

# Florida Model Task Force *MTF GIS Committee Update*

*presented to*  
MTF GIS Committee

*presented by*  
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## If you build it they will Come!



### *Inspirational Individuals*

- *“It had long since come to my attention that people of accomplishment rarely sat back and let things happen to them. **They went out and happened to things.**”*

—leonardo da vinci



## GIS Committee Accomplishments



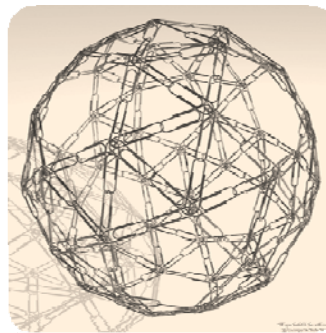
- Model Information eXchange (MIXS) Research Project Completion
- Resolution to adopt a FSUTMS Unified Network
  - i.e. Geographically Accurate Network – NAVTEQ
- Building Networks Webinar
- FSUTMS Data Framework Standardization
- Proposal for Strategic Plan underway



## GIS Committee Activities



- MIXS Research Project
- Strategic Plan Proposal
- GIS Training Webinars



## GIS Committee Supports MIXS



### MTF Action Item:

The GIS Committee has reviewed the results of the MIXS research project and have determined that we should move forward with MIXS' implementation. In reviewing are upcoming presentation we would like for the MTF to support this proposal.



## MIXS Implementation Benefits



### MIXS Benefits

- All models will use a common geographically accurate network
- Provides interoperability
- Easier Maintenance
- Elimination of data redundancies
- Leverages state's unified base map investment (NavTeq)
- A platform to add new data



## More Benefits



### GIS based network Advantages

- Real-world network / roadway distances
- Quarterly, yearly, updates
- Integration with data sets
  - Traffic Data NavTeq Speeds
  - Cellular polling systems
  - GPS driving surveys
- Interoperability with existing roadway data sets
- Points of interest integration
- Restricted driving links



## Proposed Implementation of MIXS



### Overview of Tasks

1. Load models into the MIXS database. TSM, the Statewide model, the SERPM model and a smaller Regional Model.
2. Load the 5-year adopted work program.
3. Develop web-based tools to facilitate the use of MIXS. They are the MIXS Explorer/Viewer, the Extract tool, the Upload tool and the Versioning tool.
4. Develop a user manual for beta testing of MIXS.
5. Explore the feasibility and possibly implement the integration of MIXS & Cube Cloud.

Requires about 16-18 months for project completion.



## Questions or Comments



*“First I shall do some experiments before I proceed farther, because my intention is to cite experience first and then with reasoning show why such experiences bound to operate in such a way. And this is the true rule...”*

—leonardo da vinci, c. 1513



**We can built it now come!**

