



# Florida Model Task Force

## Full MTF Meeting

January 11, 2006  
8:30 AM – 4:30 PM  
Daytona Beach, FL

### Agenda Item 1: Welcome and Introduction

**Presentation:** Tri-Chairs, Dennis Hooker (METROPLAN Orlando), Danny Lamb (FDOT- District Seven) and Shi-Chiang Li (FDOT-District Four)

**Danny Lamb** – Welcome and brief summary of topics to be covered for MTF voting members and other interested participants in the audience. Attendance sign-in list is provided at end of this summary.

**Discussion:** None.

**Conclusions:** None.

**Action items:** None

**Responsible Party:**

**Deadline:**

### Agenda Item 2: Committee Reports

**Presentation:** Trip Distribution Committee (Chairperson: Mike Neidhart); GIS Committee (Chairperson: Lina Kulikowski); Land Use Committee (Chairperson: Gary Kramer)

Three MTF committee meetings were held on Tuesday, January 10, 2006. Minutes from each meeting and any PowerPoint presentation materials provided by the speakers are available at FDOT's MTF website: <http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents>. A brief description of the topics covered at each committee meeting is provided below.

**The Trip Distribution Committee Meeting was held on January 10, 2006 from 10:00 a.m. to 11:00 a.m.**  
**Chairperson: Mike Neidhart, Volusia County MPO**

The Trip Distribution Committee meeting covered one topic presentation: the **Travel Characteristics Study (Lifestyles) for METROPLAN Orlando** presented by Scot Leftwich, Leftwich Consulting Engineers, and Peter Gottfried, Canin Associates. –The purpose of the Travel Characteristics Study is to identify a relationship between income and property values by TAZ, set up trip characteristics using existing data, develop a test case, and develop a survey. This presentation focused on forecasting mode split through parcel data to determine where people live and work, specifically for the home-based work purpose. The study hopes to match transit route planning to income, property values, and work locations. Additional information will be available as the study proceeds.

**The GIS Committee Meeting was held on January 10, 2006 from 1:00 p.m. to 4:00 p.m.**  
**Chairperson: Lina Kulikowski, Broward County MPO**

- GIS-TM 3.01 by Vidya Mysore, FDOT Central Office
- Embedded ArcGIS in Cube 5.0 (version 1) by Jatin Pandya, Software Engineer, Citilabs, Inc.
- Citilabs Status Report, Wade White, Citilabs, Inc.
- Mission Statement and Objectives Review, GIS Committee Members



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The Land Use Committee Meeting was held on January 10, 2006 from 4:30 p.m. to 6:00 p.m.  
 Chairperson: Gary Kramer, West Florida RPC

- A Study of Alternative Land Use Forecasting Models by Dr. Fang Zhao, FIU
- Land Use Alternatives in NW Florida LRTPs, Mike Brown
- DCA Land Use Forecasting Model, Diane Quigley, DCA

**Discussion:** None.

**Conclusions:** None.

**Action items:** None.

**Responsible Party:**

**Deadline:**

**Agenda Item 3: 2005 FSUTMS/CUBE User Satisfaction Survey Results and MTF Action Plan**

**Presentation: Danny Lamb, Tri-Chair, FDOT, District Seven**

A **2005 FSUTMS/Cube User Satisfaction Survey** was conducted in October 2005 by the FDOT Systems Planning Office as part of their quality assurance process, on behalf of the Model Task Force. Several helpful points were brought forward by the survey and a summary of major points are listed below:

- MTF and Central Office should coordinate development of FSUTMS standards ASAP
- Workshops should use local models for examples
- Public Transport and Script files are still a problem
- Run times unacceptable for converted models
- District V Regional Model needs more work
- Citilabs needs to release major updates more often and start a helpful hints webpage
- Citilabs understands Florida issues, but not enough technical support staff

The FDOT Systems Planning Office has instituted an action plan to address the helpful points made by the survey. Action items include providing policy papers and technical reports to support Districts and MPOs, supporting model/district-specific workshops, working more closely with Citilabs, and setting up a website/user forum to facilitate exchange of knowledge and ideas. This user satisfaction survey will be conducted annually.

**Discussion:** None.

**Conclusions:** None.

**Action items:** None.

**Responsible Party:**

**Deadline:**

**Agenda Item 4: National Household Travel Survey Add-On**

**Presentation: Nancy McGuckin, FHWA**

The National Personal Travel Survey (NPTS) is a snapshot of travel by residents in the U.S. covering households from all regions and rural and urban areas. The NPTS obtains information on passenger travel, including vehicle characteristics, mode, and purpose. The NPTS is conducted every 5 to 8 years by the Federal Highway Administration, FHWA. The survey is scheduled to be conducted next year (2007-08) and state and local



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governments are allowed to purchase additional samples within their jurisdictions. Purchasing the recommended sample size of 12,000 surveys will yield a large-scale sample of all urban areas in Florida, randomly selected in proportion to population. FDOT is currently searching for funds to purchase an additional 2,000 surveys in rural areas of Florida for even more comprehensive NPTS Add-On coverage.

**Discussion:** General questions regarding administration of the survey were asked by the voting members and audience after the presentation. Nancy McGuckin responded to the various questions and Dennis Hooker, MTF Tri-Chair, asked to make a motion.

**FIRST MOTION:** *The Model Task Force voting members believe that the NPTS Add-On Survey is a good expenditure of nonrecurring PL funds that FDOT now has available and we would like to see this project move forward and taken to the MPOAC. We would like the MPOAC to commit a portion of the nonrecurring PL funds to this project. We would recommend \$2.6 million be spent to make a statistically valid sample.*

**Discussion followed:** Wade White (Citilabs) will work with Danny Lamb (Tri-Chair MTF) to estimate the proper sample size prior to the presentation to the MPOAC. The current estimated cost per survey is \$175.00 per household sample plus \$500,000 to do data input and analysis by a vendor recommended by FHWA.

All comments and questions go to Huiwei Shen to get additional information. Nancy McGuckin needs a go decision 6 to 8 months before the collection. The money needs to be in the bank 6 months prior to survey and any additional survey requests must be worked out 6 months prior.

**Call for a Vote: VOTE TAKEN ON FIRST MOTION: MOTION PASSED UNANIMOUSLY**

A second motion was proposed to address the rural areas of Florida.

**SECOND MOTION:** *The MTF voting members request that the FDOT contribute funding to the NHTS Add-On survey in order to pay for rural areas.*

**VOTE TAKEN. MOTION PASSED UNANIMOUSLY.**

**Discussion Followed:** MTF requested that Huiwei Shen, FDOT Central Office, Systems Planning, do a blanket email to voting members on the projected amount to pay for the recommended sample. Mike Neidhart, Volusia County MPO/ MTF voting member, requested that an amendment to the FIRST MOTION passed before lunch be considered by the MTF voting members.

**AMENDED MOTION AS PRESENTED BY MIKE NEIDHART:** The Model Task Force voting members believe that the NPTS Add-On Survey is a good expenditure of nonrecurring PL funds that FDOT now has available and we would like to see this project move forward and taken to the MPOAC. We would like the MPOAC to commit... ~~PL nonrecurring funds to this project~~ *to an equal share of funding between the FDOT and the MPOAC to pay for the NHTS Add-On Survey and that the MPOAC make the decision as to what funding source it will use.* We would recommend enough PL funds be spent to make a statistically valid sample.

The AMENDED MOTION was seconded by Glen Alhert, Lee County MPO and MTF voting member.



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**Vote taken by show of hands: The AMENDED MOTION FAILED BY A VOTE OF 8 IN FAVOR AND 11 NOT IN FAVOR.**

**Conclusions:** The MTF Tri-Chairs will take the two motions that passed unanimously to the MPOAC in January 2006.

**Action items:** None

**Responsible Party:**

**Deadline:**

## **Agenda Item 5: New Developments in CUBE and Citilabs**

**Presentation:** Wade White, Citilabs, Inc.

Summary information relating to new features in CUBE 4.0 will be available for review on the FDOT MTF Website.

**Discussion:** None.

**Conclusions:** None.

**Action items:** None.

**Responsible Party:**

**Deadline:**

## **Agenda Item 6: Awards and Recognition**

**Presentation:** Danny Lamb, Dennis Hooker and Shi-Chiang Li, Florida MTF Tri-Chairs

Recognitions were made and awards were presented to Glen Ahlert, Lee County MPO; Frank Baron, Miami-Dade MPO; and Jerry Faris, TSG, for their dedication and outstanding contributions to the Florida Model Task Force over the years. Each of the participants is retiring.

**Discussion.** None.

**Conclusions.** None.

**Action Items.** None.

## **Agenda Item 7: Implementation of FSUTMS New Standards**

**Presentation:** Yongqiang Wu, Central Office, Systems Planning

The PowerPoint presentation **Implementation of FSUTMS New Standards – A User Oriented Approach** and two accompanying documents (*FSUTMS New Standards and Enhancements – A User Oriented Approach: A Florida Model Task Force White Paper*, January 2006; and *FSUTMS Powered by Cube/Voyager Data Dictionary*, December 2005) are available for review on the FDOT MTF website.

The FDOT Systems Planning Office is in the process of implementing the new standards for FSUTMS. The work includes establishing FSUTMS framework items, including model structure and applications, developing a standard flowchart, incorporating time-of-day modeling, and transit modeling with PT. The *FSUTMS Data Dictionary* includes the most up-to-date description of all input and output files, including file name, file type, old file name, model step, module/program used/generated by, primary function, core and optional attributes, and special notes.



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Systems Planning has also been developing a new FSUTMS Web Portal, available in April 2006. The web portal will assist Florida modelers by providing important information and data such MTF news and events, latest approved models, travel survey data, and modeling documentation. The portal will incorporate GIS as the centerpiece of the website in anticipation of the upcoming Cube 5.0.

**Conclusion:** None  
**Action Items:** None.

**Responsible Party:**

**Deadline:**

**Agenda Item 8: Transit Office Update**

**Presentation:** Tara Bartee, Central Office, Public Transit Office

The Public Transit Office reported on training for FSUTMS Cube TRANPLAN – Public Transport (PT), which will be held in Boca Raton in May 2006 and Tampa in June 2006. The Speed-Delay Study for Transit (Jacksonville) is almost complete and the final report should be available in March 2006. The Public Transit Office has also been reviewing publications relating to on-board transit surveys. All publications will be posted on the new FDOT Web Portal available in April 2006.

**Discussion.** None.  
**Conclusion:** None.  
**Action Items:** None.

**Responsible Party:**

**Deadline:**

**Agenda Item 9: Group Discussion on FSUTMS Framework**

**Presentation:** Yongqiang Wu and the Florida Model Task Force Chairs (Danny Lamb, Shi-Chiang Li, and Dennis Hooker) coordinated a group discussion on the FSUTMS framework. Those in attendance, including voting members and other attendees, were asked to break into three groups to discuss three topics that need to be considered during additional improvements to the FSUTMS framework: Travel Surveys and Transit on-board Surveys, Transit Modeling in Public Transport, and Time-of-Day Modeling.

Each group spent approximately 30 minutes discussing the assigned topics and making notes on how to address each issue in upcoming technical documents. A representative from each group presented the discussion points. The flip chart items discussed in each group are available for review on the FDOT MTF Website.

**Discussion.** None.  
**Conclusion:** None.  
**Action Items:** None.

**Responsible Party:**

**Deadline:**



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## Attendance: Full Model Task Force Meeting January 11, 2006

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