

## GIS-TranPlan Interface Project

### Concerns of Project Team/Committee:

- I. Remaining Time on the Project                      planning for May 2000
- II. Extent of project, how many tools should we work on \
  - a. time radius    \ look to committee to assist in
  - b. dynamic tables (assignment and generation)                      / prioritizing these additional tools
  - c. add/delete nodes    /
- III. How important is the MapInfo interface
- IV. TranPlan 8.0 vs. 9.0                      ask MTMUGers, DBQ and Quad went back to 8.0
- V. Incorporating Ground Counts \                      looking for a way to retain old data before running
- VI. Add name of Links                      /                      TranPlan, becomes a file management question
- VII. Selected origin/destination
- VIII. Identify substantial differences in loaded volumes on continuous links  
How do we detect data entry errors in attributes easily, possible thematic map of capacities including names of links in the map may be quite useful.
- IX. Construct turn penalty file in AV  
Idea from Steve Williams about creating turn penalty files formatted for use in TranPlan through the use of intersection templates in ArcView. By clicking on a node, the template, complete with the connecting links would appear. Turning penalties could then be entered into a table, and the TP file would be created.
- X. Distinguish between centroids and nodes, links and connectors  
Make a visual distinction between the different elements. Possibly use assignment groups as well to be able to eliminate centroids and connectors from queries.

### Deliverables to be placed on Website:

- I. Monthly Progress to Advisory Committee  
Regular updating has been done to date, planning to continue.
- II. Documentation of Interface  
Currently, documentation exists to lead users through the loading of the TP network into AV. Also, some of the analysis tools are documented. Continued focus will be place on documenting tools as they are completed. However, the size of the document has been a problem.  
Looking at GIS-ALAS as a model for the Interface documentation. We will be assessing whether a professional documentation companies services will be required, or if the programmers can document the program effectively in-house. There are currently three options with the current documentation, 1) is the documentation already effective, 2) can we get the documentation into an effective form ourselves, 3) do we require assistance. We will be assessing this issue shortly.
- III. Executables of the Interface  
All completed executables are currently available on the web. The AV project is also available with most of the analysis tool scripts included. As new tools become available,

the new projects will be posted. Also, there are four versions currently available. This allows TP 8 and 9 users, along with those who have VB, and those who do not have VB to use the interface.

IV. MPO/DOT Training

No progress has been made to date for training on the interface.

V. Code Documentation

To date, no line by line documentation has been completed on any programs.

Planning to flowchart programs in the near future.

Assistance Needed:

I. Documentation Review

II. Priority Setting of Additional Tools/Time on AV