is a two way process. Vidya responded saying he completely agrees with Jim's observation.
- Lina asked Vidya if the committee needs to take action on this item and Vidya replied yes.
- Mike Niedhart (Gannett Fleming) suggested that the GIS committee needs to evaluate the work before we go from phase 1 to phase 2 and Vidya Mysore (FDOT CO) agreed.
- Shi-Chiang Li (FDOT D4) enquired if the project proposes to build a data model for all planning purposes, Vidya Mysore (FDOT CO) replied in the negative and assured that the scope of work is to build a data model strictly for modeling purposes.
- The committee agreed to move the matter to the entire MTF for a vote on proceeding with the project.

LOS Calculator and Freight Tools Demo
Capton Siluvairajan, Cambridge Systematics
- All PowerPoint presentations are now available online at www.fsutmsonline.net
- Capton Siluvairajan presented a demo of the LOS calculator Tool that was previously presented at the GIS committee meeting.

- Capton Siluvairajan pointed out that the present LOS calculator tool is a hugely improved version of the one present in the GIS-TM days.
- He mentioned that the current tool addresses such issues as missing BA links for a given AB link, uncommon combinations of Area type, Facility Type and Number of lanes by intelligently guessing valid substitute values.
- At the end of presentation, there was a Q&A session.
- Rob Schiffer (Cambridge Systematics) commented on the usefulness of the LOS calculator tool.
- Following the LOS Calculator demo, Capton Siluvairajan made a live demonstration of the Freight Tool.
- Vidya Mysore (FDOT CO) pointed out the importance of having good quality Freight Data and mentioned that the current tool will help address the need by making FAF data easily accessible through use of web interfaces. He added that FDOT Central Office is working closely with the University of Florida's Urban and Regional Planning Center to host the Freight Tool on their servers.