

Thursday, December 2, 2010

The tri-chairs recognized Dennis Hooker, former Tri-Chair and Lina Kulikowski as the former chair of the GIS committee.

Advanced Modeling Vision & Business Plan Development: Steve Ruegg

Mr. Ruegg presented the “Blueprint” document for the short and long-range vision for travel demand forecasting in Florida.

There was discussion following with regard to timing of improvements and how and when they would support LRTP development. Air quality, performance-based evaluations will require new models. Coordination with other agencies and jurisdictions will be important to the successful development of advanced and improved models. Fred Ducca commented that it is important that there be a steady delivery of products over time. In addition, new models will require some changes to the way in which analysts current use the models – an “unlearning” curve as well as a learning curve.

The MTF approved the general approach presented by the Blueprint document unanimously.

SHRP-2 C10A Project Update – Jacksonville Model: Steve Andrie, Steve Lawe

Steve Andrie and Steve Lawe presented the current status of the SHRP-2 C10 project. The SHRP-2 program has a goal of finding ways to increase highway capacity while recognizing social and environmental realities.

The C10A program is testing the feasibility of AB/DTA approaches and the transferability of model parameters, originally from the Sacramento model. Major workshops are planned for 2012. DaySim is used as a basis for the AB model; TRANSIMS is used for the DTA component.

Discussion topics after the presentation included:

- Status of the Jacksonville model – it is running, not calibrated
- Freight not represented in the model at a high level
- Existing trip-based model used for transit travel times
- Model testing in Tampa is dependent on funding for timing
- How detailed are the signal timing information – TRANSIMS uses a tool to generate synthetic timing. Actual timing use suggested for base year calibration

This ends the formal meeting of the MTF. A workshop on DTA presented by Mohammed Hadi follows in the afternoon.