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FMTF GIS Committee Meeting Minutes

**Date: Thursday, December 20, 2007**

**Time: 10:00 – 11:00 P.M. EST**

**Where: Web conference**

**Attendees List:**

**Lina Kulikowski Broward MPO**

**Nellie Fernandez Palm Beach MPO**

**Paul Larsen Palm Beach MPO**

**Vidya Mysore FDOT Systems Planning**

**Yongqiang Wu FDOT Systems Planning**

**Ilir Bejliri University of Florida**

**Keli Paul Cambridge Systematics**

**Capton Siluvairajan Cambridge Systematics**

**Colby Brown Citilabs**

**Mary Stallings Grimail Crawford**

**Roberto Miquel Wilbur Smith Associates**

***Welcome and Introduction***

*• Lina Kulikowski, GIS Committee Chair*

*• Vidya Mysore, FDOT Systems Planning*

***Cube Beta Testing***

*• Presentation on Cube 4.2, Colby Brown, Citilabs*

* *PowerPoint presentation available online at* [*www.fsutmsonline.net*](http://www.fsutmsonline.net)
* *Almost all comments provided to Citilabs from FDOT Systems Planning will be*

*addressed in the Cube 5 release in March*

* *The highest priority for Citilabs is to first reproduce all the functionality that was in the earlier version of Cube (4.1)*
* *Colby Brown provided a demonstration on the following four key features that are not covered in the Guide:*
  + *Build network from feature class*
  + *Desire line mapping*
  + *Intersection performance display*
  + *Inset map with multiple frames*
* *Participants on the call provided feedback in response to the demonstration.*

*These comments are included in the compiled beta testing comments referenced below and included online.*

*• Committee member comments on beta testing efforts*

* *Comments provided to Lina Kulikowski, Vidya Mysore, and Keli Paul prior to this meeting, as well as those discussed during this meeting, were compiled during the meeting and reviewed on the screen by teleconference participants using the web meeting function.*
* *The final compiled comments are available online at* [*www.fsutmsonline.net*](http://www.fsutmsonline.net)

***GIS-TM Review for Incorporation into Cube, Vidya Mysore, FDOT Systems Planning***

*• Vidya Mysore presented a diagram of the current GIS-TM architecture (schema from*

*2003)*

*• Although a good portion of the 2003 GIS-TM schema is useful, it needs to be updated for the new Cube platform*

• Colby Brown noted that the Cube architecture is compatible with the GIS-TM architecture as they are almost the same. The main difference is that in Cube, the Public Transport (PT) module is used as the basis for defining the types of tables needed. The objects are treated as simple tables so it should be easy to implement. However, there may be issues with the file size of the geodatabase.

• Committee suggested having metadata added while Citilabs works on the architecture

• A separate meeting is needed to discuss the GIS-TM framework within Cube. The

schema needs to reflect the practice of local models. The GIS Committee should work

with the individual modeling communities to get GIS-TM implemented within Cube model by model.

**Next Steps**

*•* Submittal of new comments to Citilabs

*•* Next release of Cube

*•* Cube 4.2.2 sent to FDOT for distribution today (12/20/07); Colby Brown will send link to GIS Committee for downloading Cube 4.2.2 from the Citilabs website

*•* Cube 4.2.3 with update to Cube 5 beta version will be distributed in mid-January during the TRB Annual Meeting

*•* Cube 5.0 is scheduled for release in March 2008

*•* Next GIS Committee Teleconference

*•* Scheduled for Tuesday, February 12, 2008 from 9:30-11:30 AM EST

*•* Agenda items for February teleconference:

* + Cube progress after TRB release in mid-January 2008
  + GIS-TM geodatabase implementation and functionalities that have been accomplished during the last four years and what the GIS Committee members would like to see in GIS-TM